

**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 41.35$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(10.50, 10.50, 10.50); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left head cheek/GSM 850 Mid/Area Scan (91x111x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

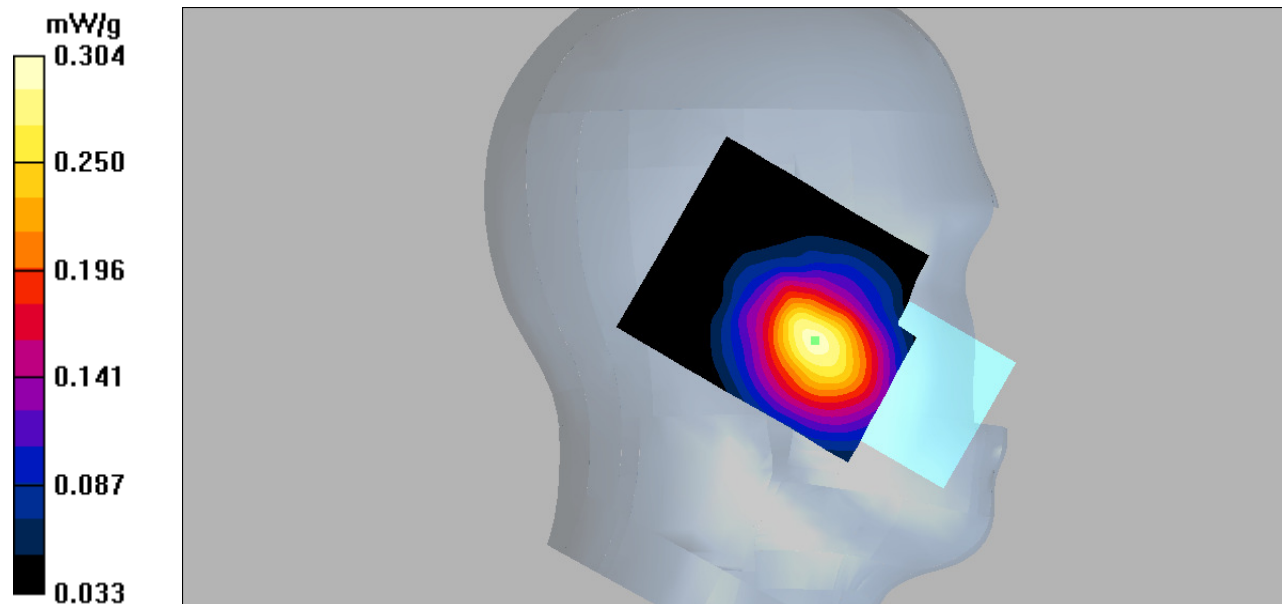
**Left head cheek/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.43 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.193 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 41.35$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(10.50, 10.50, 10.50); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left head tilt/GSM 850 Mid/Area Scan (91x111x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.137 mW/g

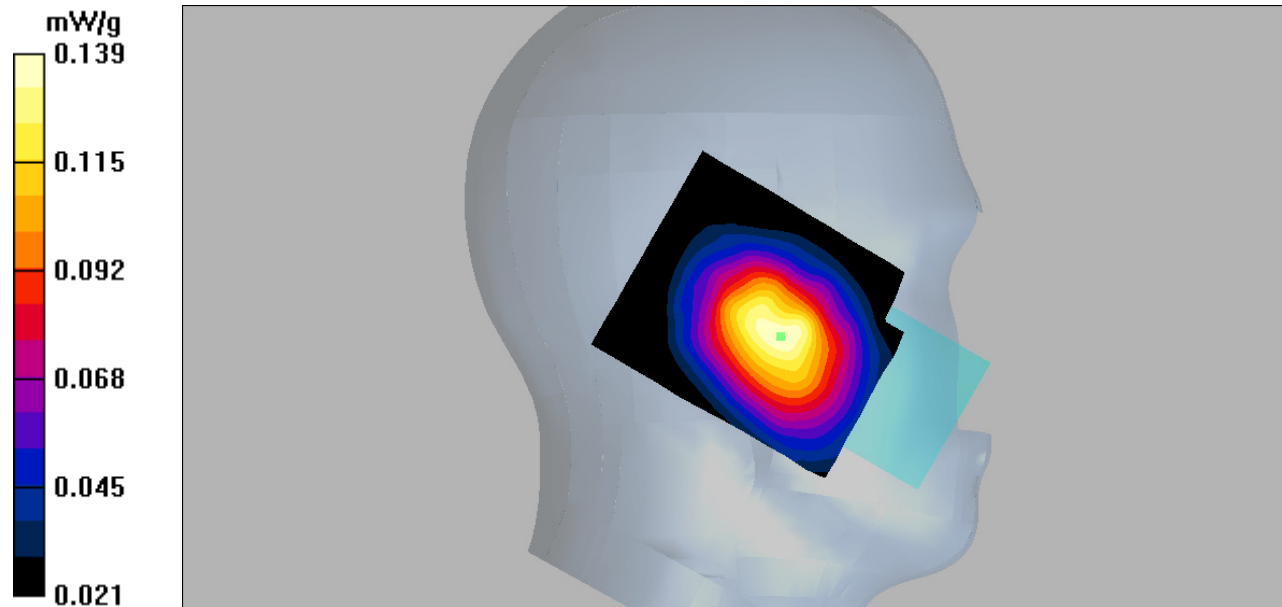
**Left head tilt/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.01 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.164 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.094 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(10.50, 10.50, 10.50); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right head cheek/GSM 850 Mid/Area Scan (91x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.187 mW/g

