

## **Annex B**

### **Measurement Plots**

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Test Report No.: G5M208010006-S-8

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Annex B

Test Laboratory: ETS PRODUCT SERVICE AG

## Dipol Valid.1900(h)\_250mW31.3.2008

**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:  $f = 1900$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Dipol 1900 (250mW)/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 11.5 mW/g

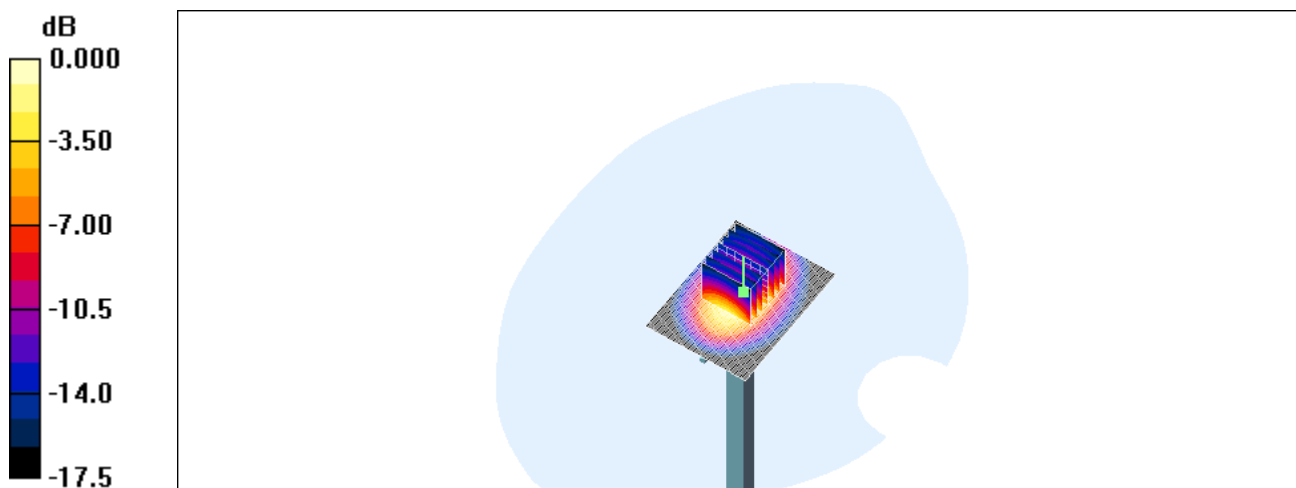
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.4 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 17.9 W/kg

**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.28 mW/g**

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



0 dB = 11.5mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### Dipol Valid.1900(h)\_250mW1.4.2008

**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:  $f = 1900$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Dipol 1900 (250mW)/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 11.8 mW/g

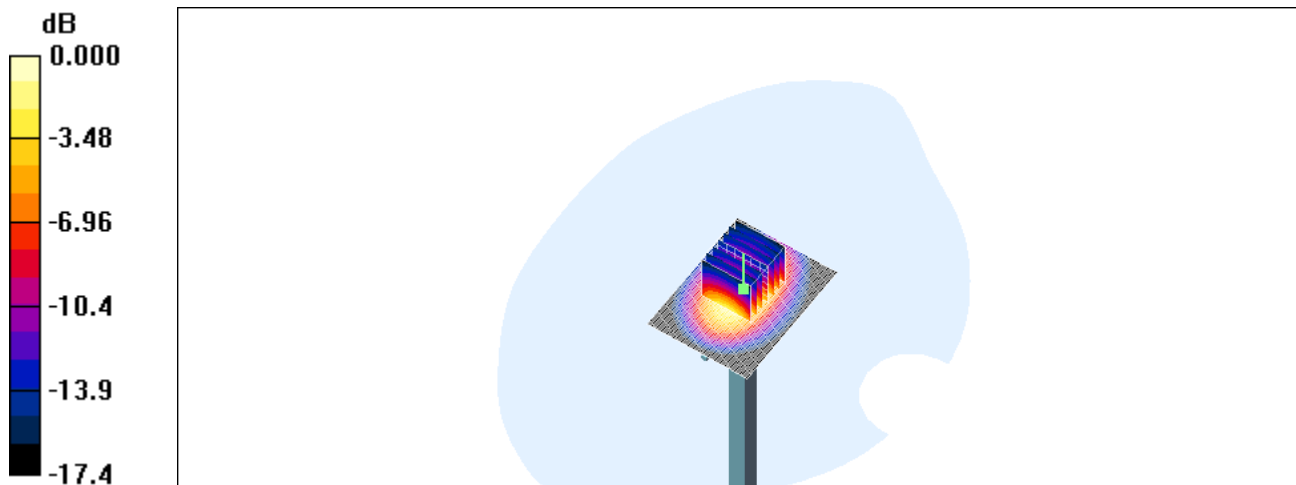
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.3 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.45 mW/g**

Maximum value of SAR (measured) = 12.0 mW/g



0 dB = 12.0mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### Dipol Valid.1900(h)\_250mW2.4.2008

**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:  $f = 1900$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Dipol 1900 (250mW)/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 11.2 mW/g

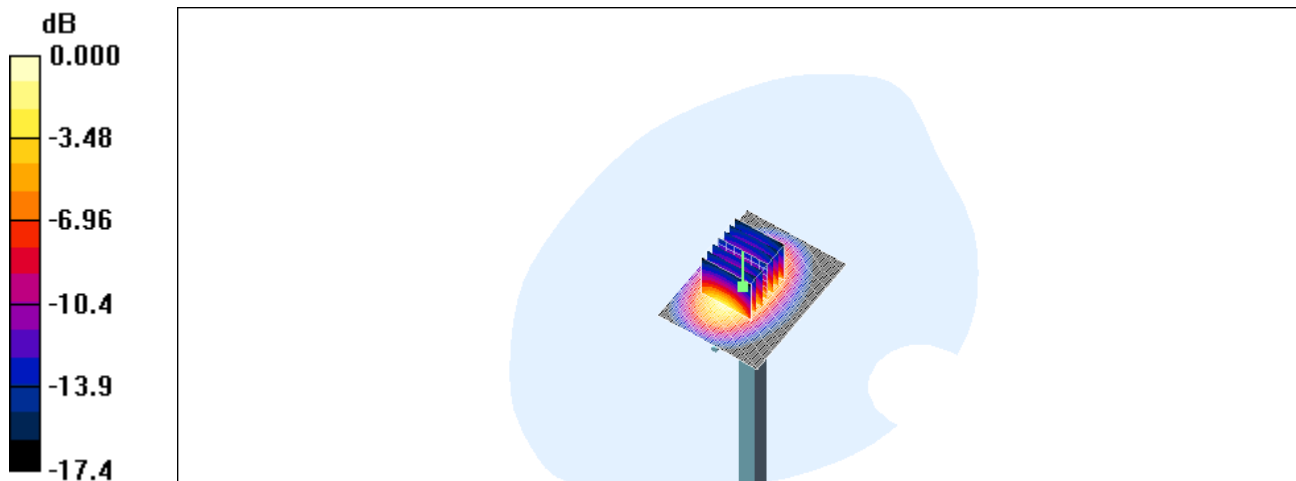
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.6 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 17.3 W/kg

**SAR(1 g) = 9.82 mW/g; SAR(10 g) = 5.16 mW/g**

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



0 dB = 11.2mW/g

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### Dipol Valid.900 (h)\_250mW 8.4.2008

**DUT: Dipole 900 MHz; Type: D900V2; Serial: 164**

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.944$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.58, 6.58, 6.58); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Dipol 900 (250mW)/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 2.57 mW/g

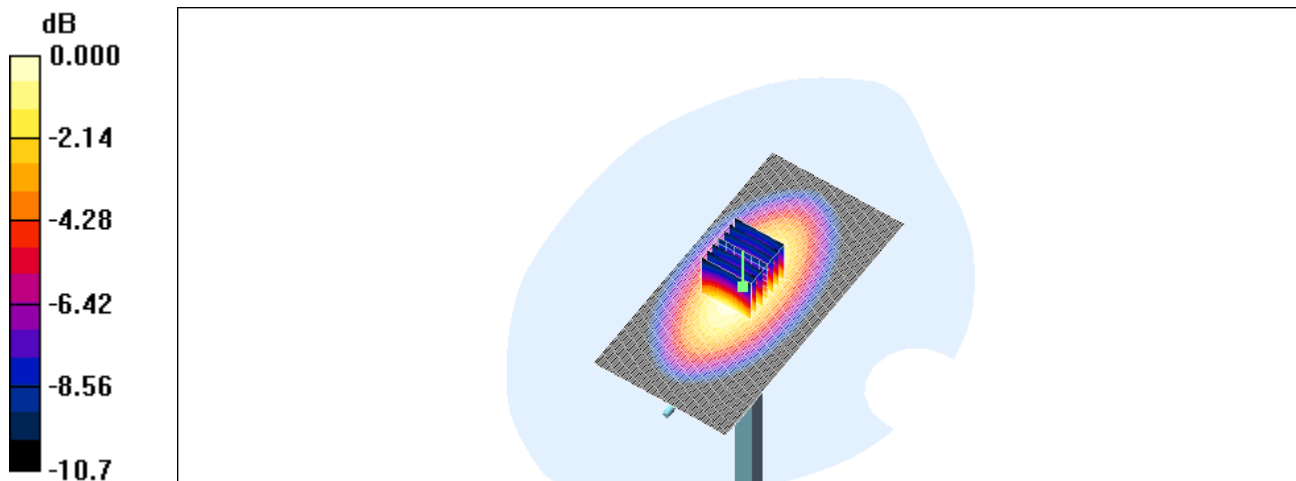
**Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.3 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 3.24 W/kg

**SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.64 mW/g**

Maximum value of SAR (measured) = 2.53 mW/g



0 dB = 2.53mW/g

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### Dipol Valid.1900(m)\_250mW2.4.2008

**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(4.71, 4.71, 4.71); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Dipol 1900 (250mW)/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 12.8 mW/g

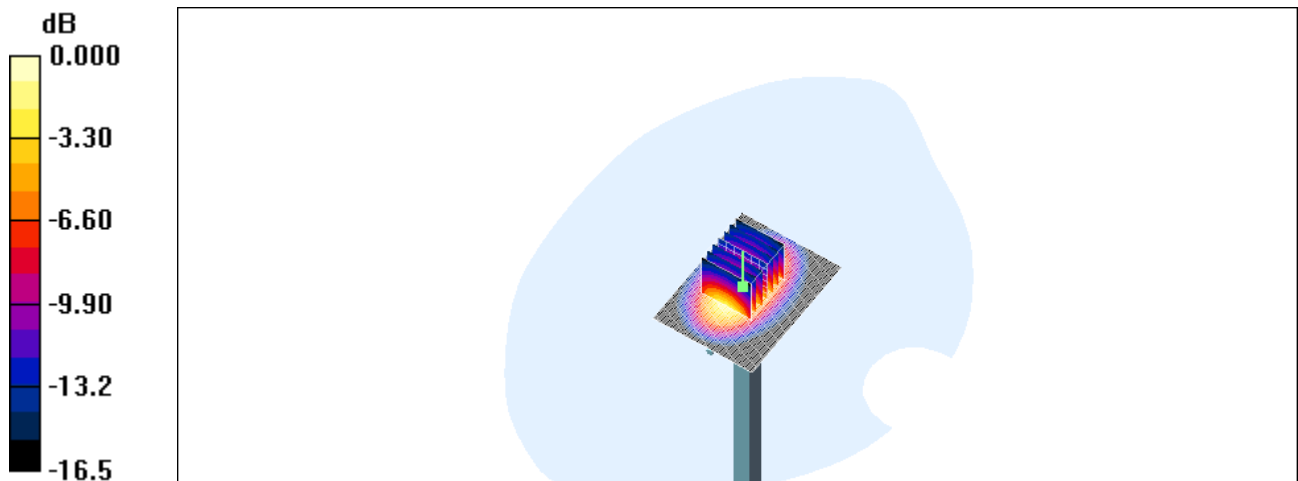
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.5 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 17.4 W/kg

**SAR(1 g) = 10.9 mW/g; SAR(10 g) = 5.82 mW/g**

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



0 dB = 12.8mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### Dipol Valid.1900(m)\_250mW 3.4.2008

**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(4.71, 4.71, 4.71); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Dipol 1900 (250mW)/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 12.2 mW/g

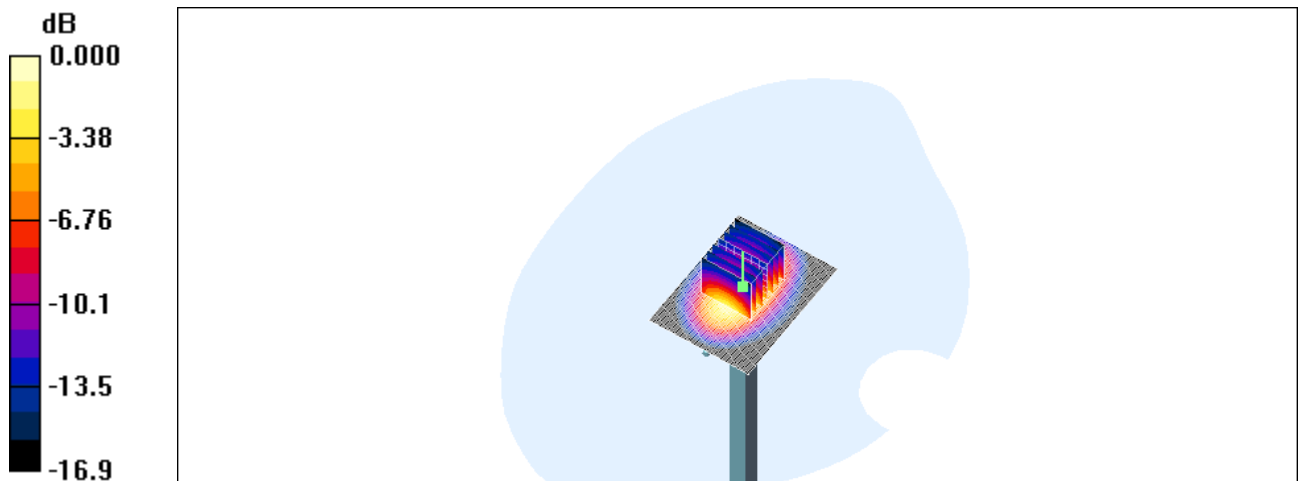
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.6 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 17.7 W/kg

**SAR(1 g) = 10.8 mW/g; SAR(10 g) = 5.64 mW/g**

Maximum value of SAR (measured) = 11.9 mW/g



0 dB = 11.9mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### Dipol Valid.900 (m)\_250mW4.4.2008

**DUT: Dipole 900 MHz; Type: D900V2; Serial: 164**

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Muscle 900 MHz Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 54.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.04, 6.04, 6.04); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Dipol 900 (250mW)/Area Scan (81x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
Maximum value of SAR (interpolated) = 2.91 mW/g

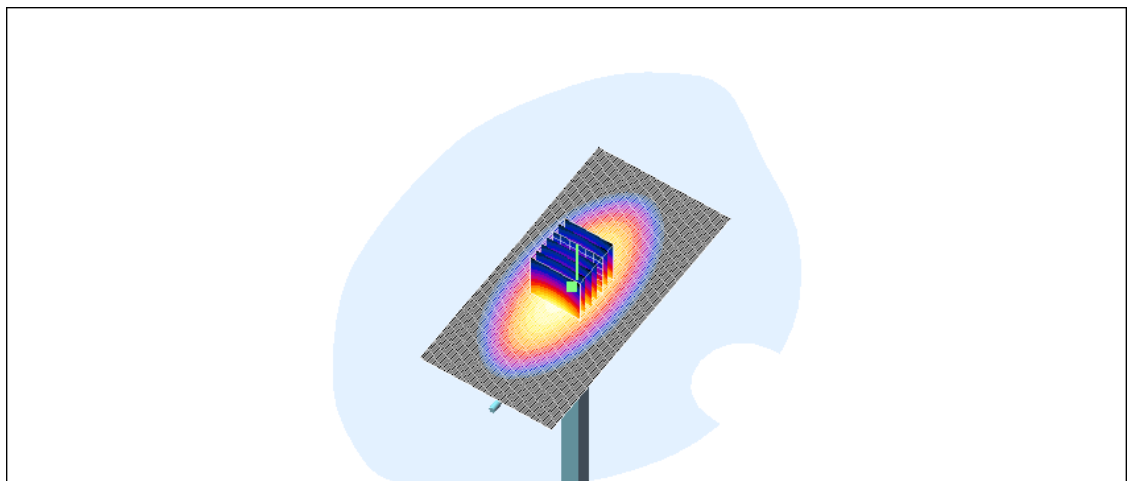
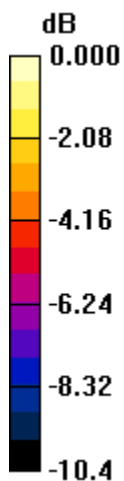
**Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 55.9 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 3.76 W/kg

**SAR(1 g) = 2.75 mW/g; SAR(10 g) = 1.75 mW/g**

Maximum value of SAR (measured) = 2.91 mW/g



0 dB = 2.91mW/g



Test Laboratory: ETS PRODUCT SERVICE AG

## GSM\_850\_\_left\_ch189\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Head 900 MHz Medium parameters used:  $f = 836.512$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.58, 6.58, 6.58); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.489 mW/g

