

**DUT: Mobile Phone; Type: GRAND mini;**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Cheek/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.210 mW/g

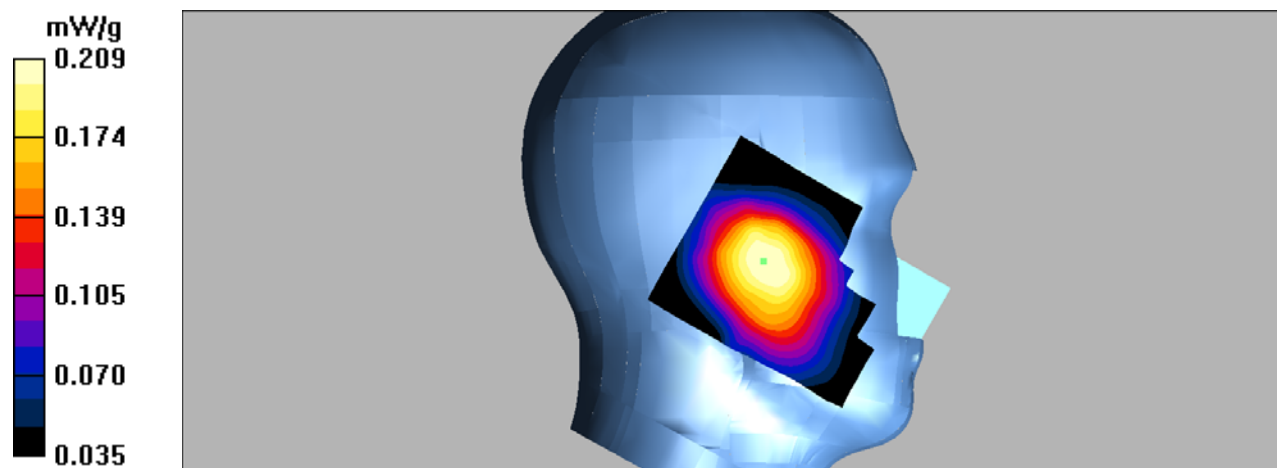
**Left Cheek/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.42 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.209 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Tilt/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.168 mW/g

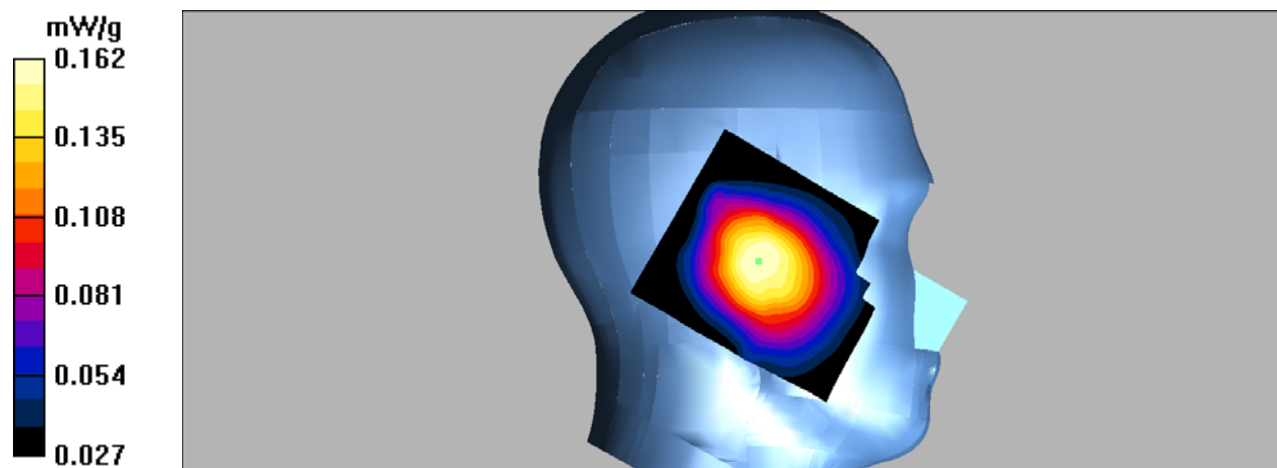
**Left Tilt/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.84 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.119 mW/g**

Maximum value of SAR (measured) = 0.162 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.99$ ;  $\rho = 1000$  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 Cheek/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.221 mW/g

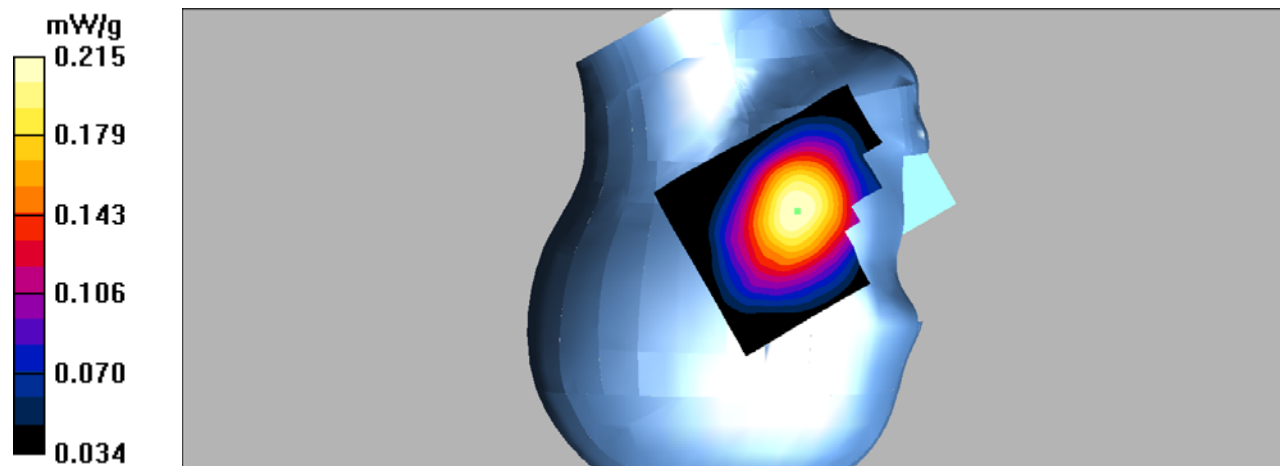
**Right Cheek/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.250 W/kg

**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.215 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

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

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.93 \text{ mho/m}$ ;  $\epsilon_r = 41.99$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Tilt/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.140 mW/g

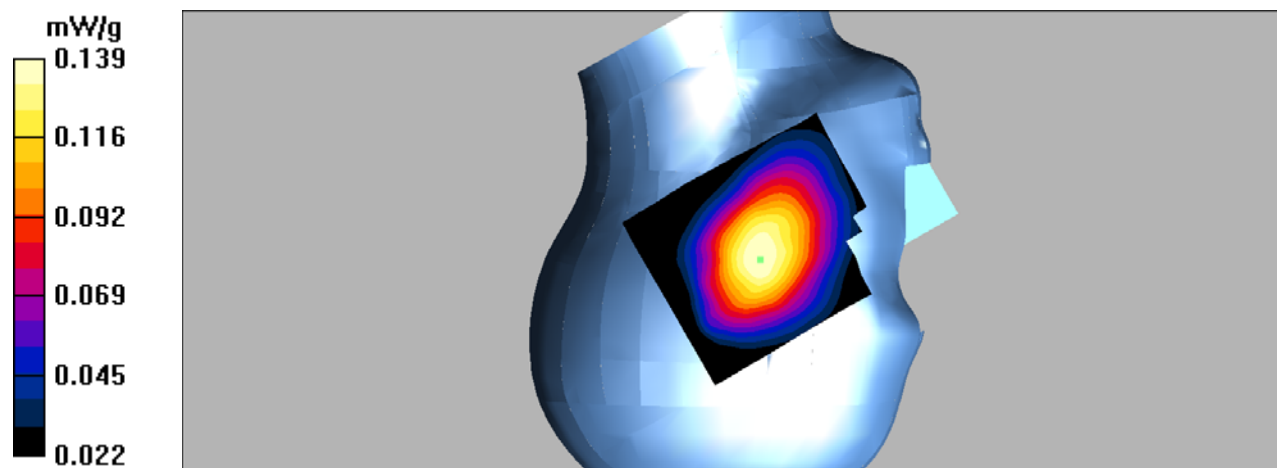
**Right Tilt/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.46 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.102 mW/g**

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



**DUT: Mobile Phone; Type: GRAND mini;**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.35$ ;  $\rho = 1000$  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 Back/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.378 mW/g

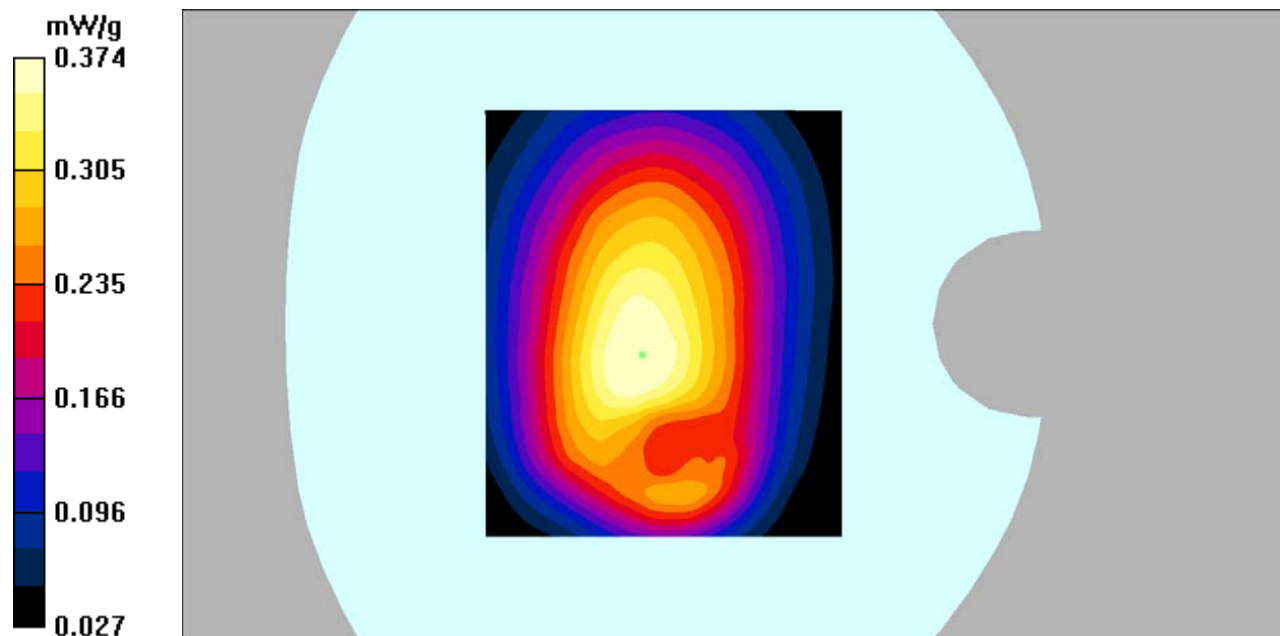
**Body Worn Back/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.450 W/kg

**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 0.374 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 55.96$ ;  $\rho = 1000$  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/GSM 850 Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.02 mW/g

