



# Compliance Certification Services Inc.

Test Laboratory: Compliance Certification Services Inc.

## **IEEE802.11b (WI-FI) Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band: IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB  
Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

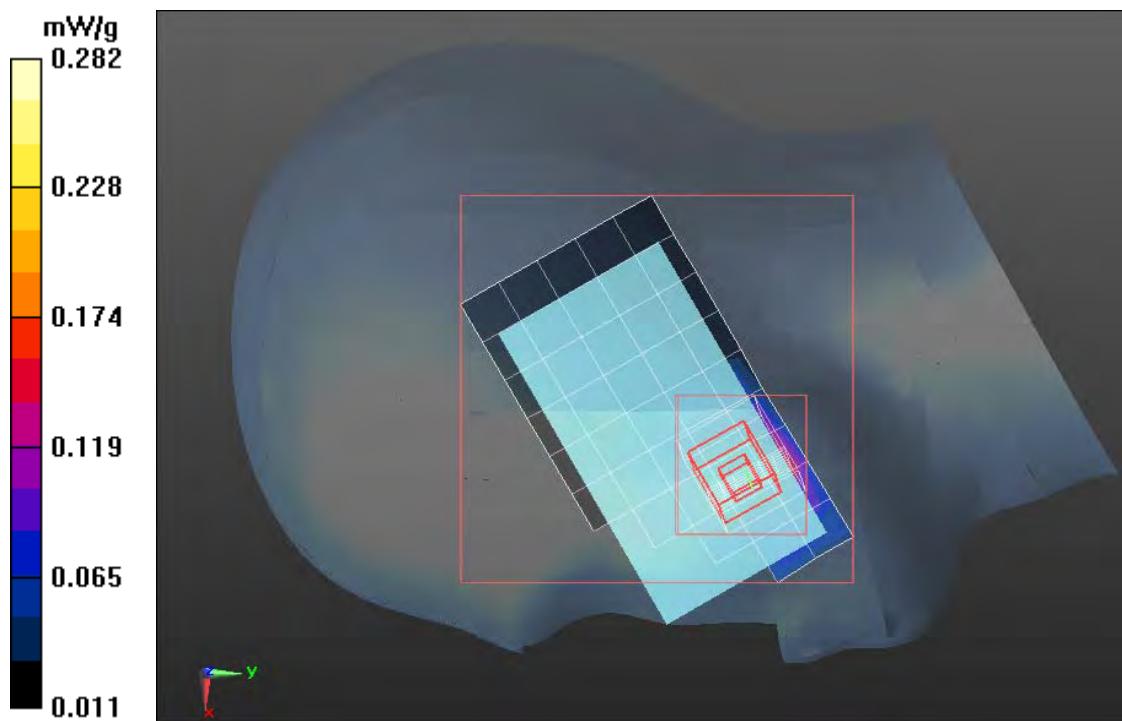
**IEEE802.11b (WI-FI)/ Right Head Cheek Low CH1/Area Scan (6x10x1):**  
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11b (WI-FI)/ Right Head Cheek Low CH1/Zoom Scan (8x8x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.240mW/g**



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### **IEEE802.11b (WI-FI)- Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

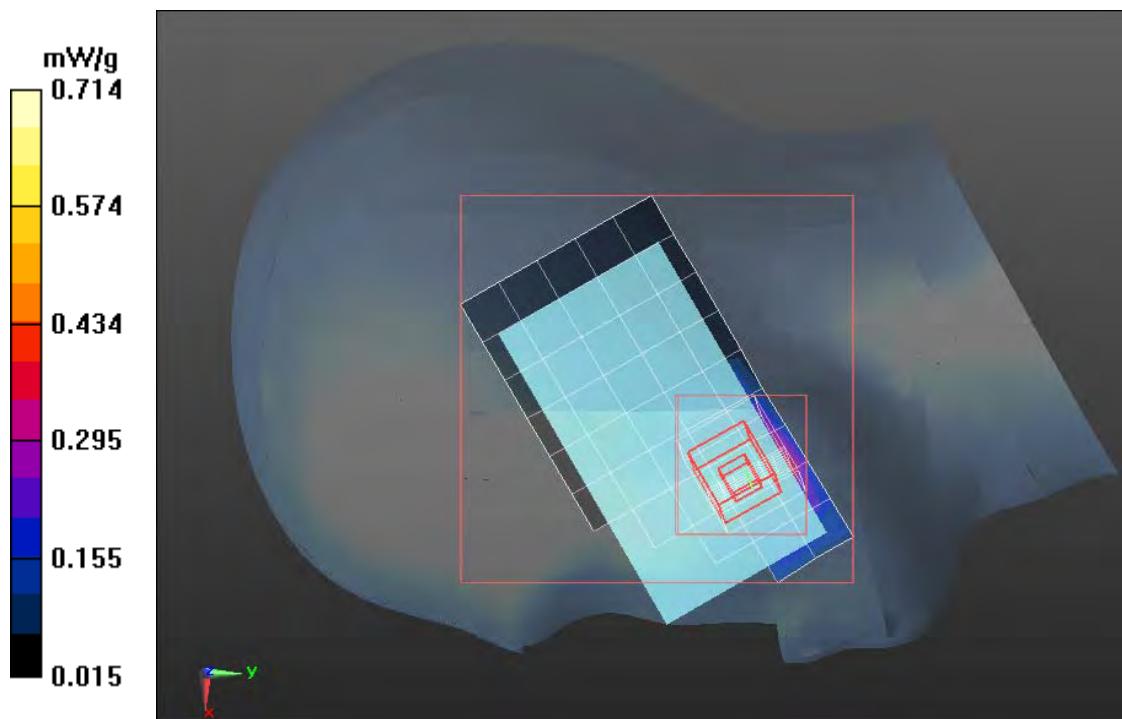
### **IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH6/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.209 mW/g**



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Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

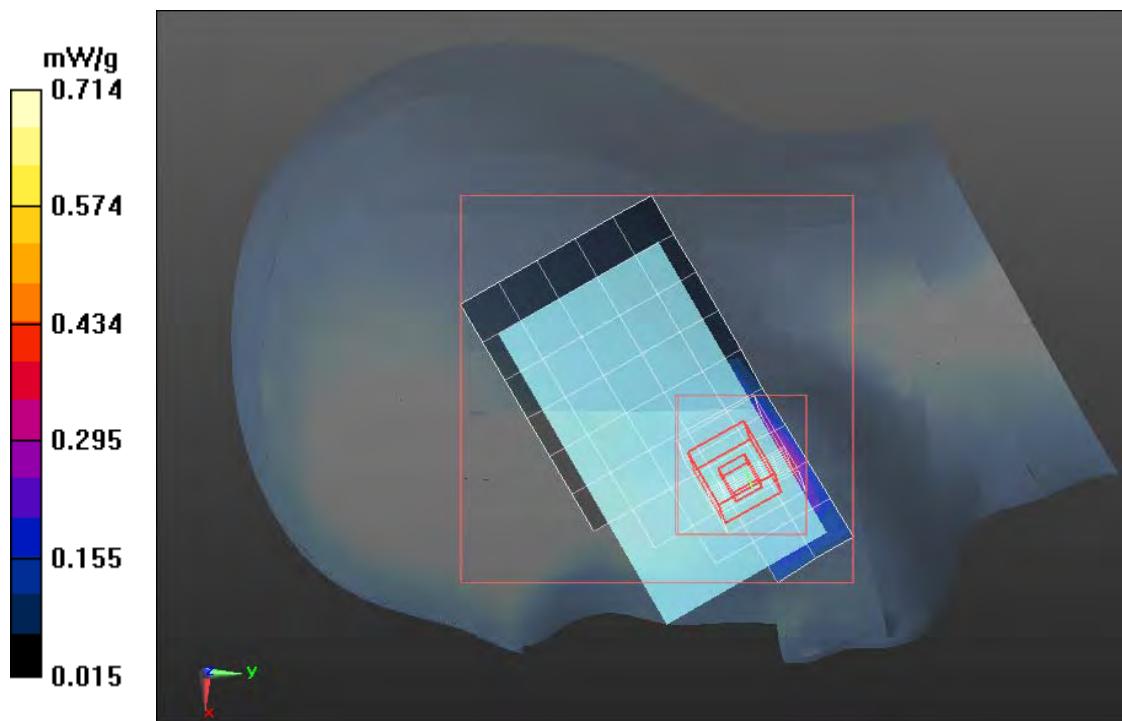
**IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH11/Area Scan  
(6x10x1):** Measurement grid: dx=15mm, dy=15mm

**IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH11/Zoom Scan  
(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.264 mW/g**



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## **IEEE802.11b (WI-FI) Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/ Right Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

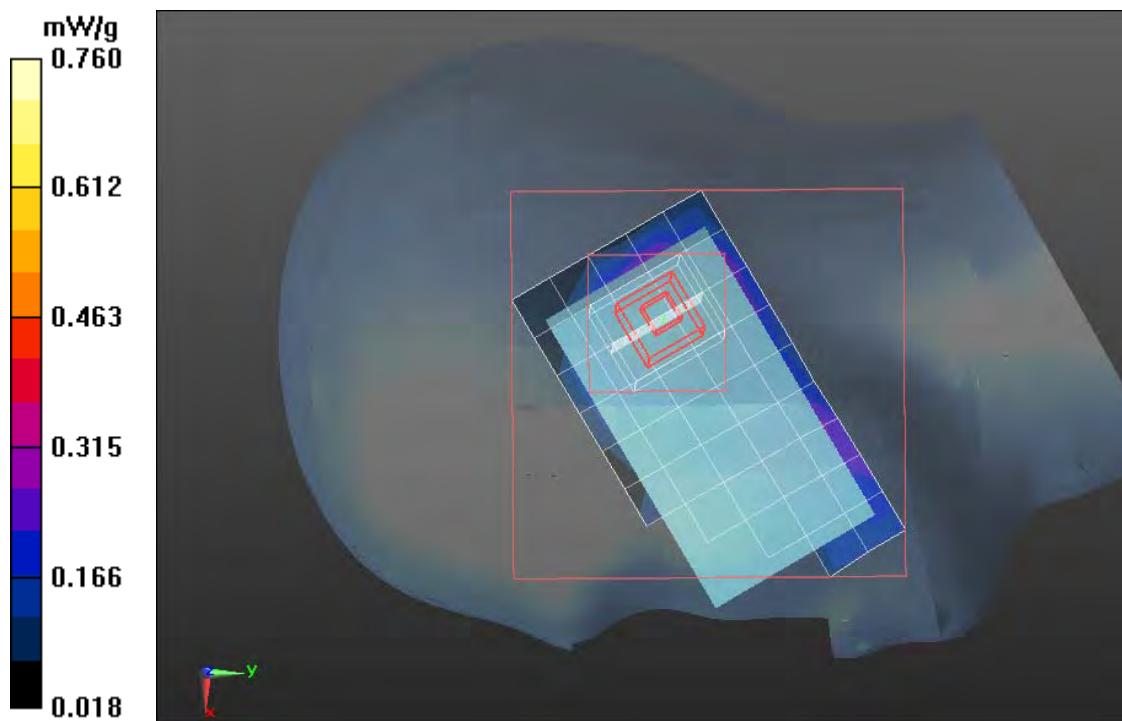
## **IEEE802.11b (WI-FI)/ Right Head Tilted Low CH1/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.219 mW/g**



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Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

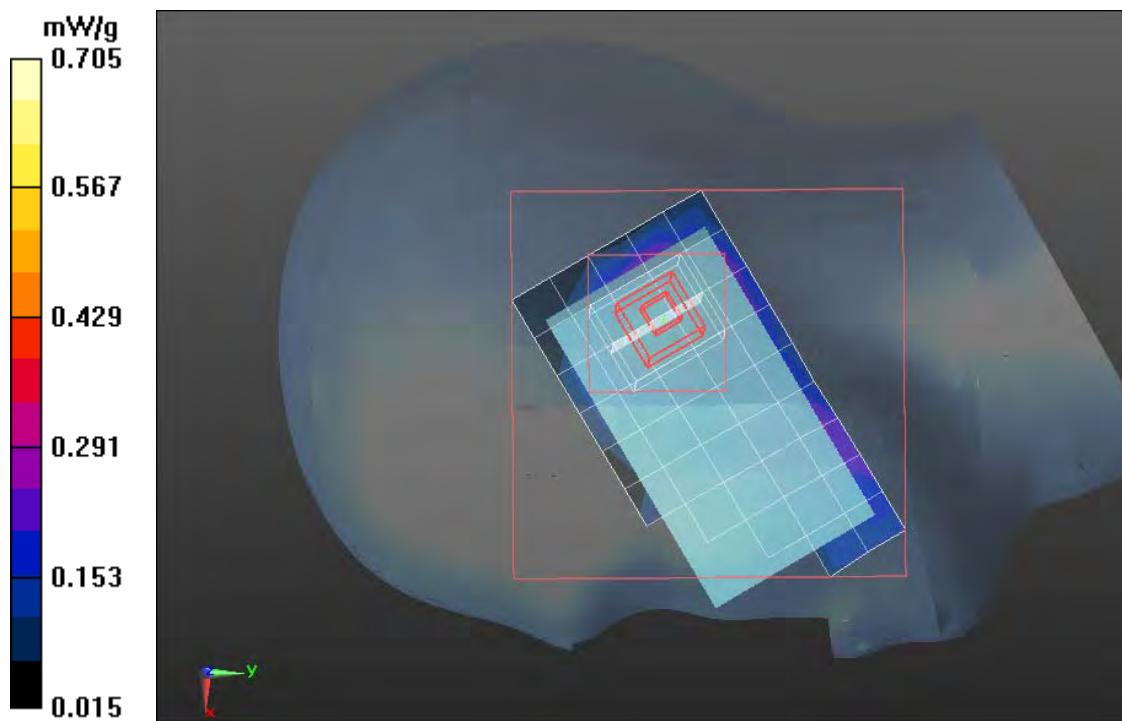
## **IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH6/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.203 mW/g**



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**IEEE802.11b (WI-FI)- Right Head Slide off**

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Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

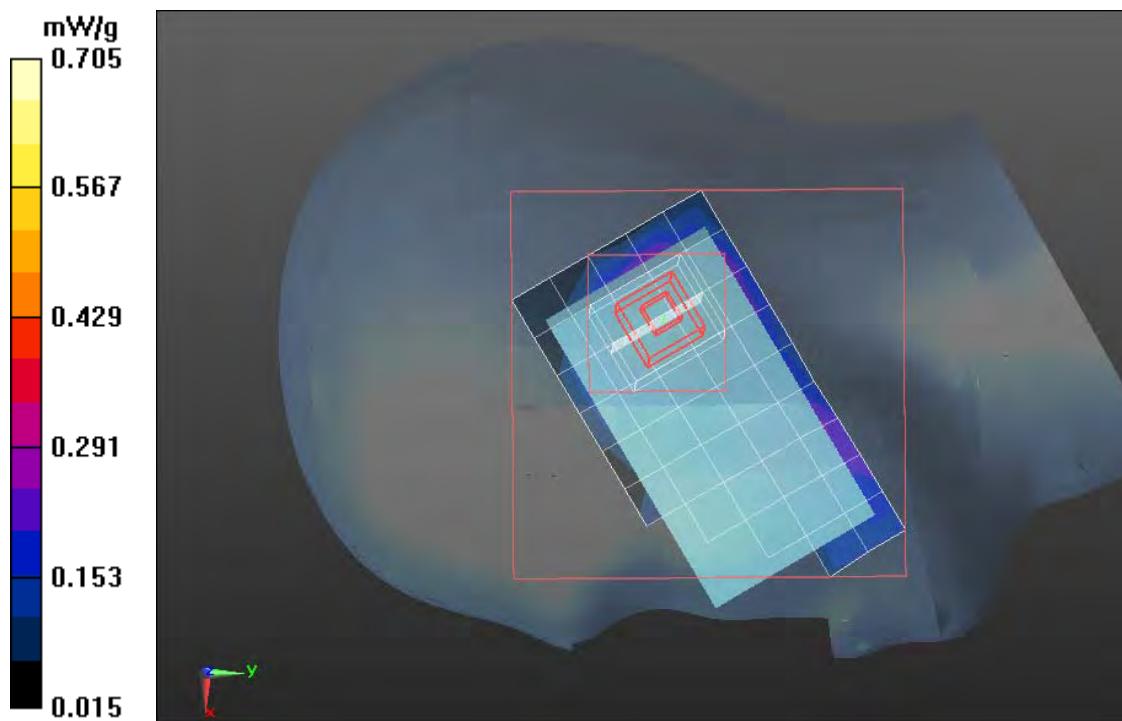
**IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.208 mW/g**



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## **IEEE802.11b (WI-FI) Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/ Left Head Cheek Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