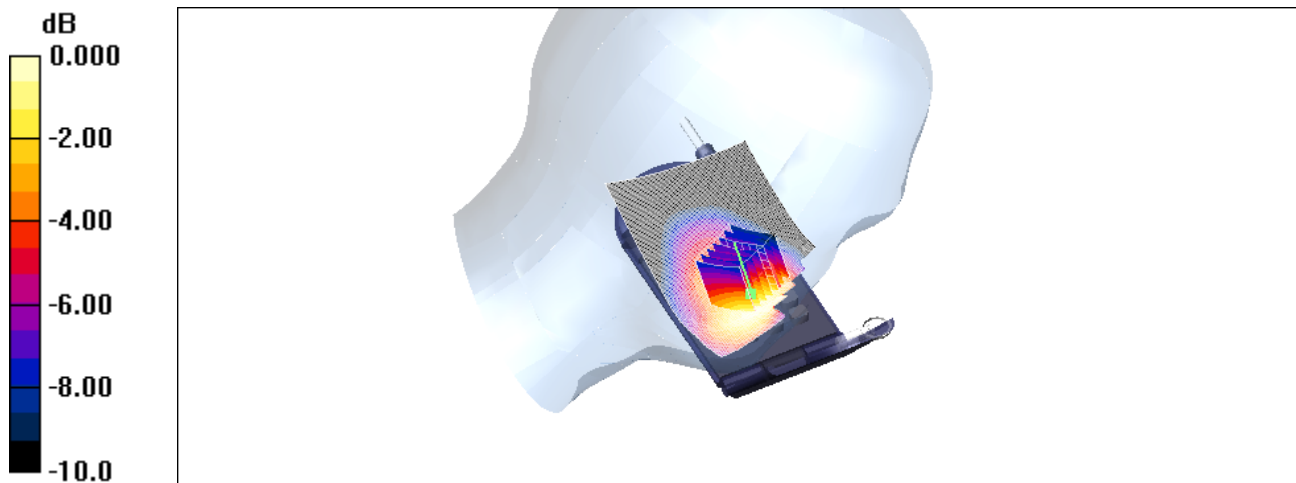
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.69 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.782 W/kg

**SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 0.528 mW/g



0 dB = 0.528mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## GSM\_850\_\_left\_ch189\_tilted

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Head 900 MHz Medium parameters used:  $f = 836.512$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.58, 6.58, 6.58); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.188 mW/g

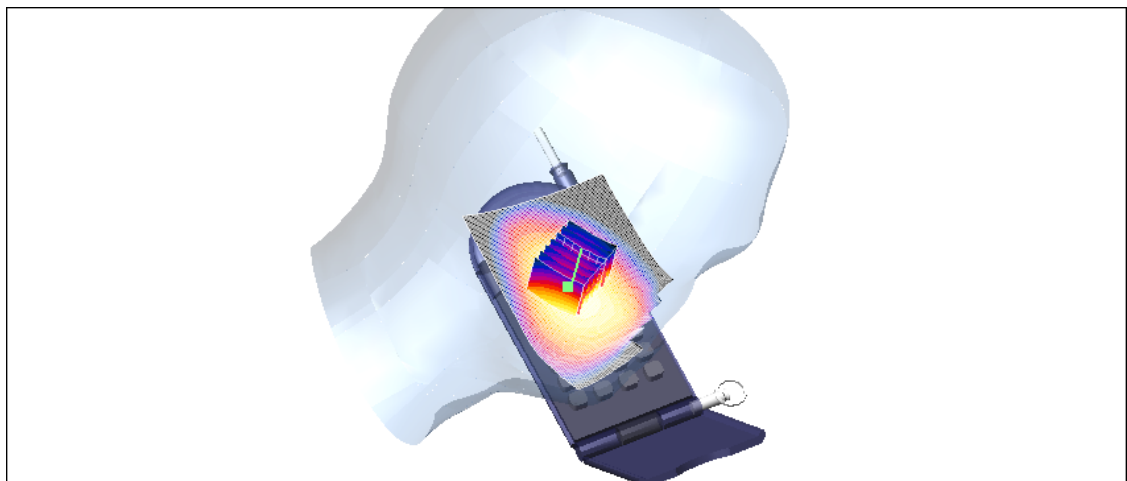
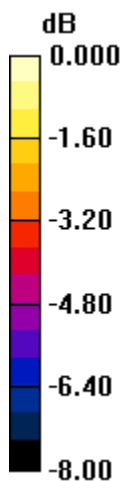
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.91 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## GSM\_850\_\_right\_ch128\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Head 900 MHz Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.874$  mho/m;

$\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.58, 6.58, 6.58); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.561 mW/g

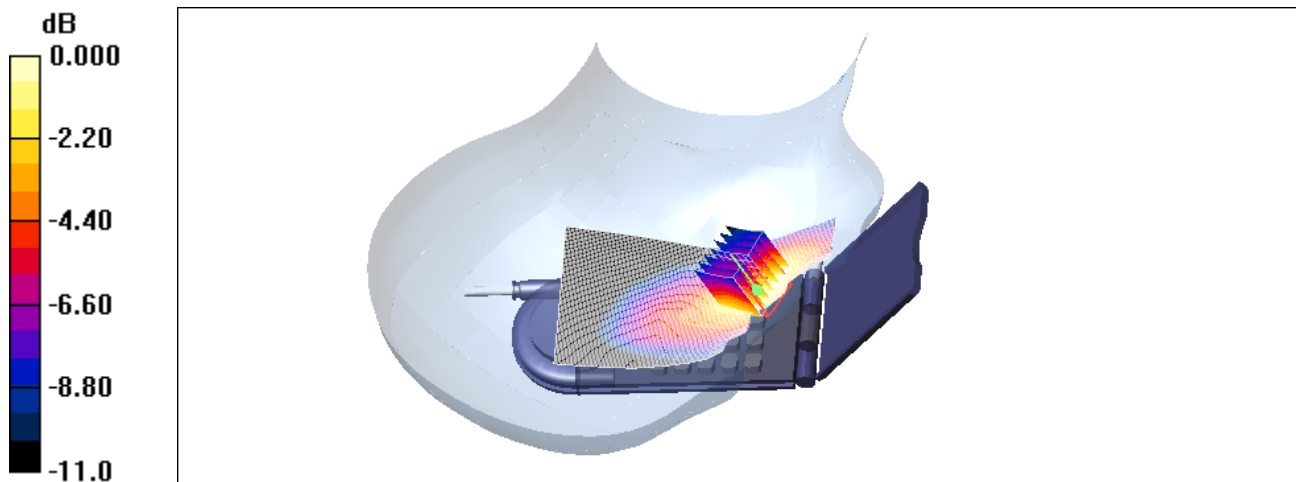
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.55 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.907 W/kg

**SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (measured) = 0.585 mW/g



0 dB = 0.585mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## GSM\_850\_\_right\_ch189\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Head 900 MHz Medium parameters used:  $f = 836.512$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.58, 6.58, 6.58); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.560 mW/g

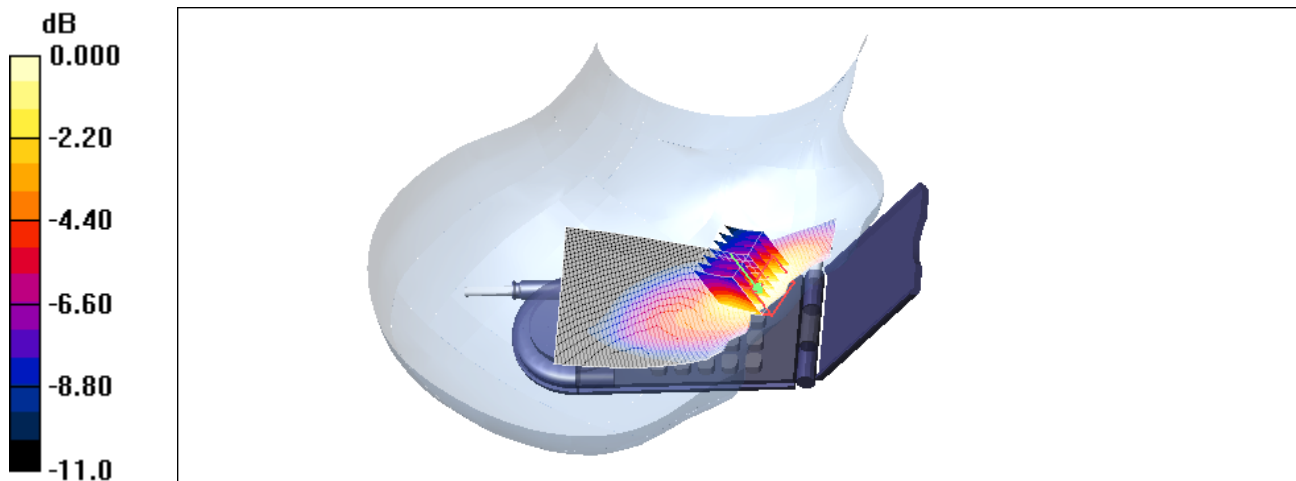
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.32 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.851 W/kg

**SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.347 mW/g**

Maximum value of SAR (measured) = 0.547 mW/g



0 dB = 0.547mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## GSM\_850\_\_right\_ch189\_tilted

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Head 900 MHz Medium parameters used:  $f = 836.512$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.58, 6.58, 6.58); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.176 mW/g