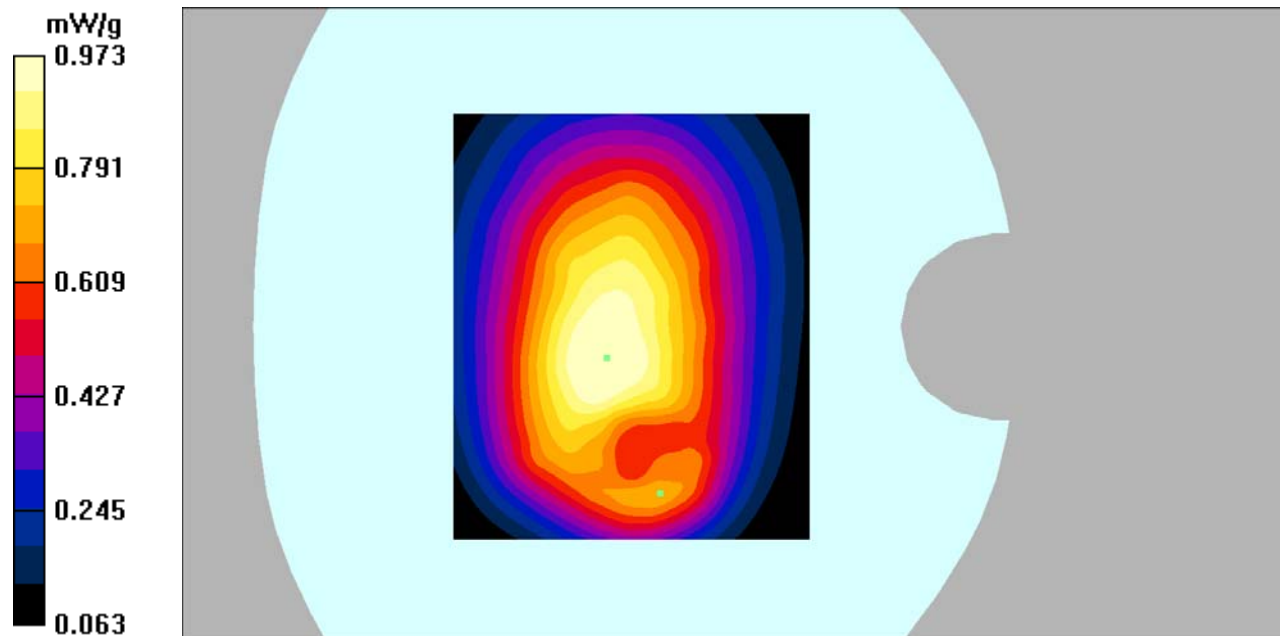
**Body Back/GSM 850 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.6 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.678 mW/g**

Maximum value of SAR (measured) = 0.973 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.35$ ;  $\rho = 1000$  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/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.07 mW/g

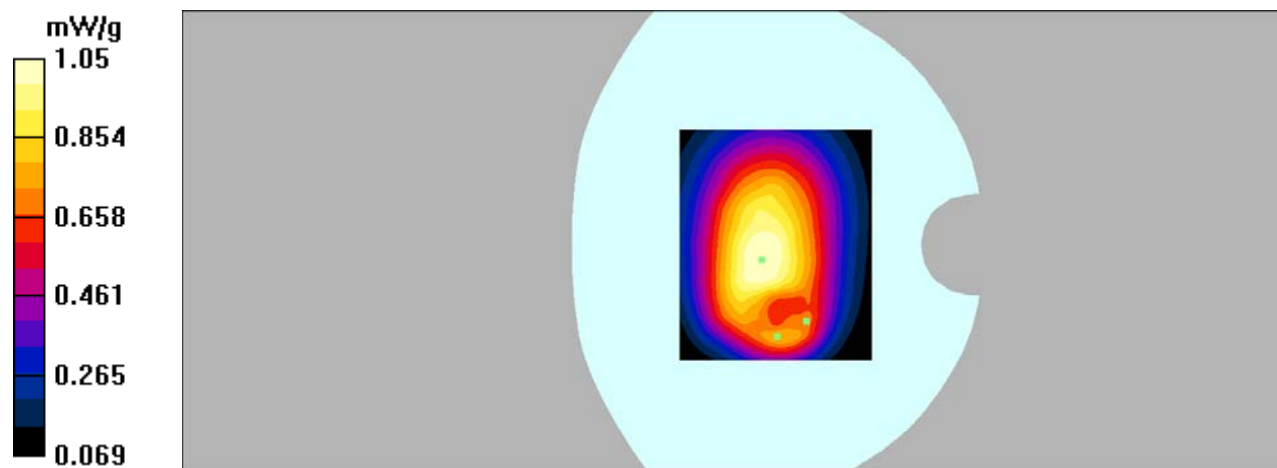
**Body Back/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.6 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.744 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.99 \text{ mho/m}$ ;  $\epsilon_r = 55.55$ ;  $\rho = 1000 \text{ kg/m}^3$

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/GSM 850 High/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $1.08 \text{ mW/g}$

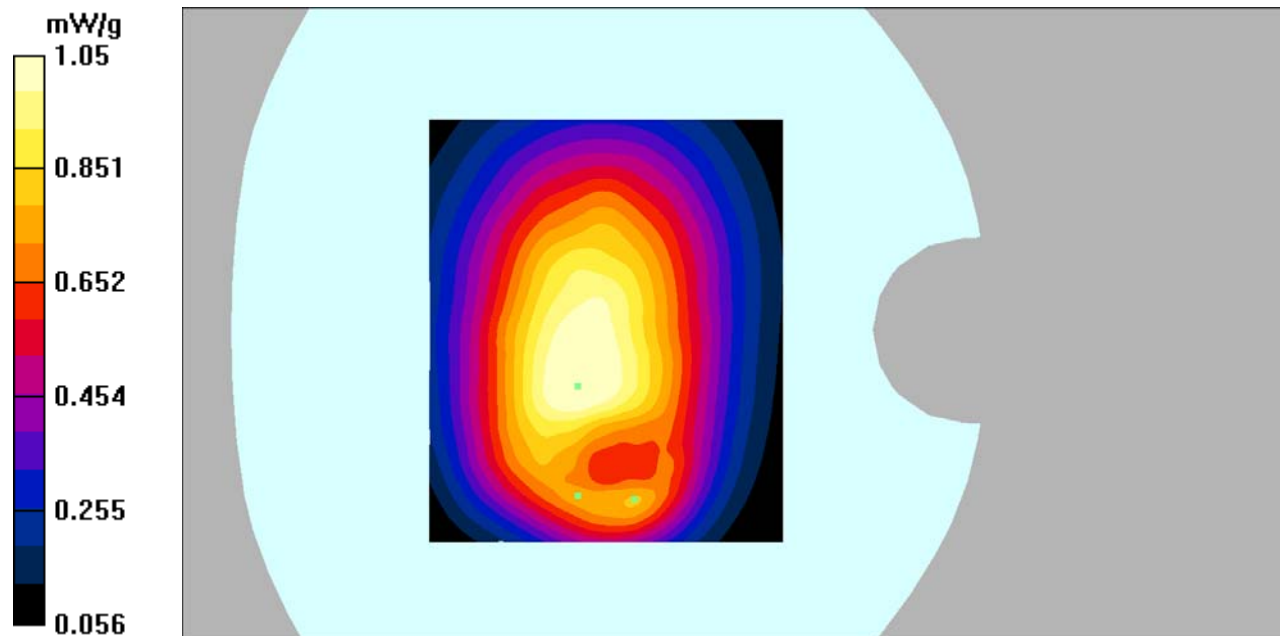
**Body Back/GSM 850 High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $32.7 \text{ V/m}$ ; Power Drift =  $-0.184 \text{ dB}$

Peak SAR (extrapolated) =  $1.29 \text{ W/kg}$

**SAR(1 g) =  $0.985 \text{ mW/g}$ ; SAR(10 g) =  $0.727 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.05 \text{ mW/g}$





**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.35$ ;  $\rho = 1000$  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 Left/GSM 850 Mid/Area Scan (91x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.488 mW/g

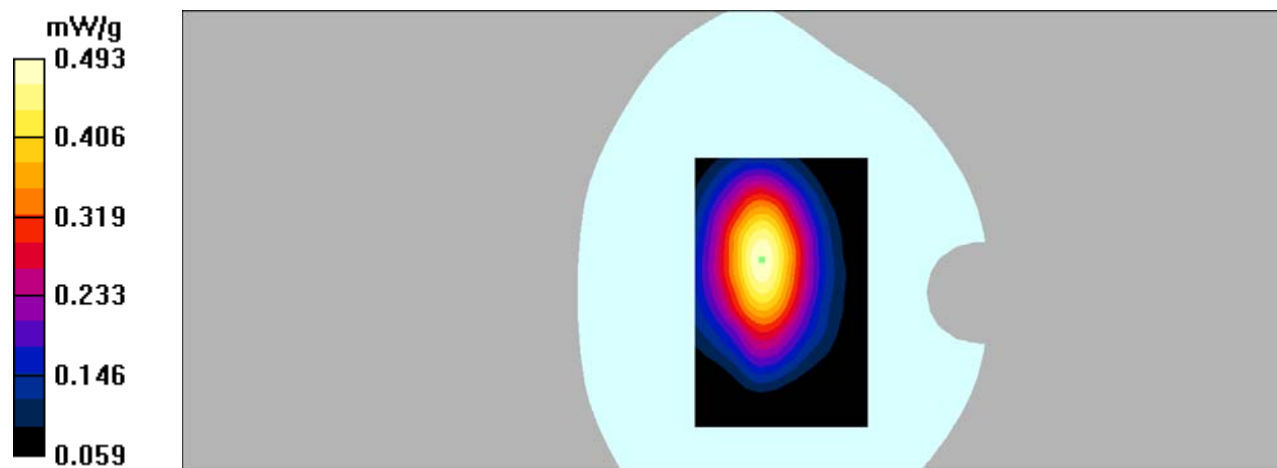
**Body Left/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.0 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.641 W/kg

**SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 0.493 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.35$ ;  $\rho = 1000$  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 Right/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.731 mW/g

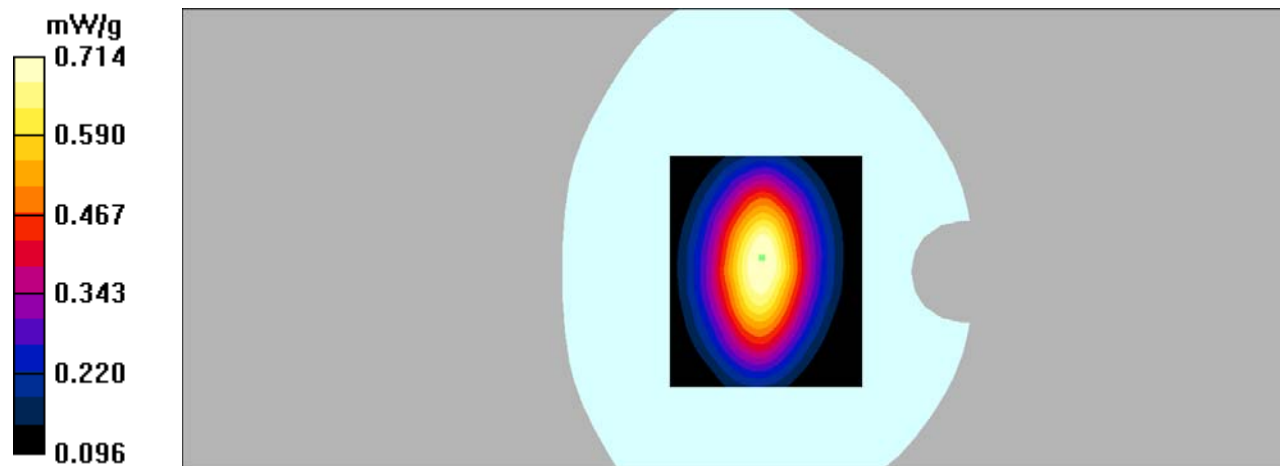
**Body Right/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.3 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.893 W/kg

**SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.477 mW/g**

Maximum value of SAR (measured) = 0.714 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.35$ ;  $\rho = 1000$  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 Bottom/GSM 850 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.278 mW/g

