



## Appendix B

### Measurement Plots

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### Dipol Valid.1900(m)\_250mW\_14.04.04

**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;  $\sigma = 1.58$  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

**Dipol 1900 (250mW)/Area Scan (81x121x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 94.6 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 12.7 mW/g

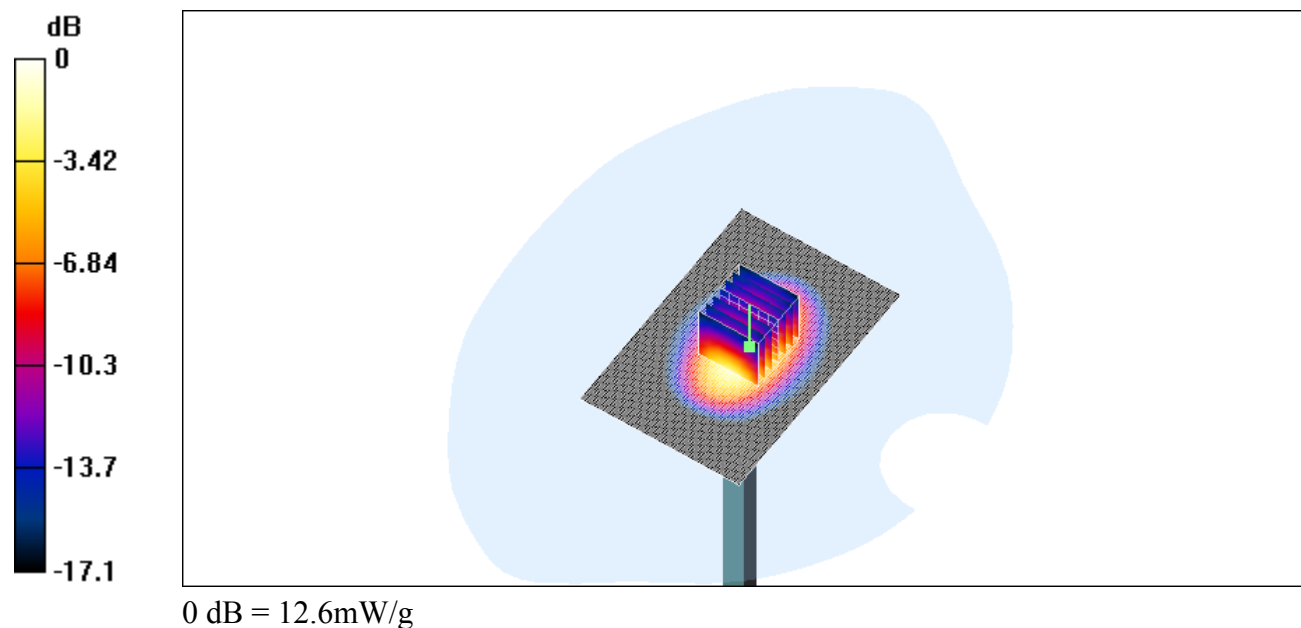
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.6 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 12.8 mW/g

Peak SAR (extrapolated) = 19.1 W/kg

**SAR(1 g) = 11.3 mW/g; SAR(10 g) = 5.85 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### Dipol Valid.1900(m)\_250mW\_15.04.04

**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;  $\sigma = 1.58$  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

**Dipol 1900 (250mW)/Area Scan (81x121x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 92.4 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 12.5 mW/g

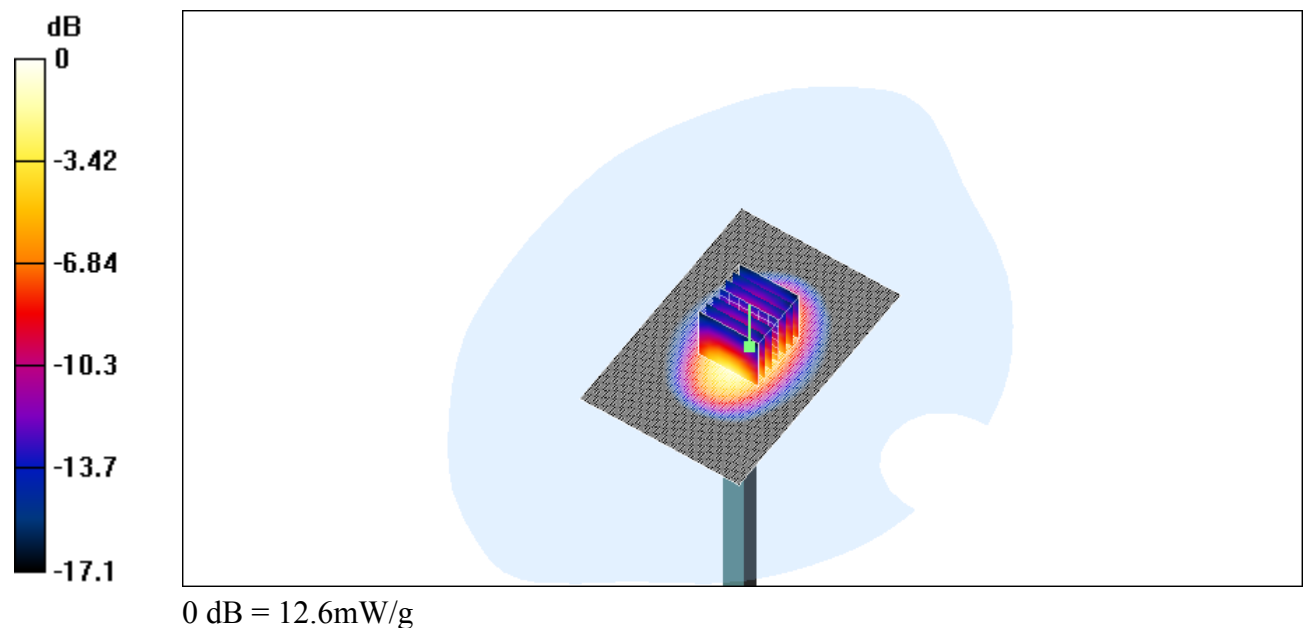
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.4 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 12.6 mW/g

