

## **Appendix B**

### **Measurement Plots**

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### Dipol Valid.1900(h)\_250mW\_21.10.2005

**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;  $\sigma = 1.41$  mho/m;  
 $\epsilon_r = 39.9$ ;  $\rho = 1000$  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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**Dipol 1900 (250mW)/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.4 mW/g

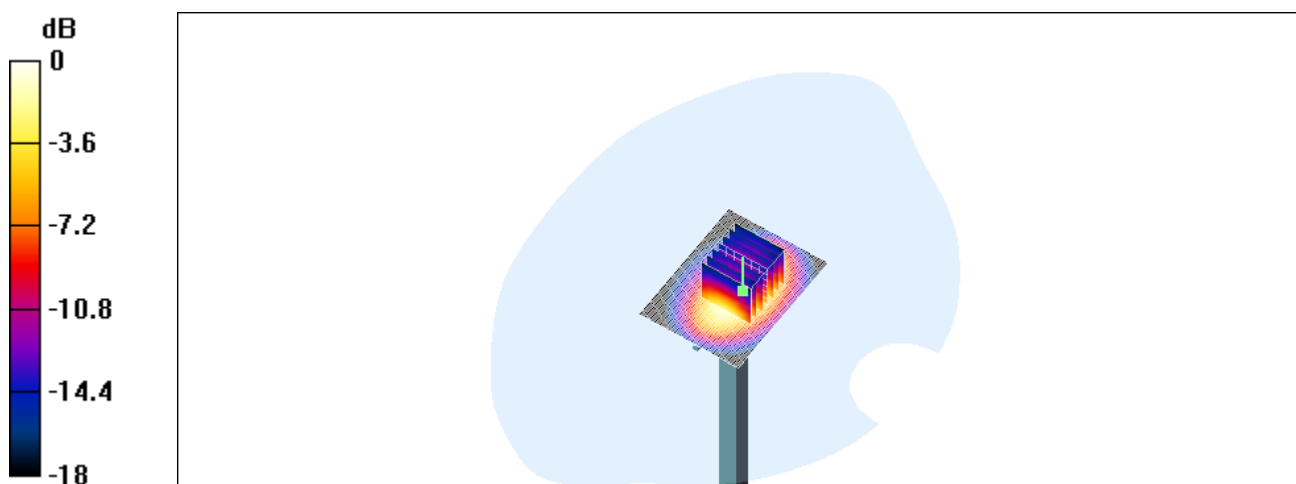
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.1 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 9.84 mW/g; SAR(10 g) = 5.05 mW/g**

Maximum value of SAR (measured) = 11.1 mW/g



0 dB = 11.1mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### Dipol Valid.1900(m)\_250mW\_21.10.2005

**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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**Dipol 1900 (250mW)/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 13 mW/g

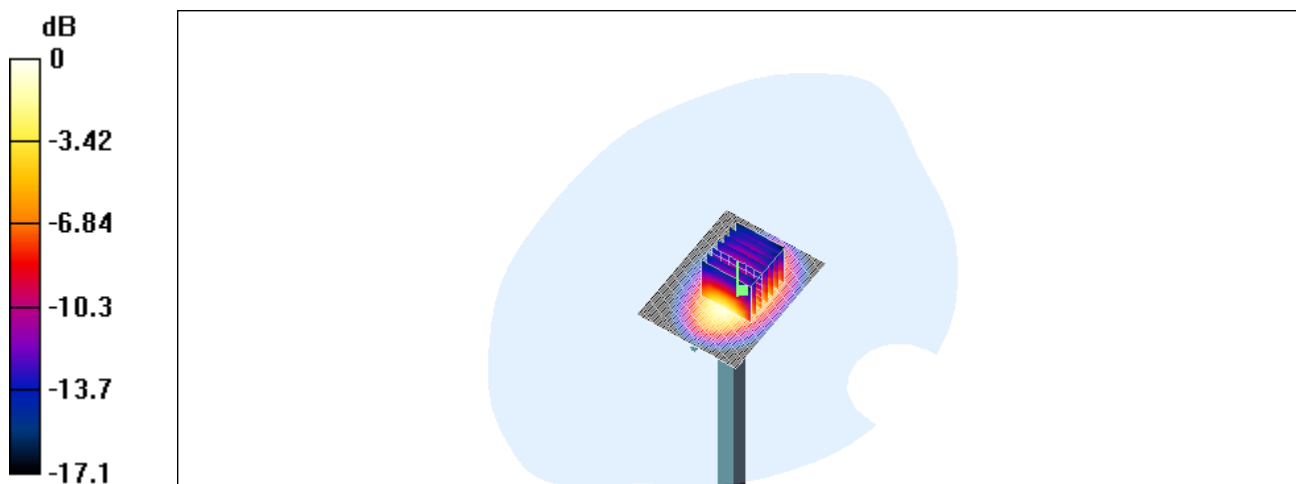
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.4 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 10.9 mW/g; SAR(10 g) = 5.76 mW/g**

Maximum value of SAR (measured) = 12.3 mW/g



0 dB = 12.3mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_left\_ch2\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