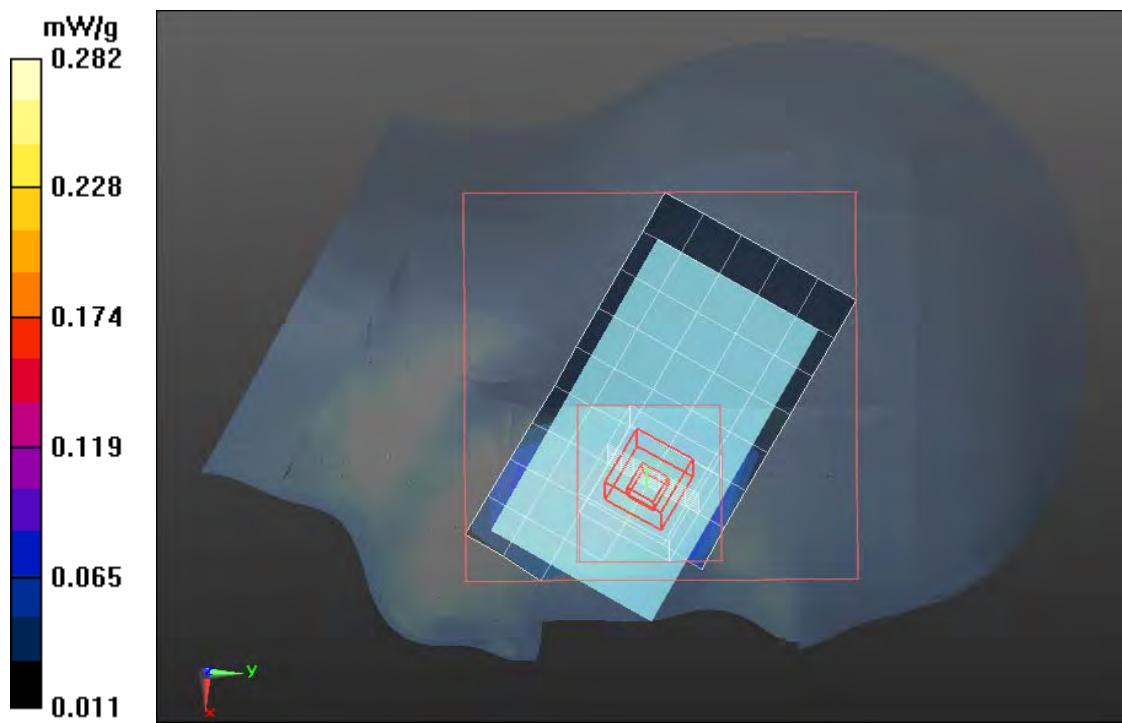
## **IEEE802.11b (WI-FI)/ Left Head Cheek Low CH1/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.245 mW/g**



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## **IEEE802.11b (WI-FI)-Left Head Slide off**

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IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

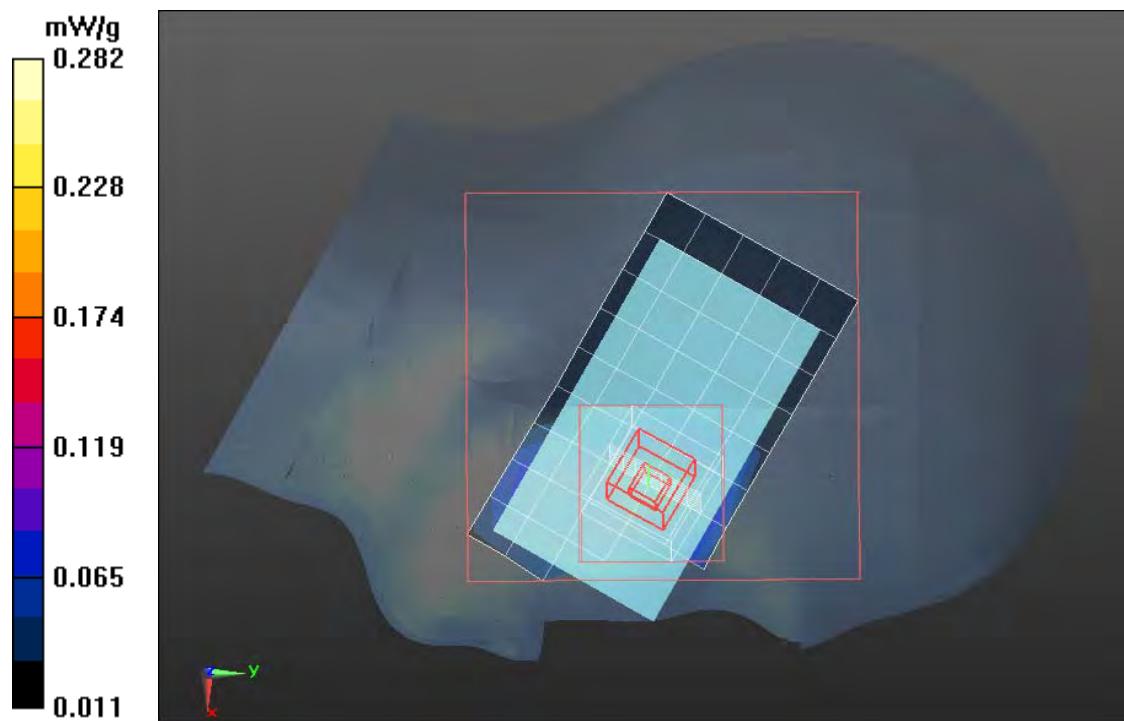
## **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH6/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.236 mW/g**



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Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

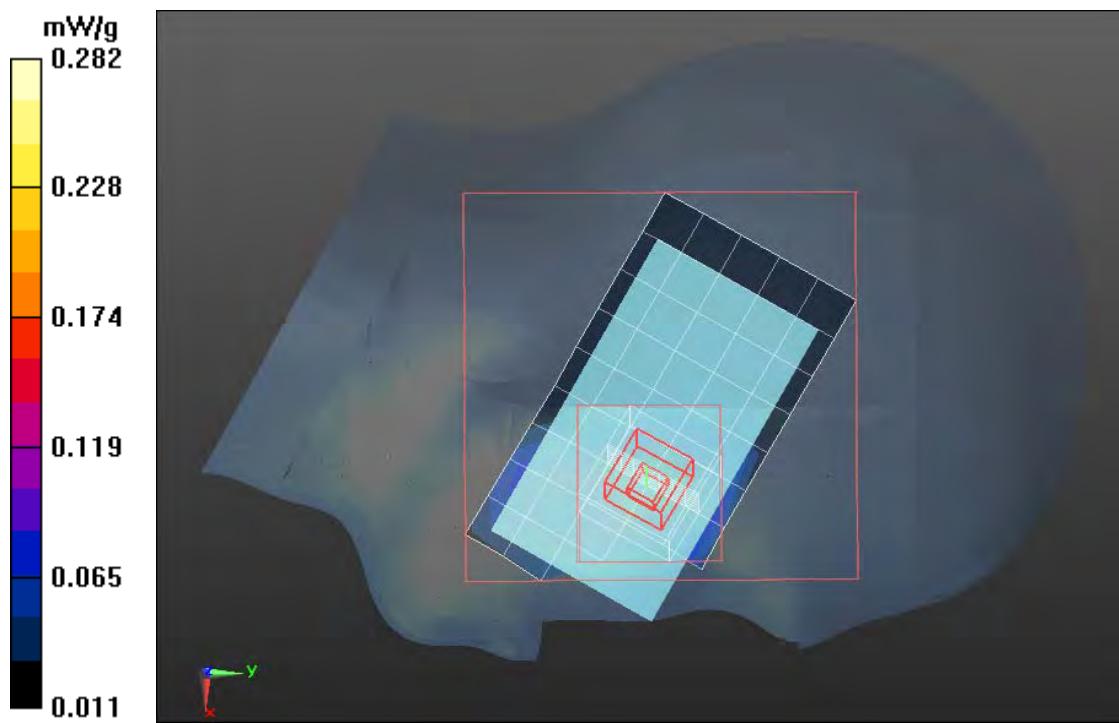
### **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.254 mW/g**



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## **IEEE802.11b (WI-FI) Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Left Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

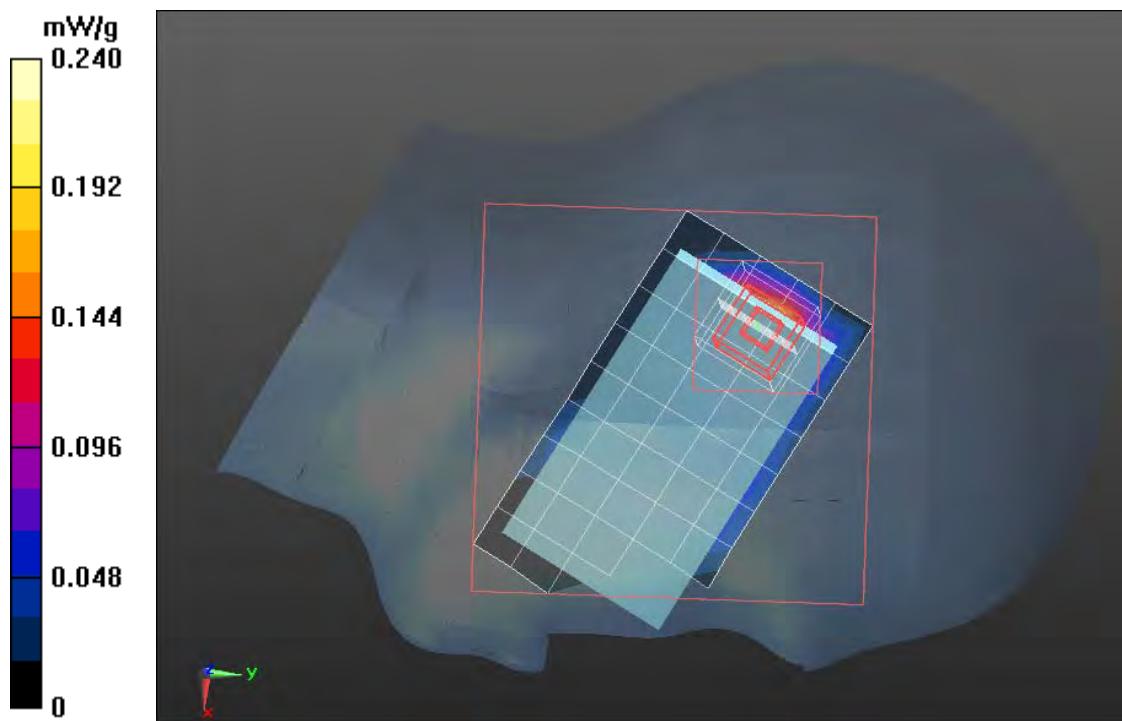
## **IEEE802.11b (WI-FI)/Left Head Tilted Low CH1/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.208 mW/g**



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## **EEE802.11b (WI-FI)-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band: IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB  
Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

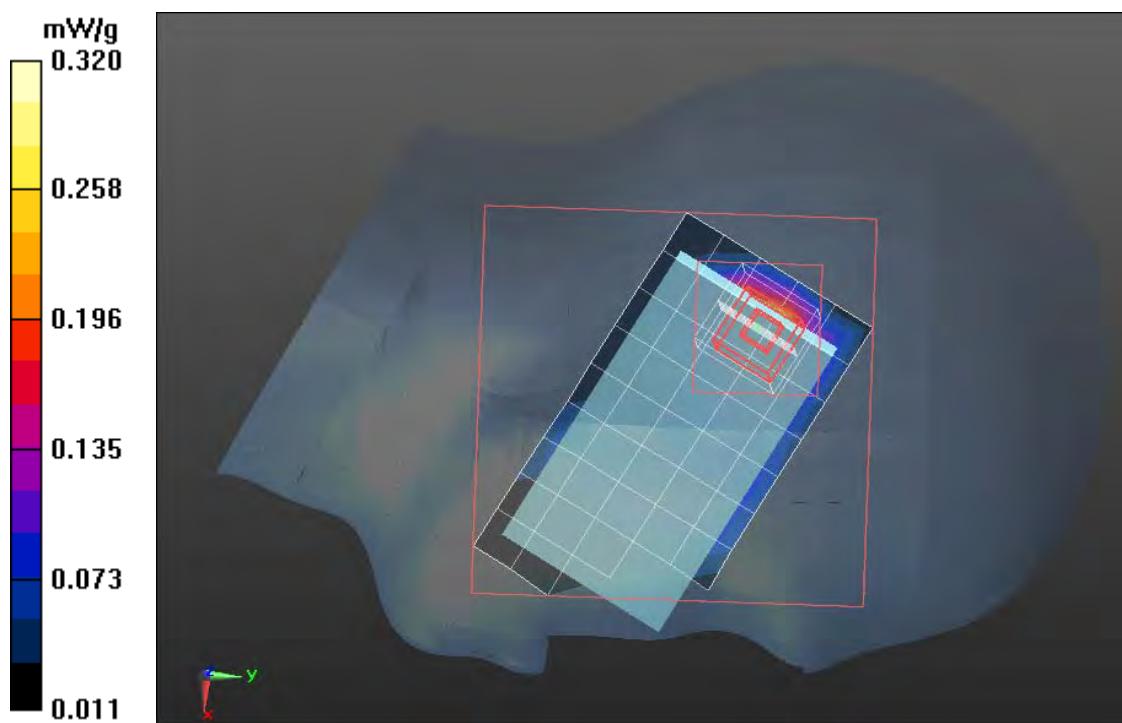
**IEEE802.11b (WI-FI)/Left Head Tilted Middle CH6/Area Scan (6x10x1):**  
Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**IEEE802.11b (WI-FI)/Left Head Tilted Middle CH6/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.246 mW/g**



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## **IEEE802.11b (WI-FI)-Left Head Slide off**

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Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Left Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

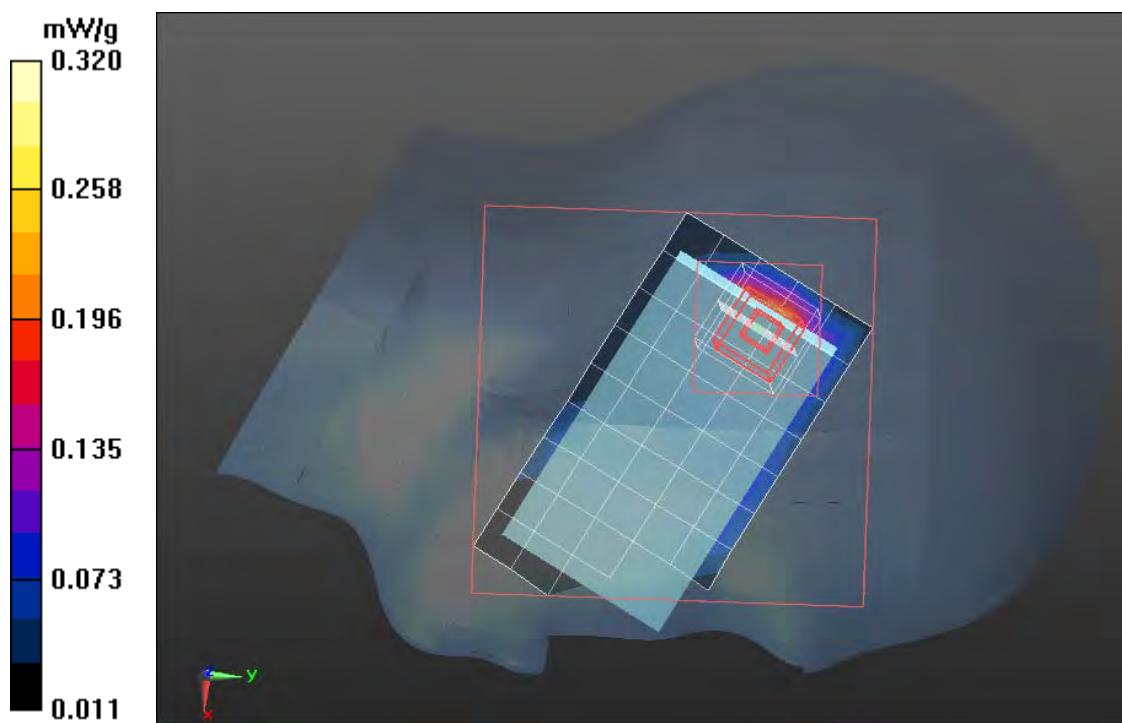
## **IEEE802.11b (WI-FI)/Left Head Tilted Middle CH11/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.204mW/g**



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## **IEEE802.11b (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Body Down Middle CH1/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

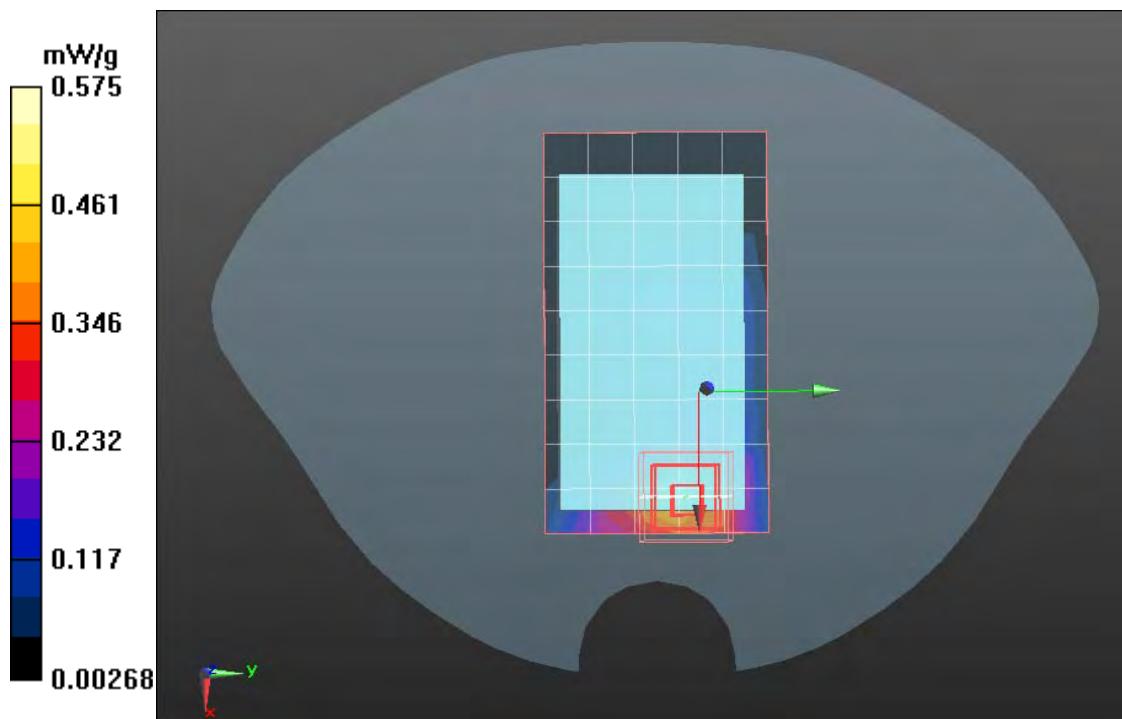
## **IEEE802.11b (WI-FI)/Body Down Middle CH1/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.215 mW/g**