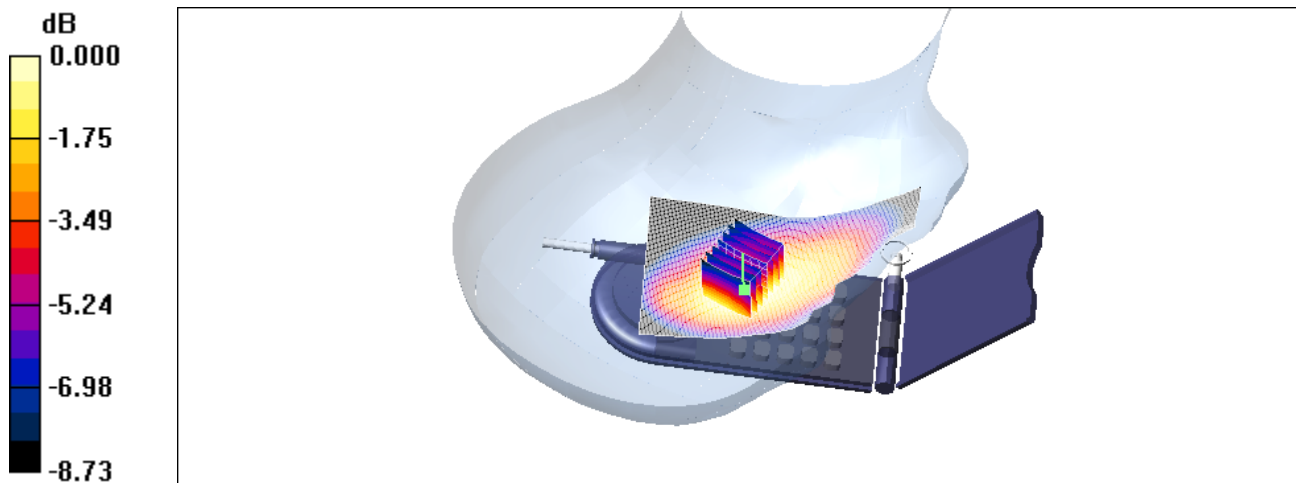
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.96 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.175 mW/g



Test Laboratory: ETS PRODUCT SERVICE AG

## GSM\_850\_\_right\_ch251\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Head 900 MHz Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.58, 6.58, 6.58); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.668 mW/g

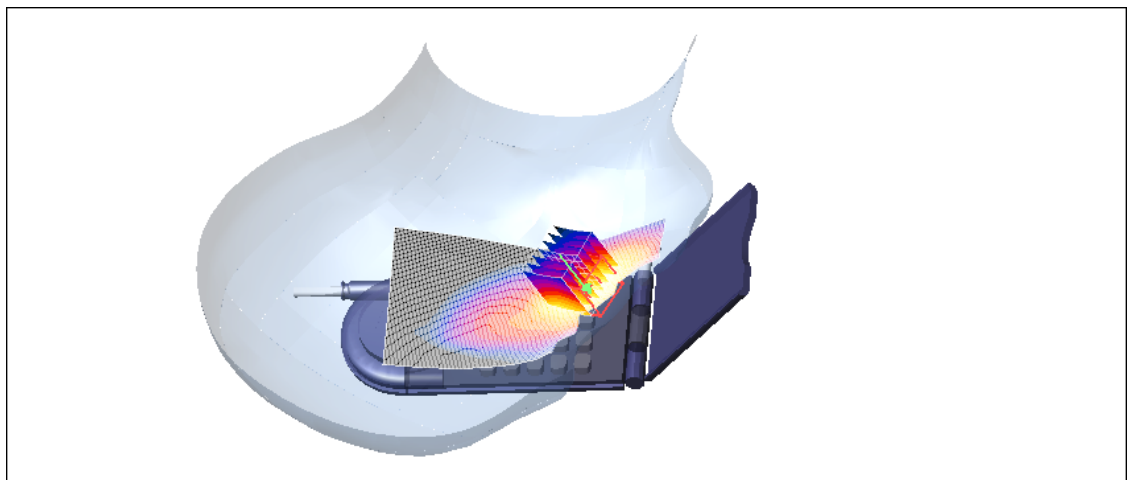
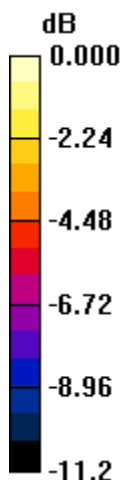
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.64 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.419 mW/g**

Maximum value of SAR (measured) = 0.671 mW/g



0 dB = 0.671mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## PCS\_1900\_left\_ch661\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12**

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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.362 mW/g

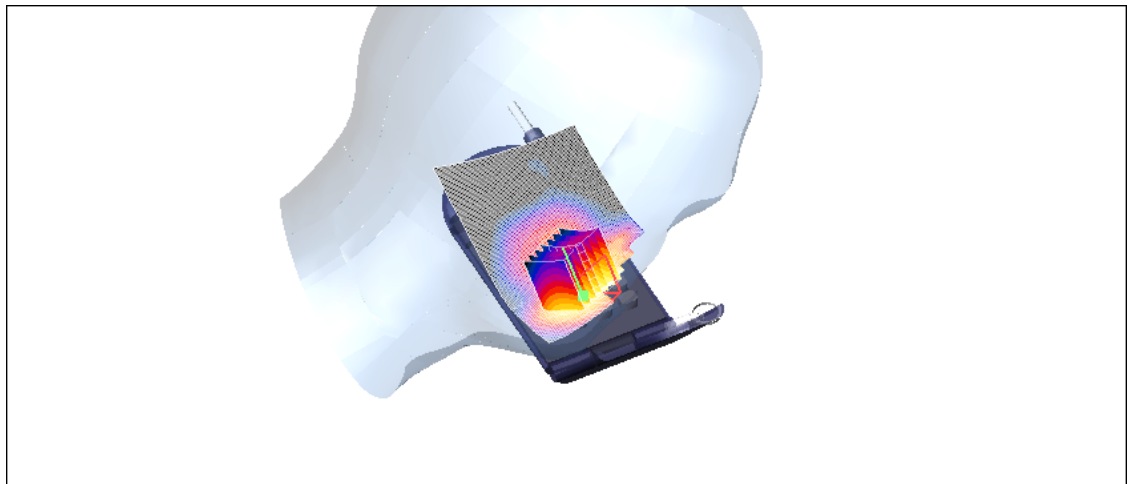
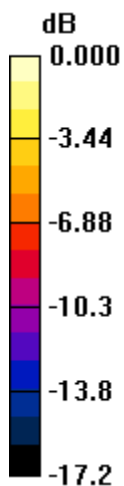
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.19 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.451 W/kg

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.203 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## PCS\_1900\_left\_ch661\_tilted

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.102 mW/g

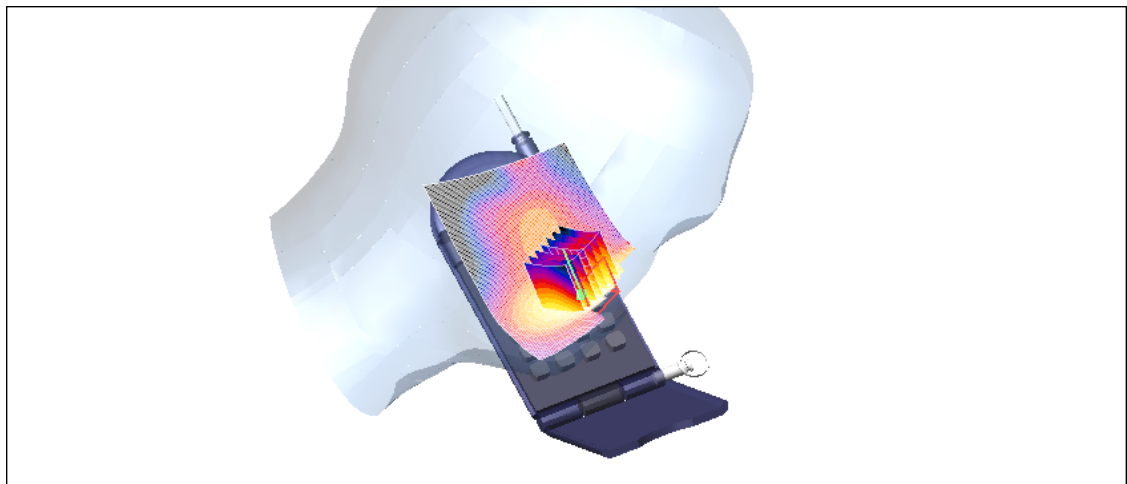
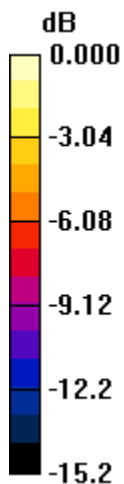
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.17 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.136 W/kg

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.062 mW/g**

Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101mW/g



Test Laboratory: ETS PRODUCT SERVICE AG

## PCS\_1900\_right\_ch512\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used:  $f = 1850.2$  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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.837 mW/g