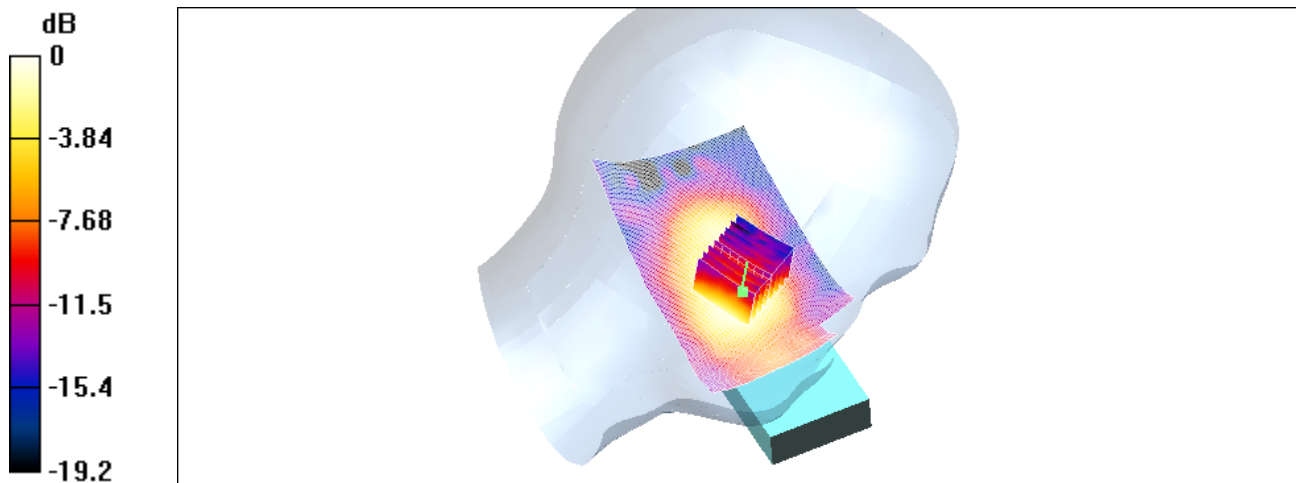
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.046 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.37 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.066 W/kg  
**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.025 mW/g**  
Maximum value of SAR (measured) = 0.045 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_left\_ch2\_tilted\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

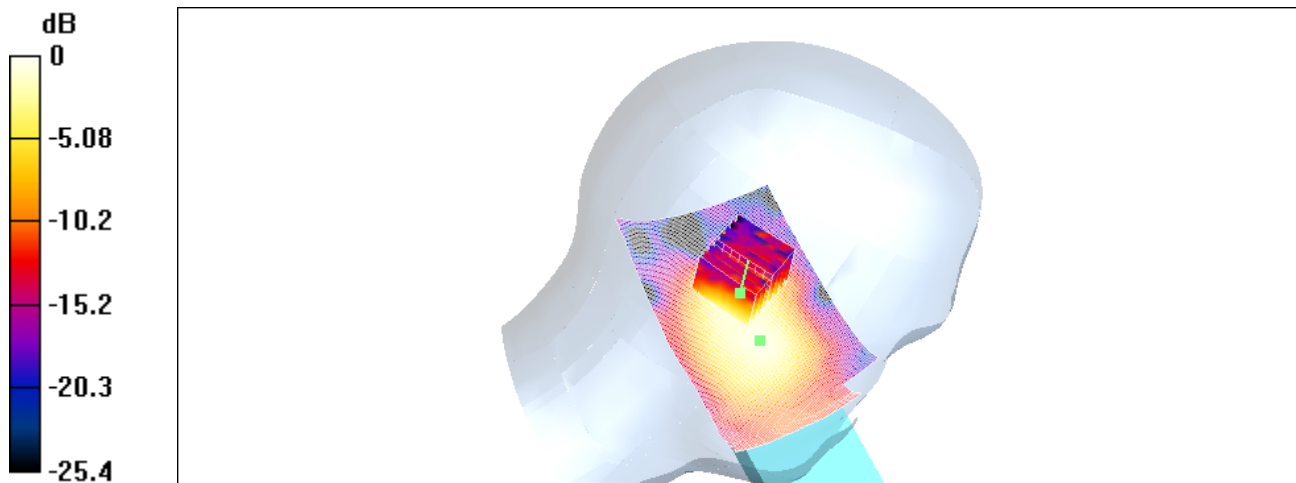
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.032 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.83 V/m; Power Drift = -0.0 dB  
Peak SAR (extrapolated) = 0.058 W/kg  
**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.014 mW/g**  
Maximum value of SAR (measured) = 0.032 mW/g



0 dB = 0.032mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_right\_ch0\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