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### **IEEE802.11b (WI-FI)-Body Slide off**

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Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.95\text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/Body Down Middle CH6/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

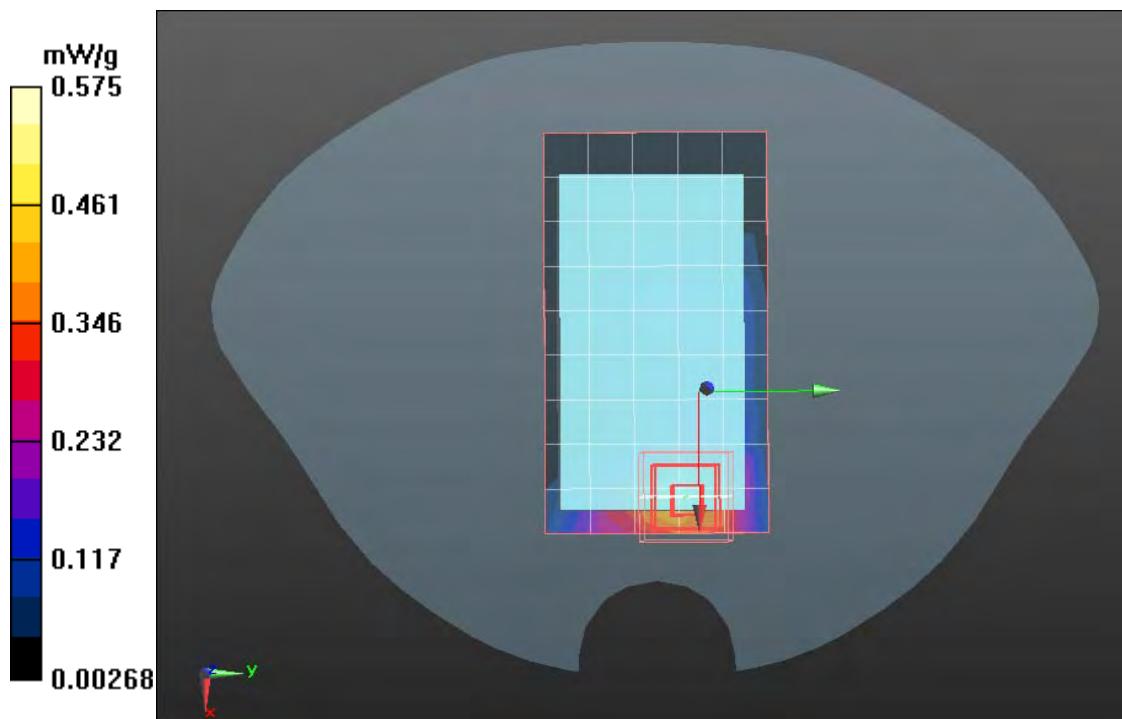
### **IEEE802.11b (WI-FI)/Body Down Middle CH6/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.221 mW/g**



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## **IEEE802.11b (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Body Down Middle CH11/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

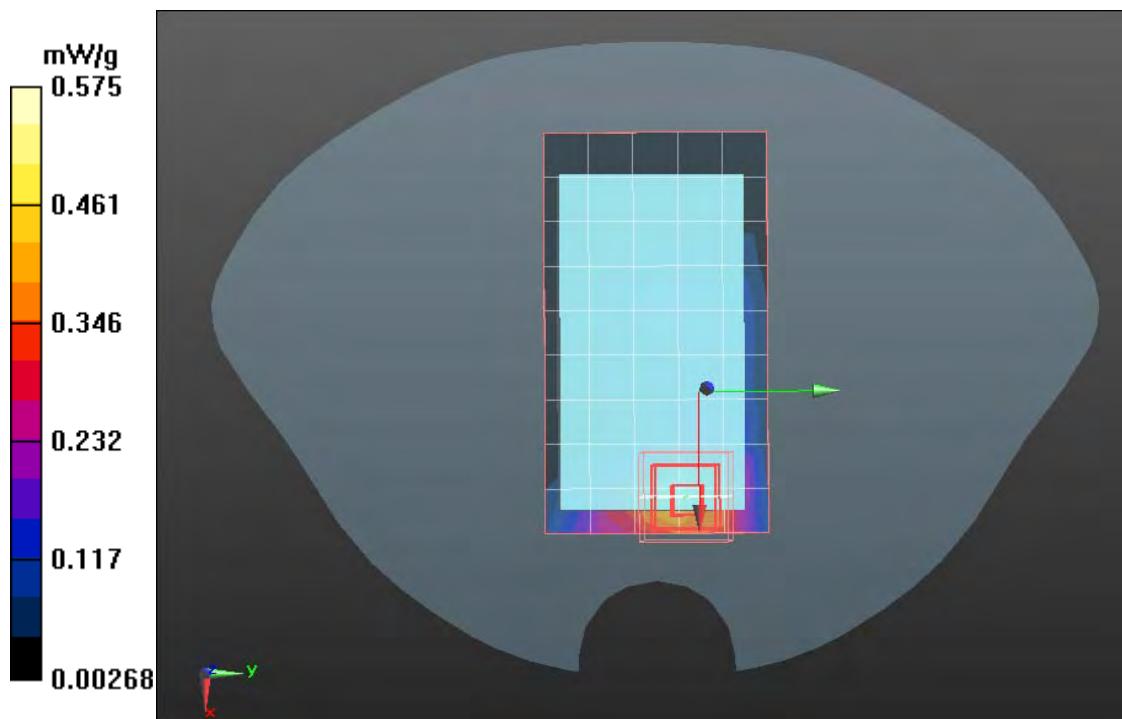
## **IEEE802.11b (WI-FI)/Body Down Middle CH11/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.207 mW/g**



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### **IEEE802.11b (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 52.70$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/Body Up Middle CH1/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

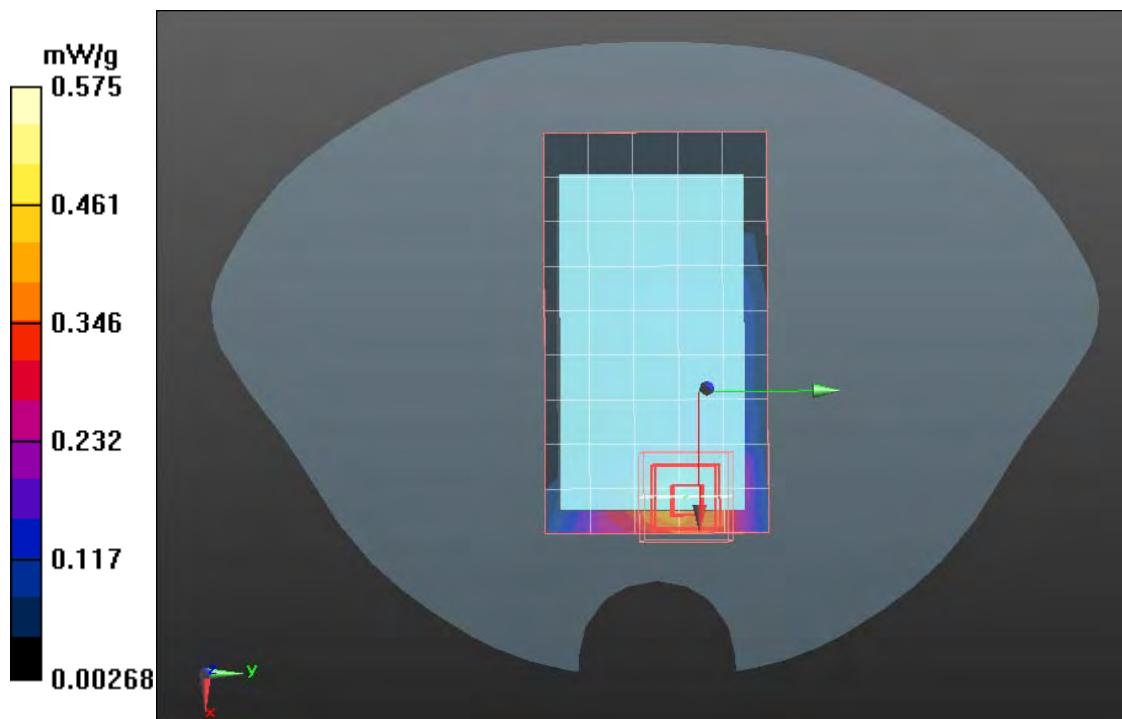
### **IEEE802.11b (WI-FI)/Body Up Middle CH1/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.237 mW/g**



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## **IEEE802.11b (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.97\text{ mho/m}$ ;  $\epsilon_r = 52.70$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Body Up Middle CH6/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

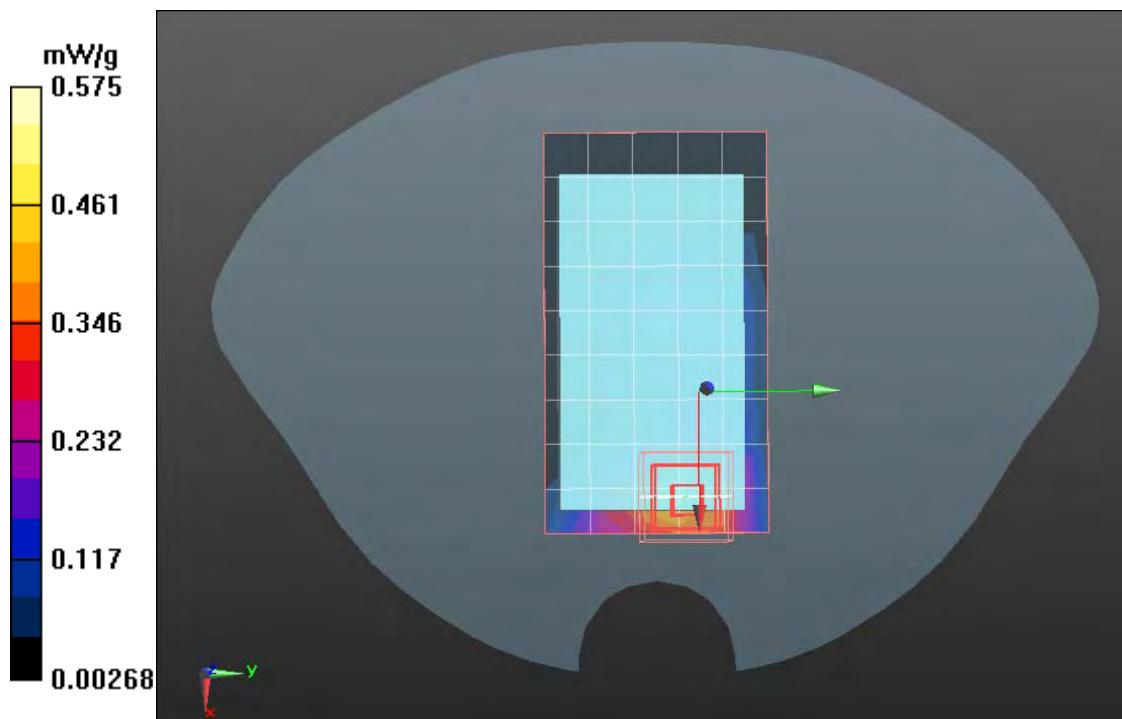
## **IEEE802.11b (WI-FI)/Body Up Middle CH6/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.232 mW/g**



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## **IEEE802.11b (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 52.70$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Body Up Middle CH11/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

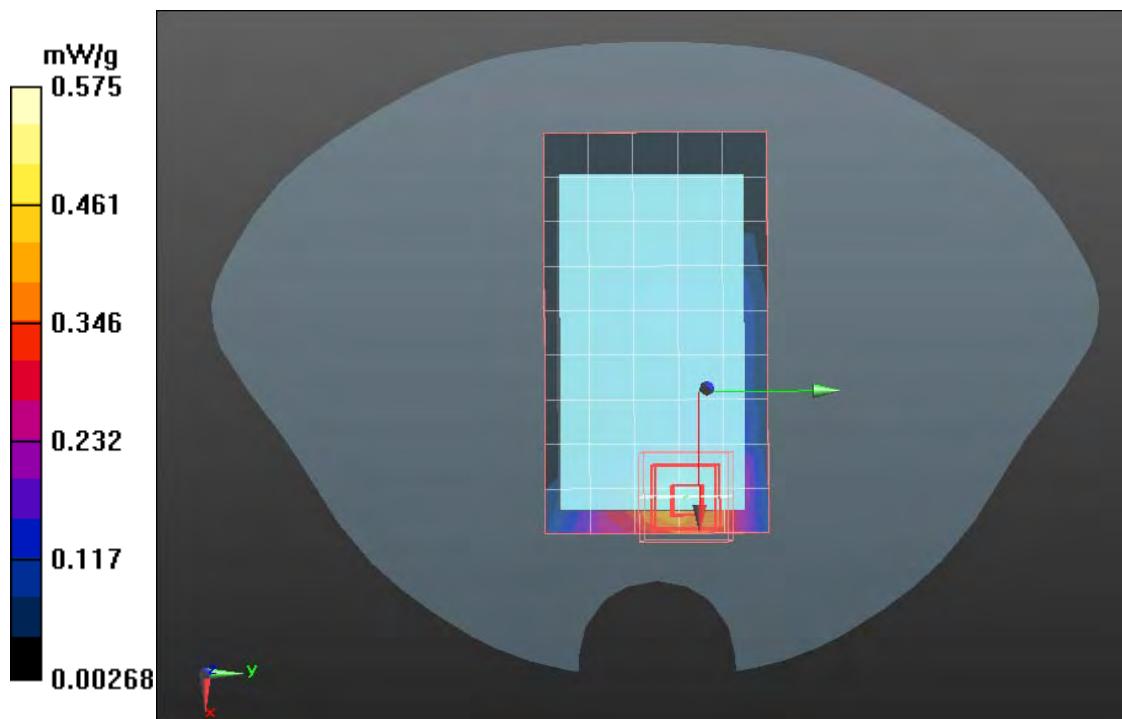
## **IEEE802.11b (WI-FI)/Body Up Middle CH11/Zoom Scan (5x5x7)/Cube**

**0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.239 mW/g**



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## **IEEE802.11g (WI-FI) Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/ Right Head Cheek Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

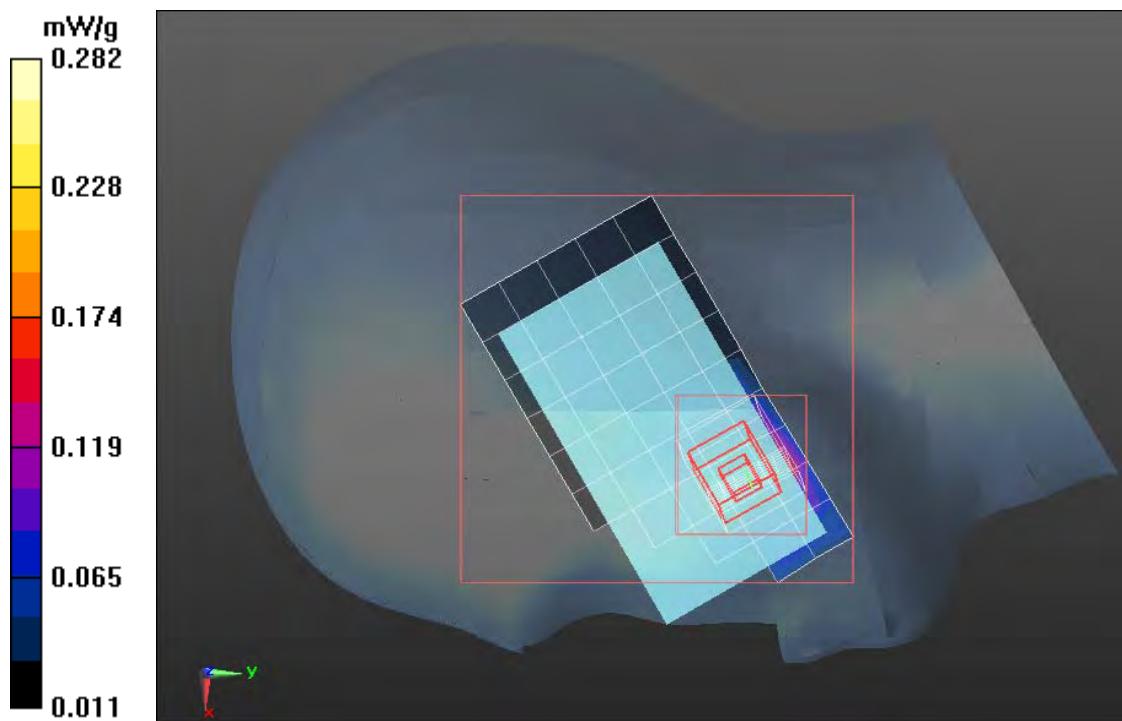
## **IEEE802.11g (WI-FI)/ Right Head Cheek Low CH1/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.251mW/g**



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## **IEEE802.11g (WI-FI)- Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