Peak SAR (extrapolated) = 18.7 W/kg

**SAR(1 g) = 11 mW/g; SAR(10 g) = 5.79 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### Dipol Valid.1900(h)\_250mW\_15.04.04

**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 = -0.0 dB

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

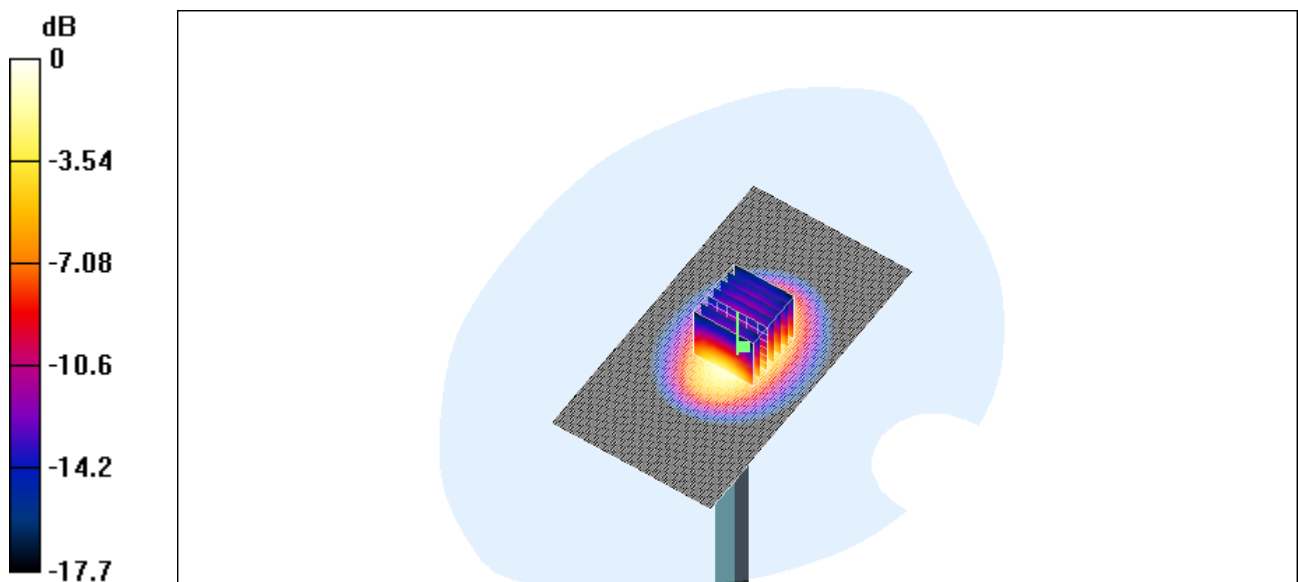
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.5 V/m; Power Drift = -0.0 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\_tilted

**DUT: PDA with Quad-Band GPRS/GSM+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: 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 (91x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 12.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.753 mW/g