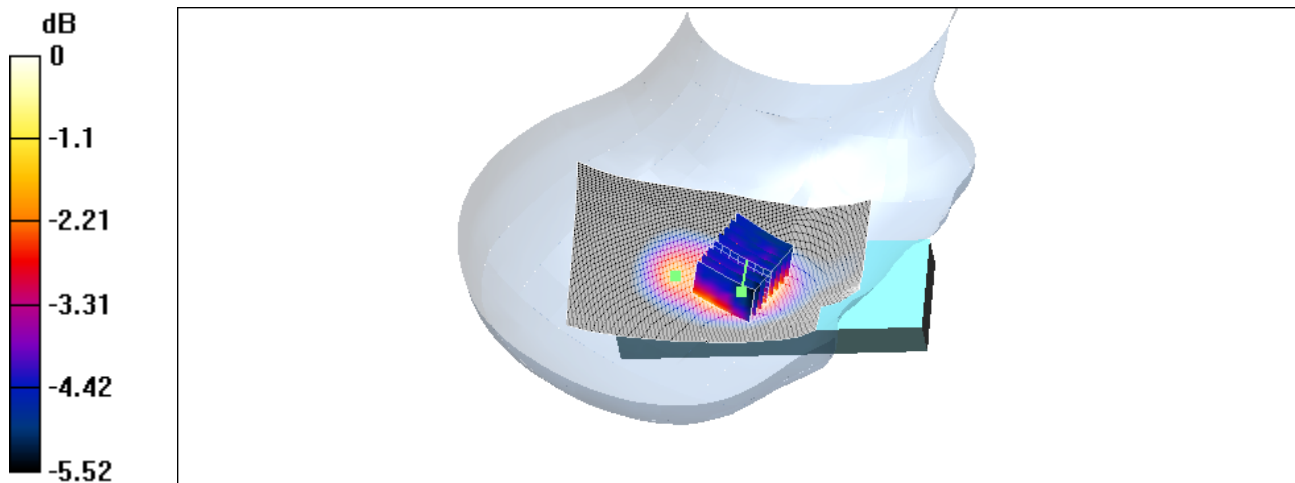
Communication System: UPCS single slot; Frequency: 1928.45 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1928.45$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.072 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.94 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.096 W/kg  
**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.052 mW/g**  
Maximum value of SAR (measured) = 0.077 mW/g



0 dB = 0.077mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_right\_ch2\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

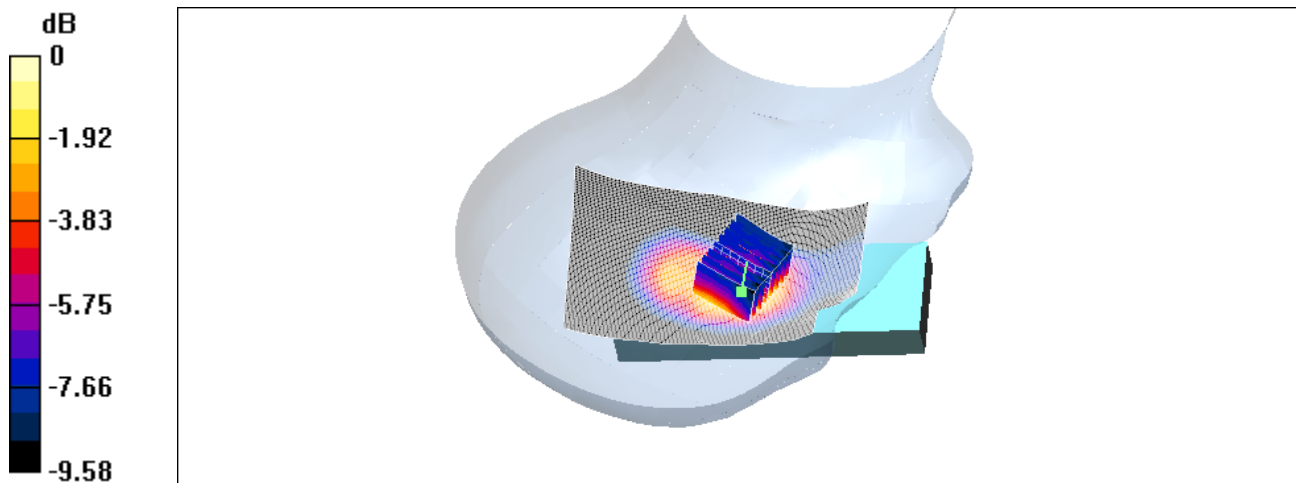
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.061 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.02 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.085 W/kg  
**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.038 mW/g**  
Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_right\_ch2\_tilted\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

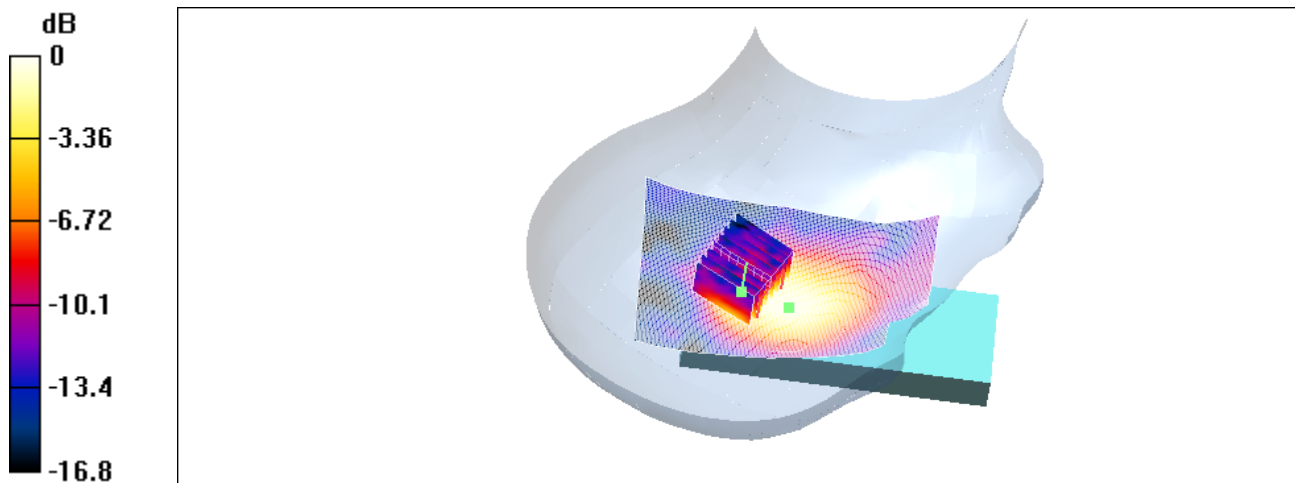
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.041 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.37 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.068 W/kg  
**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.019 mW/g**  
Maximum value of SAR (measured) = 0.039 mW/g





Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_right\_ch4\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

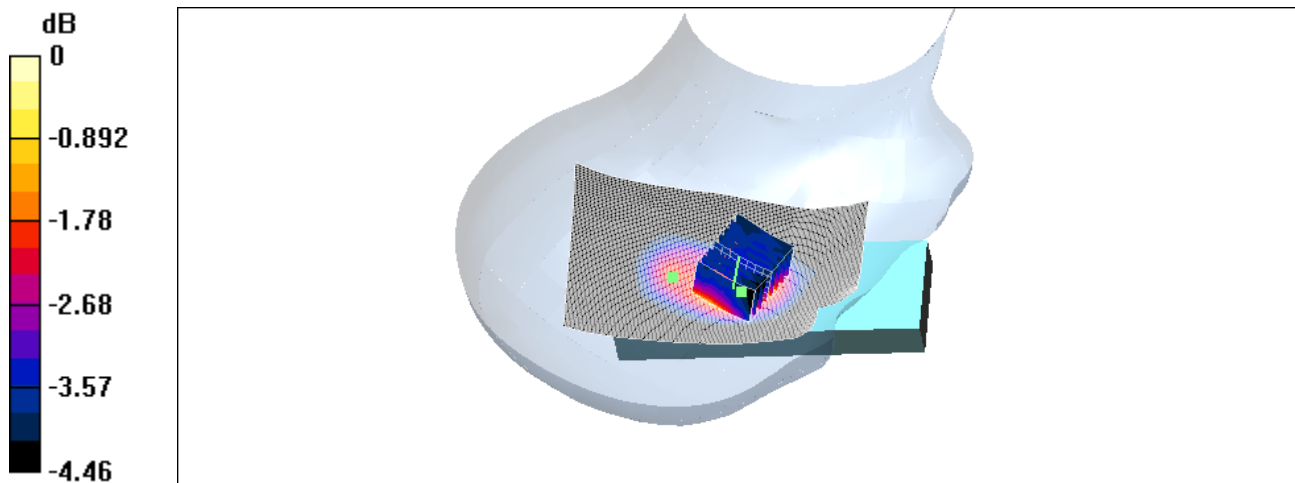
Communication System: UPCS single slot; Frequency: 1921.54 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1921.54$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.082 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 6.51 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.101 W/kg  
**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.061 mW/g**  
Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.085mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_flat\_ch2\_front\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

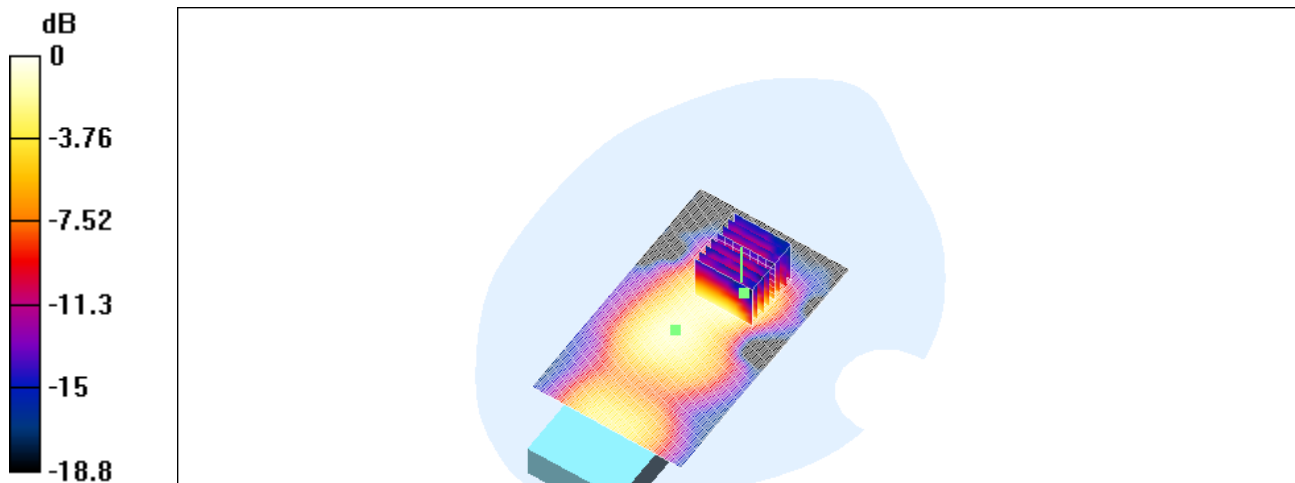
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Muscle 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.8$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.048 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.69 V/m; Power Drift = -0.009 dB  
Peak SAR (extrapolated) = 0.084 W/kg  
**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.024 mW/g**  
Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant0\_flat\_ch2\_back\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