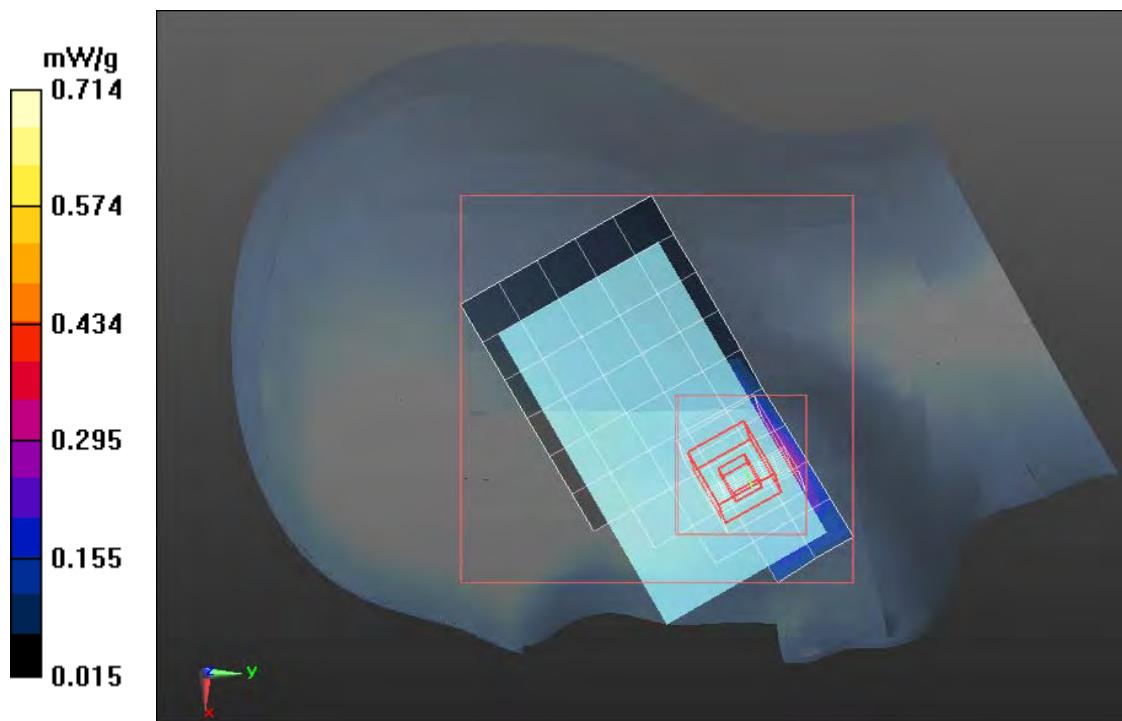
## **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH6/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.238 mW/g**



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### **IEEE802.11g (WI-FI)- Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

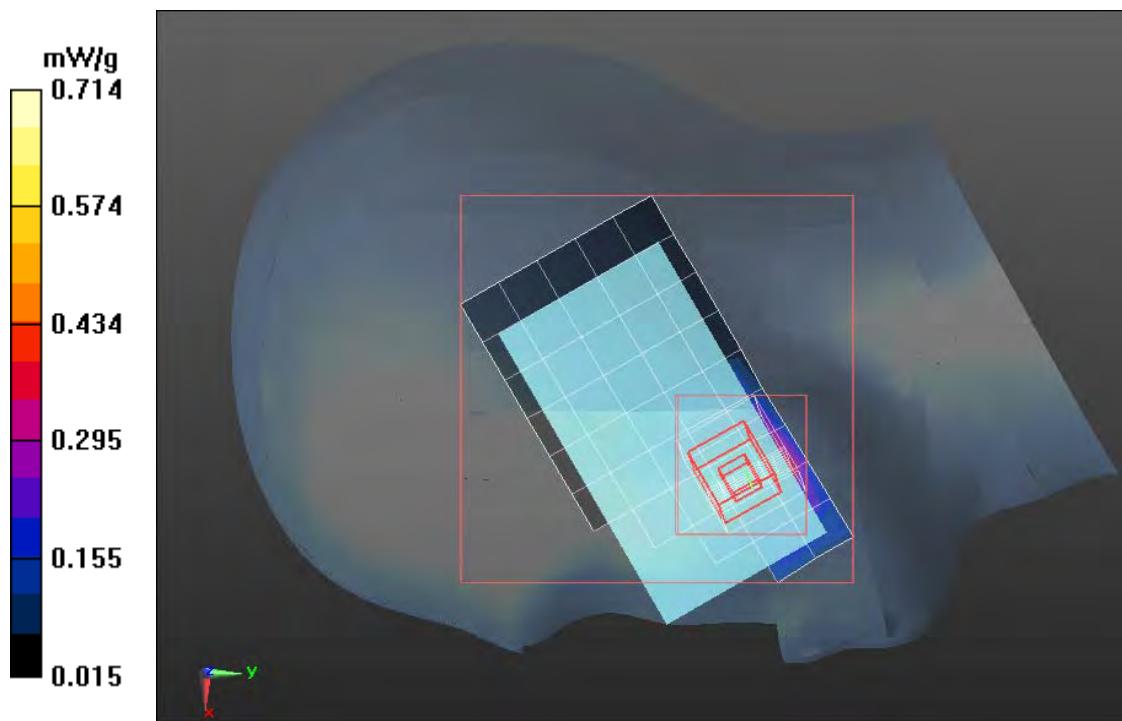
### **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH11/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.268 mW/g**



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## **IEEE802.11g (WI-FI) Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/ Right Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

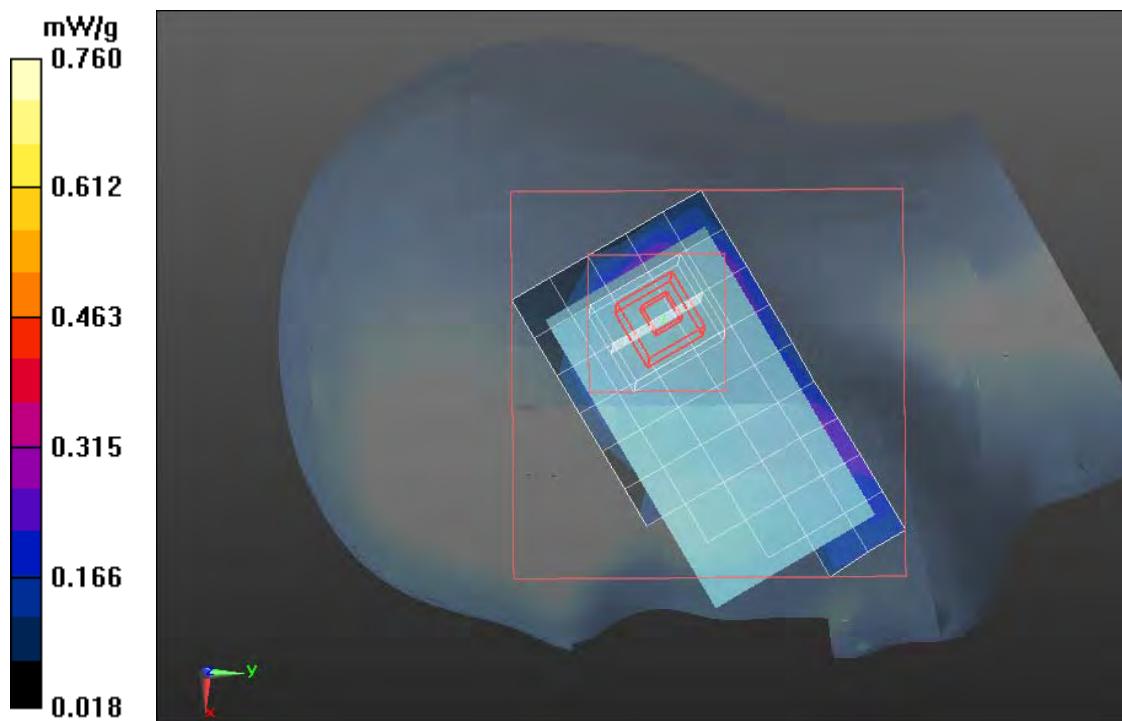
## **IEEE802.11g (WI-FI)/ Right Head Tilted Low CH1/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.221 mW/g**



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### **EEE802.11g(WI-FI)- Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

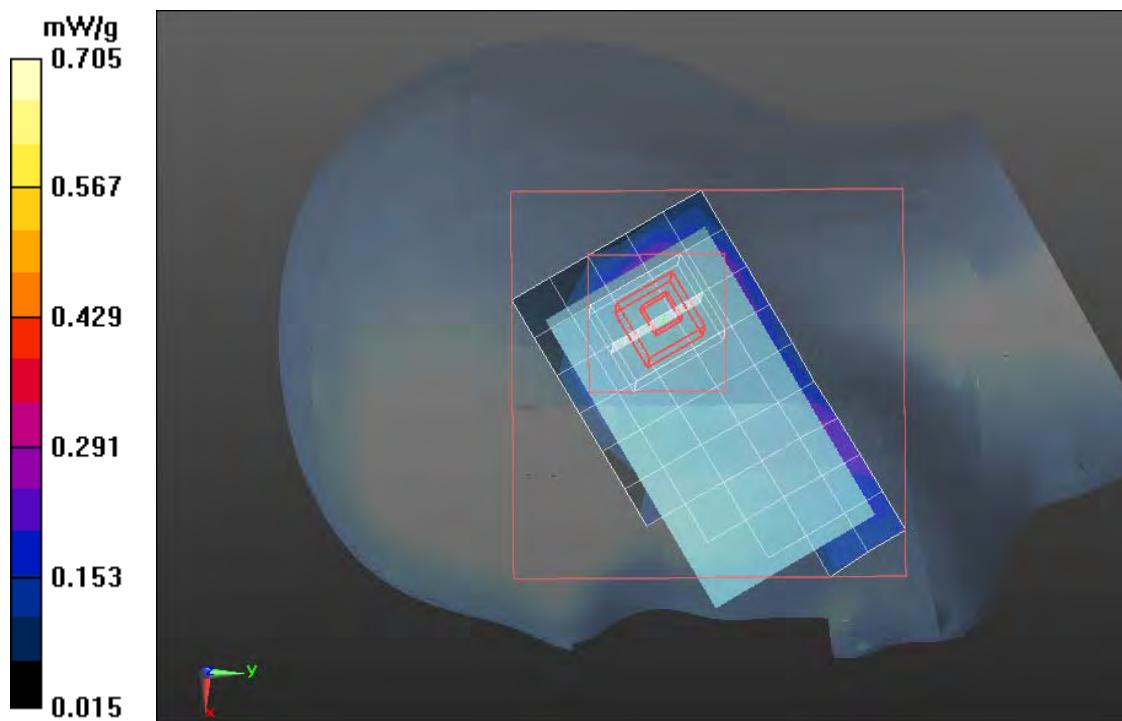
**IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH6/Area Scan  
(6x10x1):** Measurement grid: dx=15mm, dy=15mm

**IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH6/Zoom Scan  
(8x8x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.201 mW/g**



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### **IEEE802.11g (WI-FI)- Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

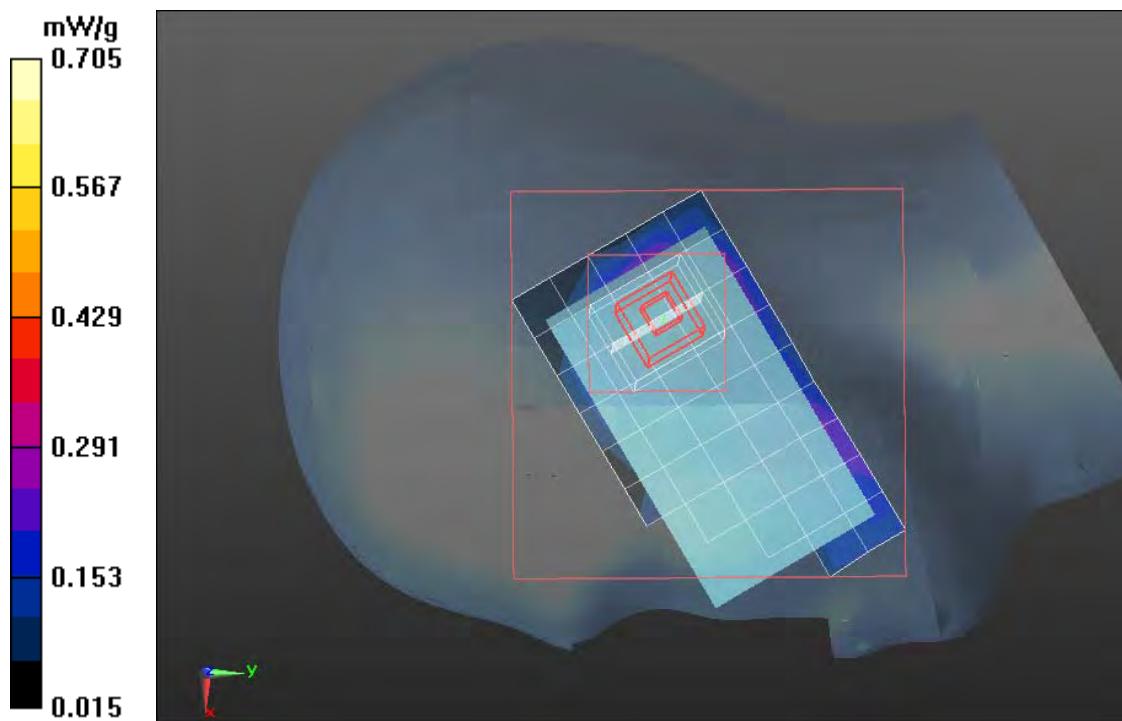
### **IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.200 mW/g**



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## **IEEE802.11g (WI-FI) Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/ Left Head Cheek Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

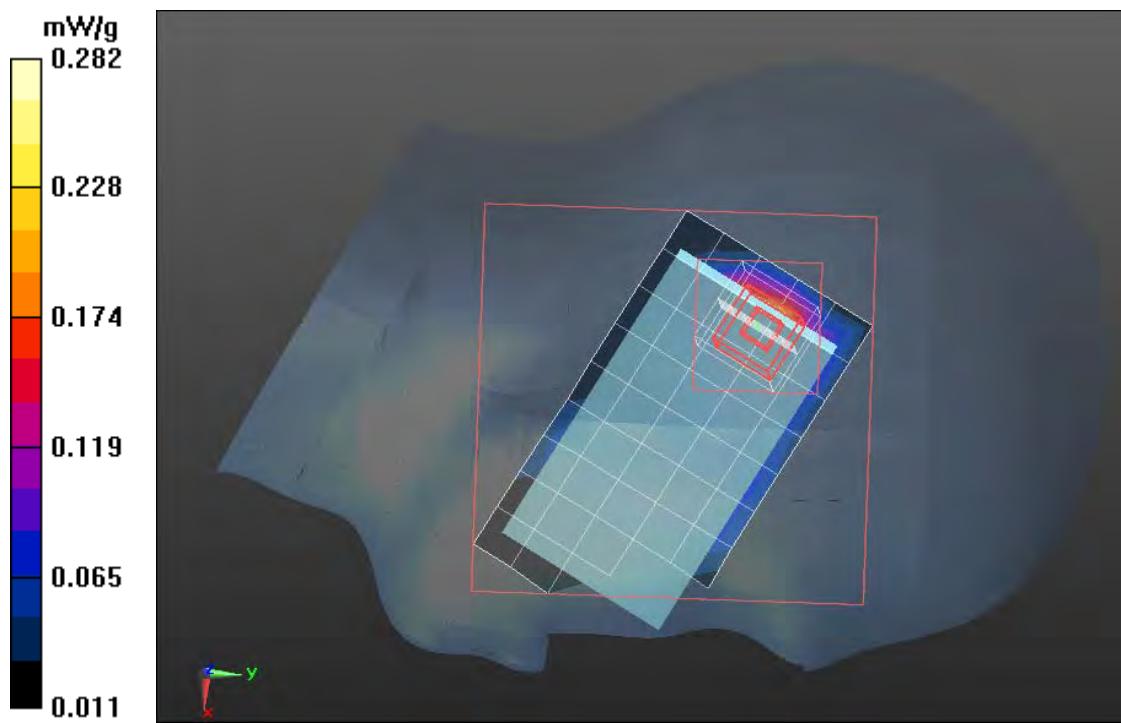
## **IEEE802.11g (WI-FI)/ Left Head Cheek Low CH1/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.248 mW/g**



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## **IEEE802.11g (WI-FI)-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH6/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

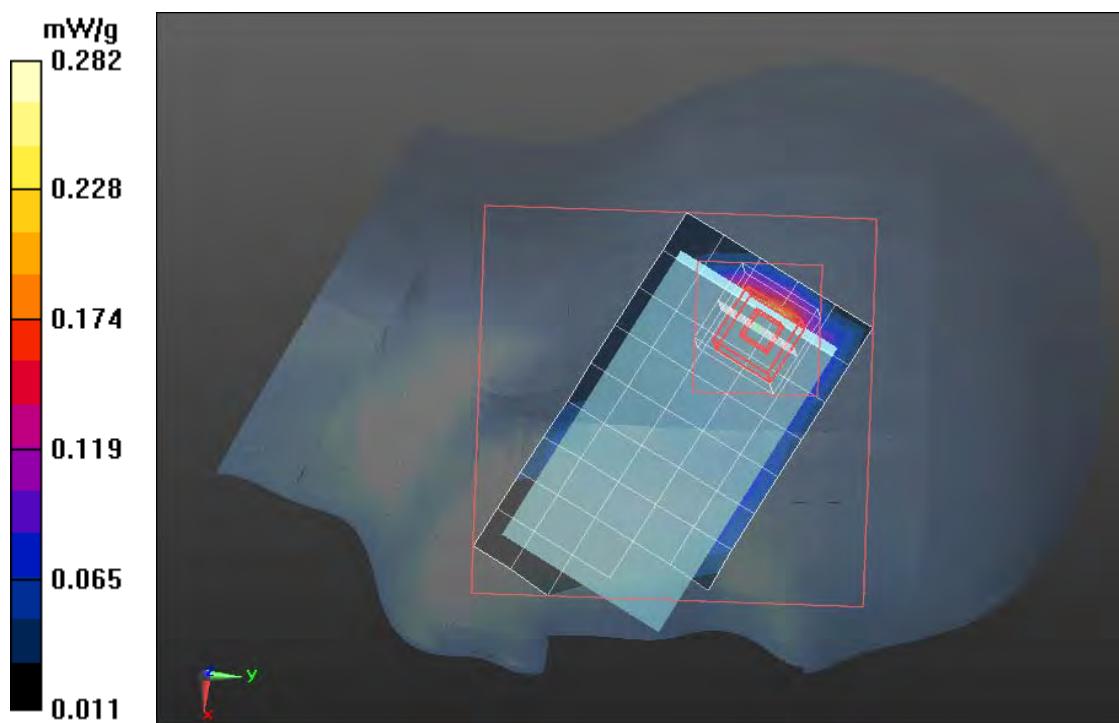
## **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH6/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.235 mW/g**