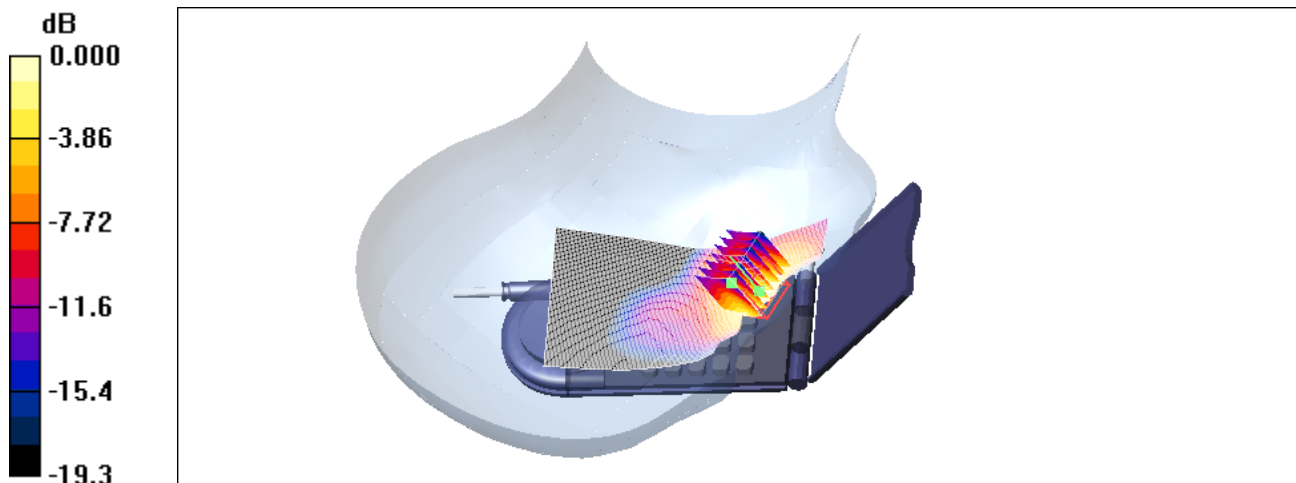
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.97 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.448 mW/g**

Maximum value of SAR (measured) = 0.831 mW/g



0 dB = 0.831mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## PCS\_1900\_right\_ch661\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.906 mW/g

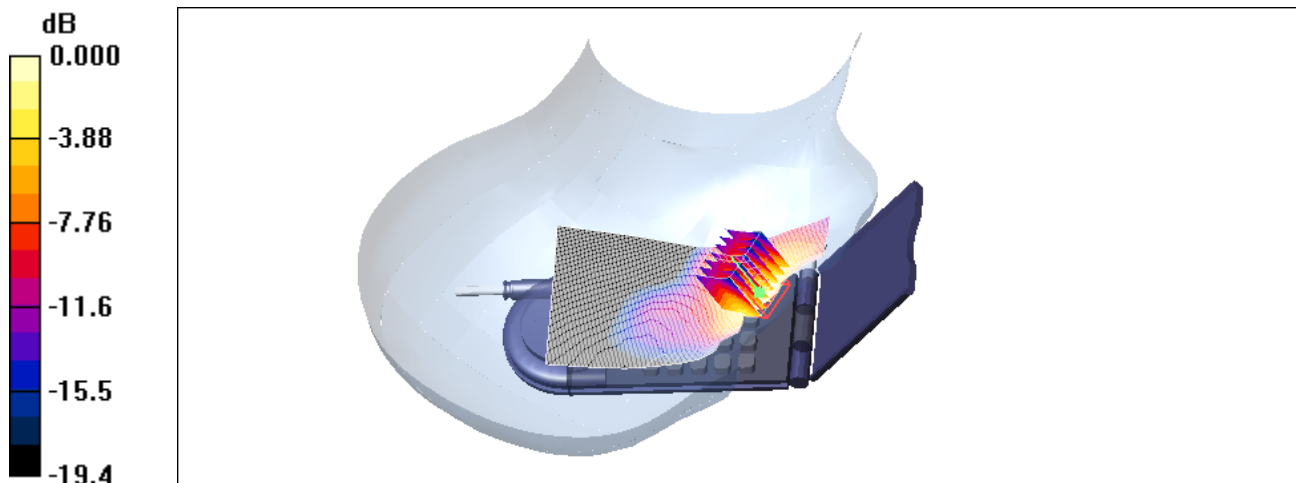
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.05 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.484 mW/g**

Maximum value of SAR (measured) = 0.908 mW/g



0 dB = 0.908mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## PCS\_1900\_right\_ch661\_tilted

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.117 mW/g

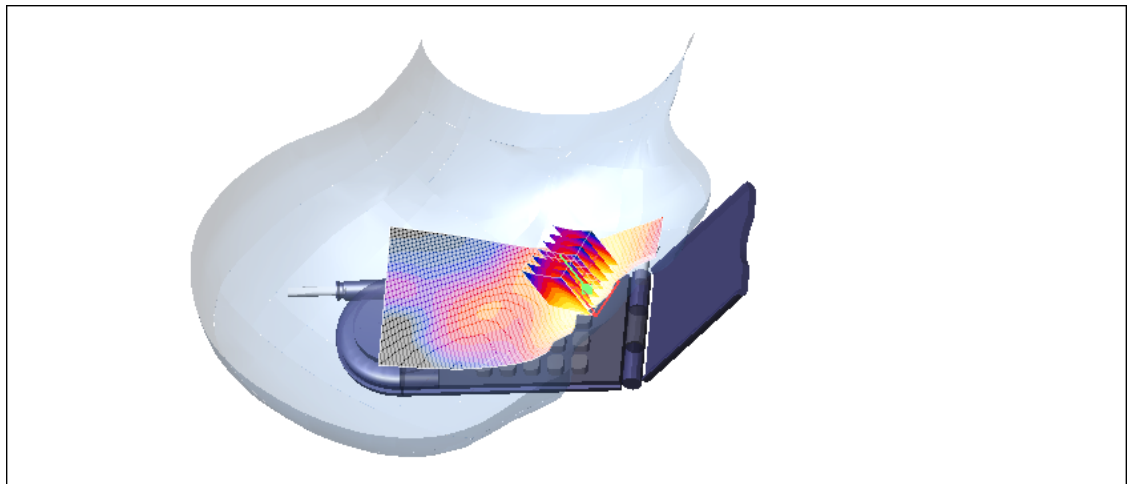
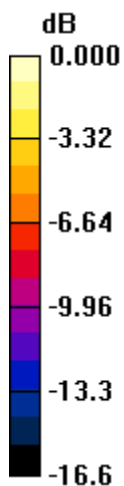
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.51 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.116 mW/g



0 dB = 0.116mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## PCS\_1900\_right\_ch810\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used:  $f = 1909.8$  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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.790 mW/g

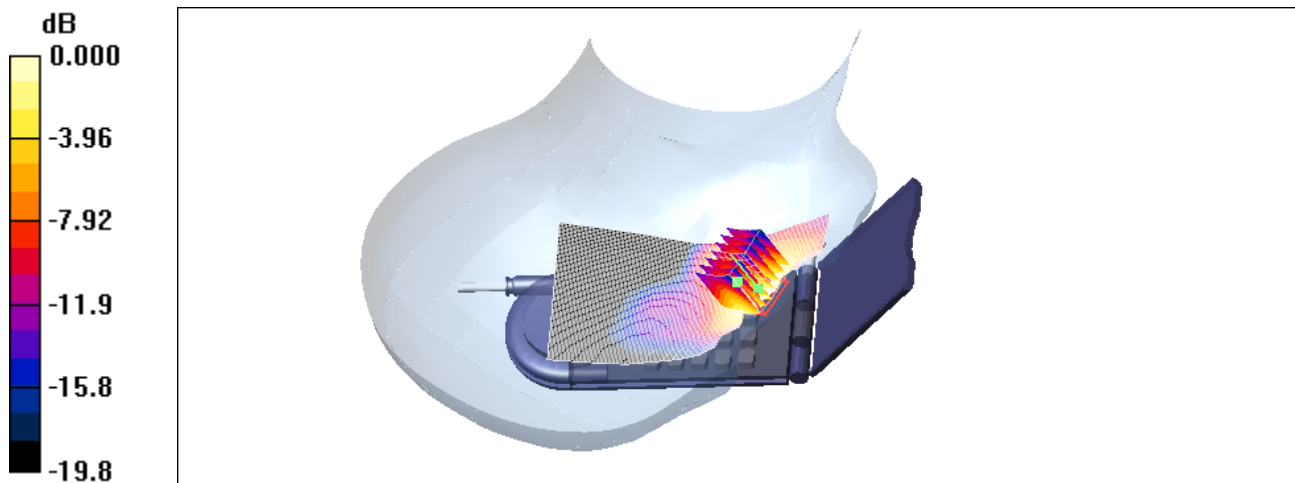
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.56 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.429 mW/g**

Maximum value of SAR (measured) = 0.771 mW/g



Test Laboratory: ETS PRODUCT SERVICE AG

### GSM\_850\_flatt\_ch128\_back\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Muscle 900 MHz Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.927$  mho/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.04, 6.04, 6.04); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.766 mW/g