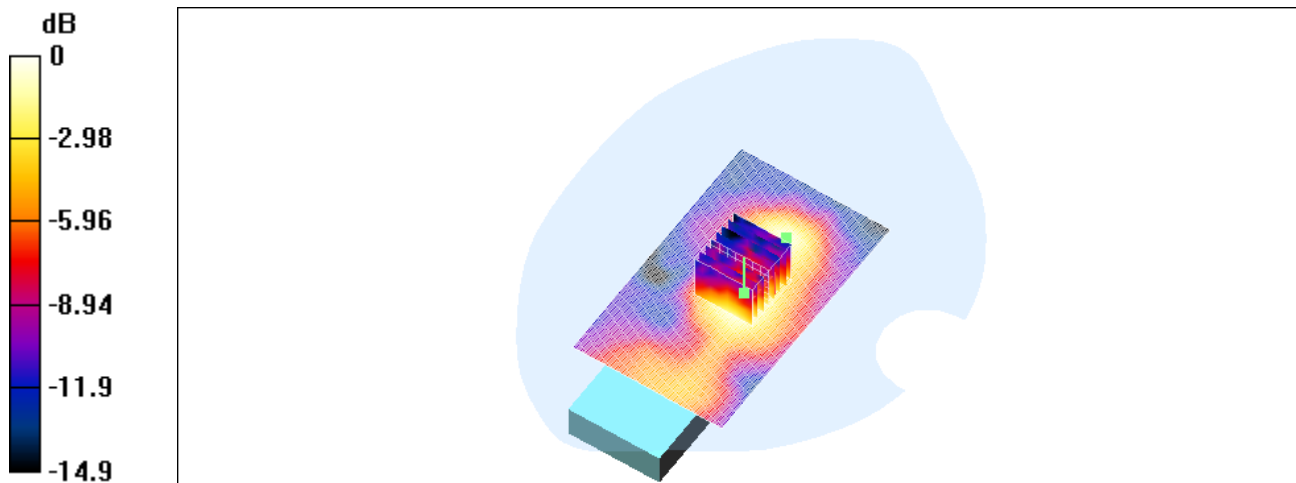
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Muscle 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.8$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.030 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.67 V/m; Power Drift = -0.1 dB  
Peak SAR (extrapolated) = 0.043 W/kg  
**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g**  
Maximum value of SAR (measured) = 0.029 mW/g



0 dB = 0.029mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_left\_ch0\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

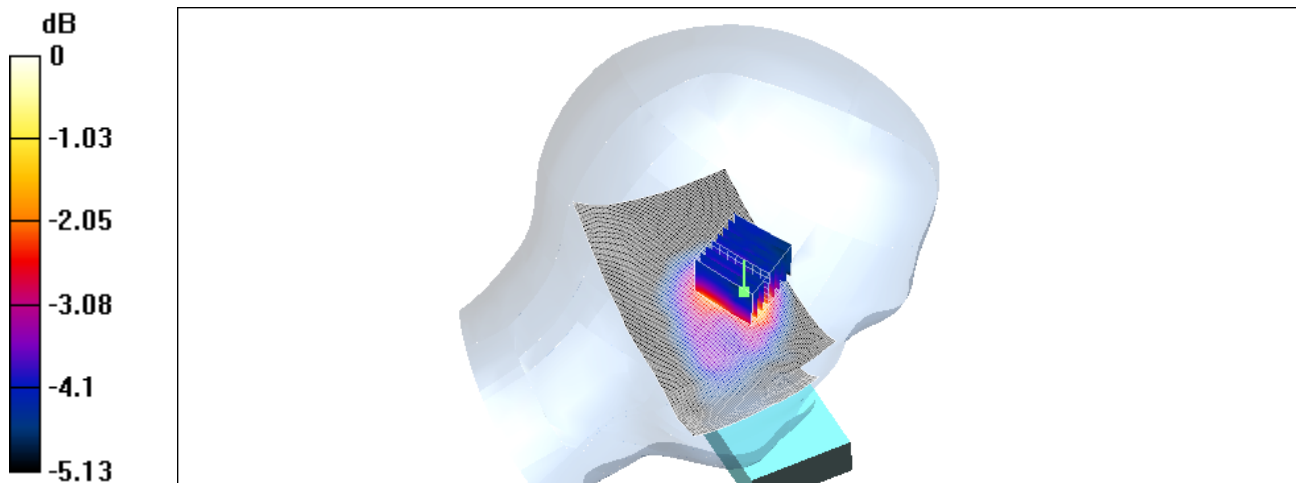
Communication System: UPCS single slot; Frequency: 1928.45 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1928.45$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.093 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.85 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.125 W/kg  
**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.059 mW/g**  
Maximum value of SAR (measured) = 0.091 mW/g



0 dB = 0.091mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_left\_ch2\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