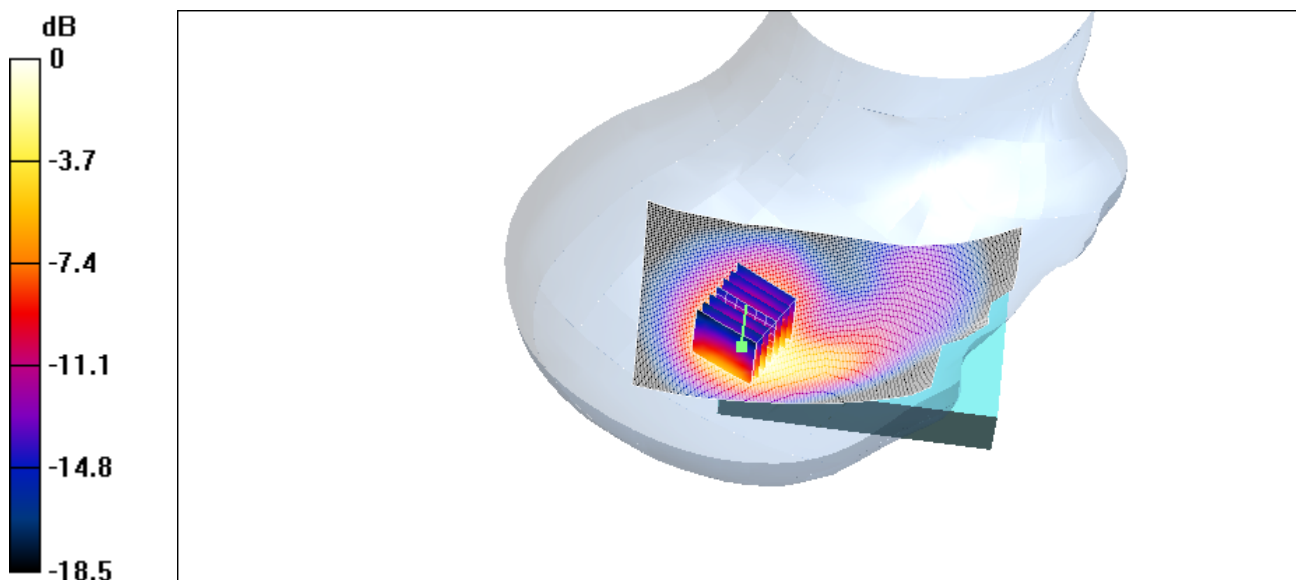
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.727 mW/g

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.337 mW/g**



0 dB = 0.727mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch512\_tilted\_BT

**DUT: PDA with Quad-Band GPRS/GSM+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(5.2, 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 (91x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 12.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.713 mW/g

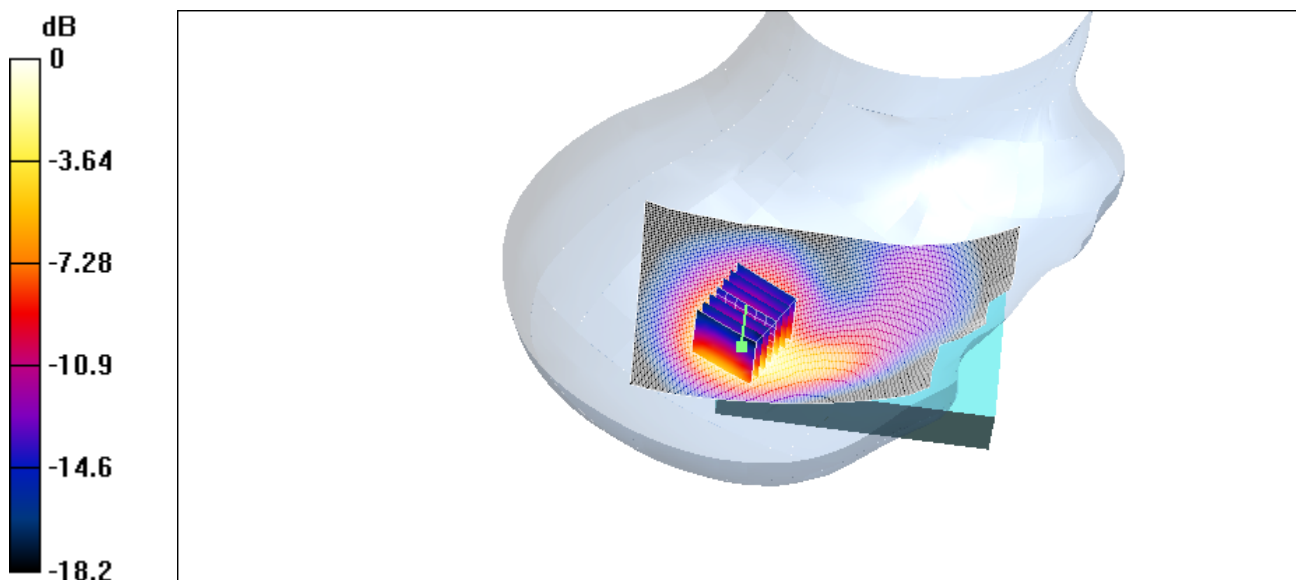
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.718 mW/g

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.326 mW/g**



0 dB = 0.718mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch512\_tilted\_WLAN\_0

**DUT: PDA with Quad-Band GPRS/GSM+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(5.2, 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 (91x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 22.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.885 mW/g