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### **IEEE802.11g (WI-FI)-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

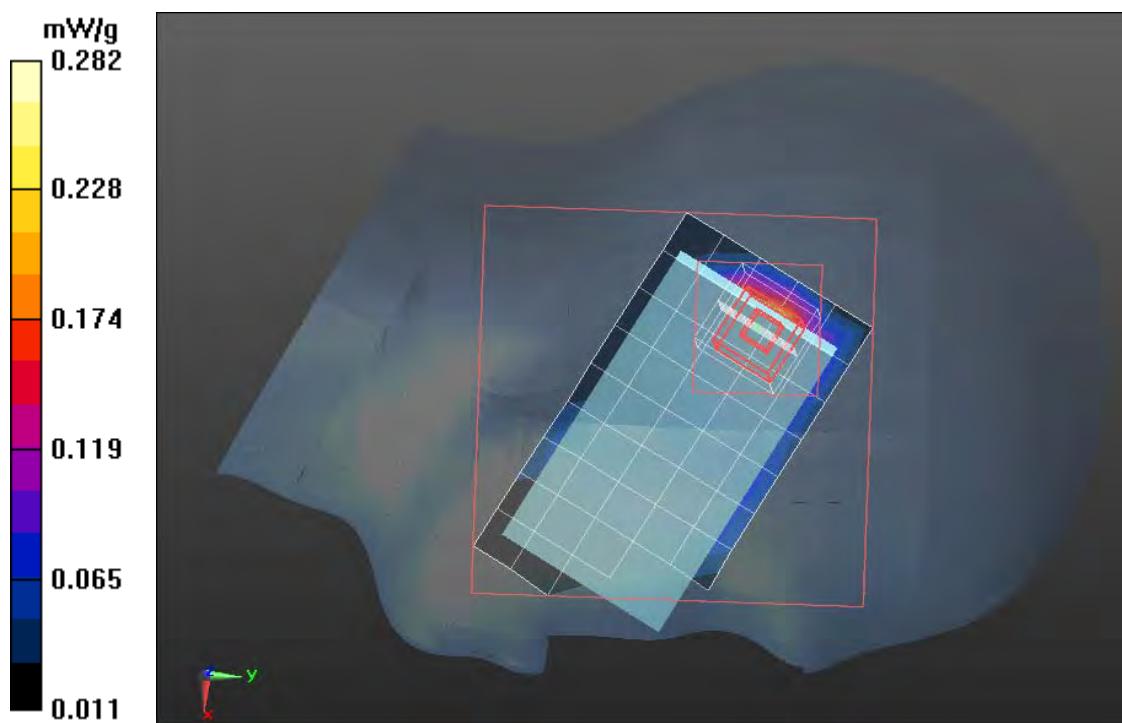
### **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.256 mW/g**



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## **IEEE802.11g (WI-FI) Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

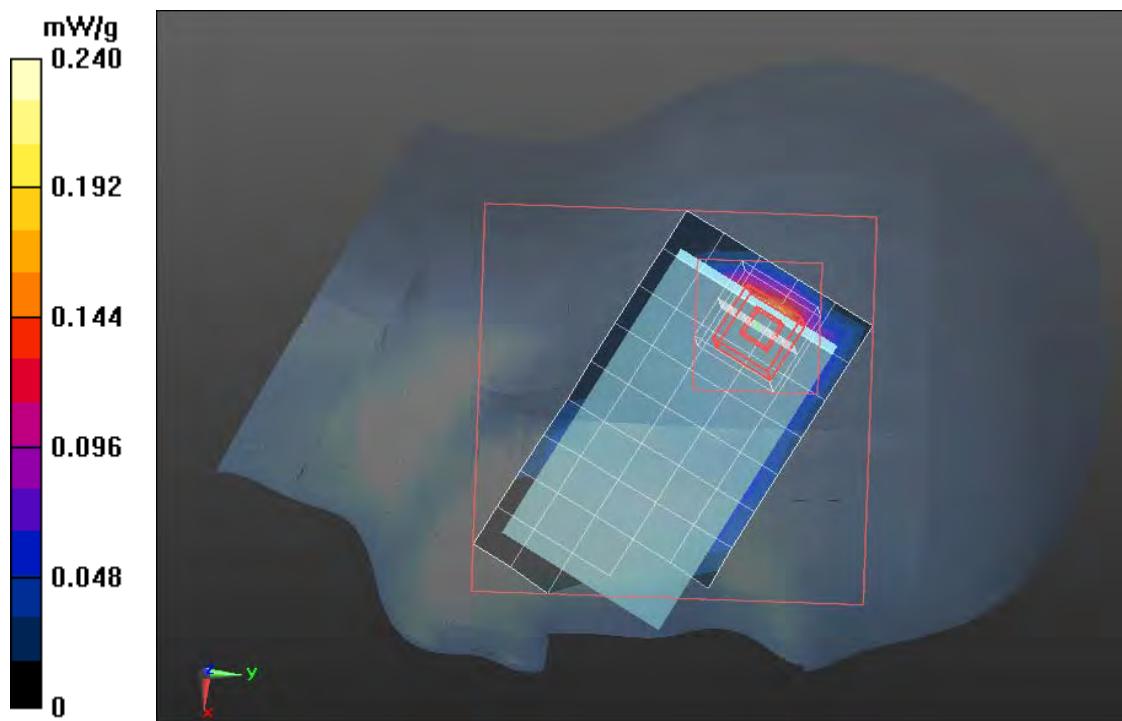
## **IEEE802.11g (WI-FI)/Left Head Tilted Low CH1/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.104 mW/g**



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## **EEE802.11g (WI-FI)-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH6/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

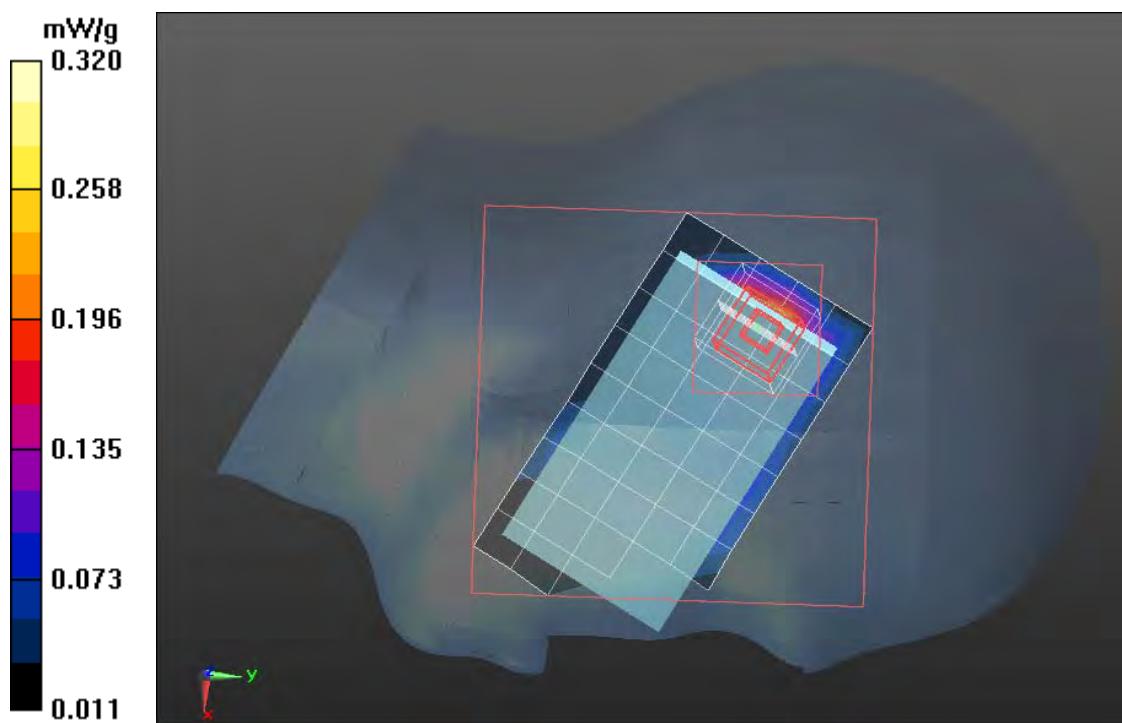
## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH6/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.143 mW/g**



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## **IEEE802.11g (WI-FI)-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

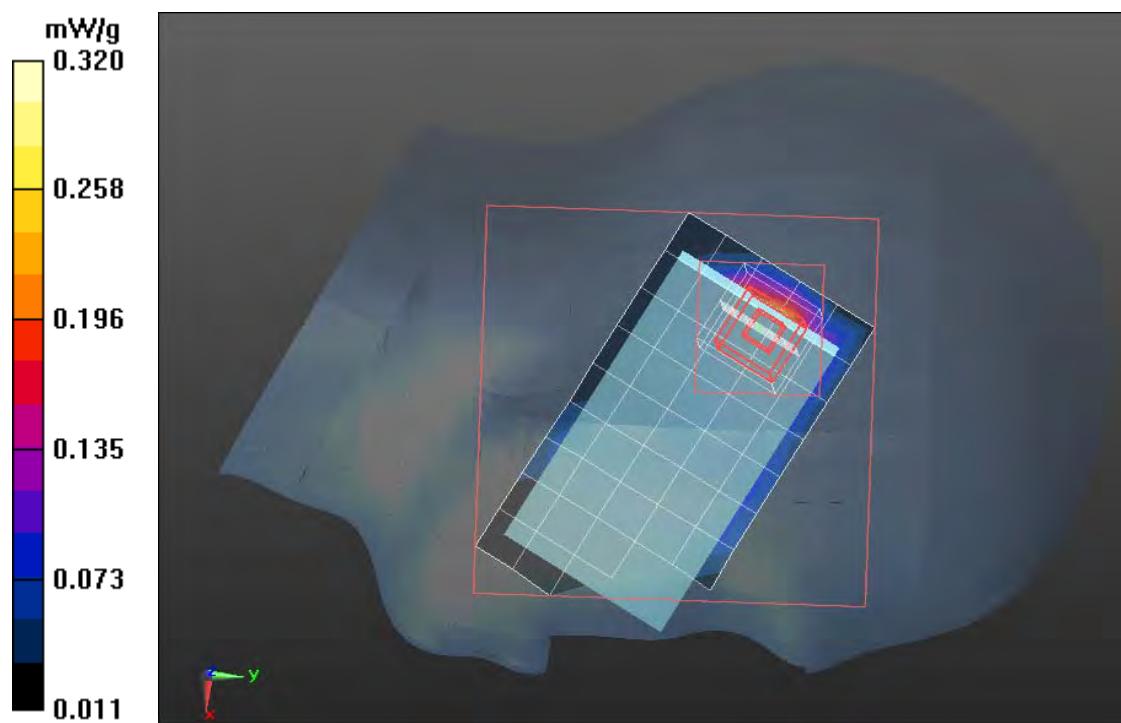
## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH11/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.200mW/g**



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### **IEEE802.11g (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/Body Down Middle CH1/Area Scan (5x10x1):**

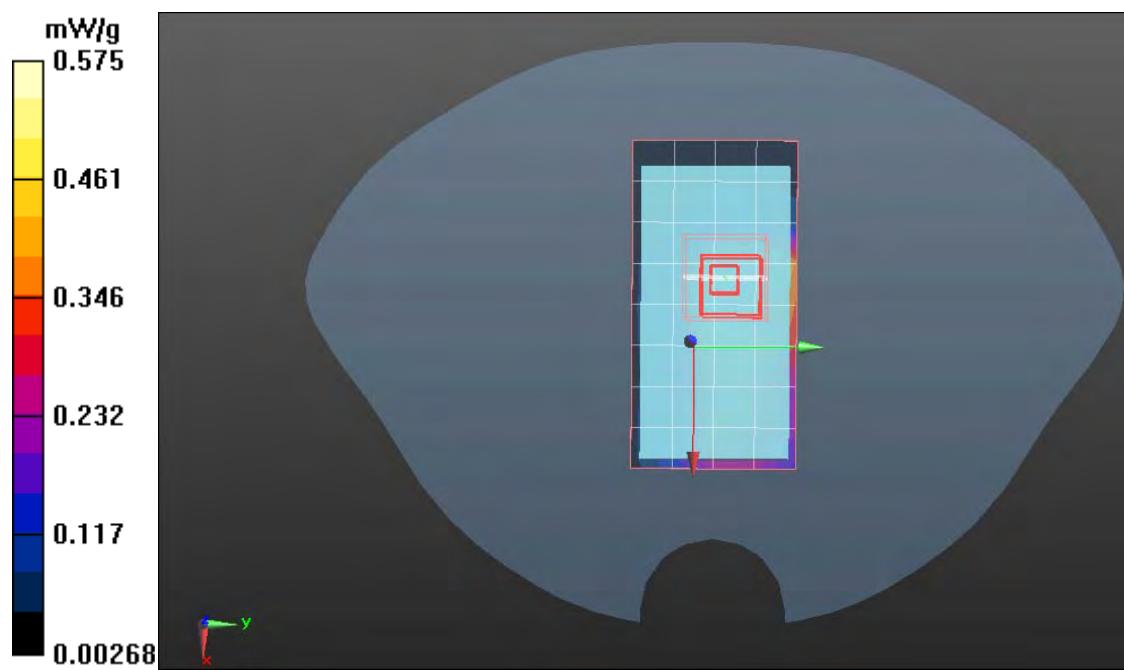
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11g (WI-FI)/Body Down Middle CH1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.203 mW/g**



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### **IEEE802.11g (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.95\text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/Body Down Middle CH6/Area Scan (5x10x1):**

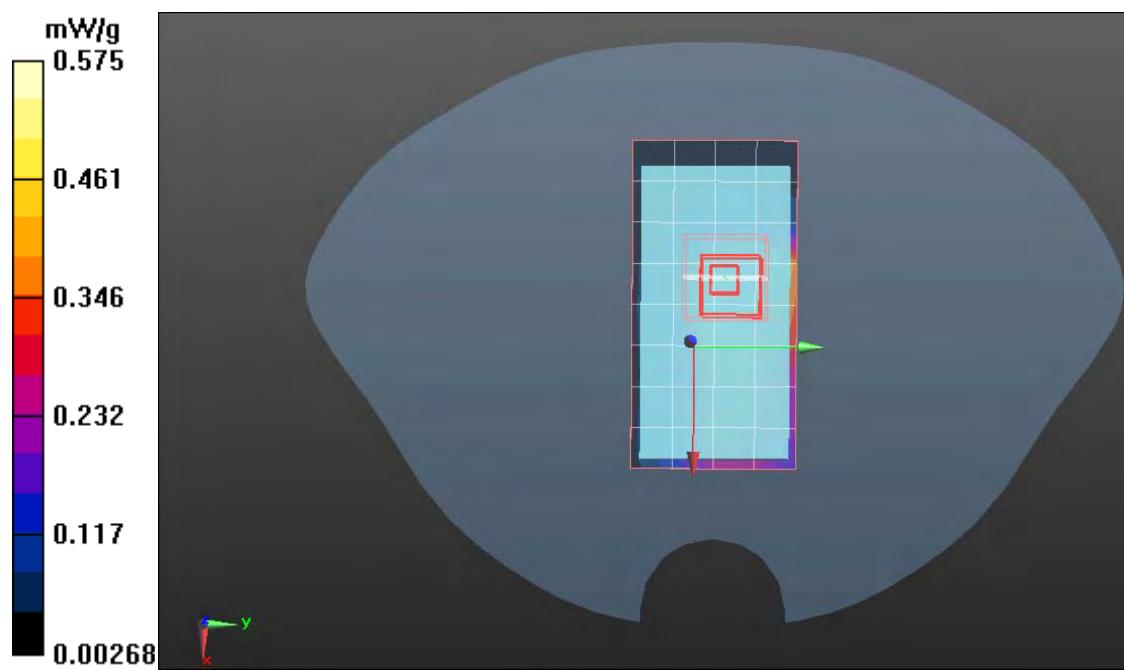
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11g (WI-FI)/Body Down Middle CH6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.278 mW/g**



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## **IEEE802.11g (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Body Down Middle CH11/Area Scan (5x10x1):**