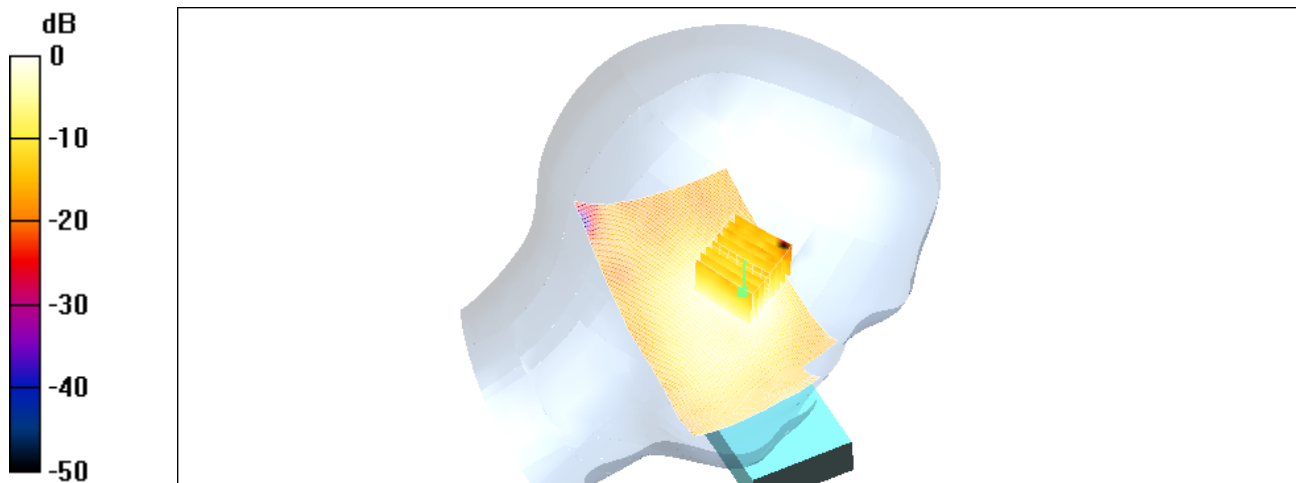
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.066 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.109 W/kg  
**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.031 mW/g**  
Maximum value of SAR (measured) = 0.066 mW/g



0 dB = 0.066mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_left\_ch2\_tilted\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

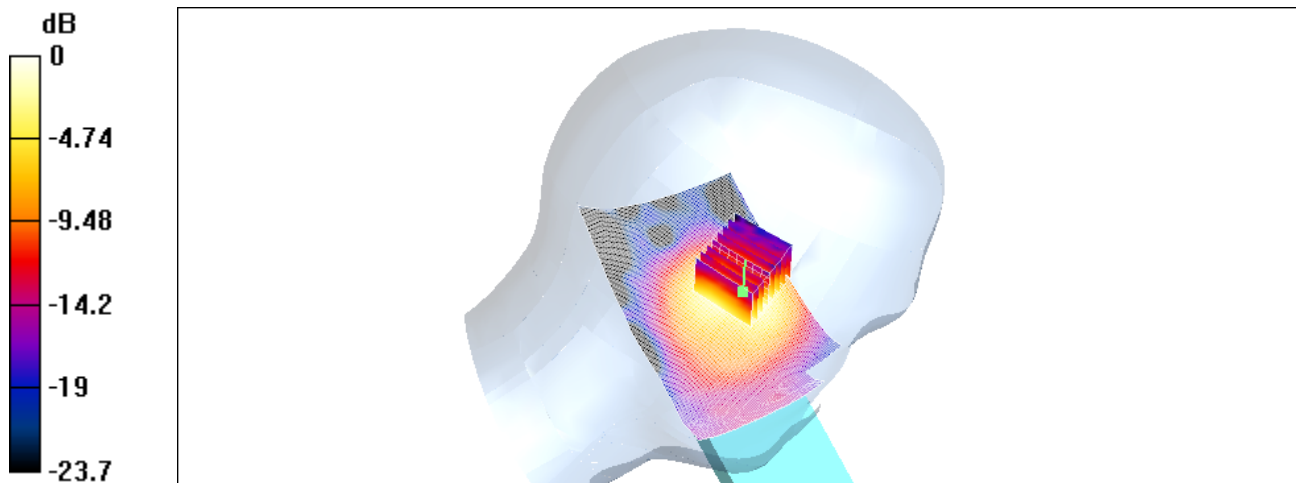
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.045 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.6 V/m; Power Drift = -0.0 dB  
Peak SAR (extrapolated) = 0.067 W/kg  
**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g**  
Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.045mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_left\_ch4\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

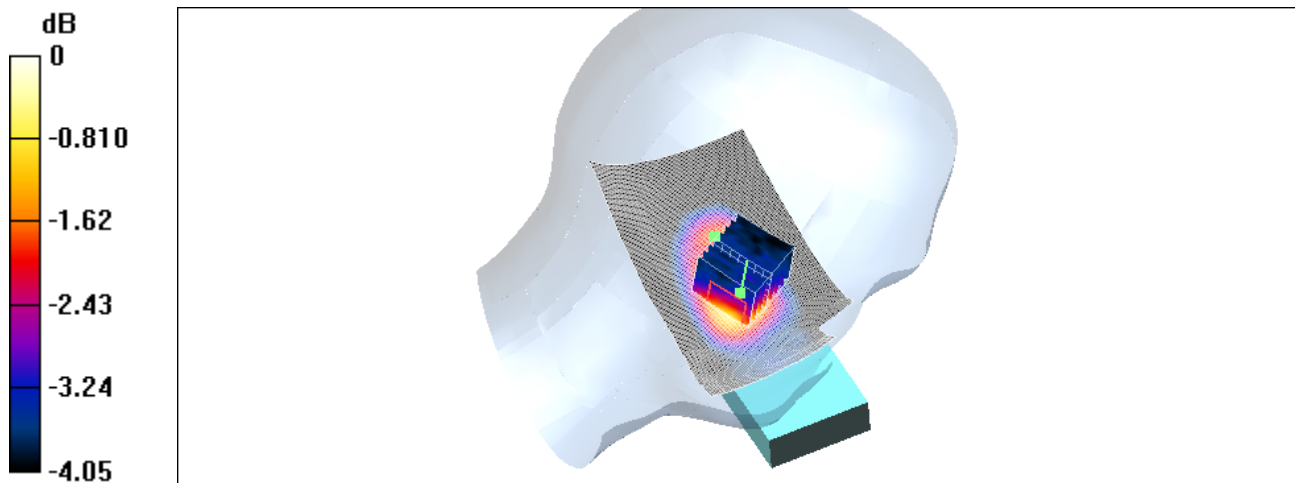
Communication System: UPCS single slot; Frequency: 1921.54 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1921.54$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.069 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 6.04 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.077 W/kg  
**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.050 mW/g**  
Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.068mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_right\_ch2\_cheek\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