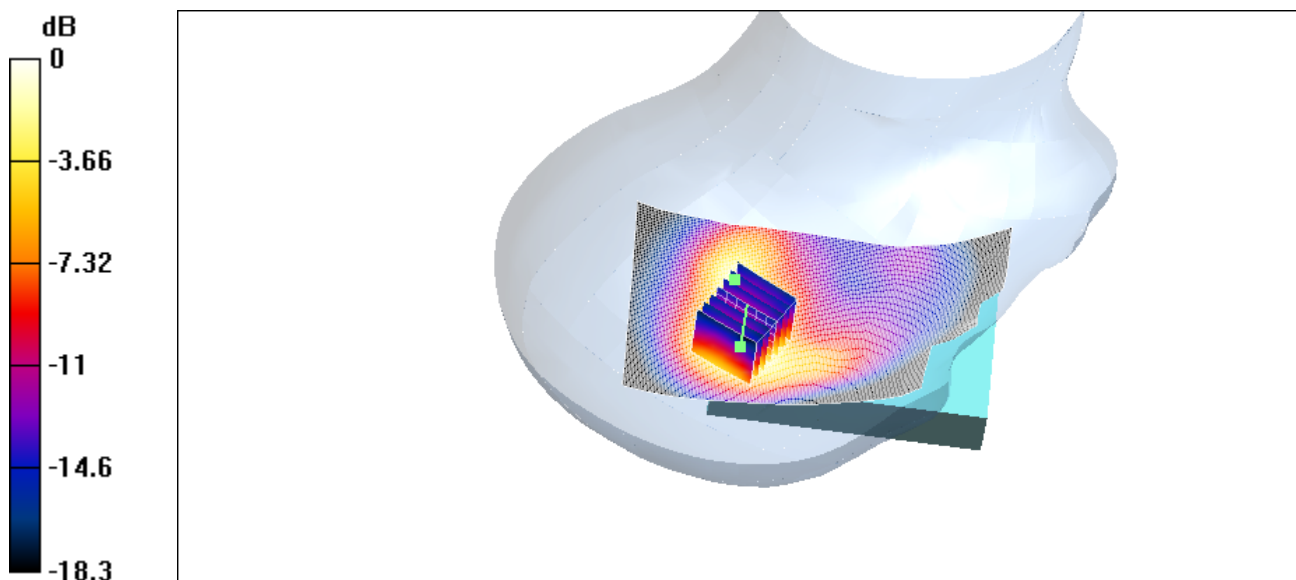
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.889 mW/g

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.414 mW/g**



0 dB = 0.889mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch512\_tilted\_WLAN\_1

**DUT: PDA with Quad-Band GPRS/GSM+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(5.2, 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 (91x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 22.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.885 mW/g

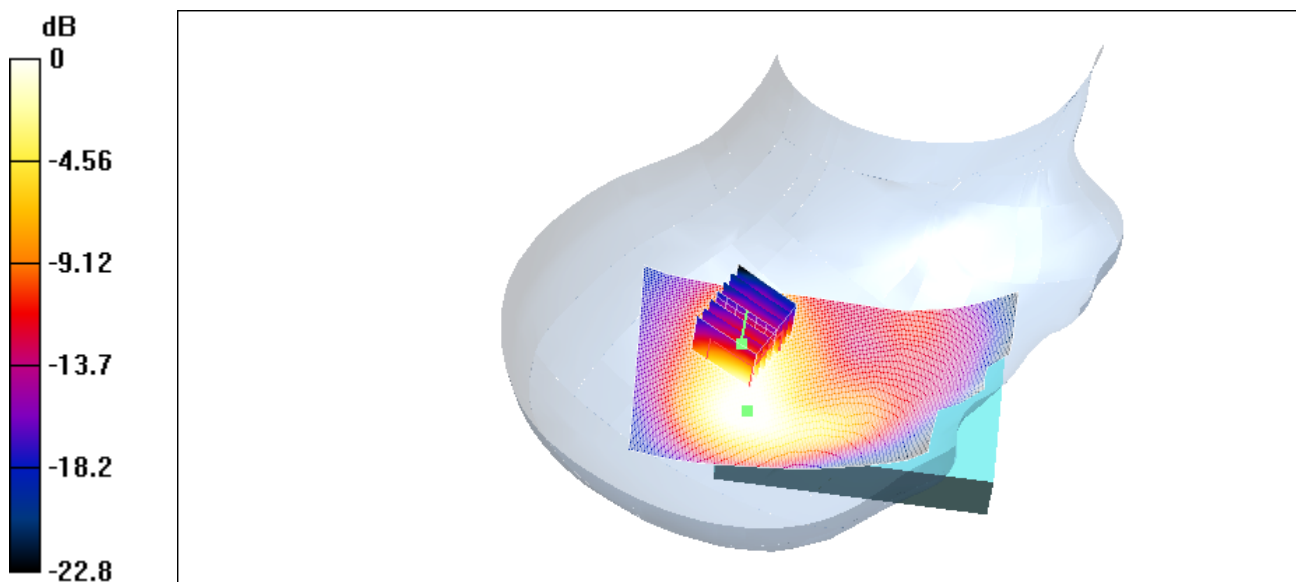
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.656 mW/g

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.288 mW/g**



0 dB = 0.656mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch512\_tilted\_BT\_WLAN\_0

**DUT: PDA with Quad-Band GPRS/GSM+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(5.2, 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 (91x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 21.3 V/m; Power Drift = -0.006 dB