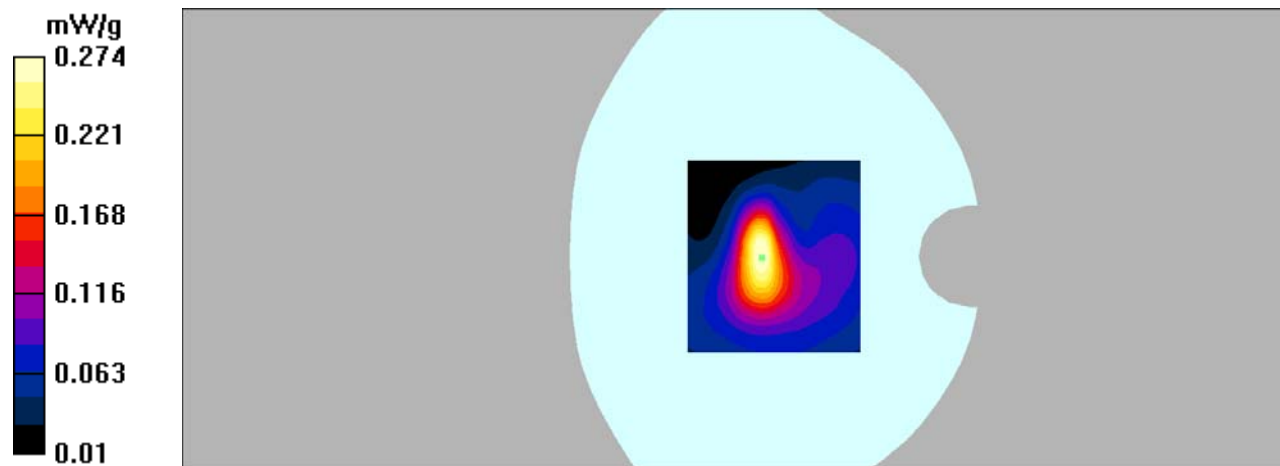
**Body Bottom/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.434 W/kg

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.274 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Cheek/GSM 1900 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.061 mW/g

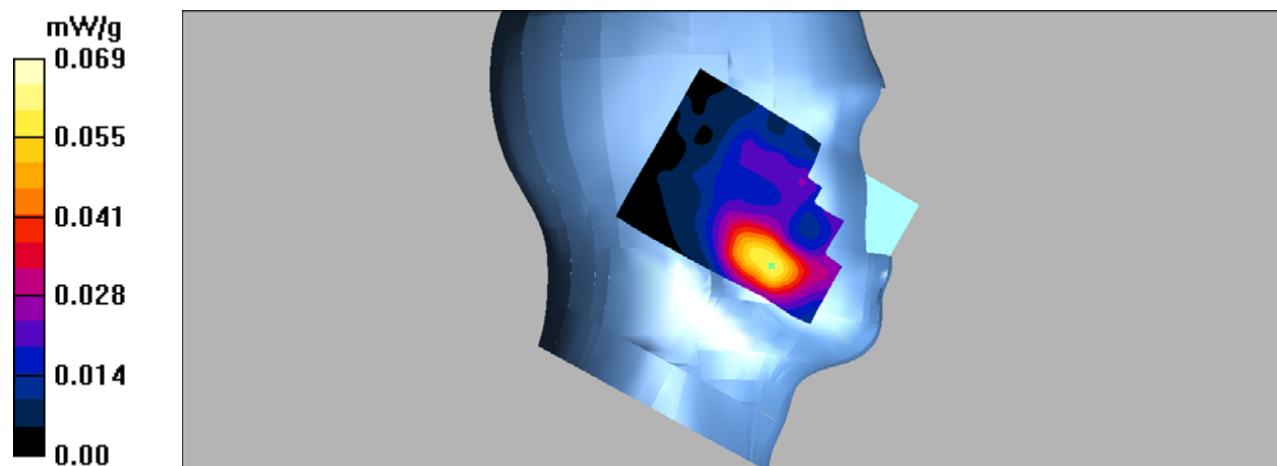
**Left Cheek/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.55 V/m; Power Drift = -0.176 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.069 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.11$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Tilt/GSM 1900 Mid/Area Scan (91x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.016 mW/g

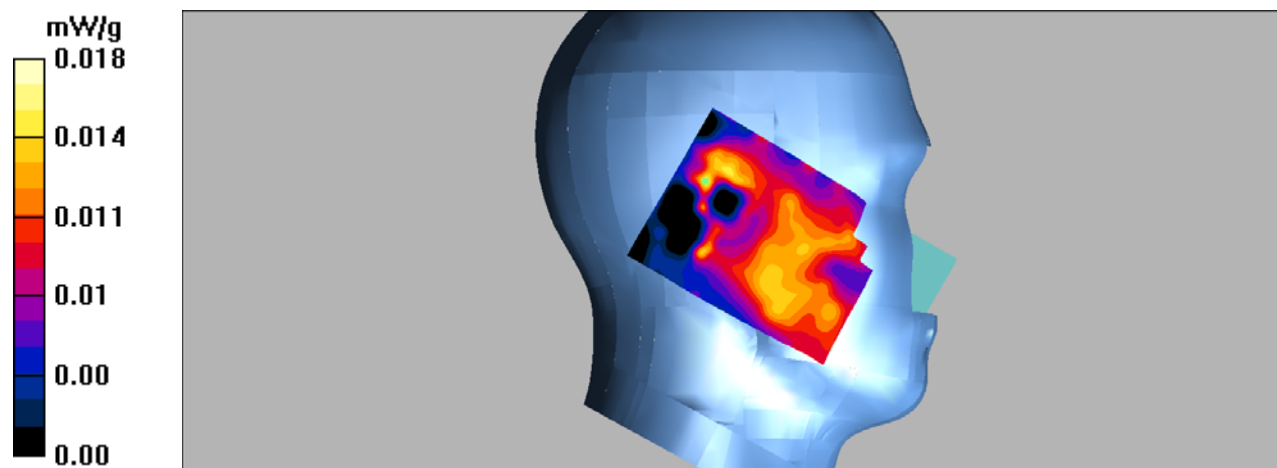
**Left Tilt/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.63 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 0.049 W/kg

**SAR(1 g) = 0.00868 mW/g; SAR(10 g) = 0.00293 mW/g**

Maximum value of SAR (measured) = 0.018 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.11$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Cheek/GSM 1900 Mid/Area Scan (91x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.041 \text{ mW/g}$

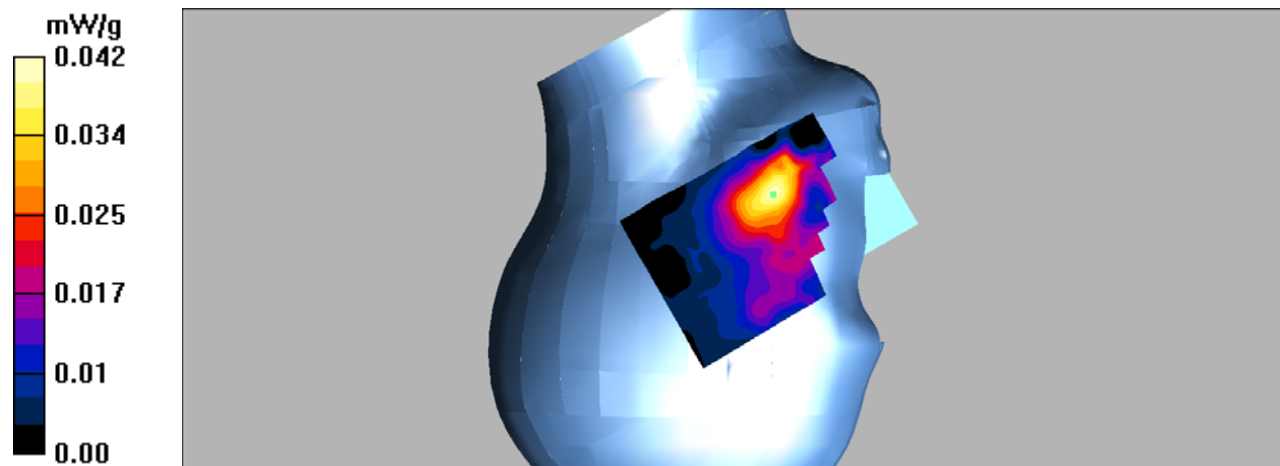
**Right Cheek/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.73 \text{ V/m}$ ; Power Drift =  $0.156 \text{ dB}$

Peak SAR (extrapolated) =  $0.072 \text{ W/kg}$

**SAR(1 g) =  $0.032 \text{ mW/g}$ ; SAR(10 g) =  $0.014 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.042 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.11$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Tilt/GSM 1900 Mid/Area Scan (91x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.014 mW/g

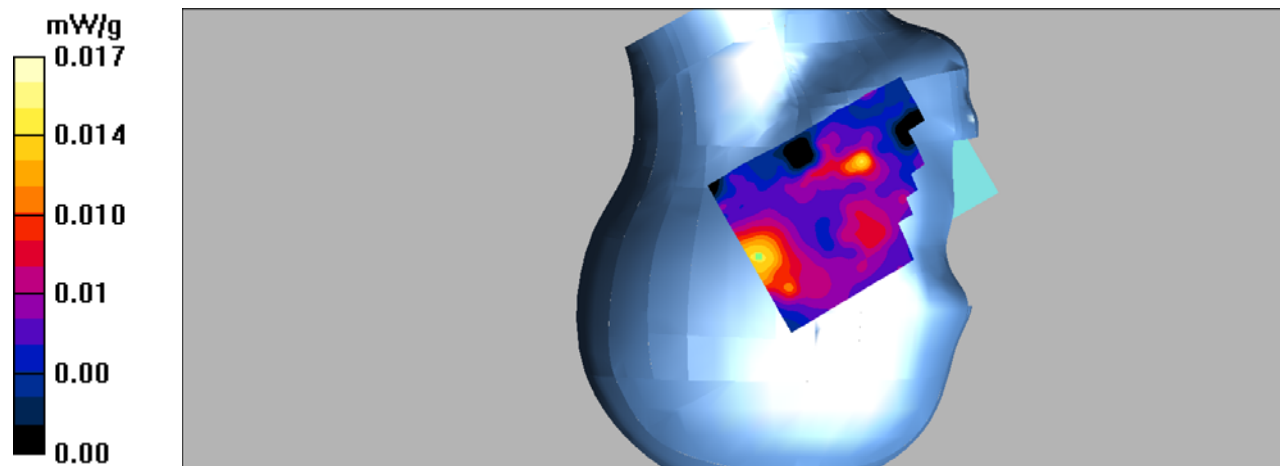
**Right Tilt/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.13 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.050 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00668 mW/g**

Maximum value of SAR (measured) = 0.017 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Worn Back/GSM 1900 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.109 \text{ mW/g}$

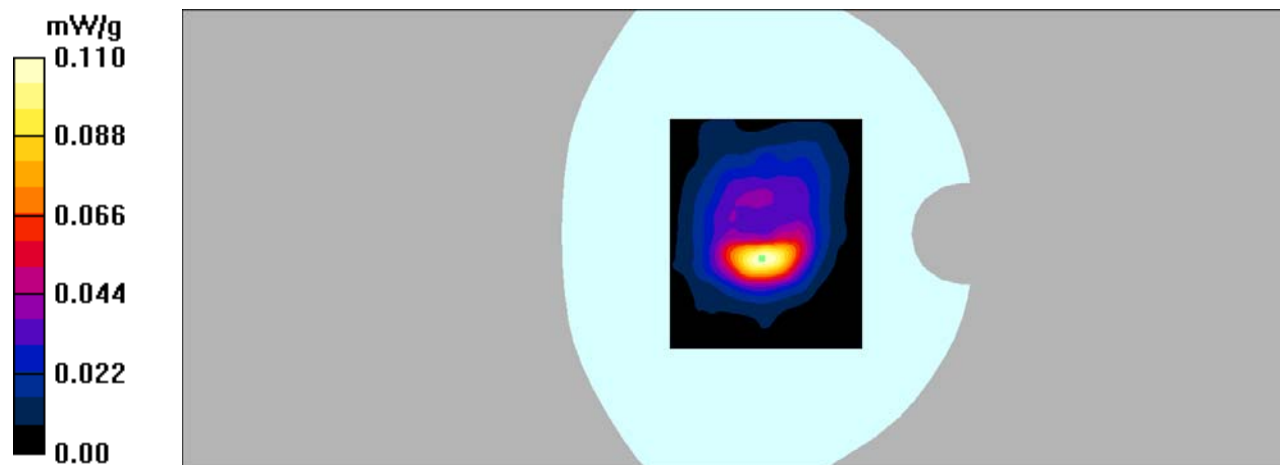
**Body Worn Back/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.75 \text{ V/m}$ ; Power Drift =  $0.019 \text{ dB}$