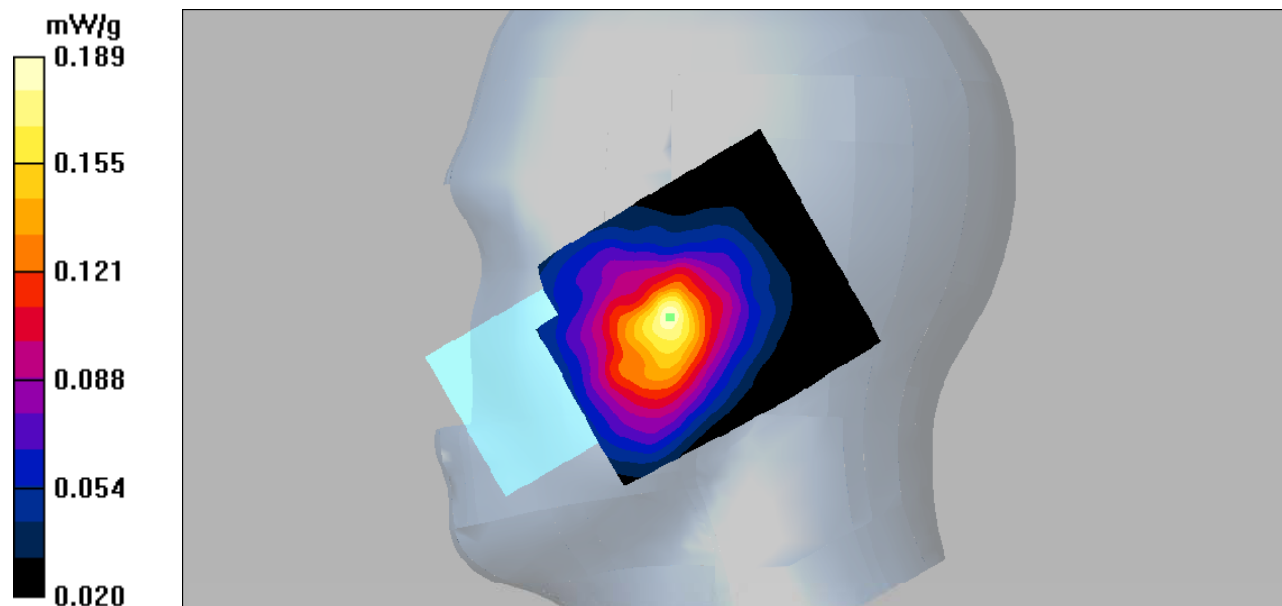
**Right head cheek/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.37 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.121 mW/g**

Maximum value of SAR (measured) = 0.189 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(10.50, 10.50, 10.50); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right head tilt/GSM 850 Mid/Area Scan (91x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.083 mW/g