Maximum value of SAR (interpolated) = 0.891 mW/g

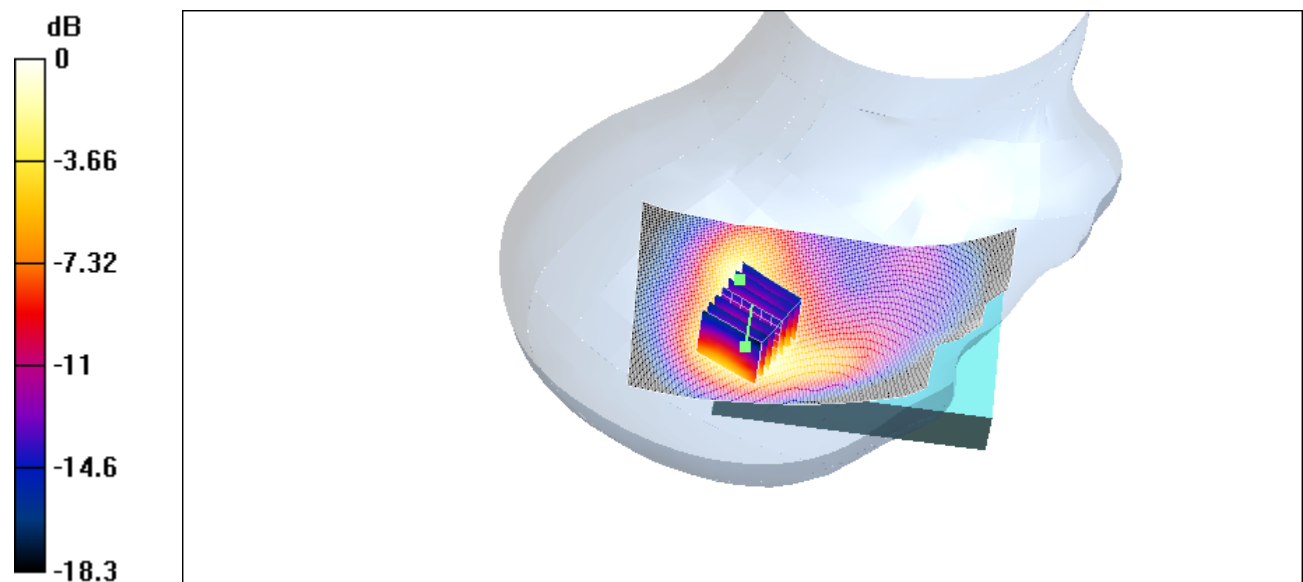
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.006 dB

Maximum value of SAR (measured) = 0.860 mW/g

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.409 mW/g**



0 dB = 0.860mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch512\_tilted\_BT\_WLAN\_1

**DUT: PDA with Quad-Band GPRS/GSM+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(5.2, 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 (91x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 21.3 V/m; Power Drift = -0.006 dB

Maximum value of SAR (interpolated) = 0.891 mW/g

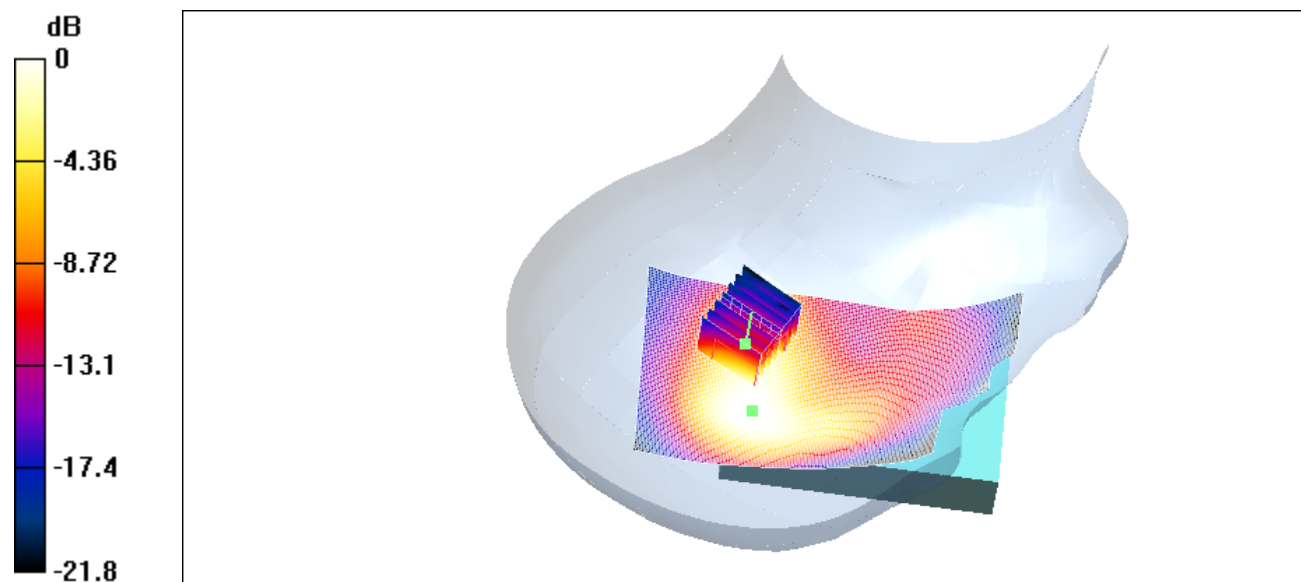
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.006 dB