Peak SAR (extrapolated) =  $0.166 \text{ W/kg}$

**SAR(1 g) =  $0.095 \text{ mW/g}$ ; SAR(10 g) =  $0.047 \text{ mW/g}$**

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





**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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/GSM 1900 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.112 \text{ mW/g}$

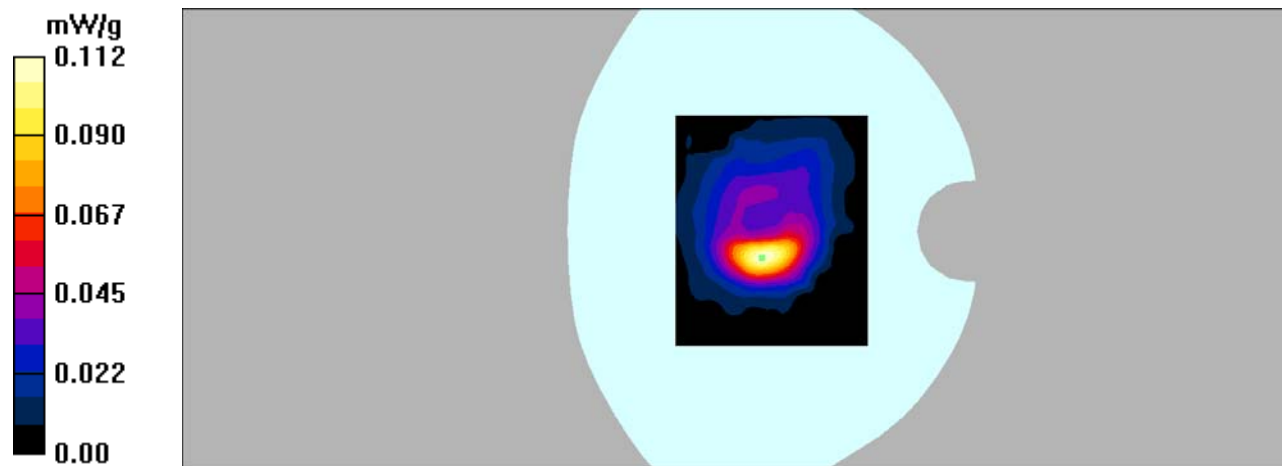
**Body Back/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.08 \text{ V/m}$ ; Power Drift =  $0.032 \text{ dB}$

Peak SAR (extrapolated) =  $0.285 \text{ W/kg}$

**SAR(1 g) =  $0.098 \text{ mW/g}$ ; SAR(10 g) =  $0.044 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.112 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Left/GSM 1900 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.012 mW/g

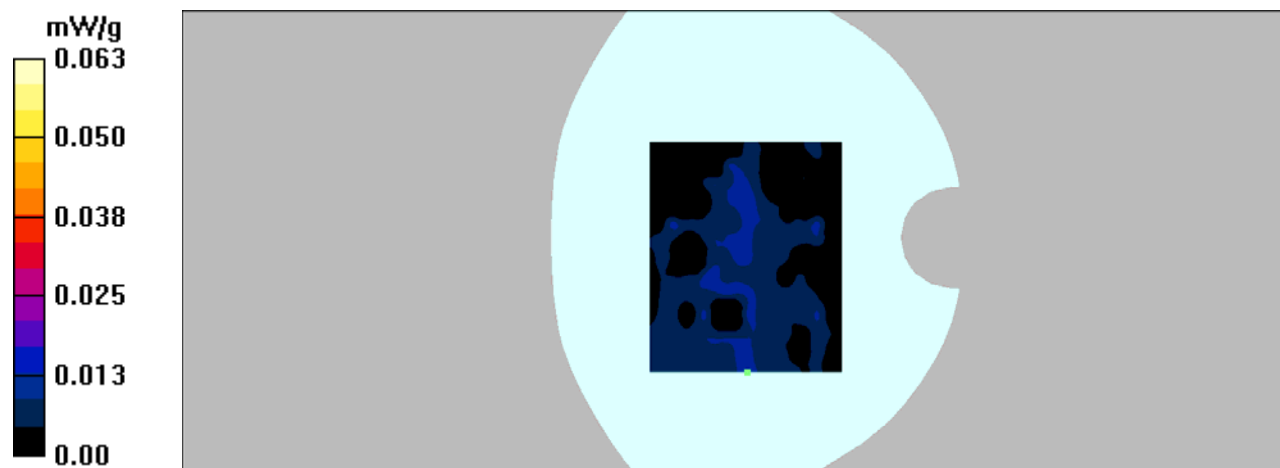
**Body Left/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.58 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.063 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00188 mW/g**

Maximum value of SAR (measured) = 0.063 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Right/GSM 1900 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.021 \text{ mW/g}$

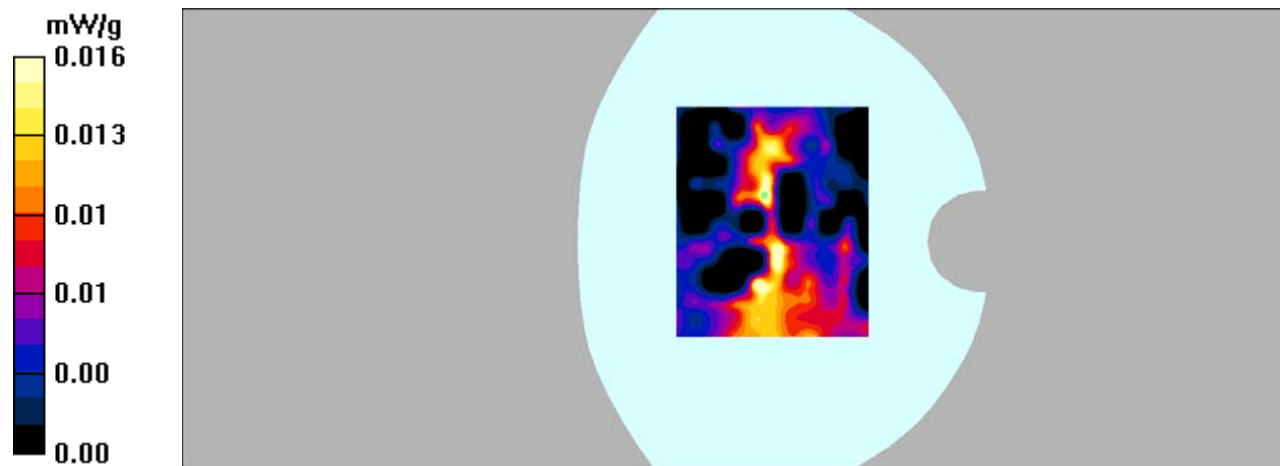
**Body Right/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.43 \text{ V/m}$ ; Power Drift =  $0.022 \text{ dB}$

Peak SAR (extrapolated) =  $0.016 \text{ W/kg}$

**SAR(1 g) =  $0.00108 \text{ mW/g}$ ; SAR(10 g) =  $0.000287 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.016 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: GPRS bands -4slots; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Bottom/GSM 1900 Mid/Area Scan (91x101x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.165 \text{ mW/g}$

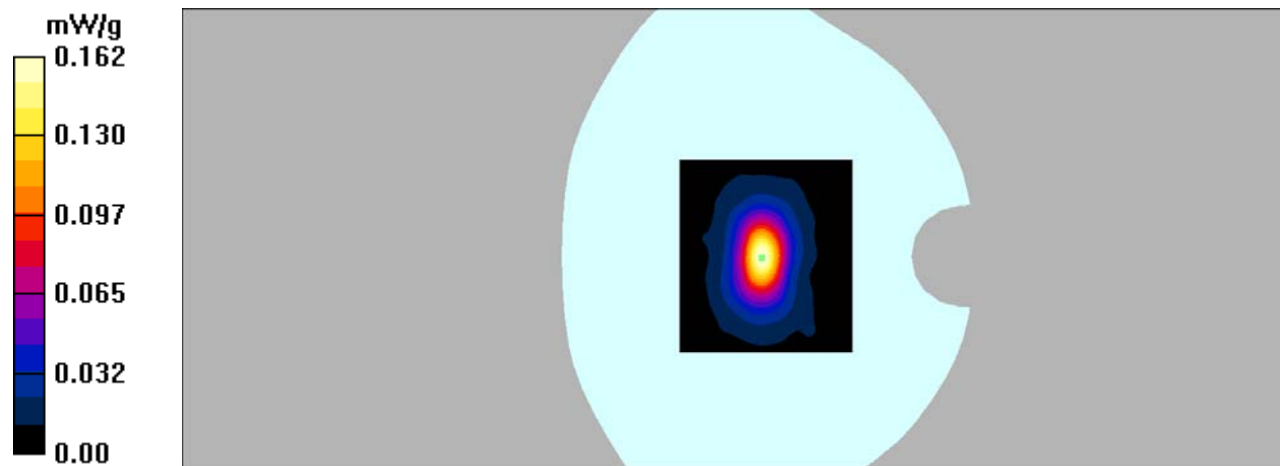
**Body Bottom/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.3 \text{ V/m}$ ; Power Drift =  $0.017 \text{ dB}$

Peak SAR (extrapolated) =  $0.252 \text{ W/kg}$

**SAR(1 g) =  $0.139 \text{ mW/g}$ ; SAR(10 g) =  $0.062 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.162 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Cheek/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.136 mW/g

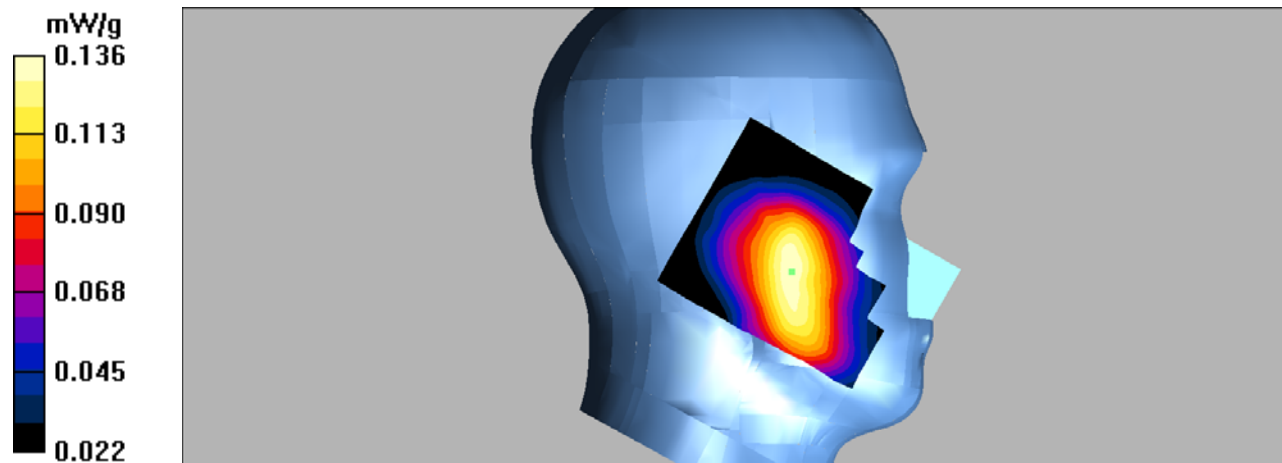
**Left Cheek/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.22 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.158 W/kg

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.099 mW/g**

Maximum value of SAR (measured) = 0.136 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Tilt/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.125 mW/g