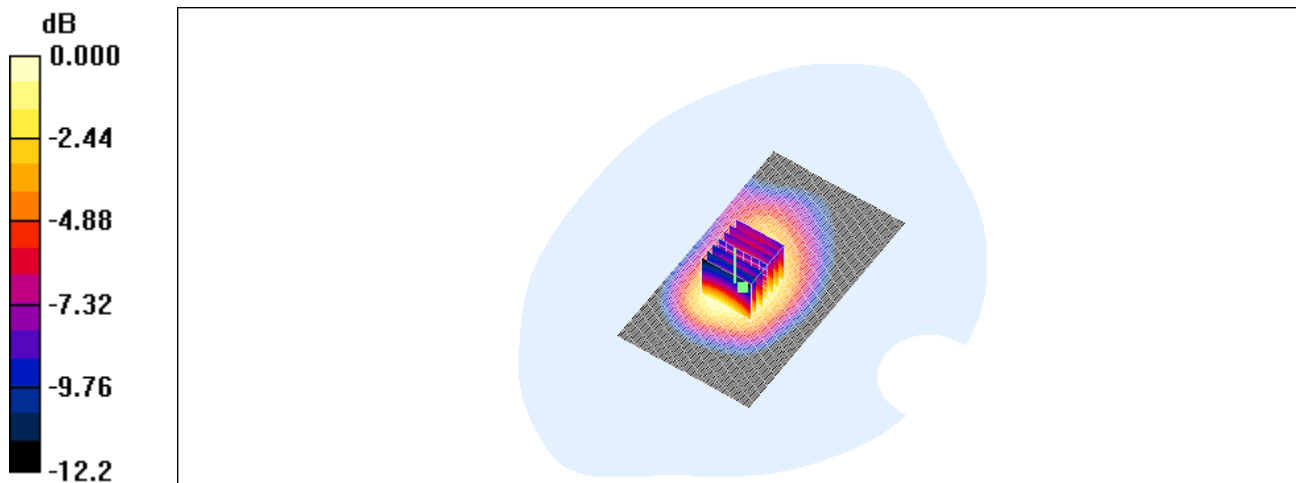
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.1 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.991 W/kg

**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.476 mW/g**

Maximum value of SAR (measured) = 0.764 mW/g



Test Laboratory: ETS PRODUCT SERVICE AG

### GSM\_850\_flat\_ch189\_back\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Muscle 900 MHz Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.936$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.04, 6.04, 6.04); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.756 mW/g

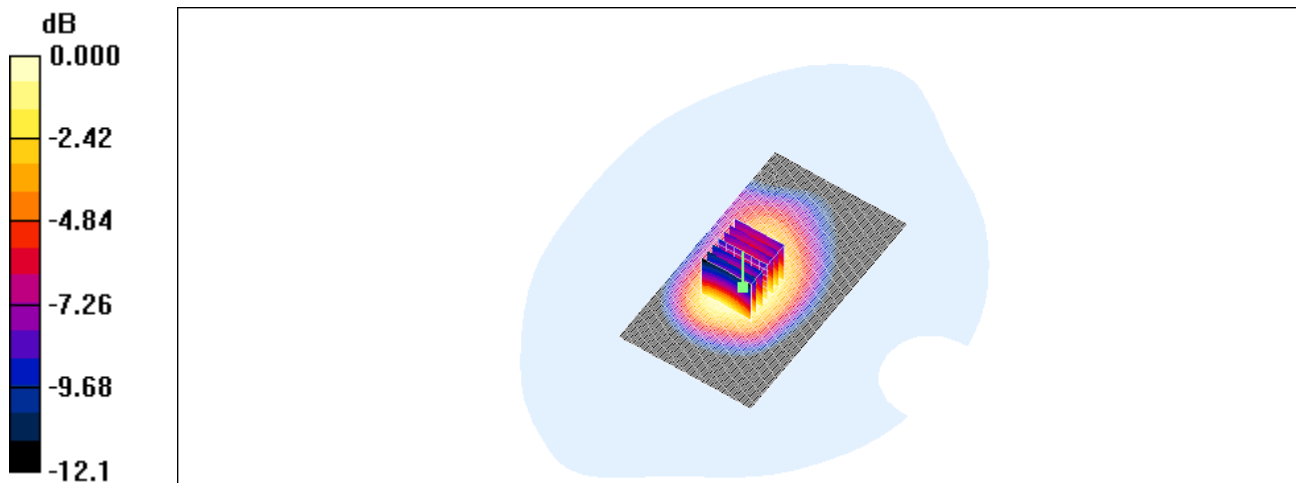
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.969 W/kg

**SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.478 mW/g**

Maximum value of SAR (measured) = 0.745 mW/g



0 dB = 0.745mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### GSM\_850\_flat\_ch189\_front\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Muscle 900 MHz Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.936$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.04, 6.04, 6.04); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.316 mW/g

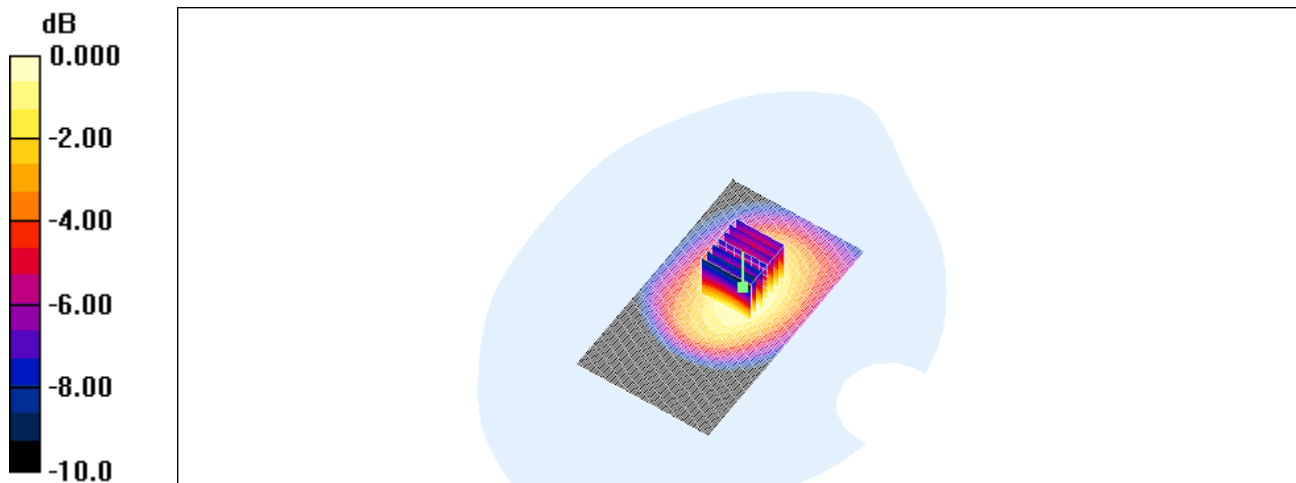
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 0.313 mW/g



0 dB = 0.313mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### GSM\_850\_flat\_ch251\_back\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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

Medium: Muscle 900 MHz Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.944$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.04, 6.04, 6.04); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.20 mW/g

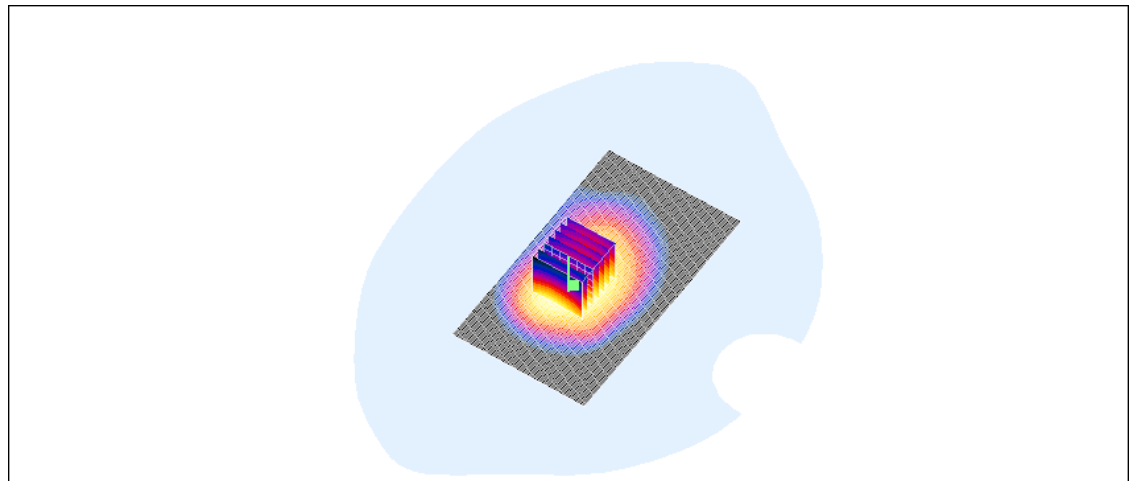
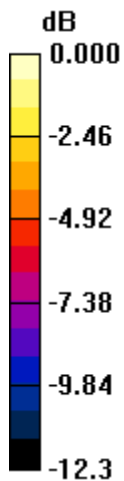
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.4 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.735 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g



Test Laboratory: ETS PRODUCT SERVICE AG

### PCS\_1900\_flat\_ch512\_back\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Muscle 1900 MHz Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.71, 4.71, 4.71); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.686 mW/g