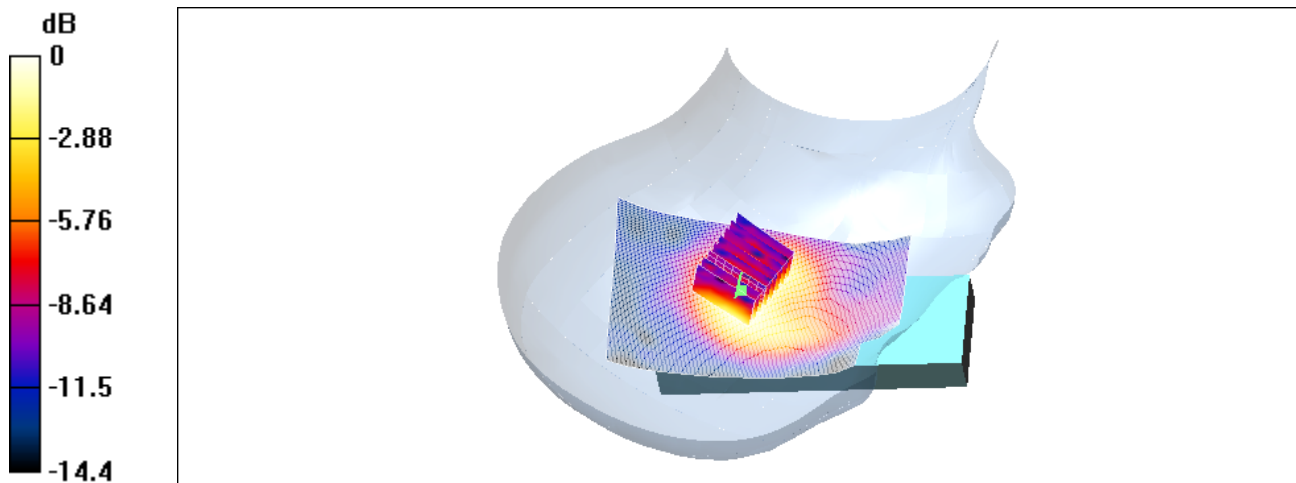
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.040 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.7 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.061 W/kg  
**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.023 mW/g**  
Maximum value of SAR (measured) = 0.040 mW/g



0 dB = 0.040mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_right\_ch2\_tilted\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

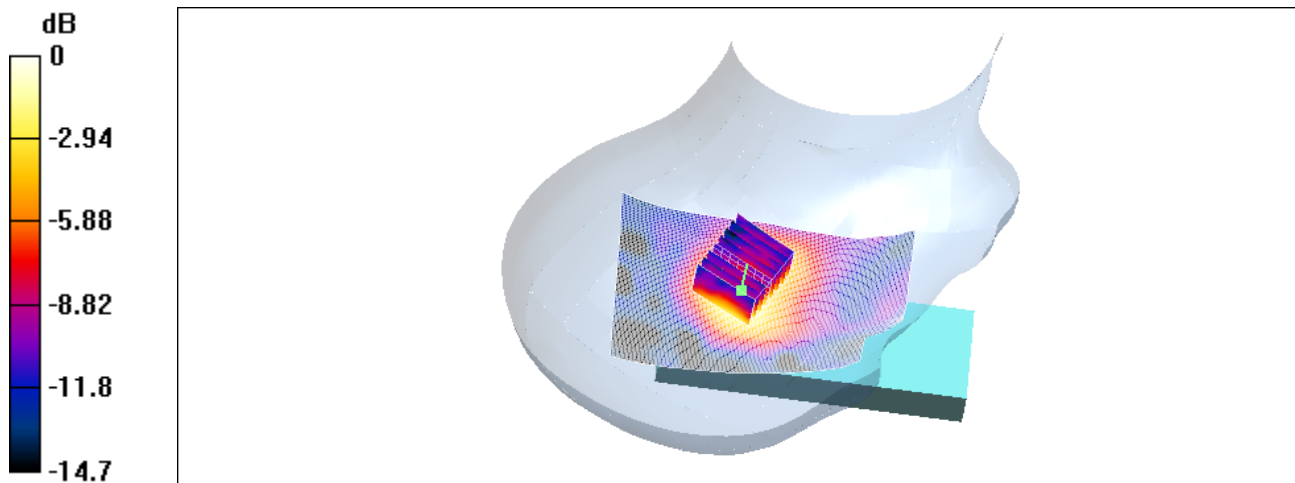
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Head 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.033 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.86 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 0.050 W/kg  
**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.019 mW/g**  
Maximum value of SAR (measured) = 0.035 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_flat\_ch2\_front\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