Maximum value of SAR (measured) = 0.656 mW/g

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.285 mW/g**



0 dB = 0.656mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_tasche

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

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

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(5, 5, 5); 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 (131x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Reference Value = 4.48 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.199 mW/g

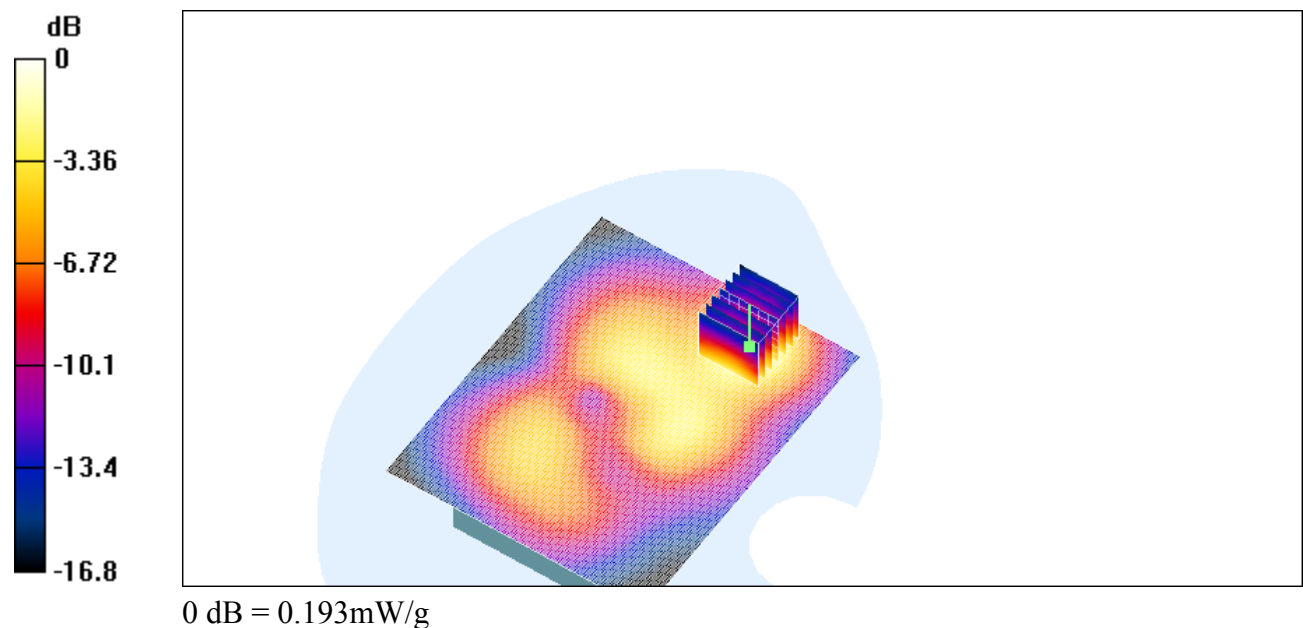
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.48 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.193 mW/g

Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.095 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_tasche\_BT

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

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

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(5, 5, 5); 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 (131x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.69 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.291 mW/g

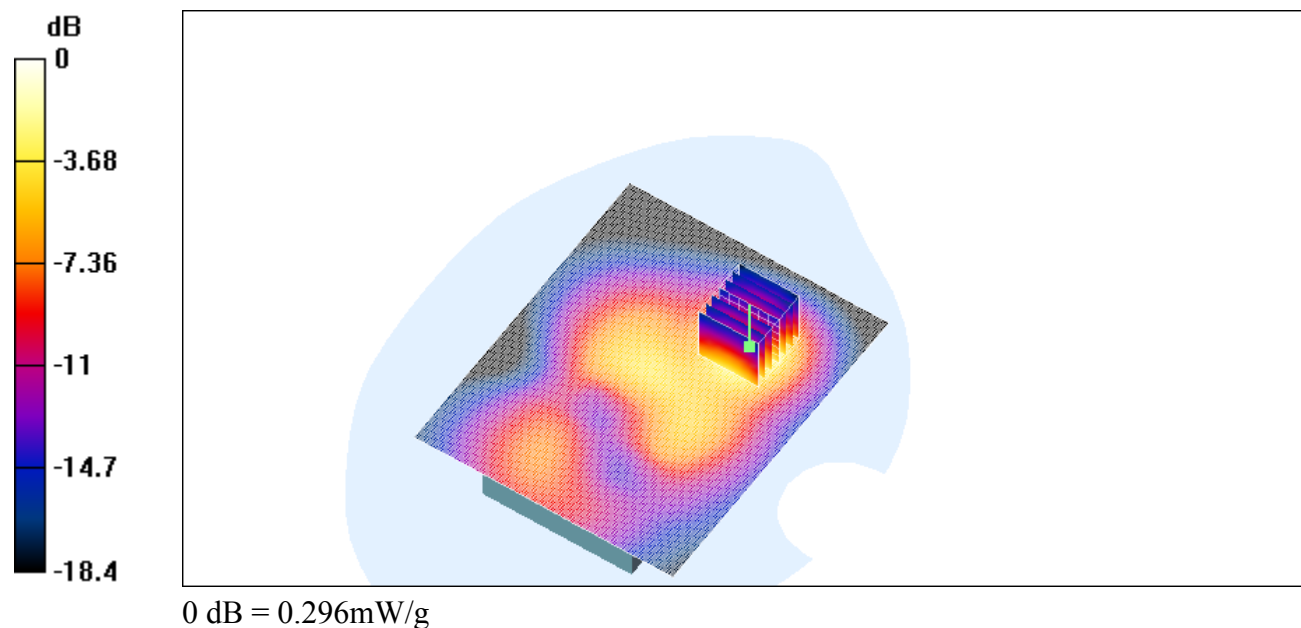
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.69 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.296 mW/g