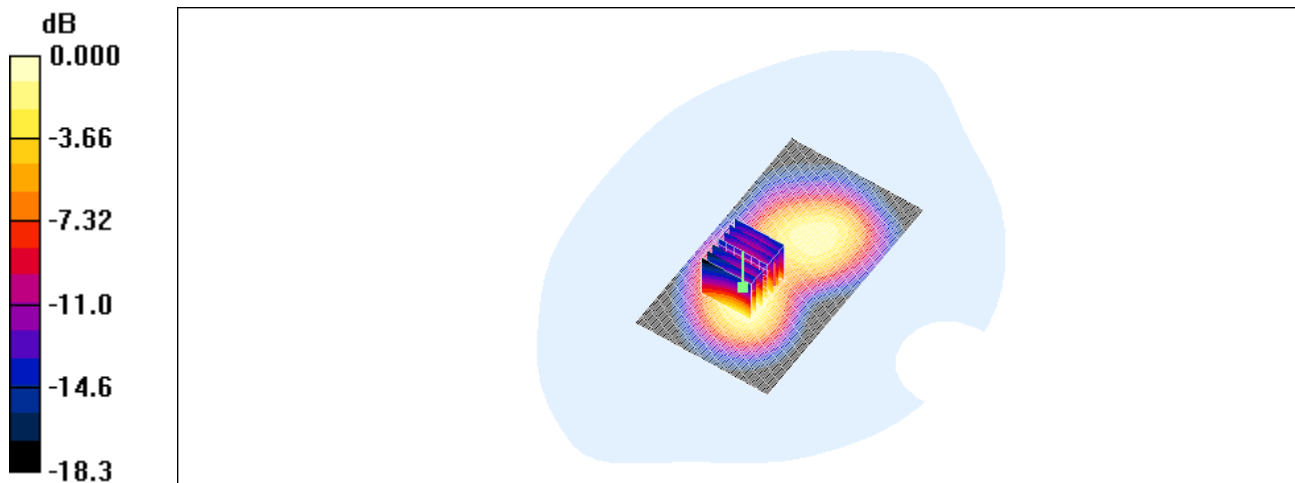
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.331 mW/g**

Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### PCS\_1900\_flat\_ch661\_back\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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(4.71, 4.71, 4.71); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.789 mW/g

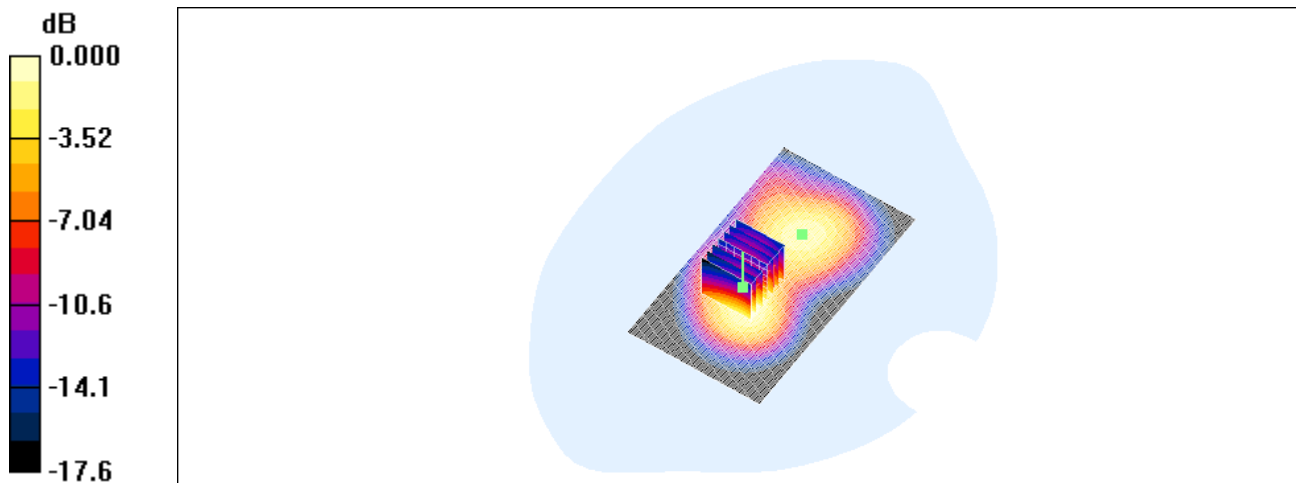
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (measured) = 0.800 mW/g



0 dB = 0.800mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### PCS\_1900\_flat\_ch661\_front\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

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(4.71, 4.71, 4.71); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.432 mW/g

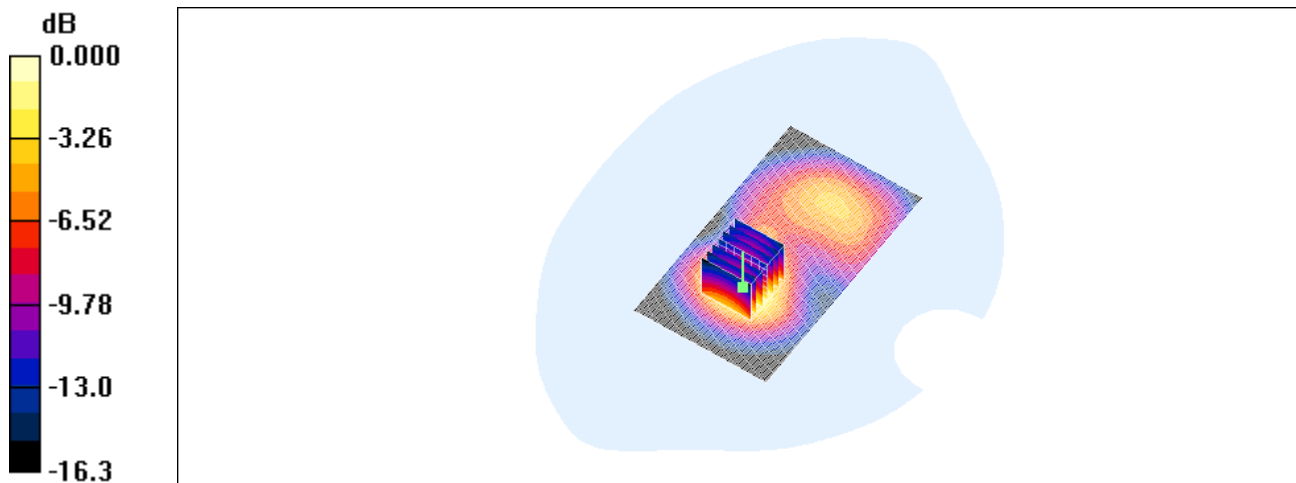
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.55 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.620 W/kg

**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.217 mW/g**

Maximum value of SAR (measured) = 0.420 mW/g



0 dB = 0.420mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

### PCS\_1900\_flat\_ch810\_back\_5mm

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Muscle 1900 MHz Medium parameters used:  $f = 1909.8$  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(4.71, 4.71, 4.71); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.738 mW/g

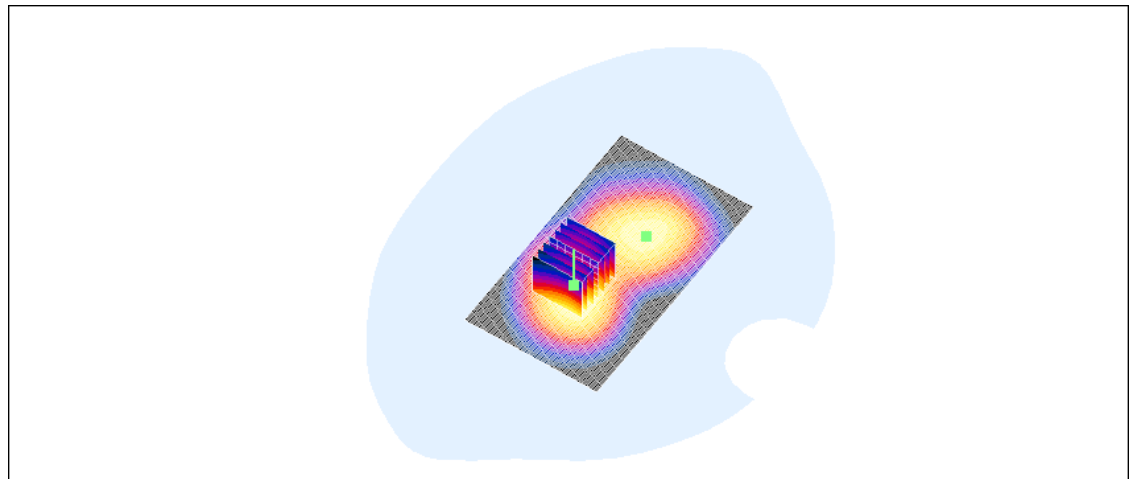
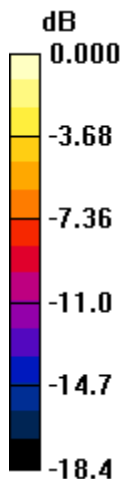
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.735 mW/g



0 dB = 0.735mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## UMTS\_OB\_II\_left\_ch9400\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: UMTS Up Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.49 mW/g