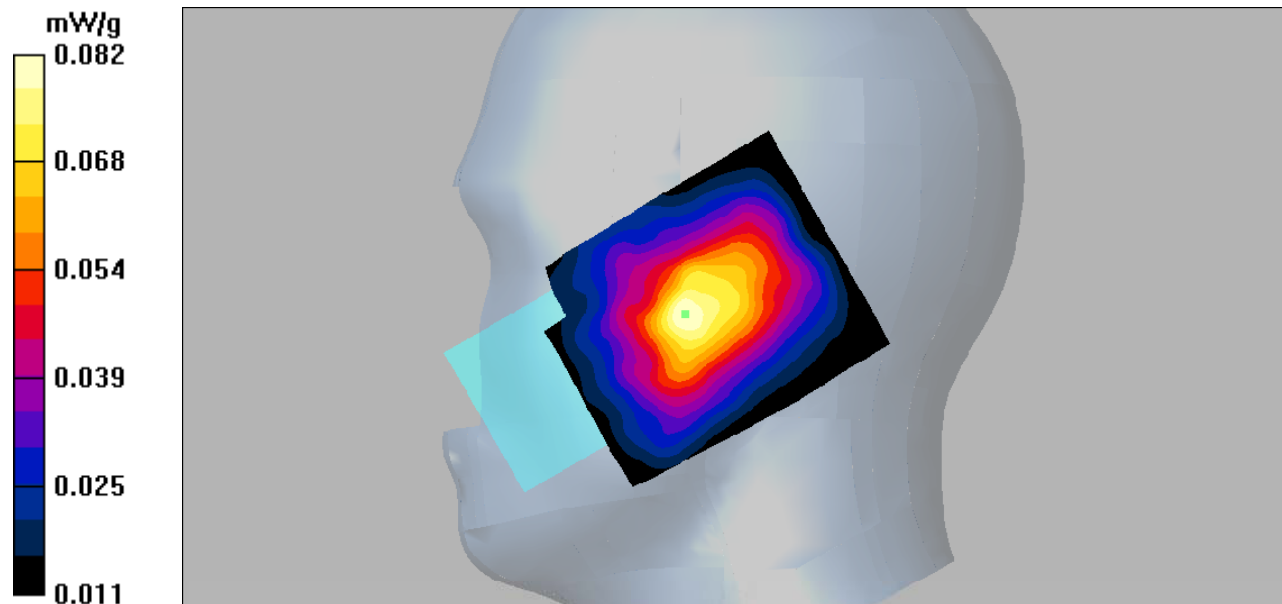
**Right head tilt/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.47 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.097 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.082 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 55.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Body worn/GSM 850 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.450 mW/g

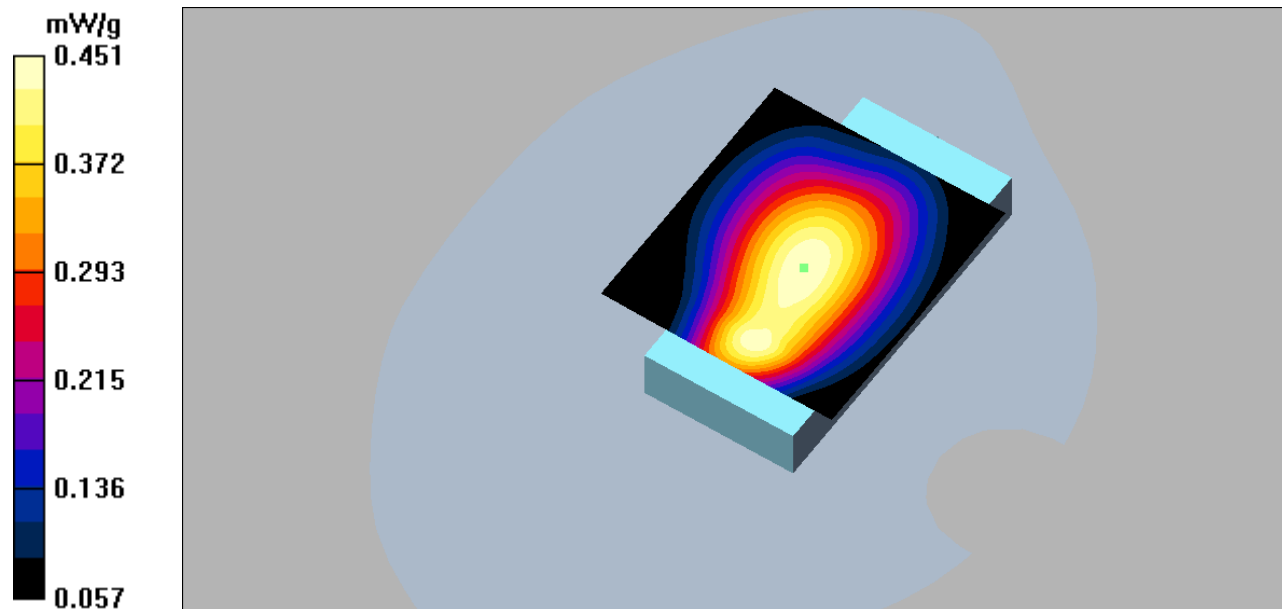
**Body worn/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.538 W/kg

**SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.315 mW/g**

Maximum value of SAR (measured) = 0.451 mW/g



**DUT: Mobile Phone; Type: Shark;**

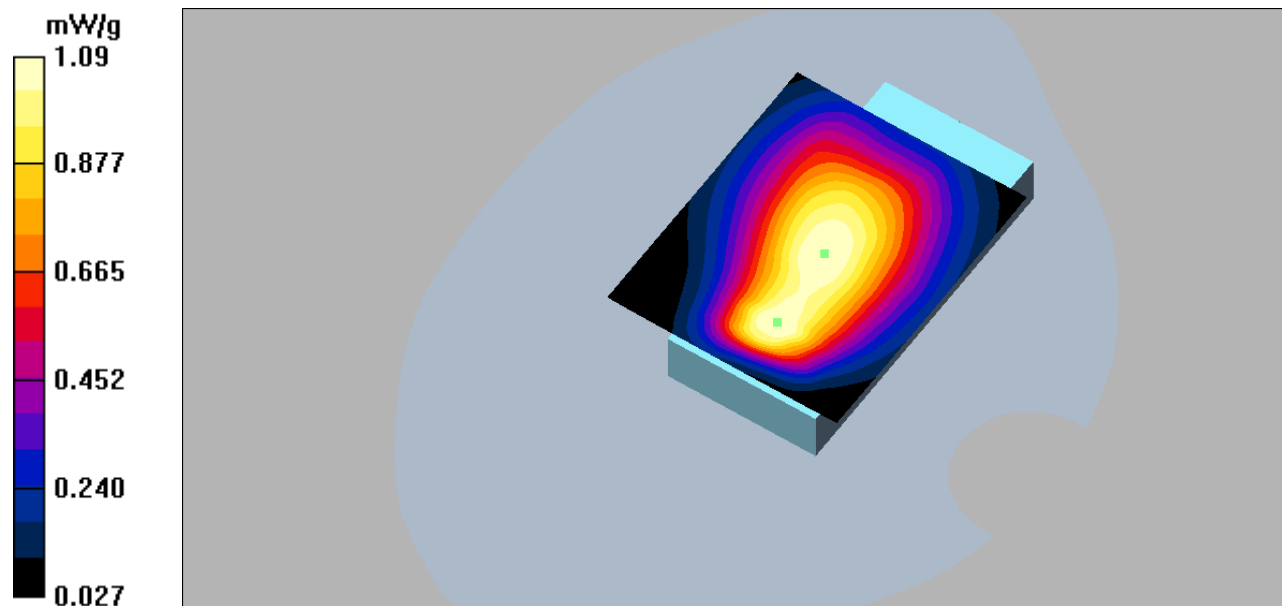
Communication System: GPRS bands-3slots; Frequency: 824.2 MHz; Duty Cycle: 1:2.67  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.98$  mho/m;  $\epsilon_r = 55.06$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Body back/GPRS 850 Low/Area Scan (91x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.15 mW/g

**Body back/GPRS 850 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 35.6 V/m; Power Drift = -0.146 dB  
Peak SAR (extrapolated) = 1.57 W/kg  
**SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.650 mW/g**  
Maximum value of SAR (measured) = 1.09 mW/g



**DUT: Mobile Phone; Type: Shark;**

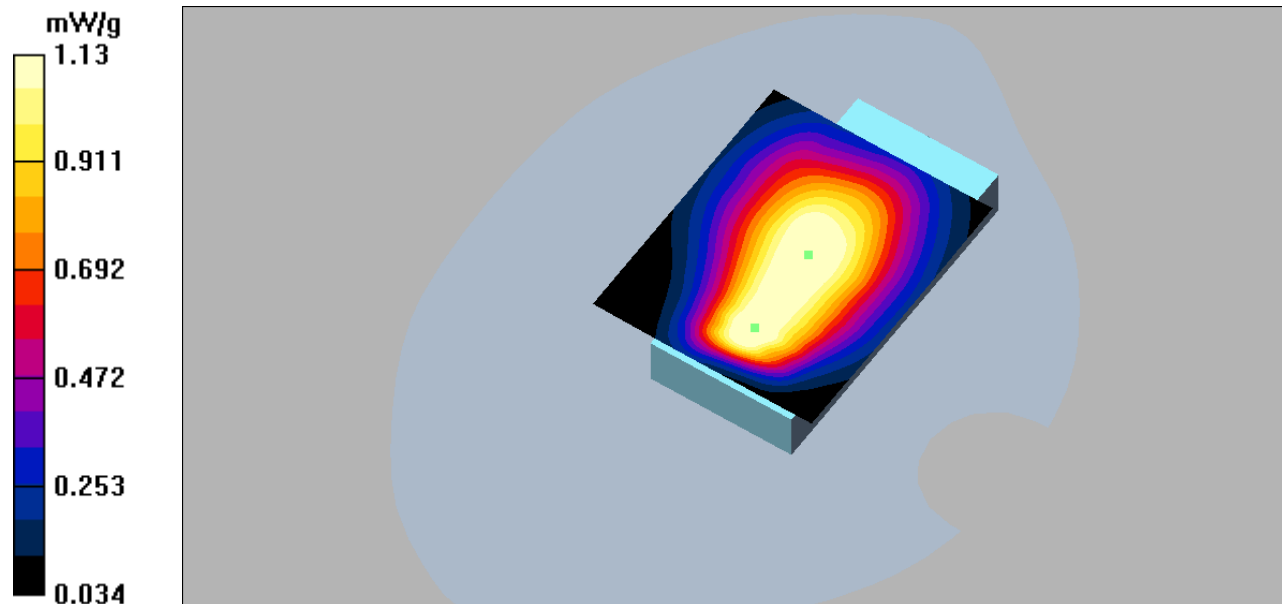
Communication System: GPRS bands-3slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.67  
Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.97 \text{ mho/m}$ ;  $\epsilon_r = 55.21$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Body back/GPRS 850 Mid/Area Scan (91x111x1):** Measurement grid:  $dx=10\text{mm}$ ,  
 $dy=10\text{mm}$   
Maximum value of SAR (interpolated) = 1.27 mW/g