Peak SAR (extrapolated) = 0.484 W/kg

**SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.135 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_tasche\_WLAN

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

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

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(5, 5, 5); 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 (131x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.88 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.337 mW/g

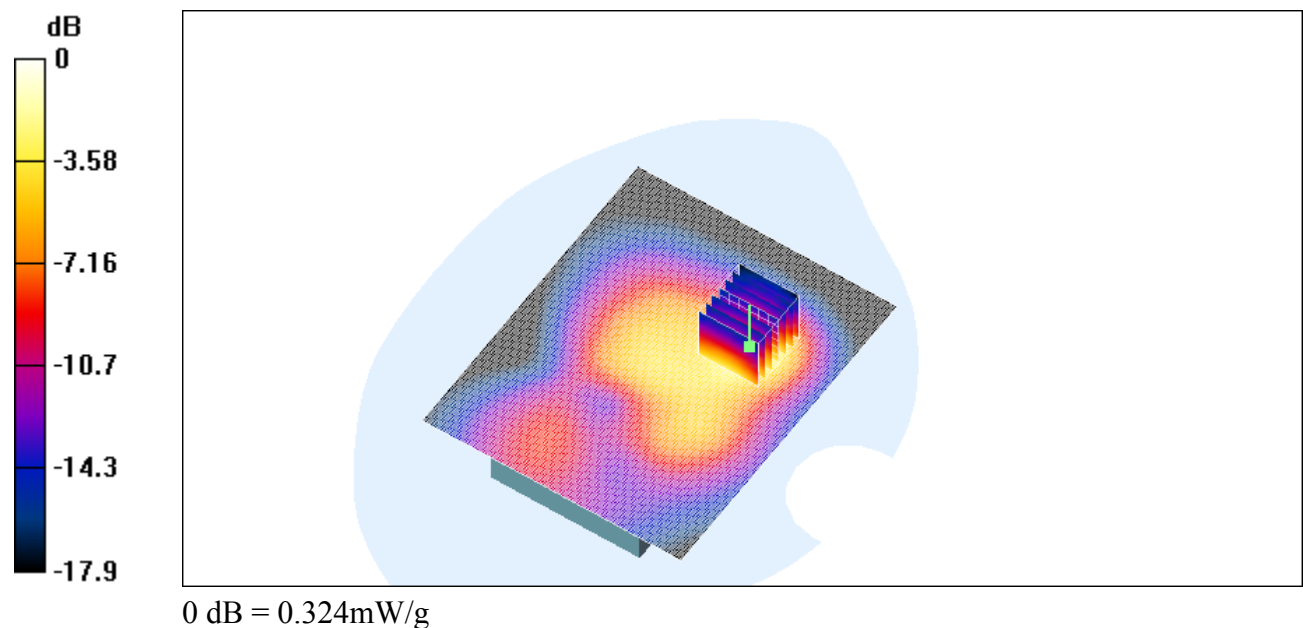
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.88 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.324 mW/g

Peak SAR (extrapolated) = 0.555 W/kg

**SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.150 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_tasche\_BT\_WLAN\_0

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

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

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(5, 5, 5); 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 (131x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.63 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.298 mW/g