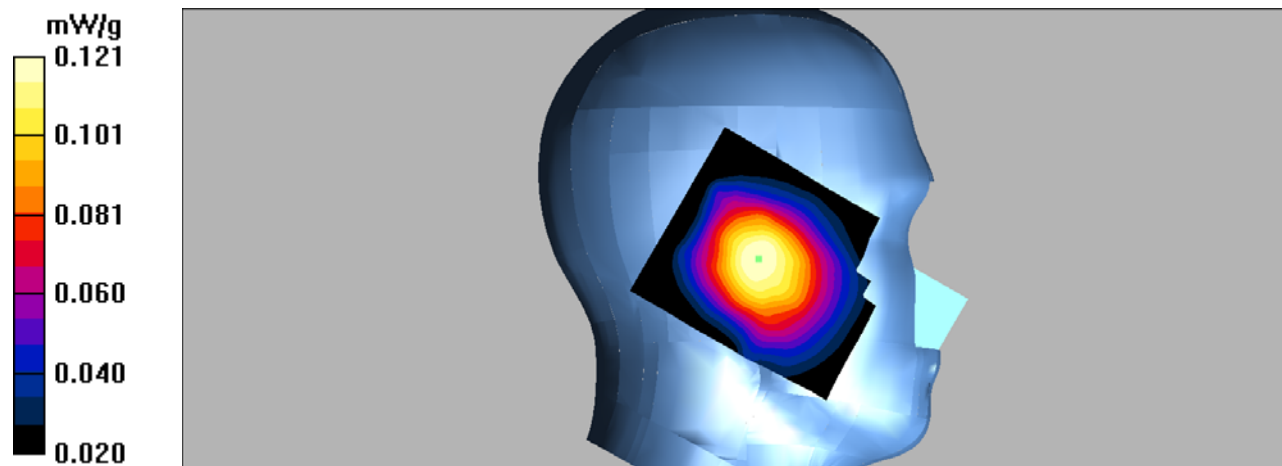
**Left Tilt/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.47 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.121 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.99$ ;  $\rho = 1000$  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 Cheek/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.186 mW/g

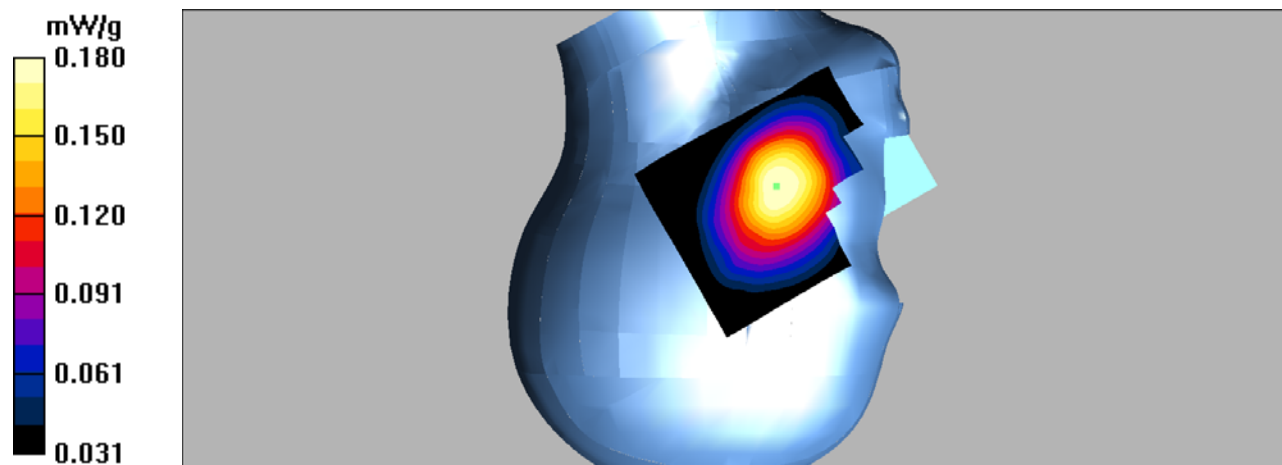
**Right Cheek/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.79 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 0.208 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.135 mW/g**

Maximum value of SAR (measured) = 0.180 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.99$ ;  $\rho = 1000$  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 Tilt/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.115 mW/g

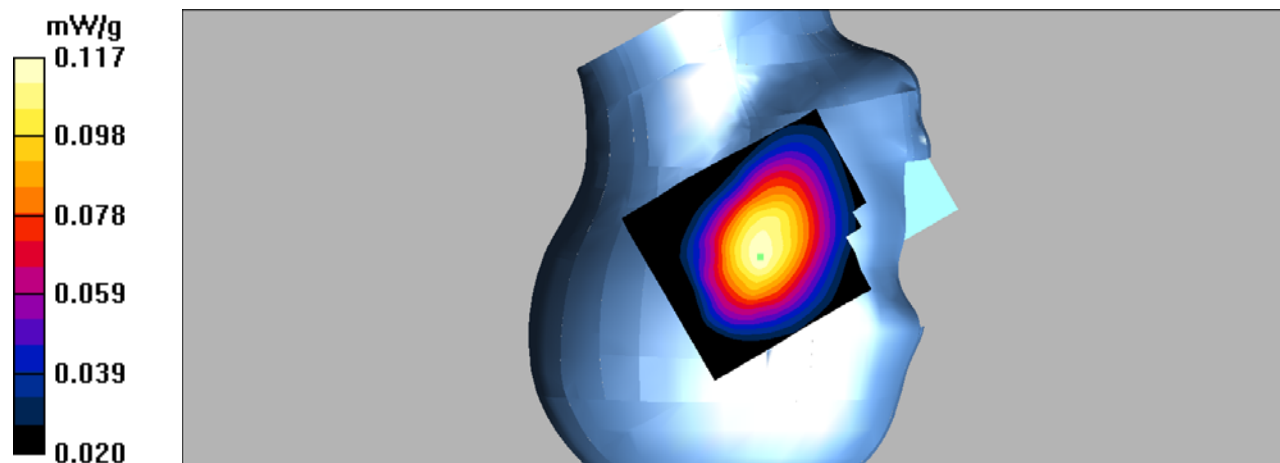
**Right Tilt/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.086 mW/g**

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





**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.35$ ;  $\rho = 1000 \text{ kg/m}^3$

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/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.441 mW/g

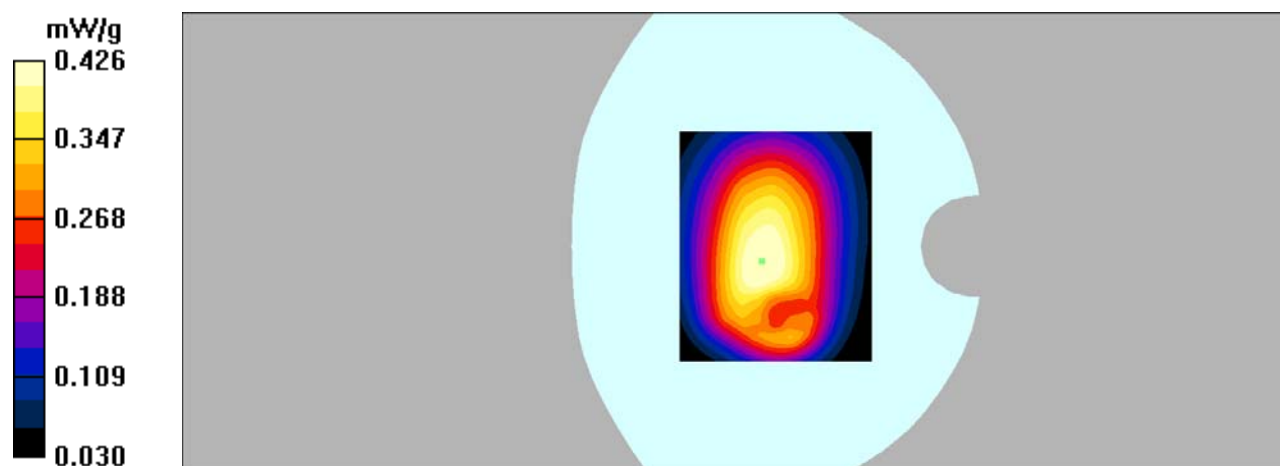
**Body Back/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 21.2 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.504 W/kg

**SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.303 mW/g**

Maximum value of SAR (measured) = 0.426 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.35$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Left/WCDMA Band 5 Mid/Area Scan (91x141x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.165 \text{ mW/g}$

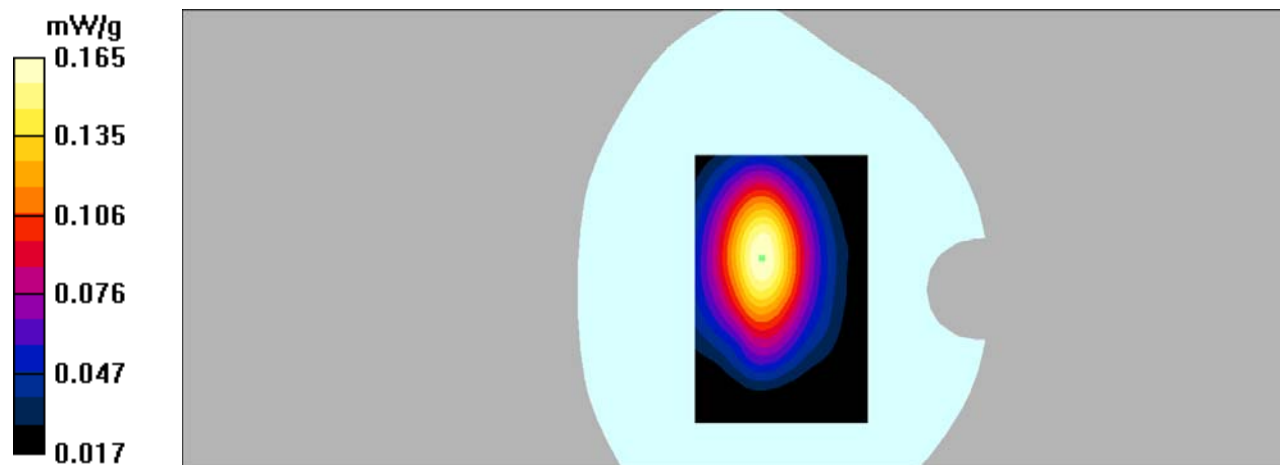
**Body Left/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.6 \text{ V/m}$ ; Power Drift =  $-0.044 \text{ dB}$

Peak SAR (extrapolated) =  $0.209 \text{ W/kg}$

**SAR(1 g) =  $0.154 \text{ mW/g}$ ; SAR(10 g) =  $0.108 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.165 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.35$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Right/WCDMA Band 5 Mid/Area Scan (81x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.265 mW/g

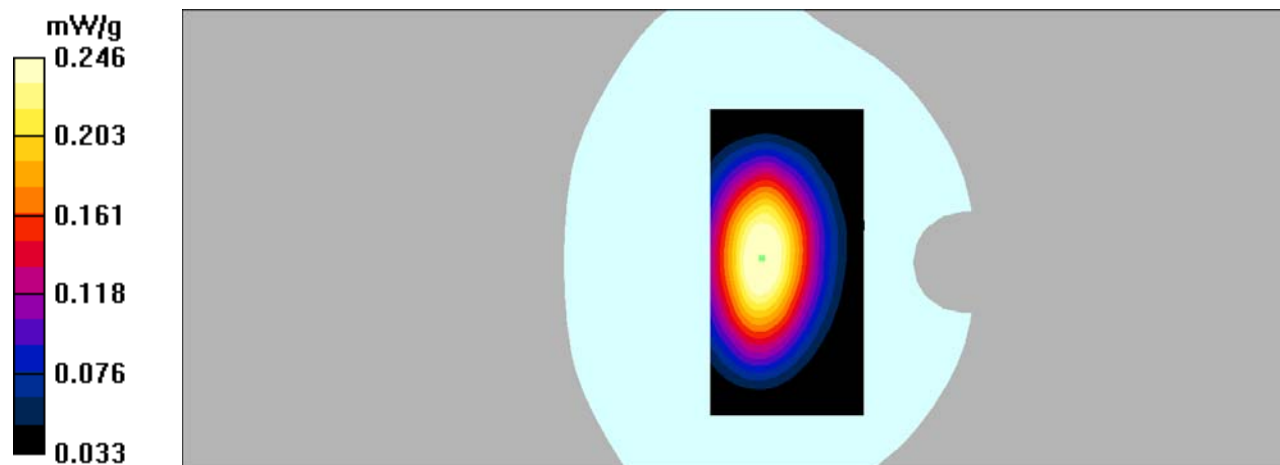
**Body Right/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.5 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.165 mW/g**