**Body back/GPRS 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  
 $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 36.5 V/m; Power Drift = -0.158 dB  
Peak SAR (extrapolated) = 1.71 W/kg  
**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.702 mW/g**  
Maximum value of SAR (measured) = 1.13 mW/g



**DUT: Mobile Phone; Type: Shark;**

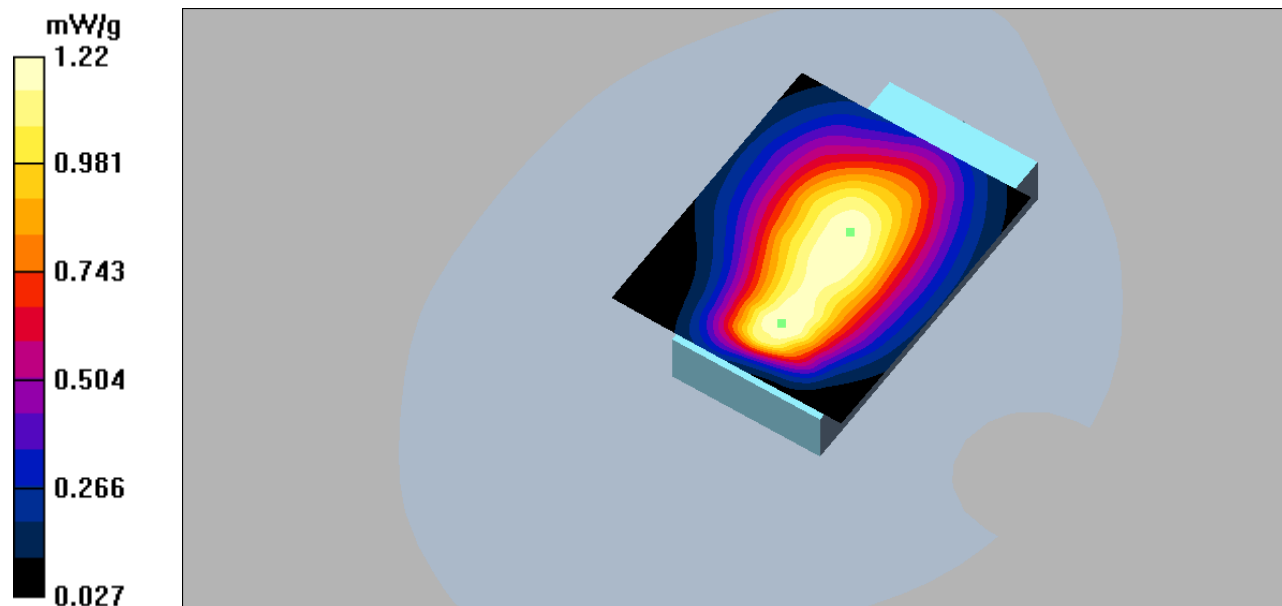
Communication System: GPRS bands-3slots; Frequency: 848.8 MHz; Duty Cycle: 1:2.67  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Body back/GPRS 850 High/Area Scan (91x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.27 mW/g

**Body back/GPRS 850 High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 36.0 V/m; Power Drift = -0.110 dB  
Peak SAR (extrapolated) = 1.83 W/kg  
**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.730 mW/g**  
Maximum value of SAR (measured) = 1.22 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 40.37$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(8.71, 8.71, 8.71); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left head cheek/GSM 1900 Low/Area Scan (81x101x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.071 mW/g