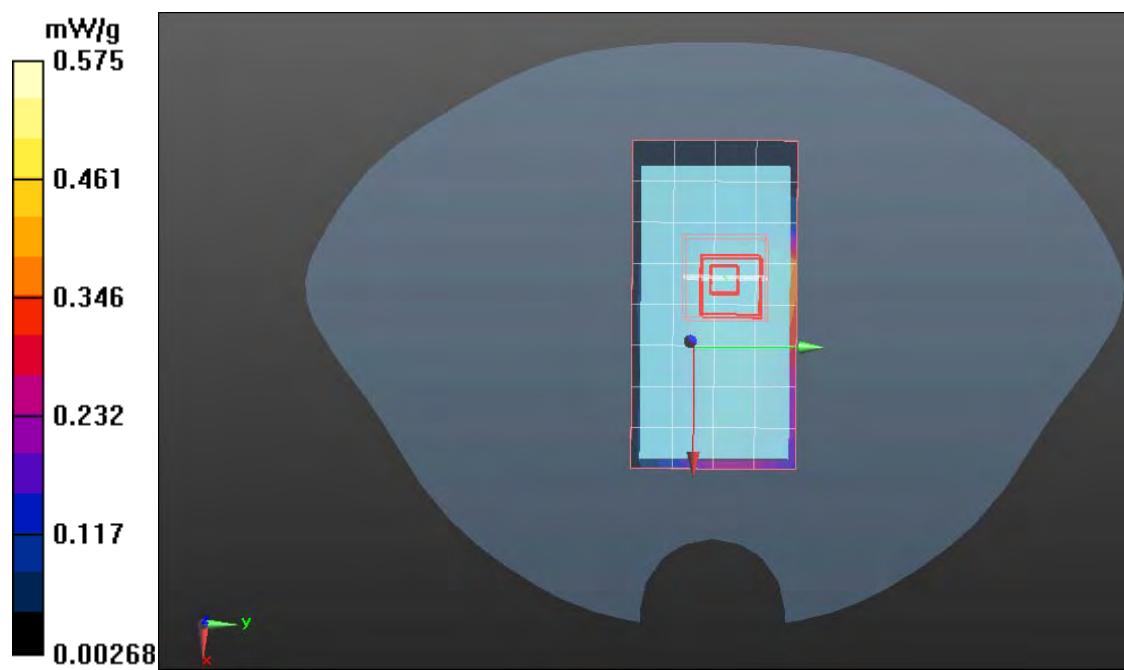
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11g (WI-FI)/Body Down Middle CH11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.253 mW/g**



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## **IEEE802.11g (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Body Up Middle CH1/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

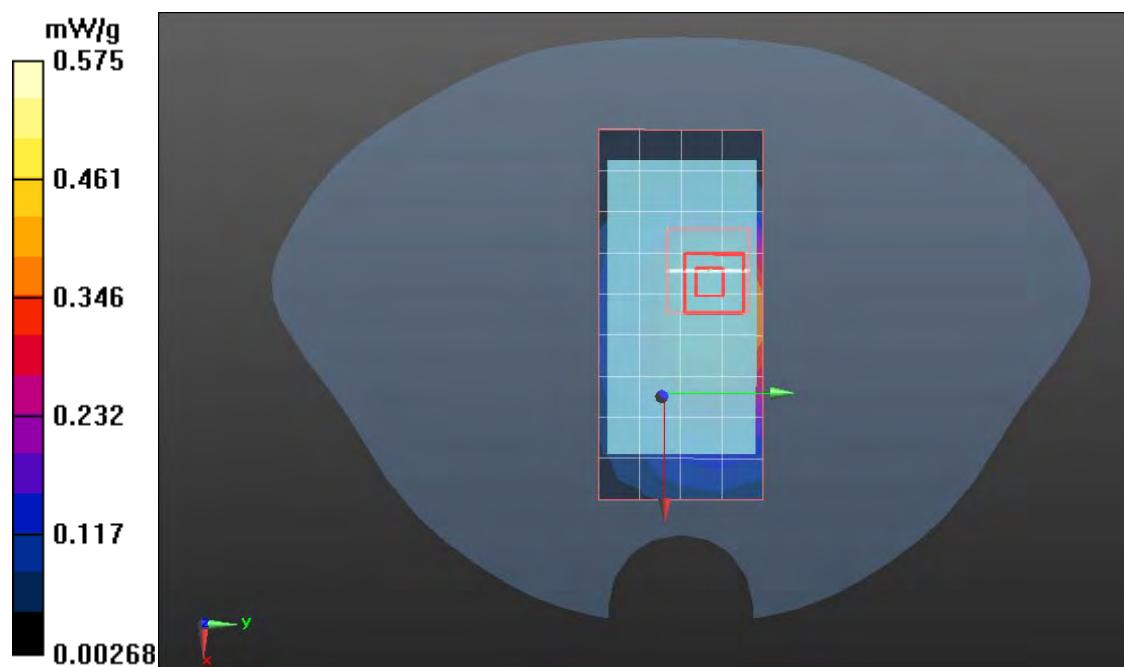
## **IEEE802.11g (WI-FI)/Body Up Middle CH1/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.204 mW/g**



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## **IEEE802.11g (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.95\text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Body Up Middle CH6/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

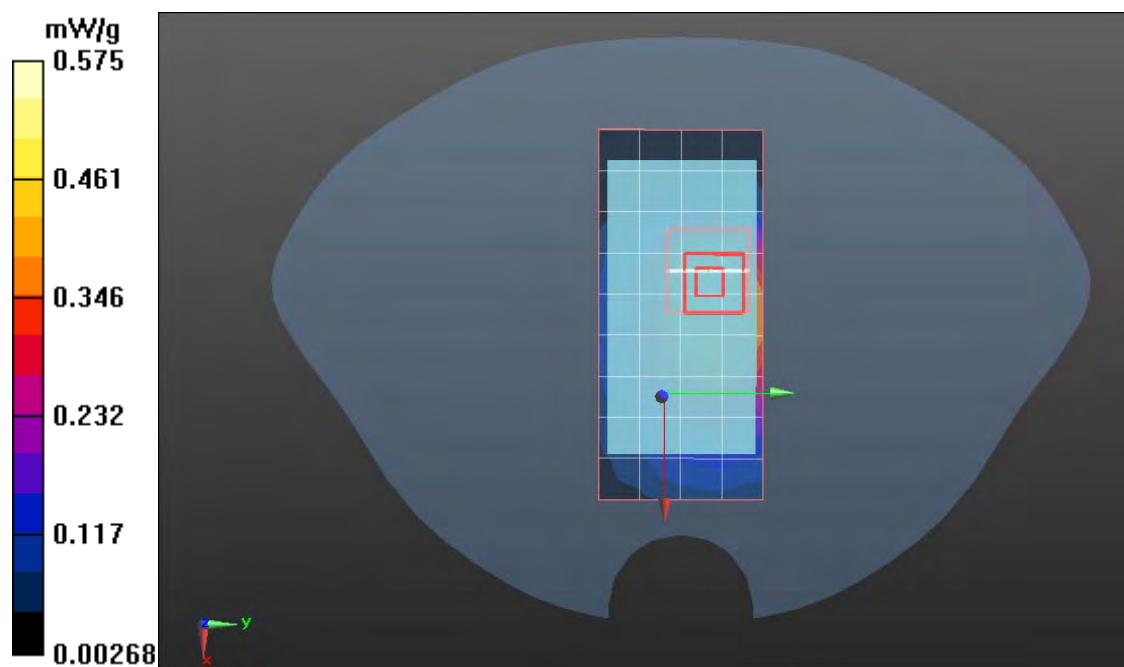
## **IEEE802.11g (WI-FI)/Body Up Middle CH6/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.274 mW/g**



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## **IEEE802.11g (WI-FI)-Body Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Body Up Middle CH11/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

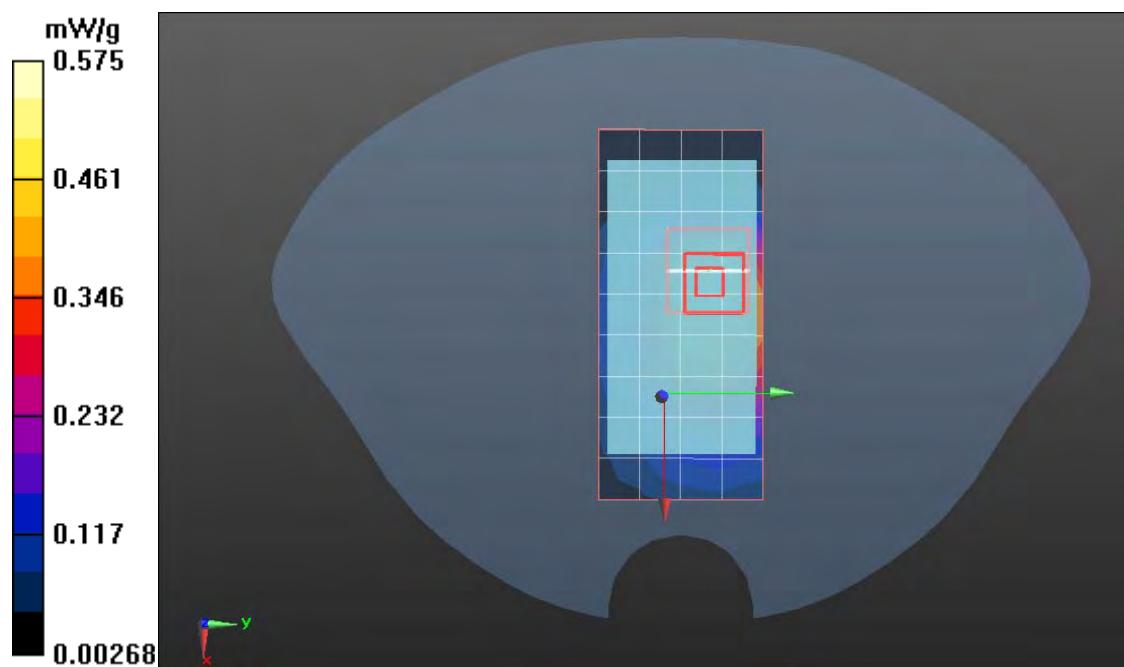
## **IEEE802.11g (WI-FI)/Body Up Middle CH11/Zoom Scan (5x5x7)/Cube**

**0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.236 mW/g**



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## GSM 850-Right Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Right Head Cheek Low CH128/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

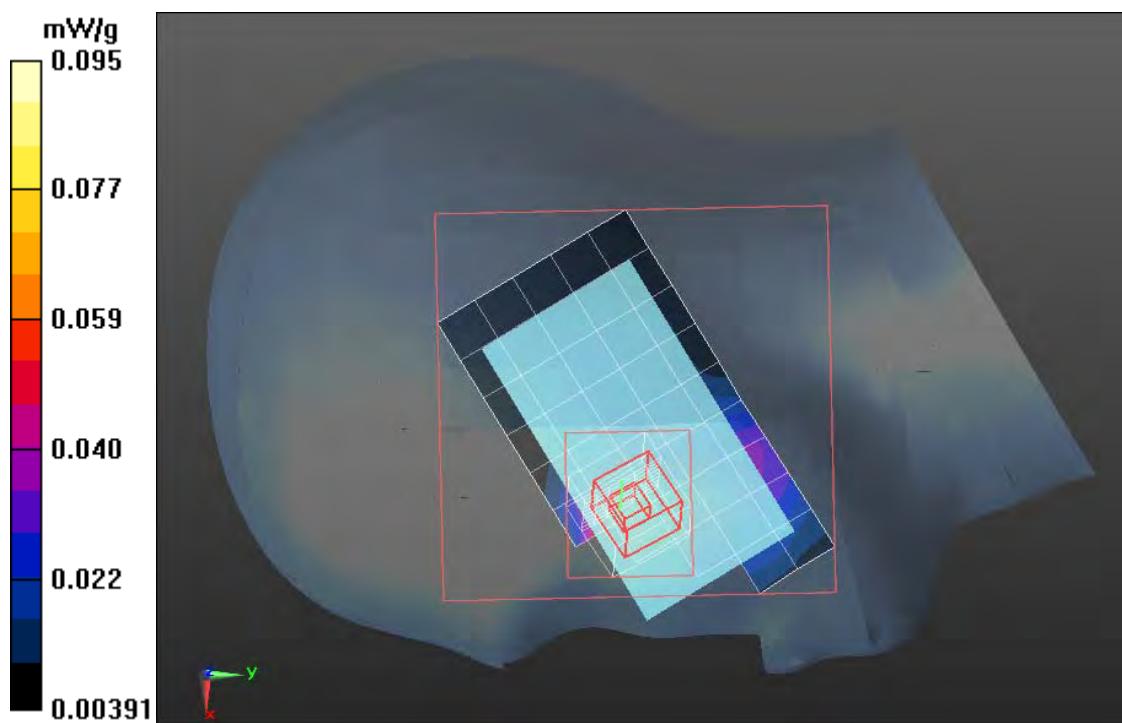
### **GSM850/Right Head Cheek Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.254 mW/g**



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## GSM 850-Right Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Right Head Cheek Middle CH189/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

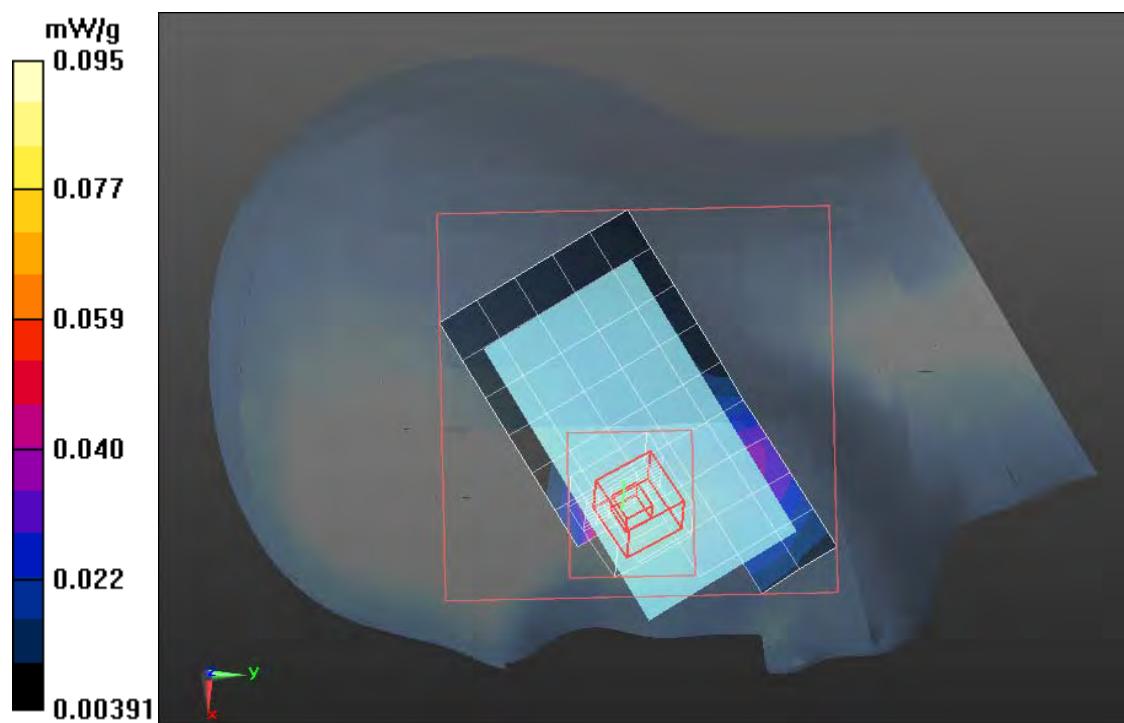
### **GSM850/Right Head Cheek Middle CH189/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.247 mW/g**



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## GSM 850-Right Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Right Head Cheek High CH251/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

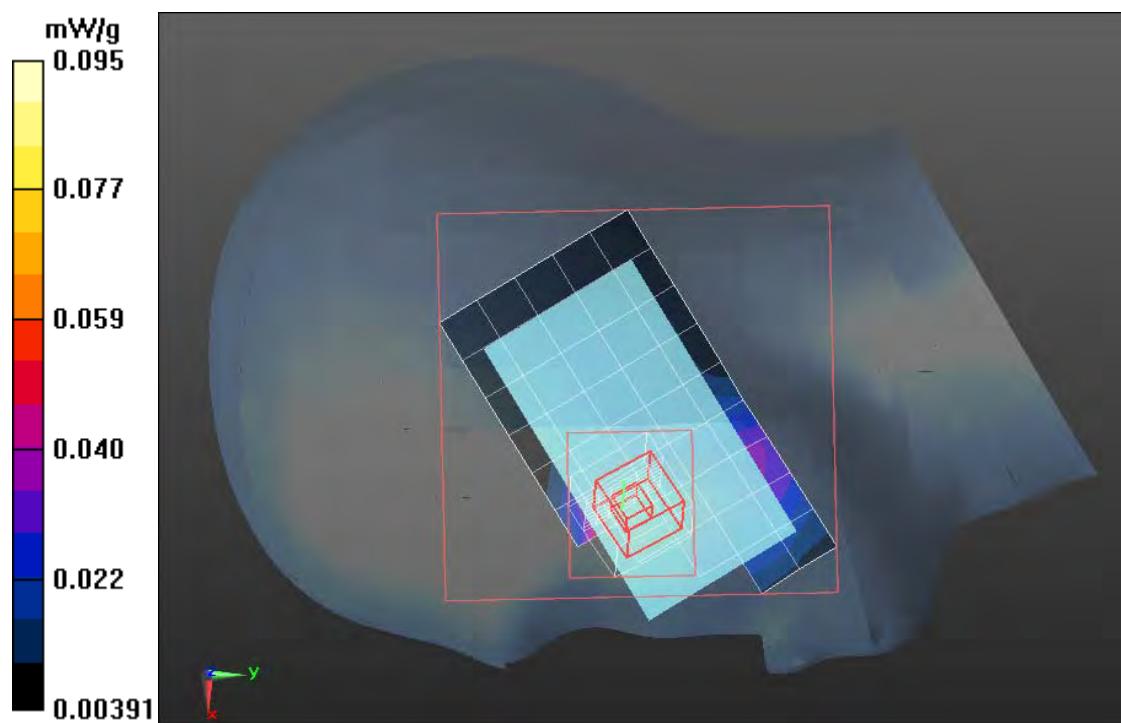
### **GSM850/Right Head Cheek High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.262 mW/g**



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## GSM 850-Right Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Right Head Tilted Low CH128/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