Maximum value of SAR (measured) = 0.246 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.35$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Bottom/WCDMA Band 5 Mid/Area Scan (91x101x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.085 mW/g

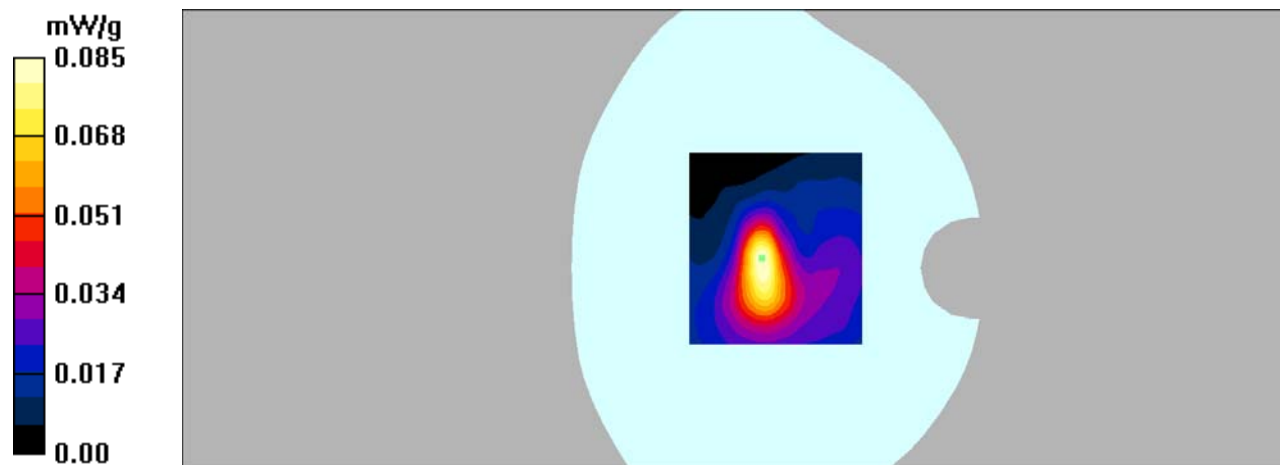
**Body Bottom/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.40 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 0.136 W/kg

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.085 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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 Cheek/WCDMA Band 4 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.306 mW/g

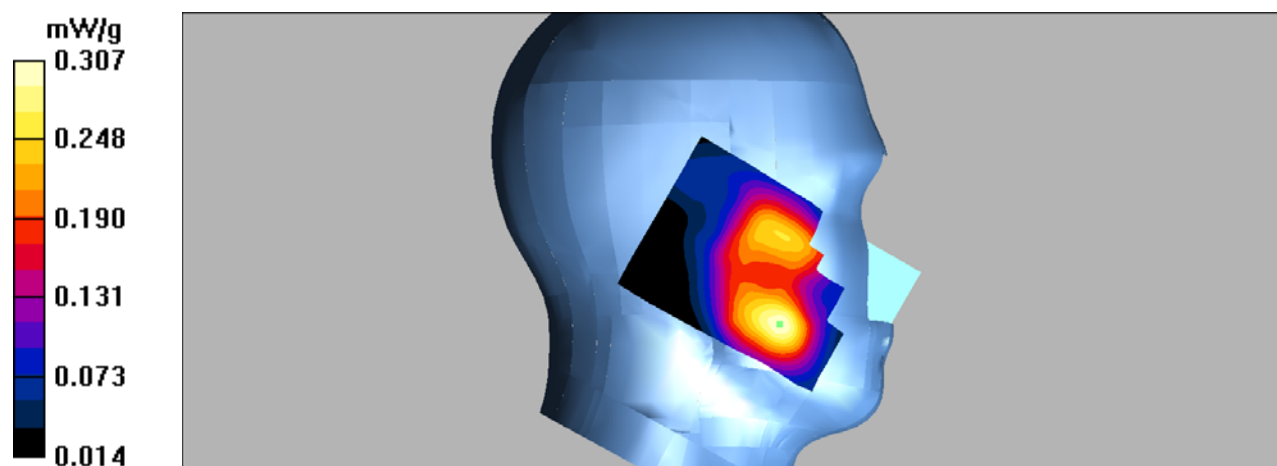
**Left Cheek/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.66 V/m; Power Drift = -0.208 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.175 mW/g**

Maximum value of SAR (measured) = 0.307 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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 Tilt/WCDMA Band 4 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.120 mW/g

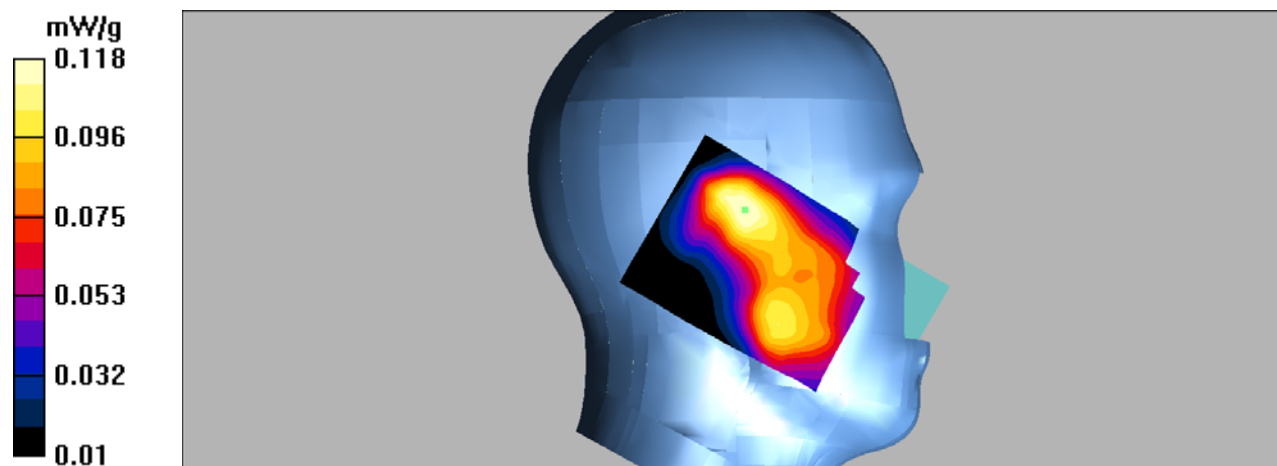
**Left Tilt/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.56 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.165 W/kg

**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.118 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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 Cheek/WCDMA Band 4 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.435 mW/g

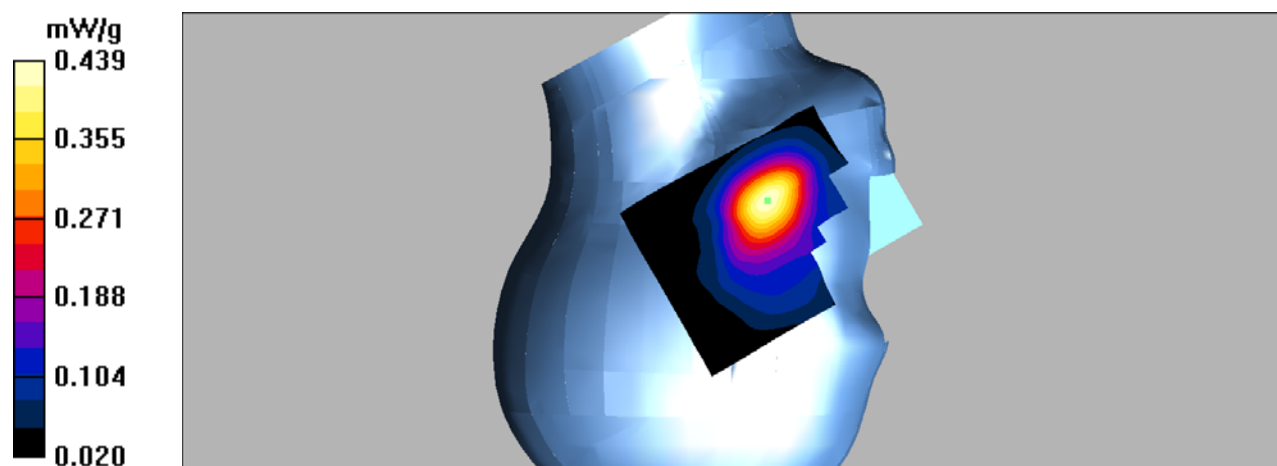
**Right Cheek/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.41 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.578 W/kg

**SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.255 mW/g**

Maximum value of SAR (measured) = 0.439 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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 Tilt/WCDMA Band 4 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.073 mW/g

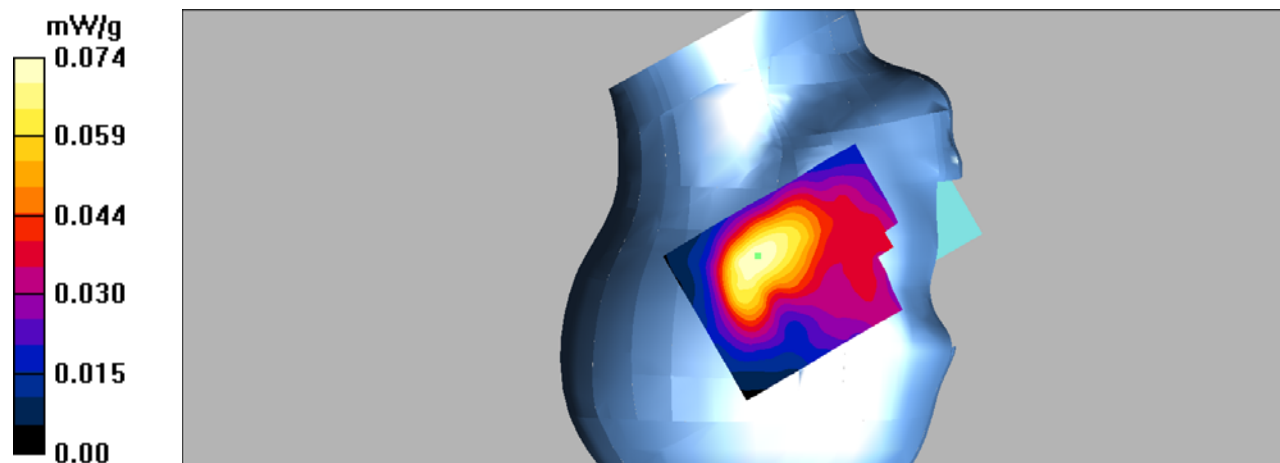
**Right Tilt/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.52 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.074 mW/g





**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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/WCDMA Band 4 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.670 mW/g