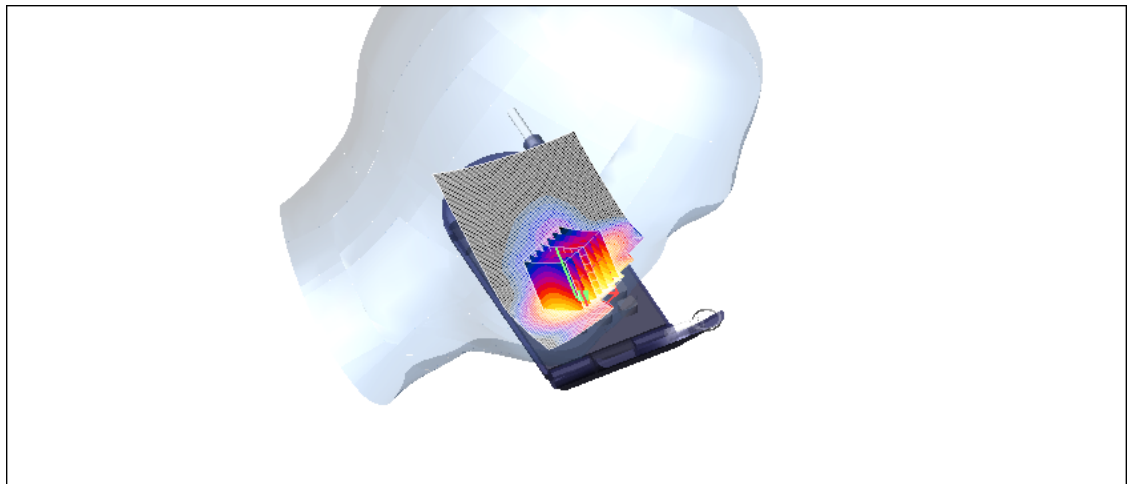
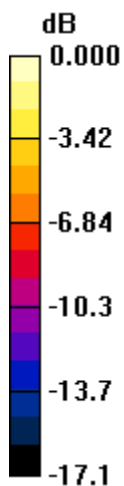
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.32 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.862 mW/g**

Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## UMTS\_OB\_II\_left\_ch9400\_tilted

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: UMTS Up Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.196 mW/g

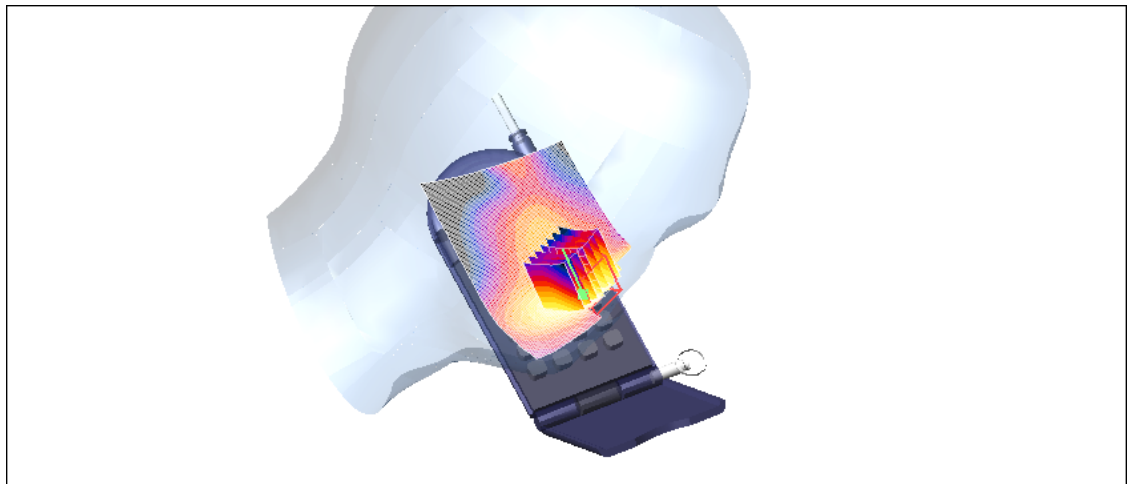
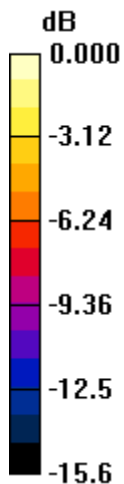
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.34 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.256 W/kg

**SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.123 mW/g**

Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.197mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## UMTS\_OB\_II\_right\_ch9263\_cheek

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: UMTS Up Band II; Frequency: 1852.6 MHz; Duty Cycle: 1:1  
Medium: Head 1900 MHz Medium parameters used (interpolated):  $f = 1852.6$  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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (81x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.87 mW/g

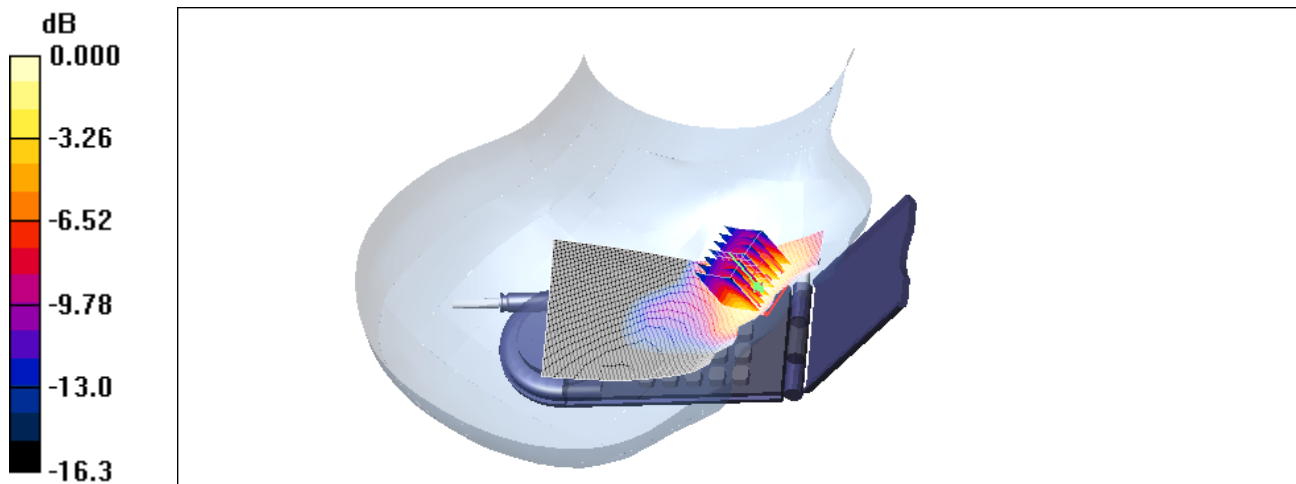
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.60 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 1.57 mW/g; SAR(10 g) = 0.999 mW/g**

Maximum value of SAR (measured) = 1.83 mW/g



0 dB = 1.83mW/g

Test Laboratory: ETS PRODUCT SERVICE AG

## UMTS\_OB\_II\_right\_ch9400\_cheek\_\_

**DUT: C610; Type: UMTS GSM phone; Serial: #12 (SAR)**

Communication System: UMTS Up Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used:  $\sigma = 1.39732$  mho/m,  $\epsilon_r = 39.9416$ ;  $\rho = 1000$

kg/m<sup>3</sup> 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(5.22, 5.22, 5.22); Calibrated: 9/19/2007
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/18/2007
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**C610/Area Scan (9x15x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of Total (measured) = 36.9 V/m

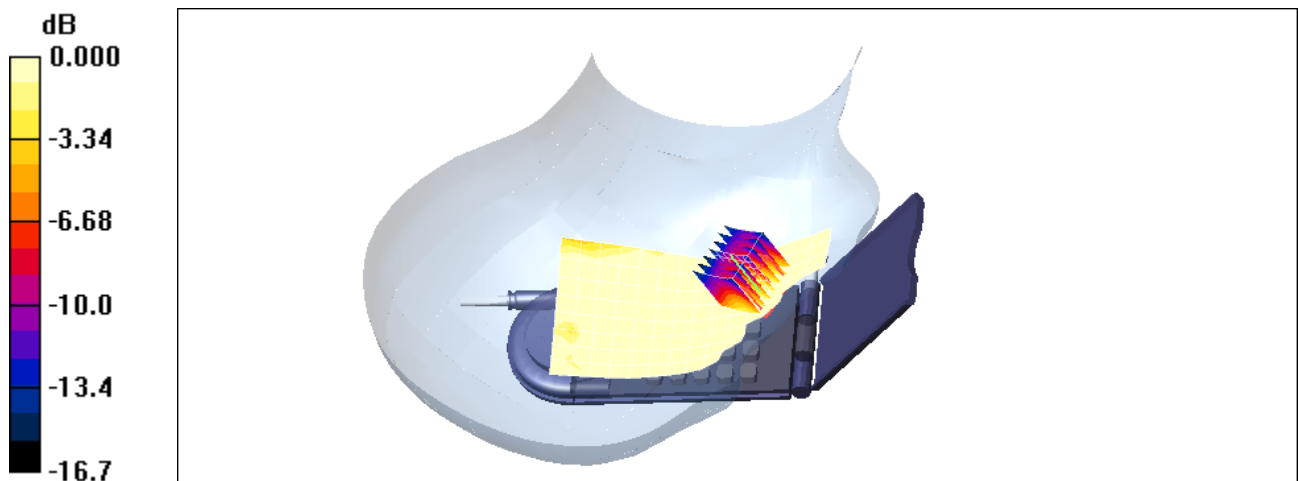
**C610/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.96 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 1.54 mW/g; SAR(10 g) = 1.01 mW/g**

Maximum value of SAR (measured) = 1.82 mW/g



0 dB = 1.82V/m