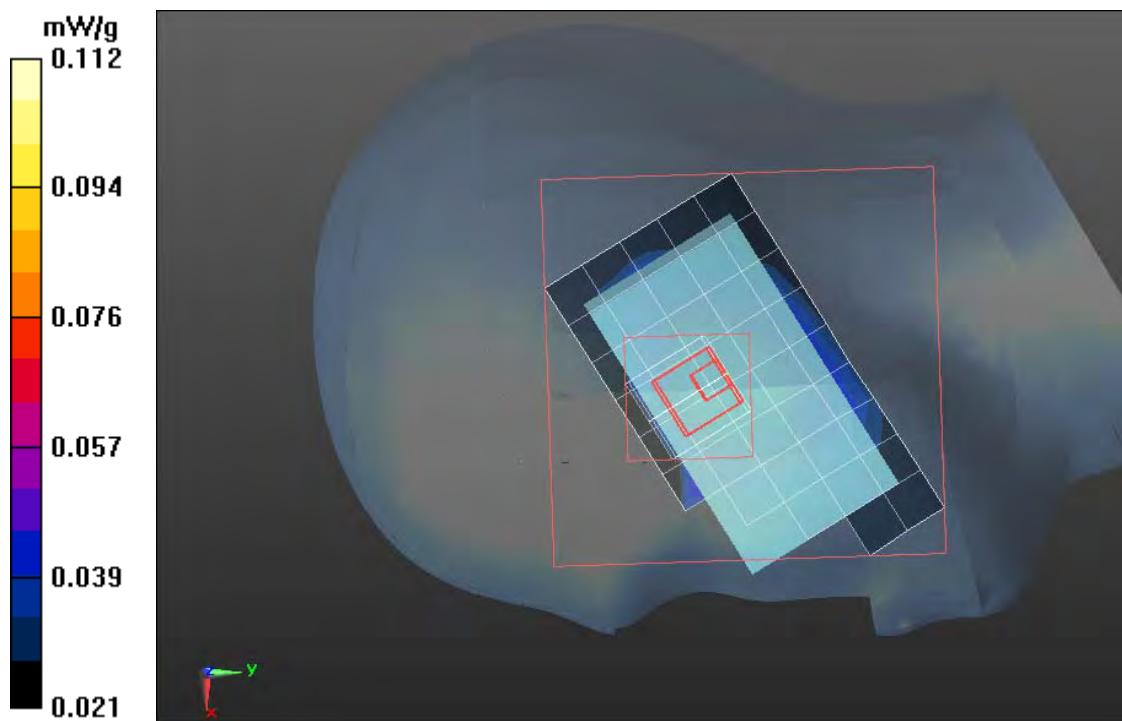
### **GSM850/Right Head Tilted Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.272 mW/g**



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### GSM 850-Right Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### GSM850/Right Head Tilted Middle CH189/Area Scan (6x10x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

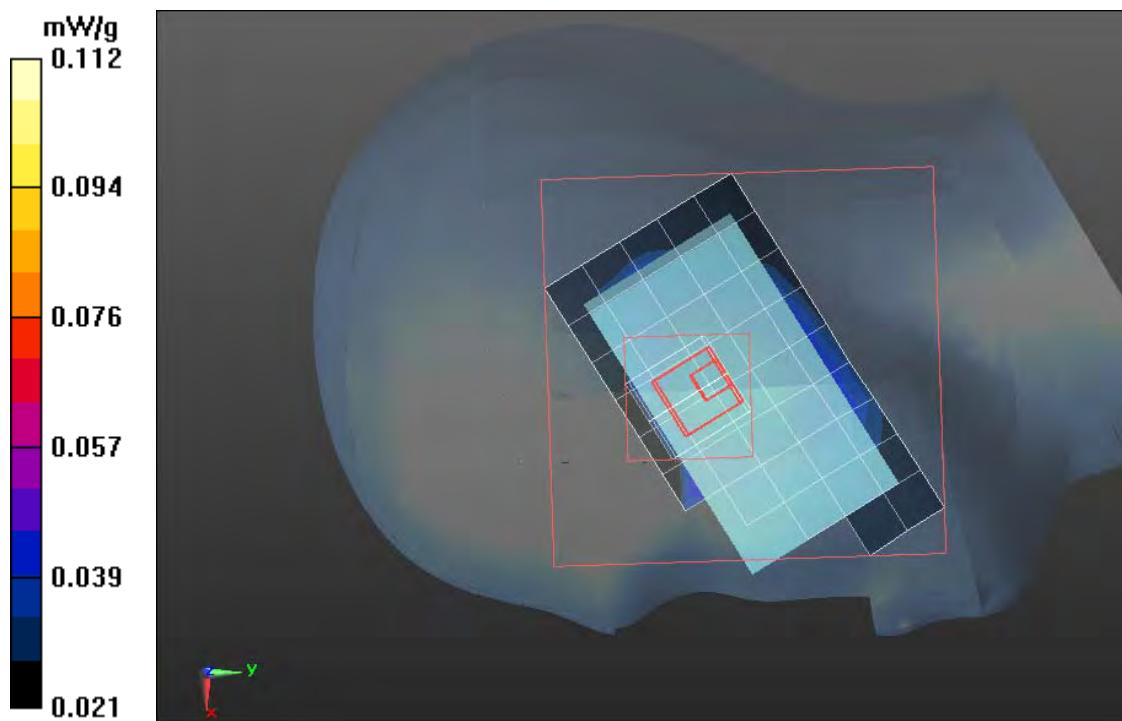
### GSM850/Right Head Tilted Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.274 mW/g**



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## GSM 850-Right Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Right Head Tilted High CH251/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.097 mW/g

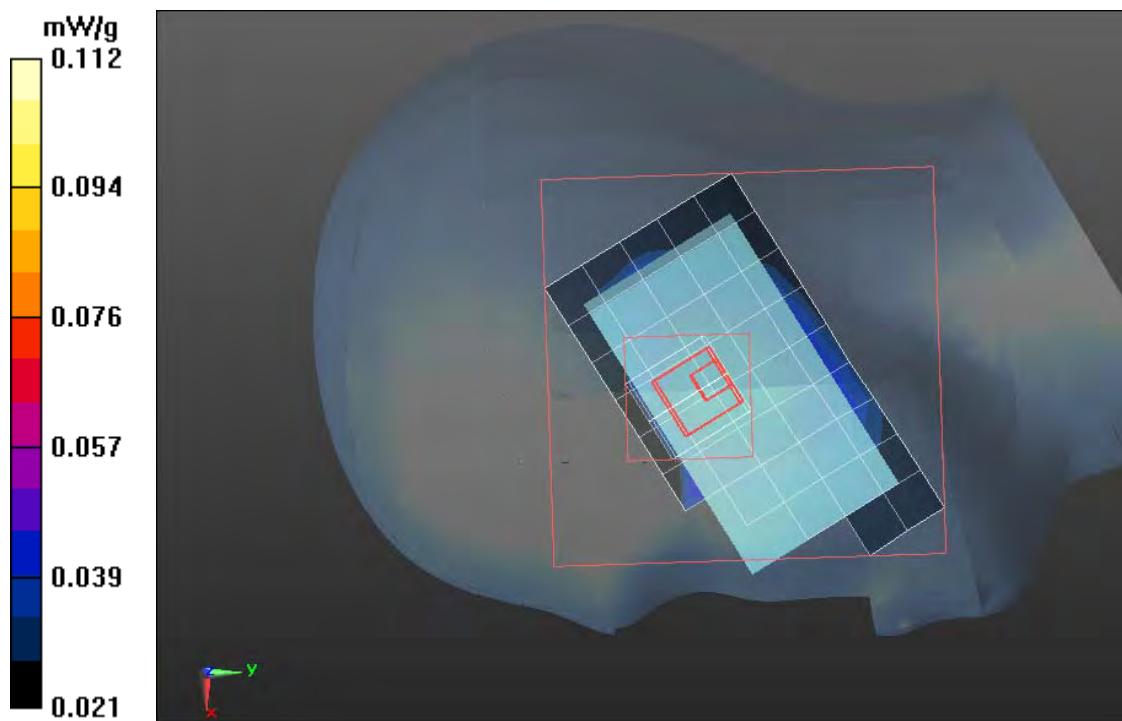
### **GSM850/Right Head Tilted High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.286 mW/g**



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## **GSM 850-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Cheek Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

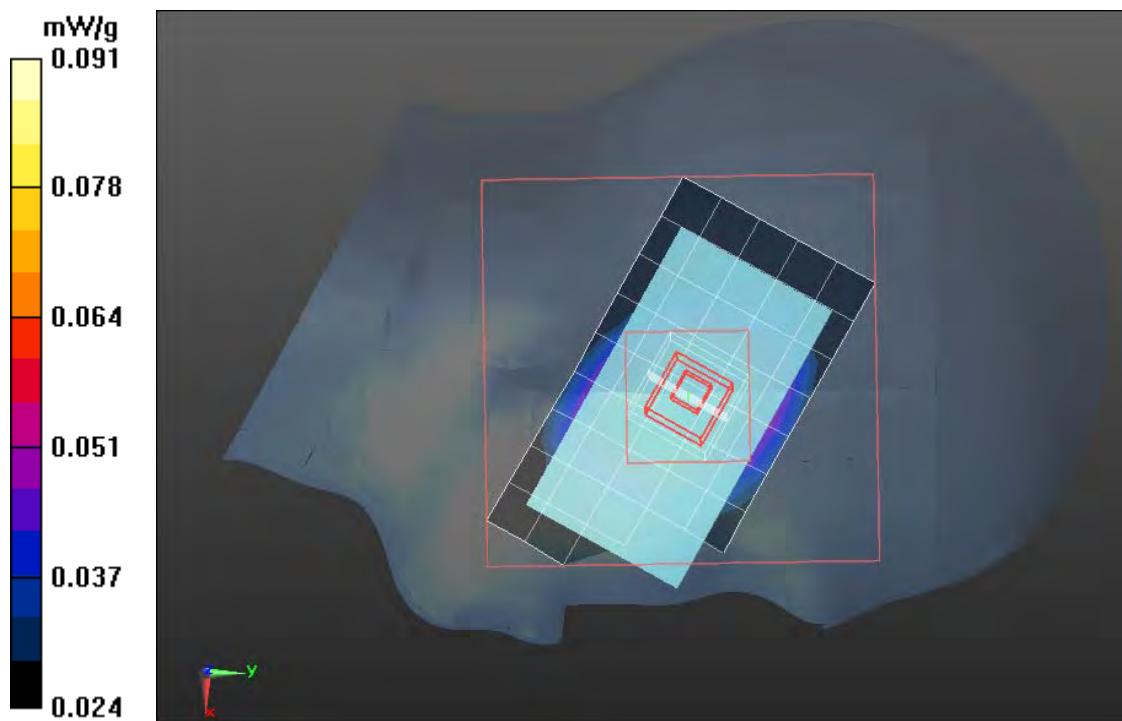
**GSM850/Left Head Cheek Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.289 mW/g**



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## GSM 850-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Cheek High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

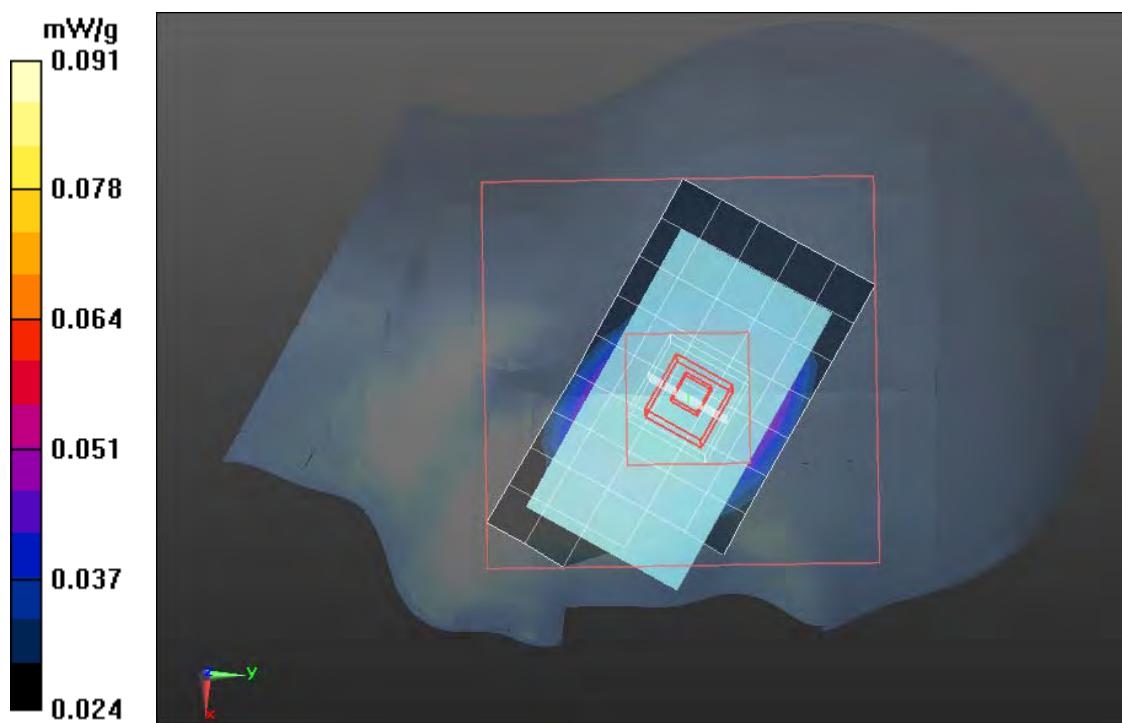
**GSM850/Left Head Cheek High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.208 mW/g**



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## GSM 850-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Left Head Cheek Middle CH189/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

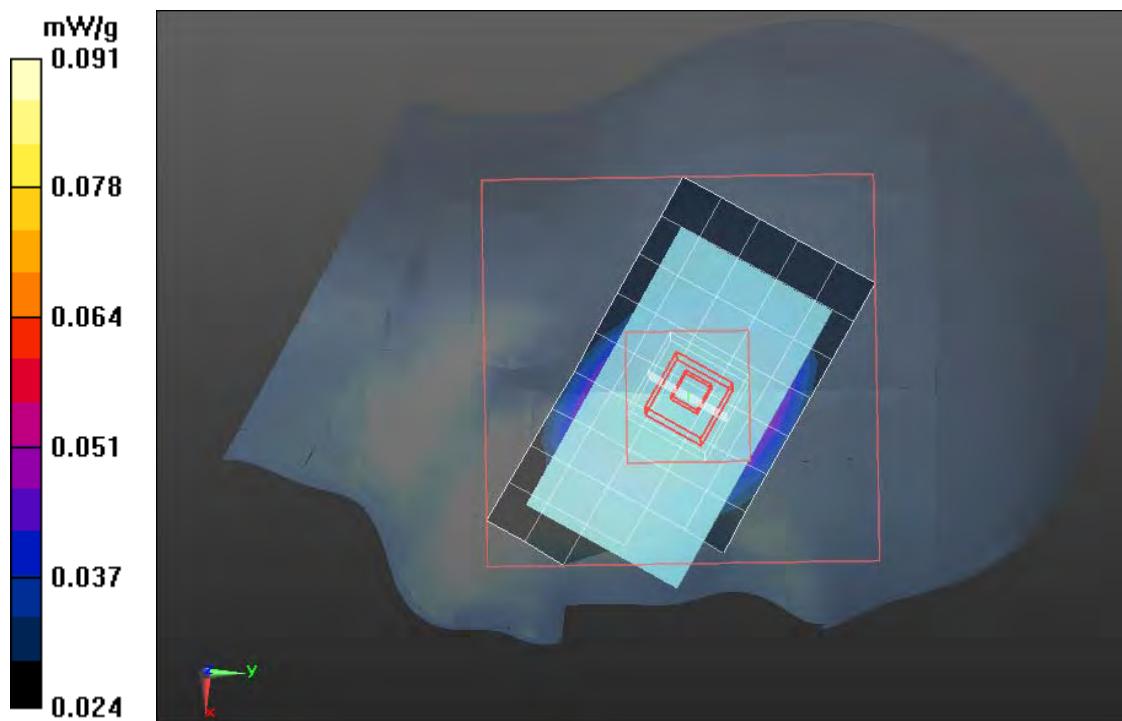
### **GSM850/Left Head Cheek Middle CH189/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.267 mW/g**



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## GSM 850-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Tilted Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

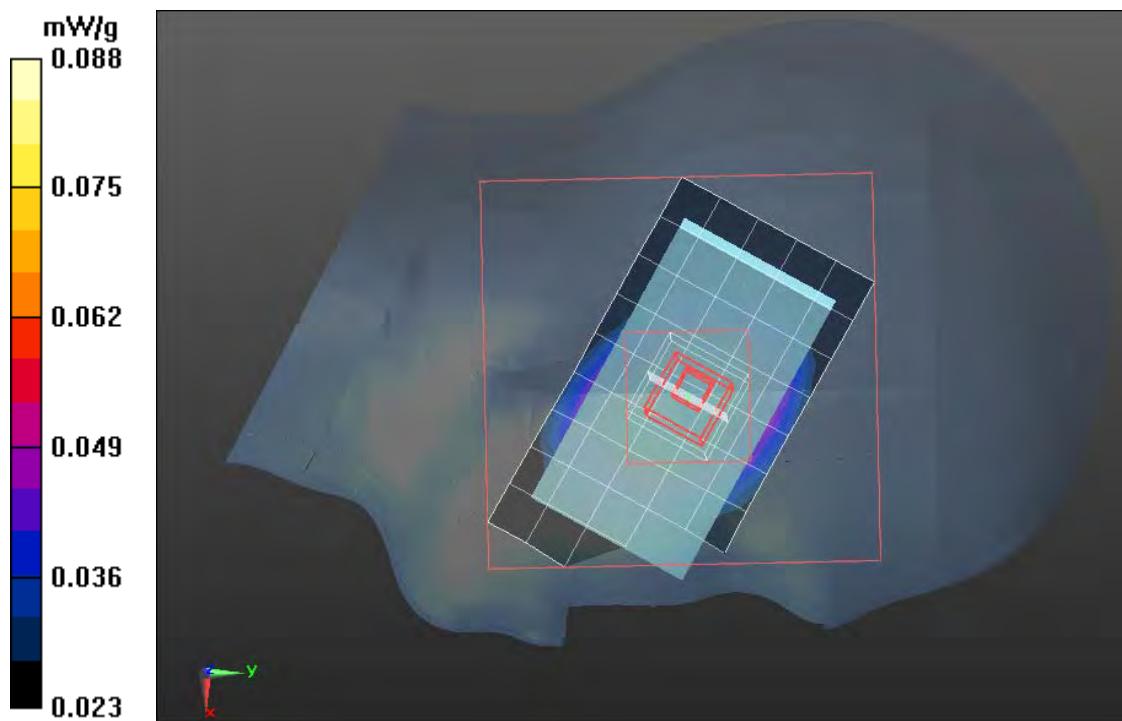
**GSM850/Left Head Tilted Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.255 mW/g**