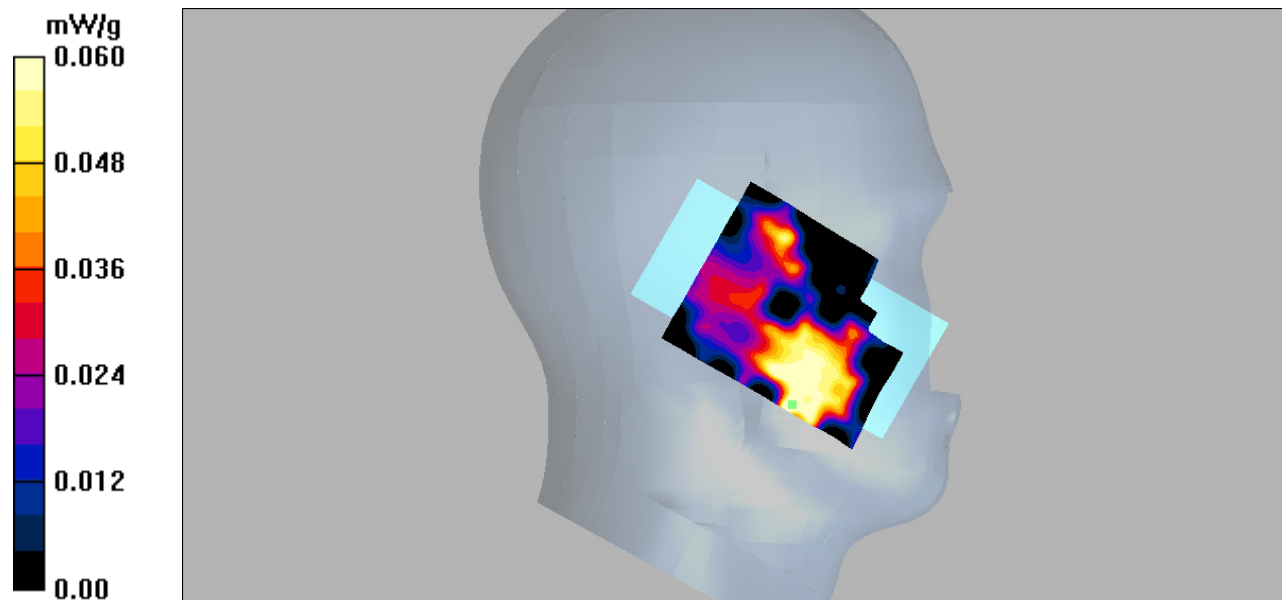
**Left head cheek/GSM 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.87 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.098 W/kg

**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.060 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 40.37$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(8.71, 8.71, 8.71); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left head tilt/GSM 1900 Low/Area Scan (81x101x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.050 mW/g

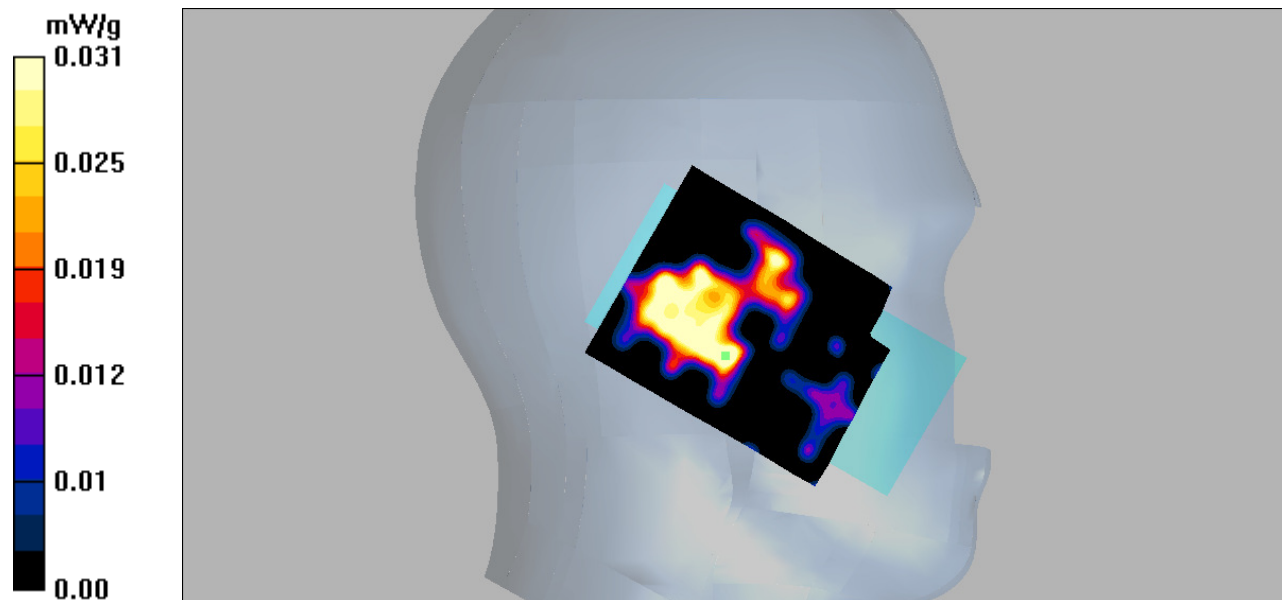
**Left head tilt/GSM 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.57 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 0.080 W/kg