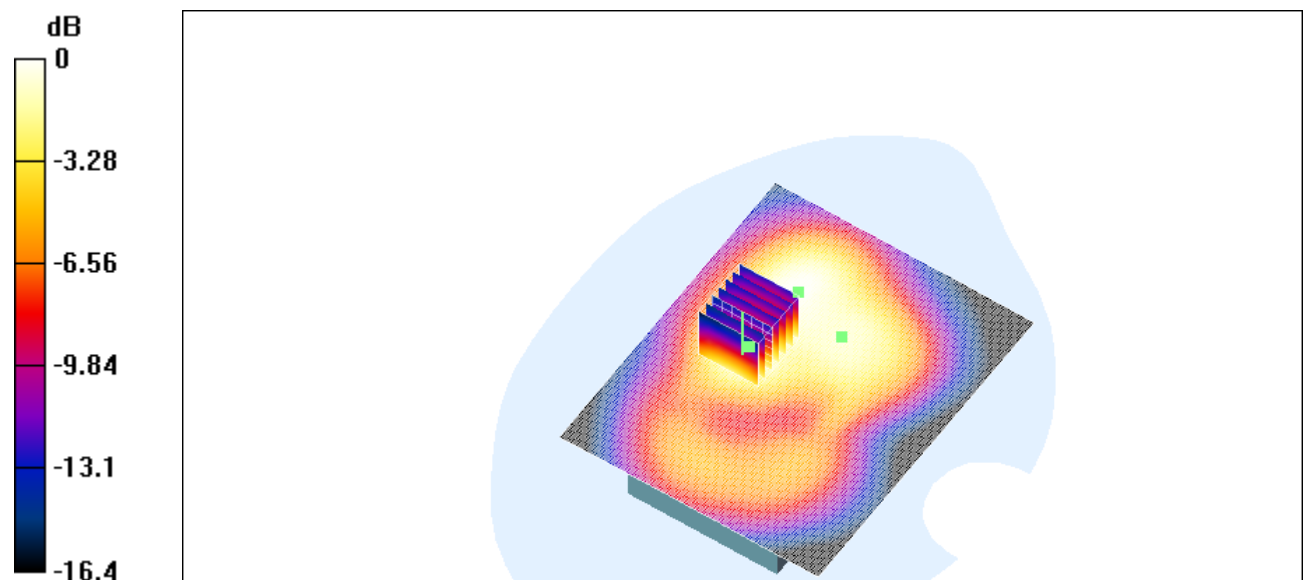
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.63 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.282 mW/g

Peak SAR (extrapolated) = 0.481 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.158 mW/g**



0 dB = 0.282mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_tasche\_BT\_WLAN\_1

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

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

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(5, 5, 5); 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 (131x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.63 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.298 mW/g

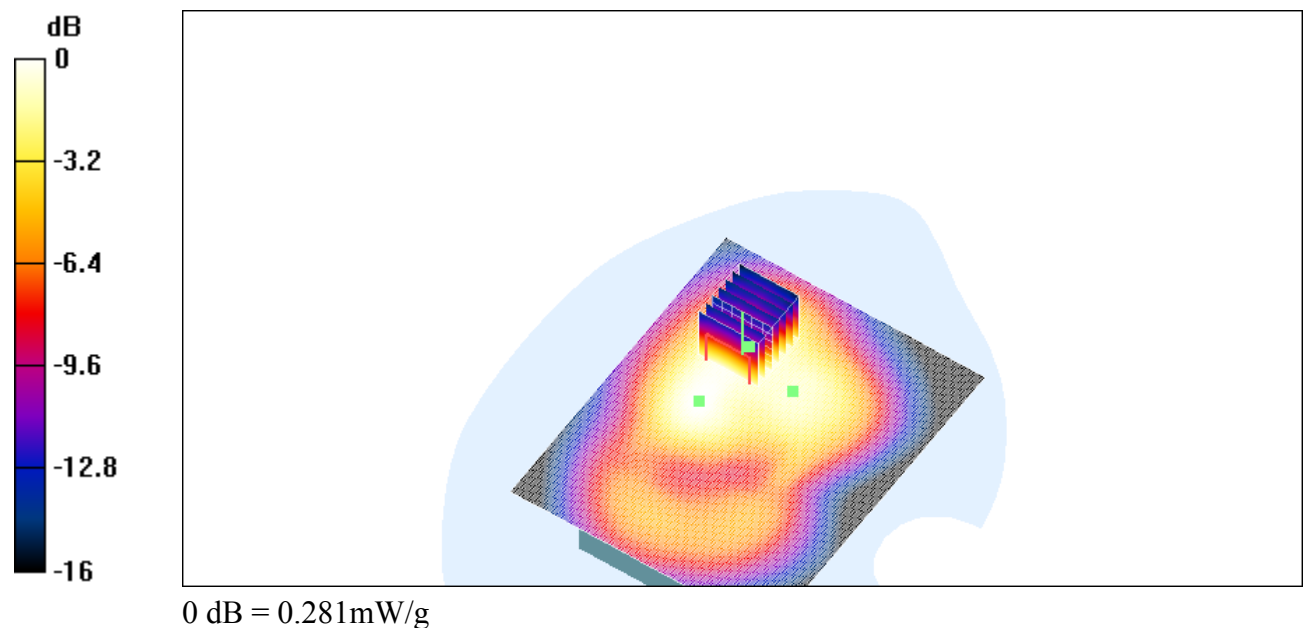
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.63 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.281 mW/g

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.156 mW/g**





## Appendix C

### Pictures



Appendix

A. Pictures