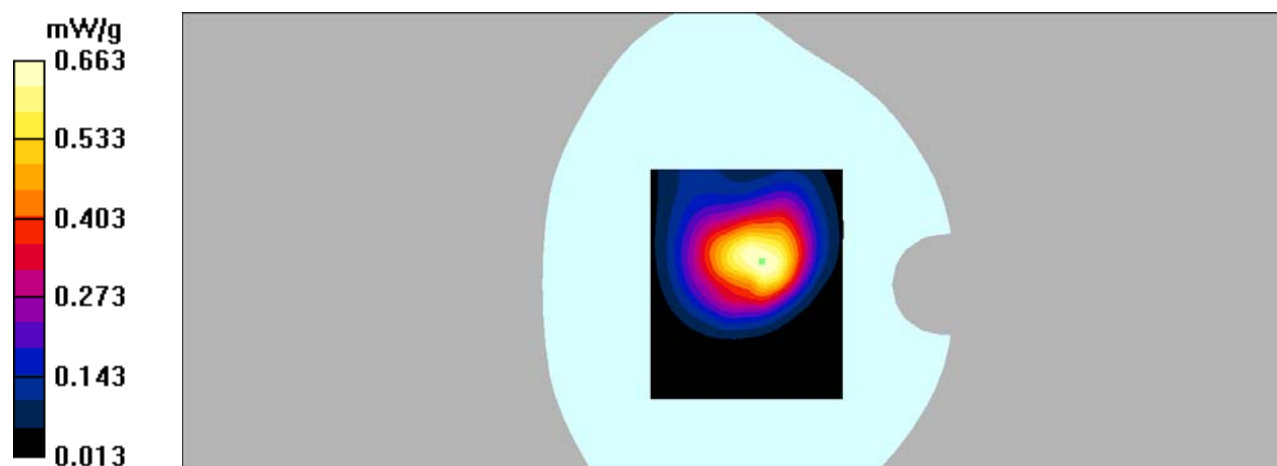
**Body Back/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.356 mW/g**

Maximum value of SAR (measured) = 0.663 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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 Left/WCDMA Band 4 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

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

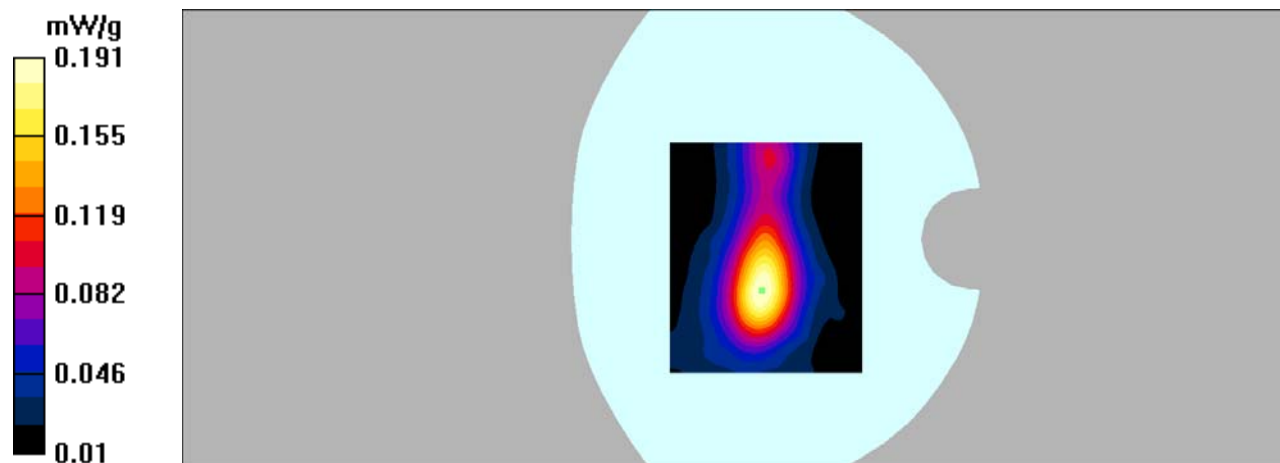
**Body Left/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.95 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.191 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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 Right/WCDMA Band 4 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

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

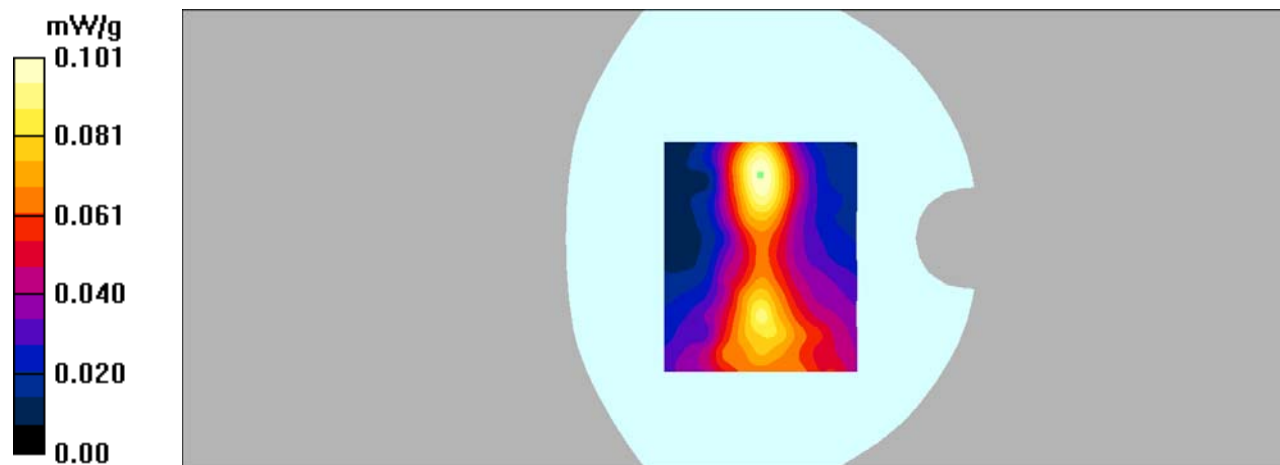
**Body Right/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.44 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.054 mW/g**

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



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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 Bottom/WCDMA Band 4 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.520 mW/g

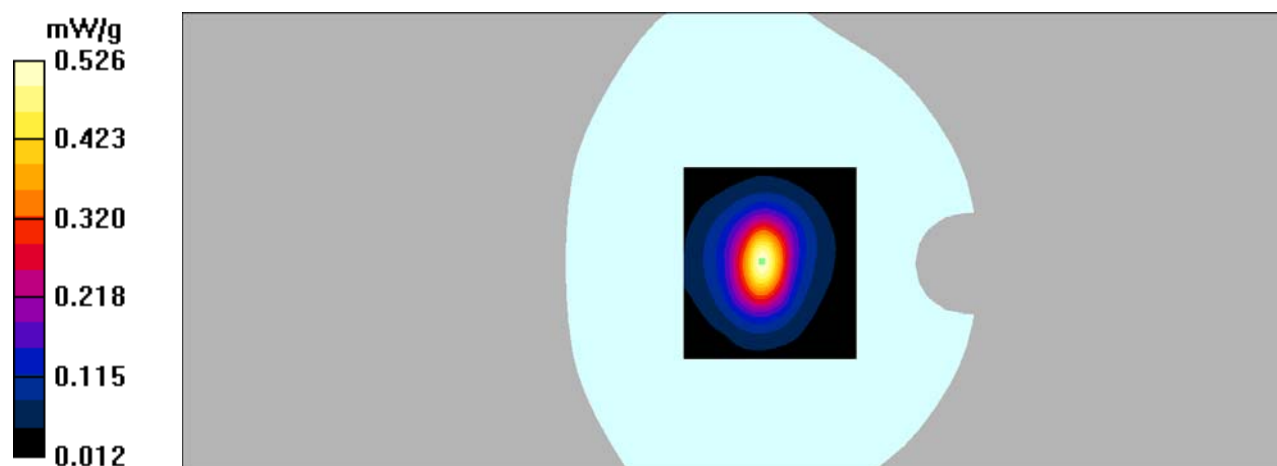
**Body Bottom/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.833 W/kg

**SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.251 mW/g**

Maximum value of SAR (measured) = 0.526 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Cheek/WCDMA Band 2 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.138 mW/g

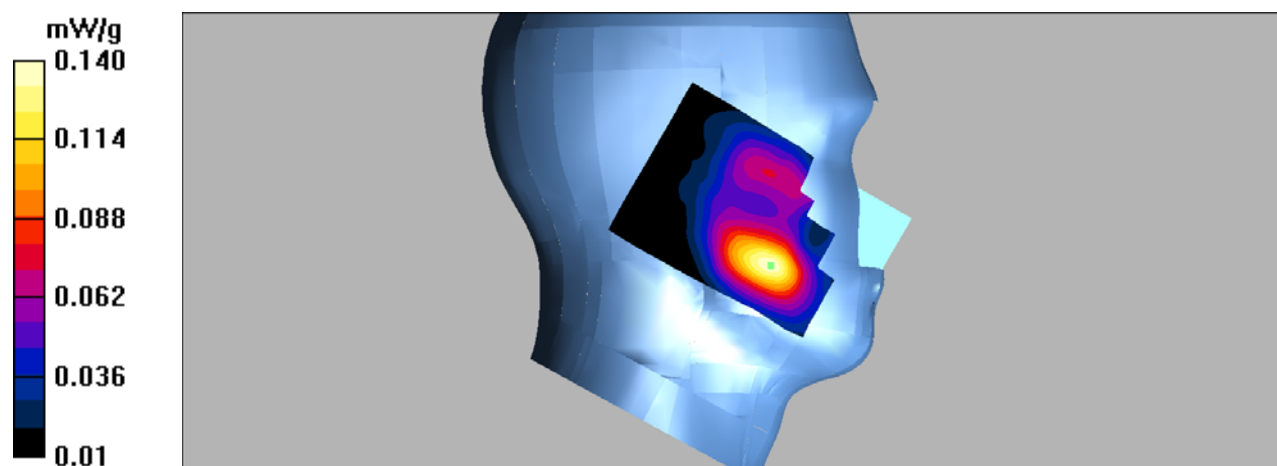
**Left Cheek/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.50 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.198 W/kg

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.140 mW/g



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.11$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Tilt/WCDMA Band 2 Mid/Area Scan (91x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.053 mW/g

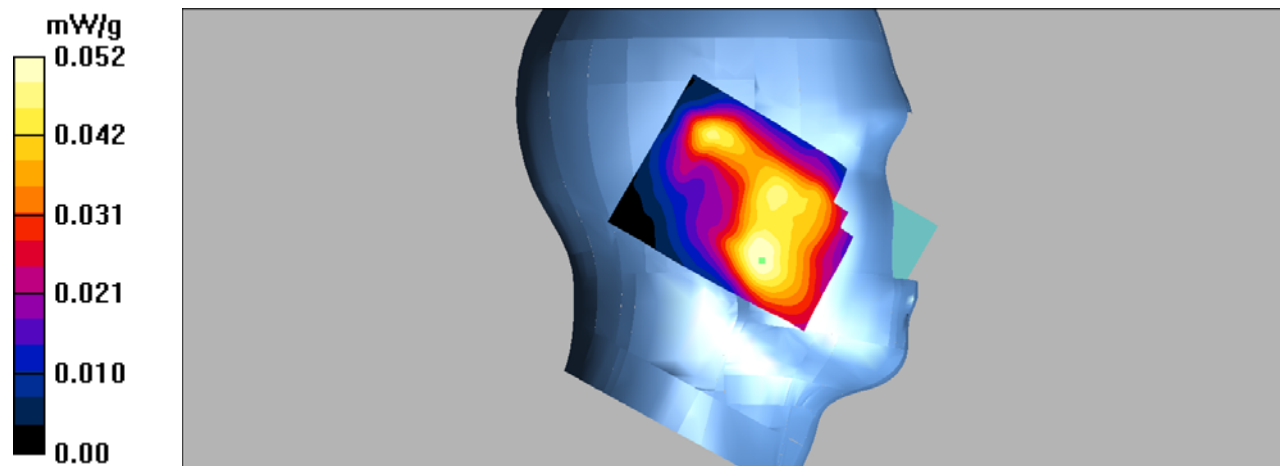
**Left Tilt/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.46 V/m; Power Drift = -0.209 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.032 mW/g**

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



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.11$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Cheek/WCDMA Band 2 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.139 \text{ mW/g}$