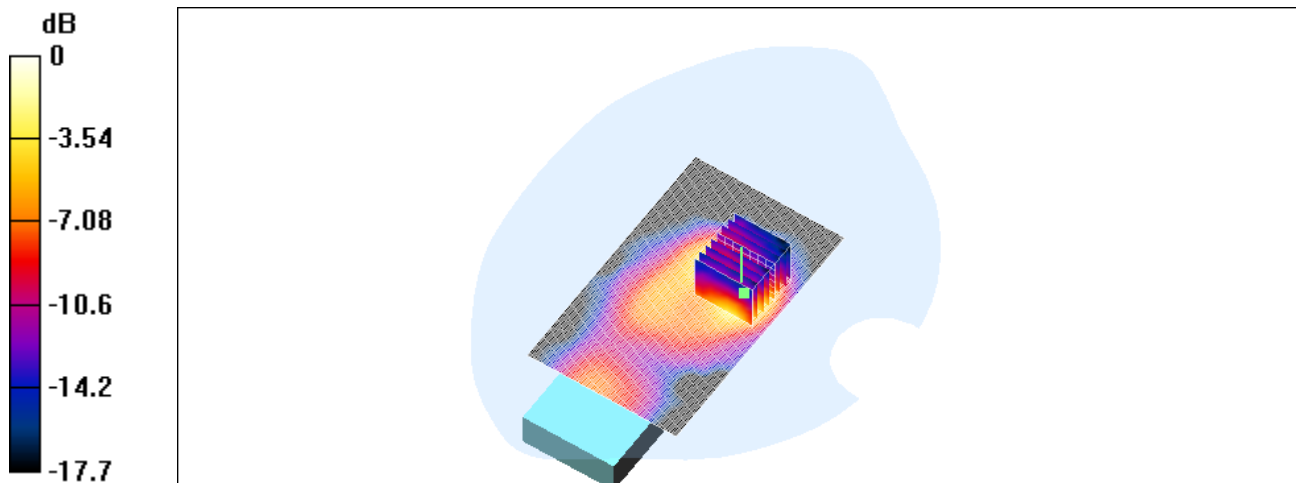
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Muscle 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.8$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.064 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.73 V/m; Power Drift = 0.001 dB  
Peak SAR (extrapolated) = 0.100 W/kg  
**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.032 mW/g**  
Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.064mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### ant1\_flat\_ch2\_back\_new

**DUT: RTX TelecomA/S; Type: Carol; Serial: DT292**

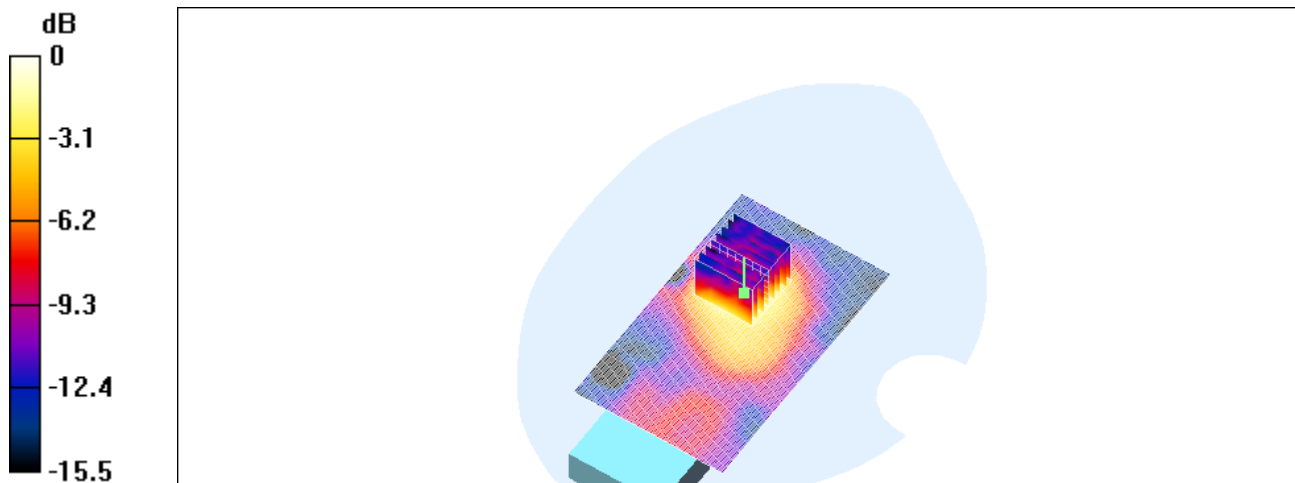
Communication System: UPCS single slot; Frequency: 1924.99 MHz; Duty Cycle: 1:24  
Medium: Muscle 1900 MHz Medium parameters used:  $f = 1924.99$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.8$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

**DT292/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.035 mW/g

**DT292/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.34 V/m; Power Drift = 0.1dB  
Peak SAR (extrapolated) = 0.060 W/kg  
**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.018 mW/g**  
Maximum value of SAR (measured) = 0.036 mW/g



0 dB = 0.036mW/g