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.031 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 40.37$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(8.71, 8.71, 8.71); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right head cheek/GSM 1900 Low/Area Scan (81x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.052 mW/g

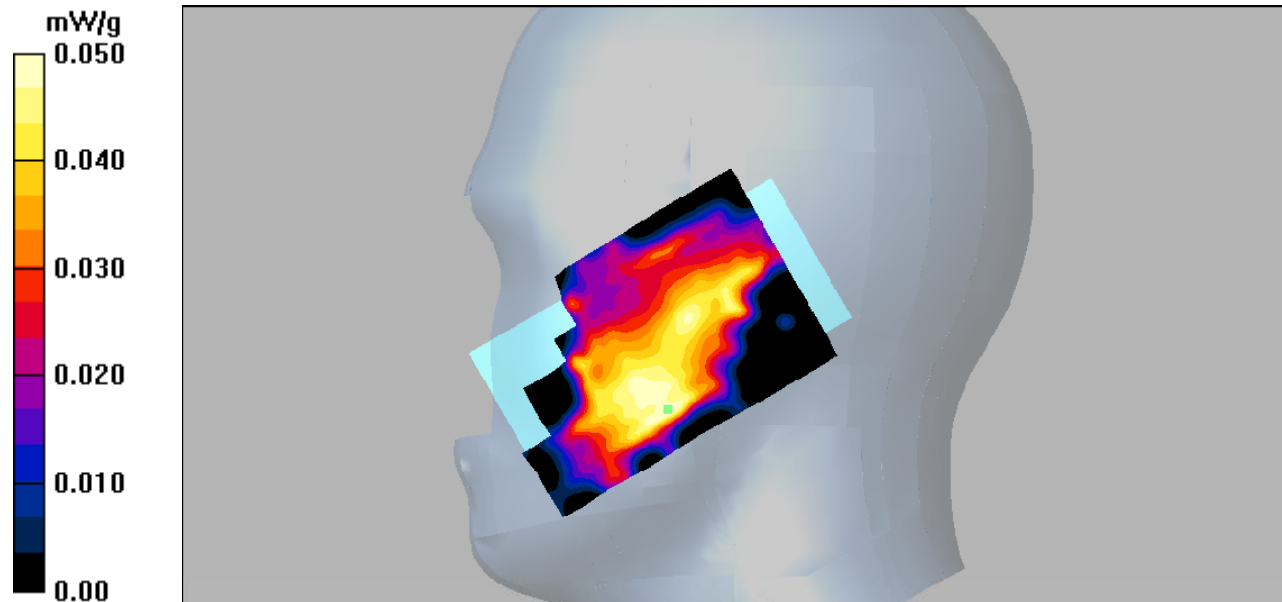
**Right head cheek/GSM 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.20 V/m; Power Drift = 0.201 dB

Peak SAR (extrapolated) = 0.093 W/kg

**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.050 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(8.71, 8.71, 8.71); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right head tilt/GSM 1900 Low/Area Scan (81x121x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (interpolated) = 0.039 mW/g

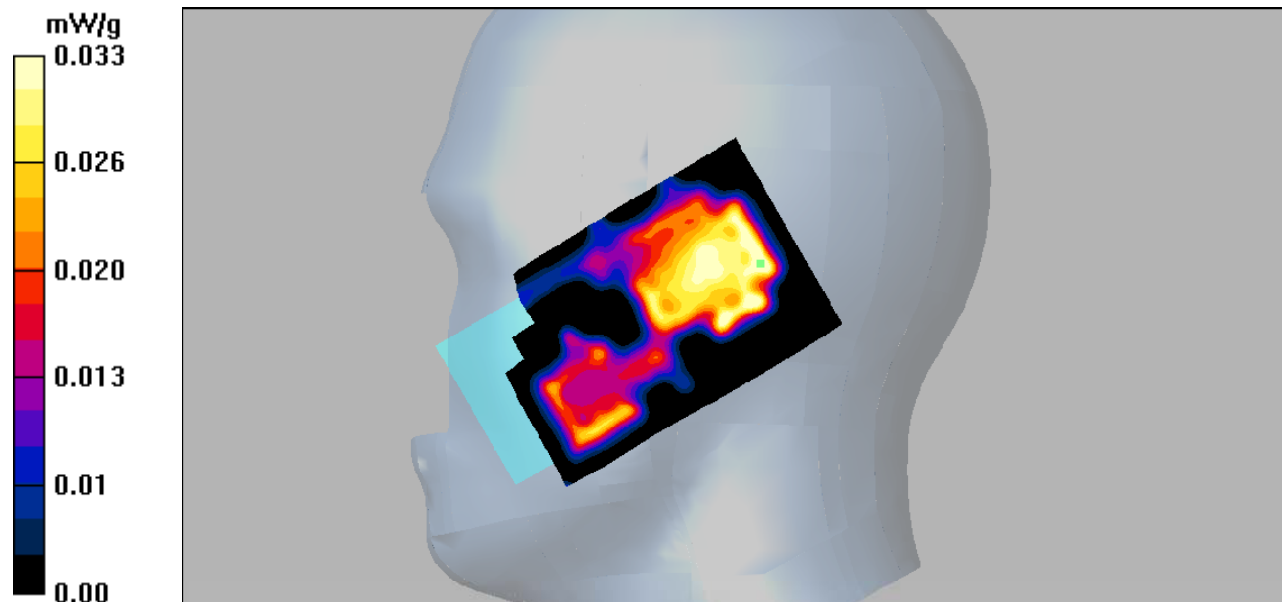
**Right head tilt/GSM 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.49 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.033 mW/g