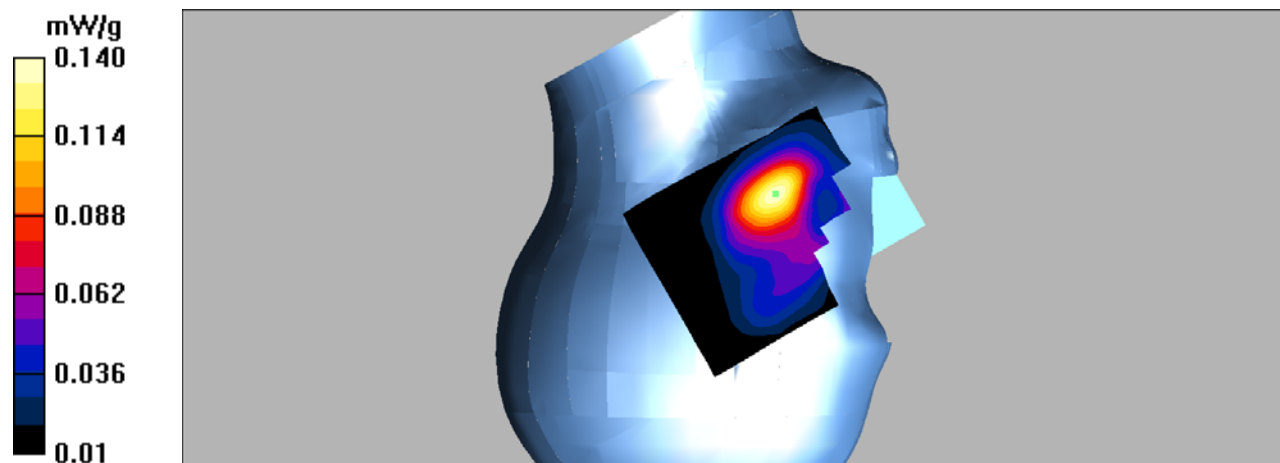
**Right Cheek/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.89 \text{ V/m}$ ; Power Drift =  $-0.171 \text{ dB}$

Peak SAR (extrapolated) =  $0.199 \text{ W/kg}$

**SAR(1 g) =  $0.128 \text{ mW/g}$ ; SAR(10 g) =  $0.079 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.140 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.11$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Tilt/WCDMA Band 2 Mid/Area Scan (91x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.037 \text{ mW/g}$

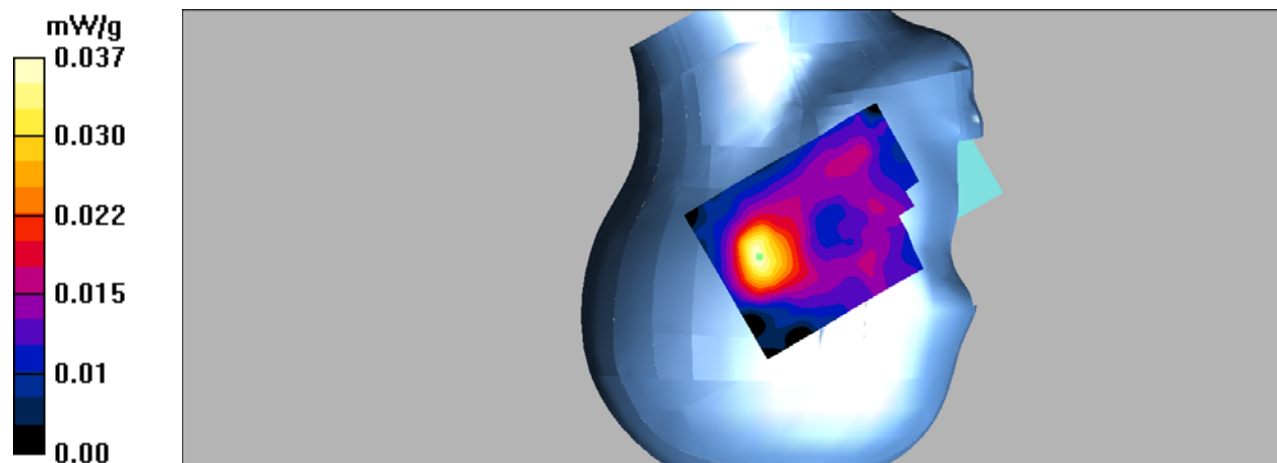
**Right Tilt/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.12 \text{ V/m}$ ; Power Drift =  $-0.114 \text{ dB}$

Peak SAR (extrapolated) =  $0.049 \text{ W/kg}$

**SAR(1 g) =  $0.032 \text{ mW/g}$ ; SAR(10 g) =  $0.018 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.037 \text{ mW/g}$





**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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/WCDMA Band 2 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.338 \text{ mW/g}$

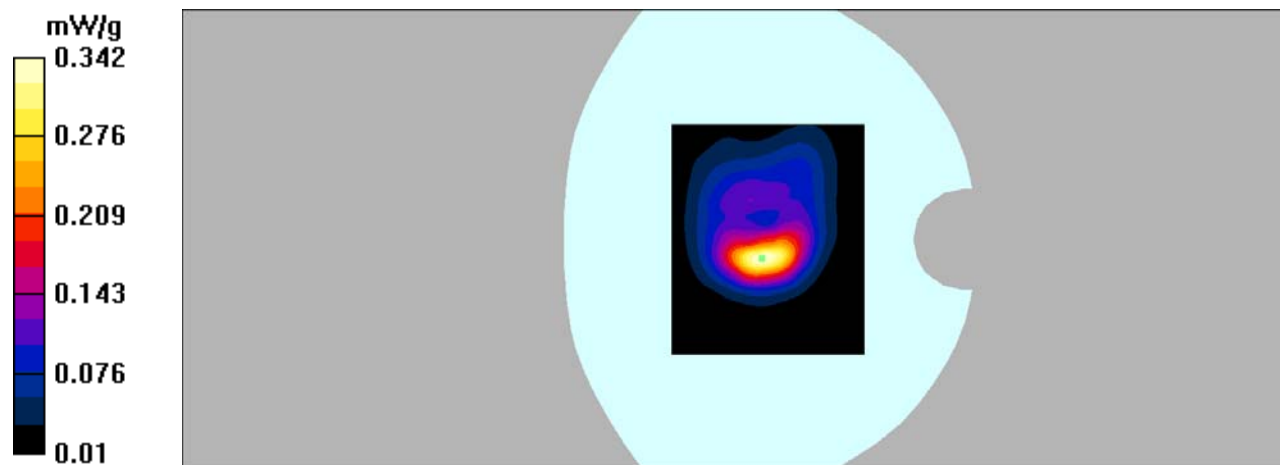
**Body Back/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.8 \text{ V/m}$ ; Power Drift =  $0.124 \text{ dB}$

Peak SAR (extrapolated) =  $0.578 \text{ W/kg}$

**SAR(1 g) =  $0.301 \text{ mW/g}$ ; SAR(10 g) =  $0.150 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.342 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Left/WCDMA Band 2 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.036 \text{ mW/g}$

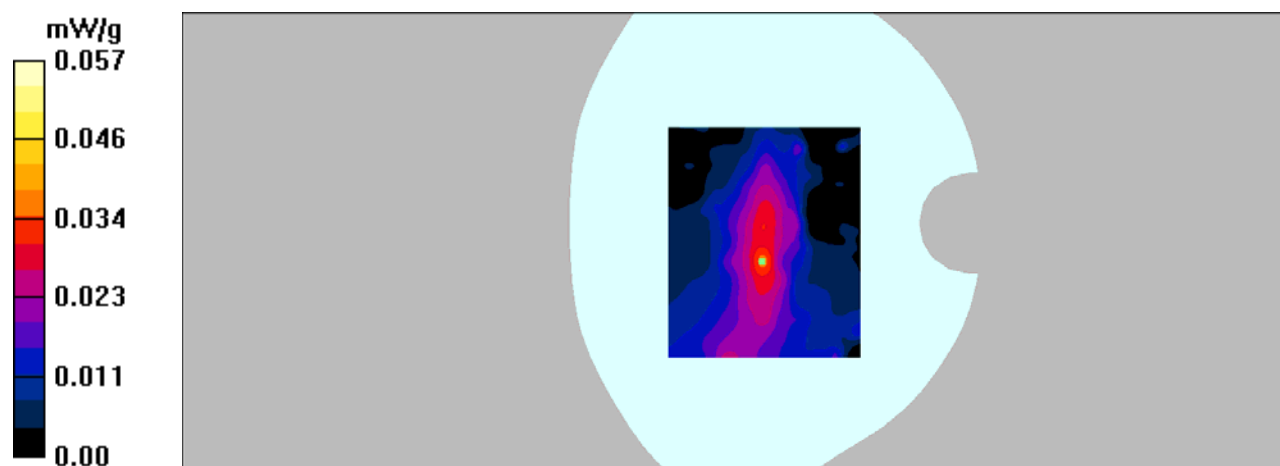
**Body Left/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.17 \text{ V/m}$ ; Power Drift =  $0.076 \text{ dB}$

Peak SAR (extrapolated) =  $0.064 \text{ W/kg}$

**SAR(1 g) =  $0.000915 \text{ mW/g}$ ; SAR(10 g) =  $0.000261 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.057 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Right/WCDMA Band 2 Mid/Area Scan (101x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.036 \text{ mW/g}$

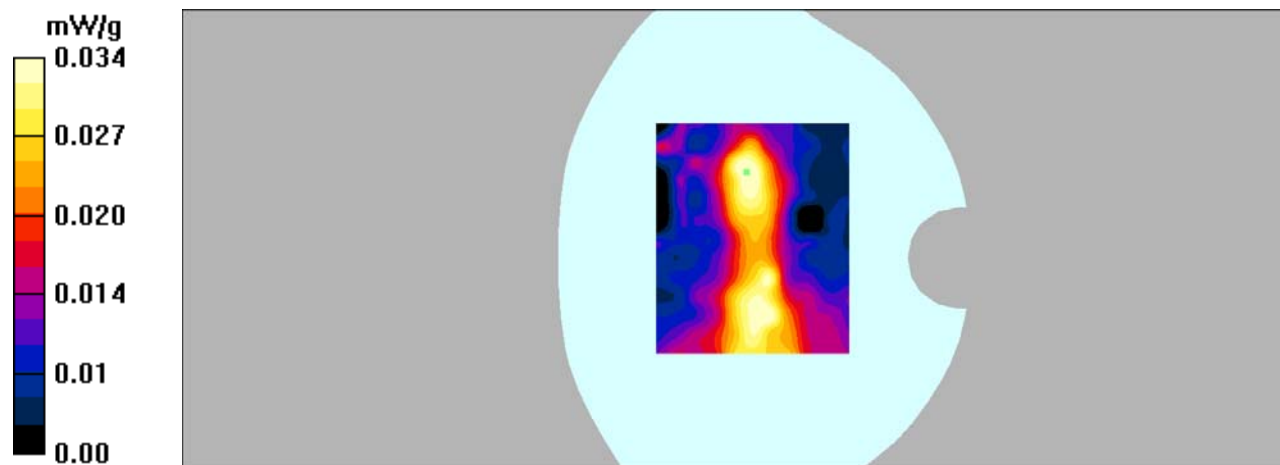
**Body Right/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.65 \text{ V/m}$ ; Power Drift =  $0.164 \text{ dB}$

Peak SAR (extrapolated) =  $0.104 \text{ W/kg}$

**SAR(1 g) =  $0.030 \text{ mW/g}$ ; SAR(10 g) =  $0.015 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.034 \text{ mW/g}$



**DUT: Mobile Phone; Type: GRAND mini;**

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.43$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Bottom/WCDMA Band 2 Mid/Area Scan (91x101x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.471 \text{ mW/g}$

**Body Bottom/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.5 \text{ V/m}$ ; Power Drift =  $0.111 \text{ dB}$

Peak SAR (extrapolated) =  $0.810 \text{ W/kg}$

**SAR(1 g) =  $0.411 \text{ mW/g}$ ; SAR(10 g) =  $0.197 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.470 \text{ mW/g}$