**DUT: Mobile Phone; Type: Shark;**

Communication System: GSM bands; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 53.34$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Body-Born/GSM 1900 Low/Area Scan (71x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.110 \text{ mW/g}$

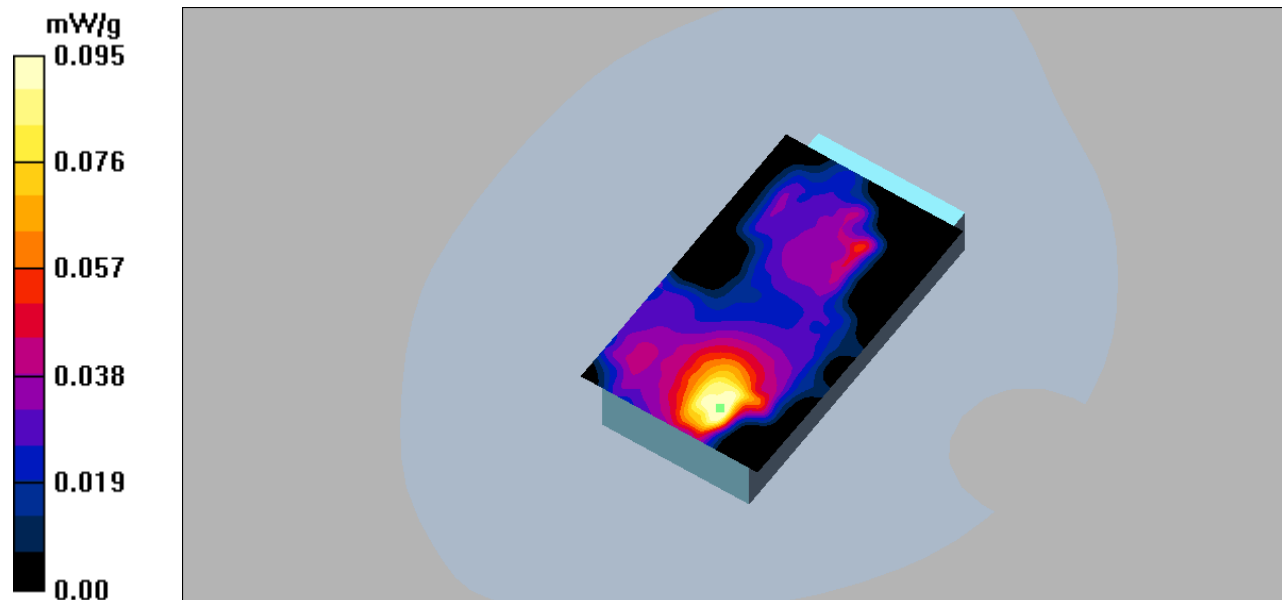
**Body-Born/GSM 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.68 \text{ V/m}$ ; Power Drift =  $0.149 \text{ dB}$

Peak SAR (extrapolated) =  $0.217 \text{ W/kg}$

**SAR(1 g) =  $0.083 \text{ mW/g}$ ; SAR(10 g) =  $0.040 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.095 \text{ mW/g}$



**DUT: Mobile Phone; Type: Shark;**

Communication System: GPRS bands-3slots; Frequency: 1880 MHz; Duty Cycle: 1:2.67  
Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52.26$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Body-Back/GPRS 1900 Mid/Area Scan (61x101x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.316 \text{ mW/g}$

**Body-Back/GPRS 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.88 \text{ V/m}$ ; Power Drift =  $-0.078 \text{ dB}$

Peak SAR (extrapolated) =  $0.616 \text{ W/kg}$

**SAR(1 g) =  $0.280 \text{ mW/g}$ ; SAR(10 g) =  $0.139 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.314 \text{ mW/g}$