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## GSM 850-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GSM850/Left Head Tilted Middle CH189/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

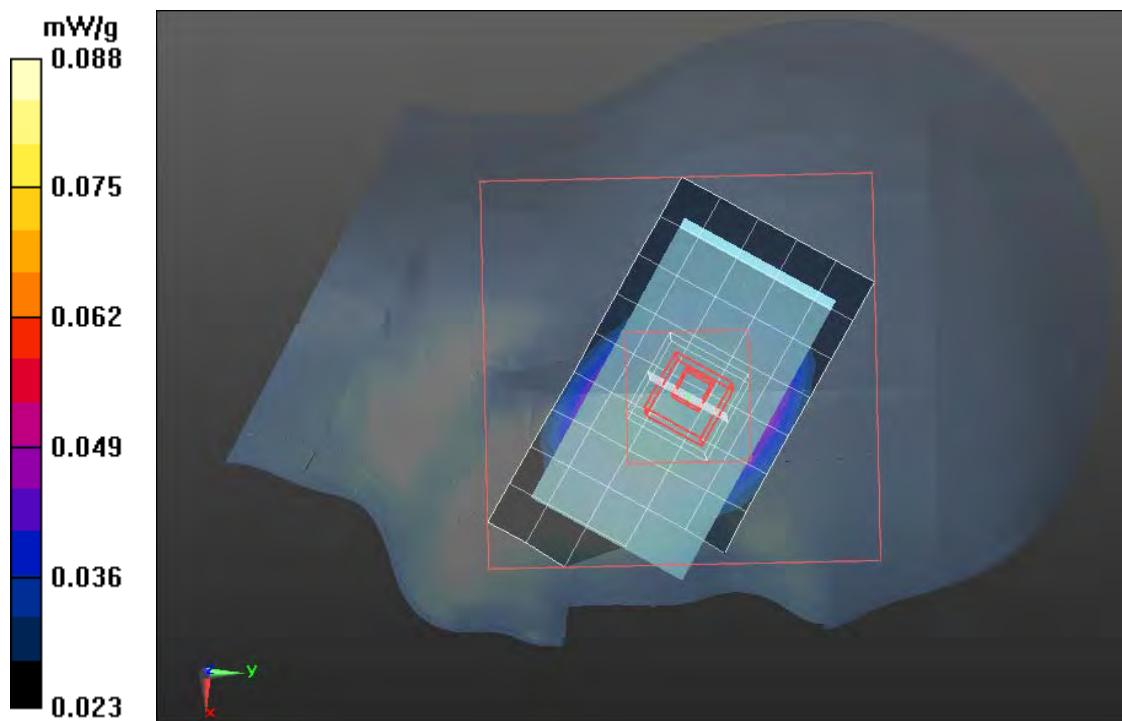
## GSM850/Left Head Tilted Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.278 mW/g**



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## GSM 850-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Tilted High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

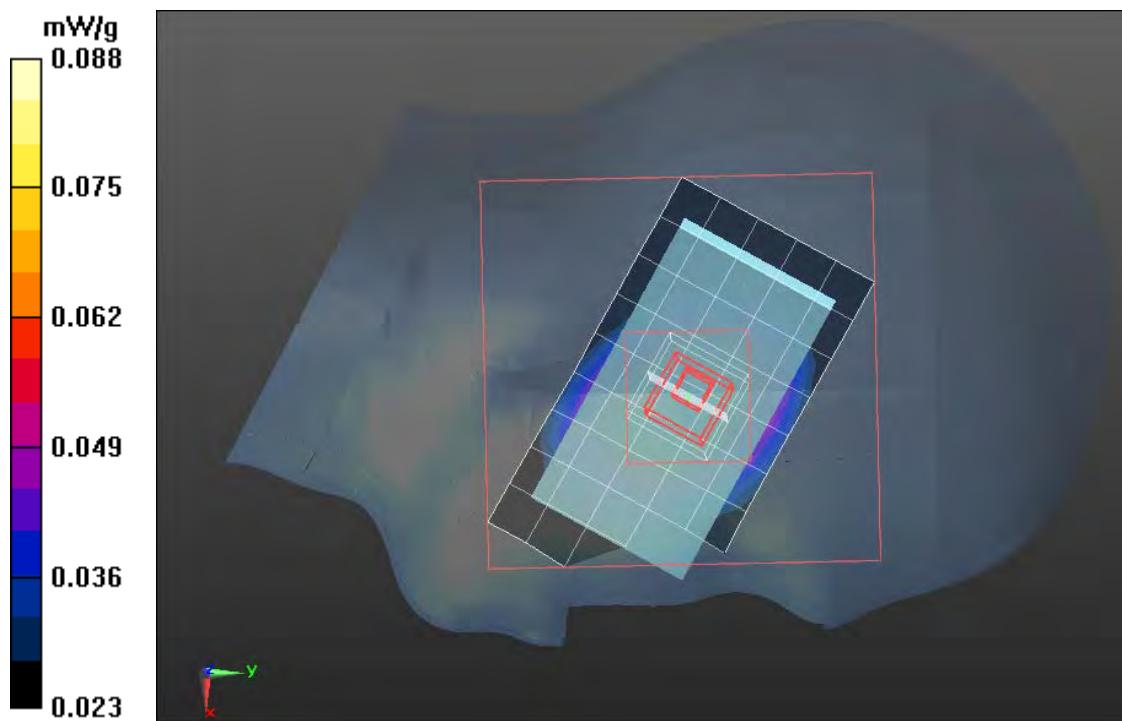
**GSM850/Left Head Tilted High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.269 mW/g**



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## GSM 850-Body Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GSM 850/GSM850 Body Down Low CH128/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

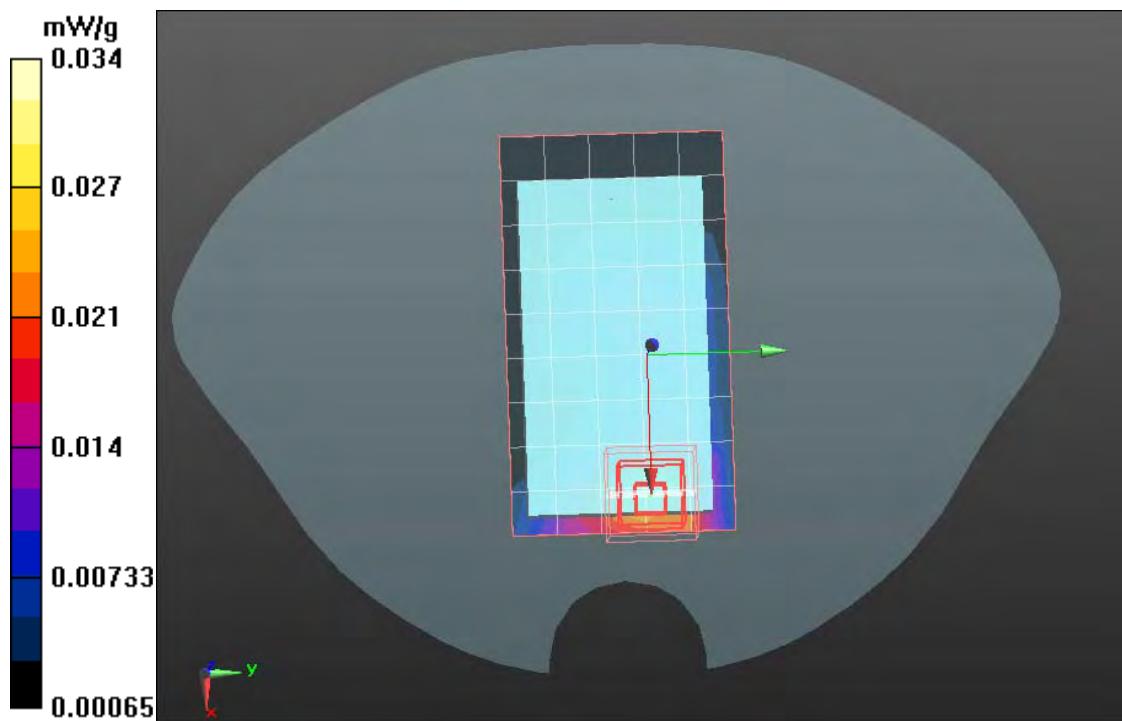
## GSM 850/GSM850 Body Down Low CH128/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.225 mW/g**



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### **GSM 850-Body Middle CH189 Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Down Middle CH189/Area Scan (6x10x1):**

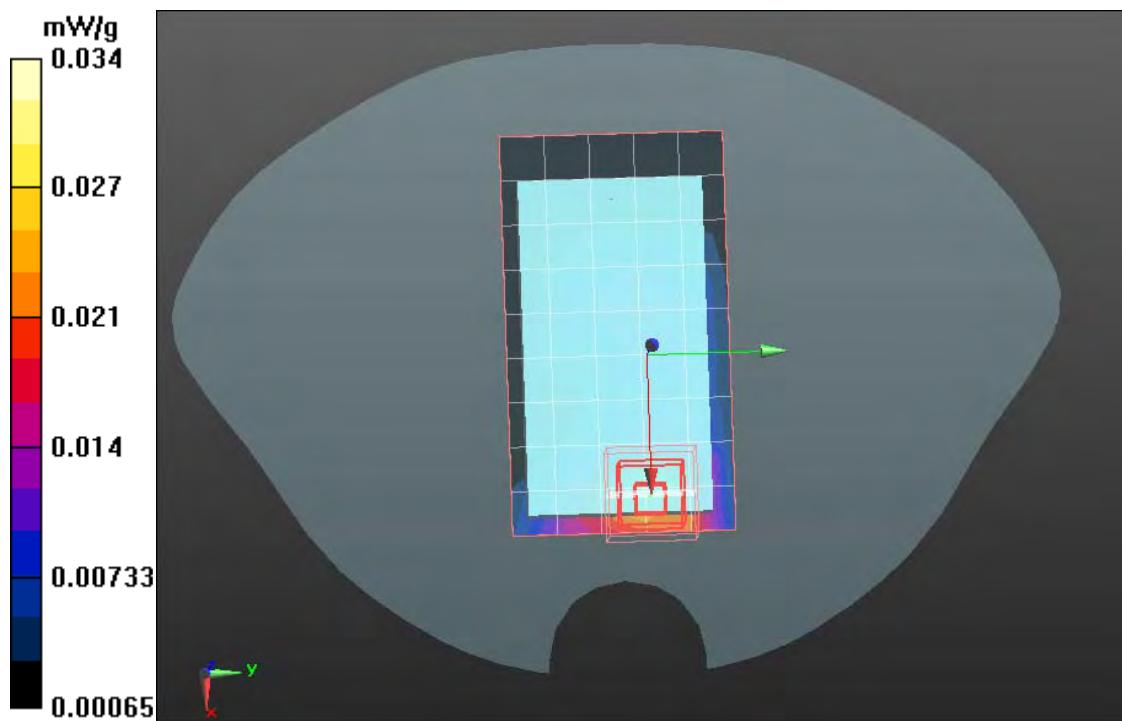
Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

### **GSM 850/GSM850 Body Down Middle CH189/Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=5\text{mm}$ , $dy=5\text{mm}$ , $dz=3\text{mm}$**

**SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.215 mW/g**



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## GSM 850-Body High CH251 Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GSM 850/GSM850 Body Down High CH251/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

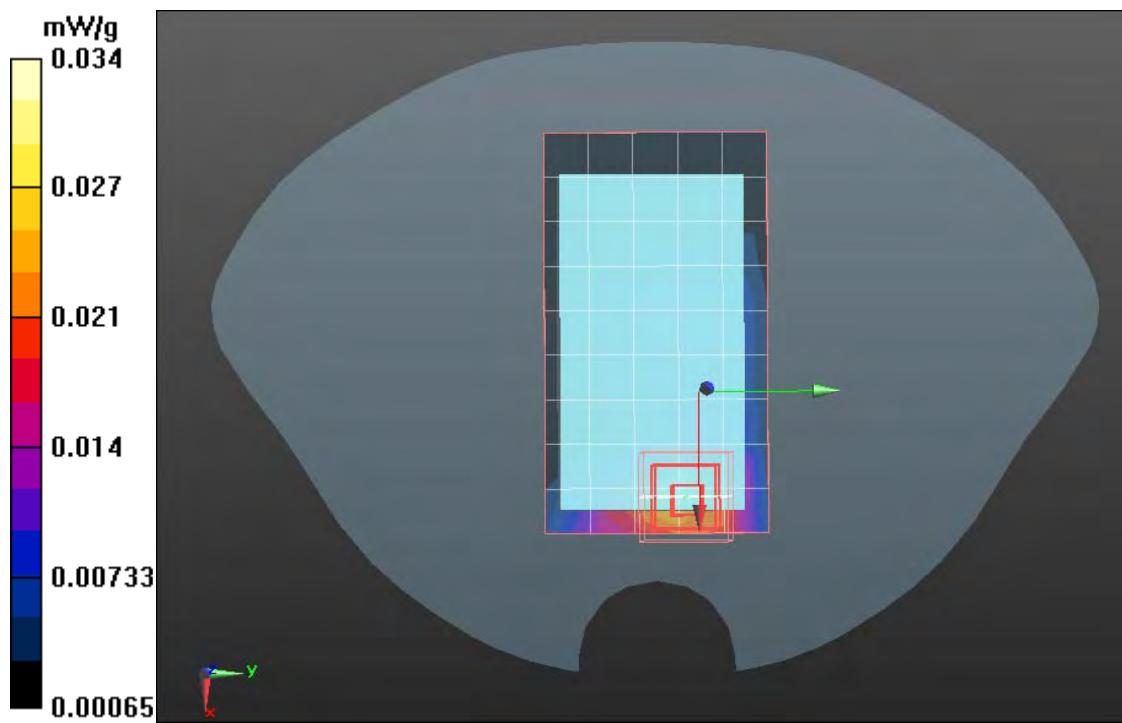
## GSM 850/GSM850 Body Down High CH251/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.225 mW/g**



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### **GSM 850-Body Low CH128 Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Up Low CH128/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

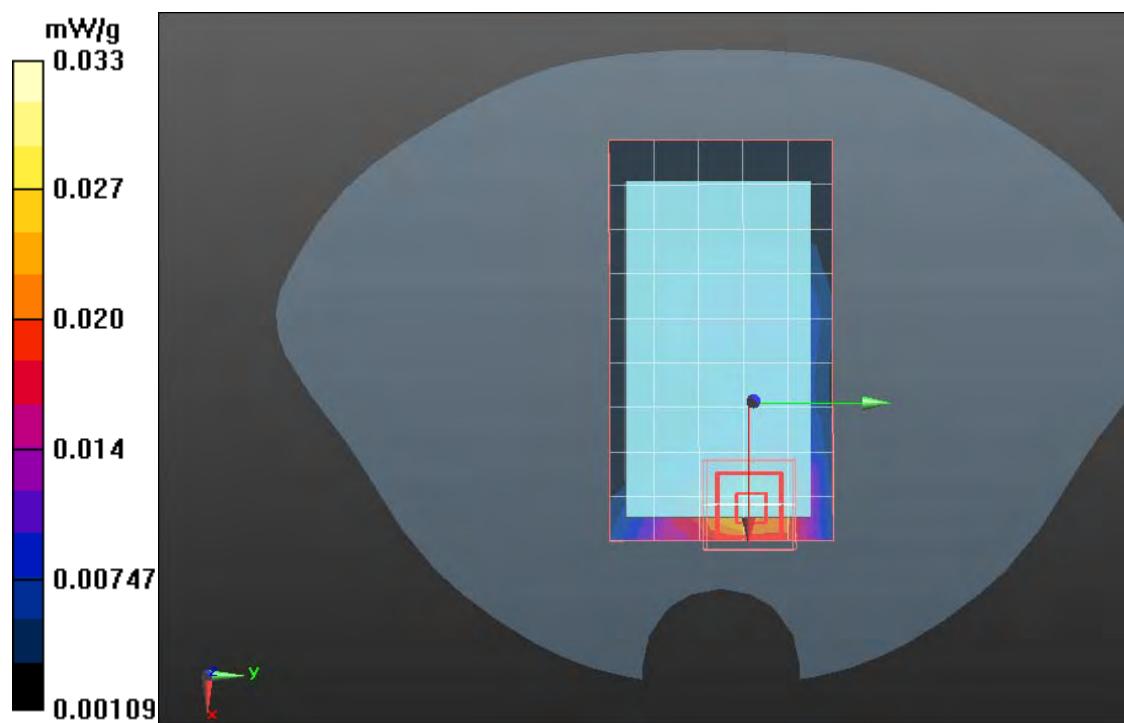
### **GSM 850/GSM850 Body Up Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.331mW/g; SAR(10 g) = 0.224 mW/g**



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### GSM 850-Body Middle CH189 Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### GSM 850/GSM850 Body Up Middle CH189/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

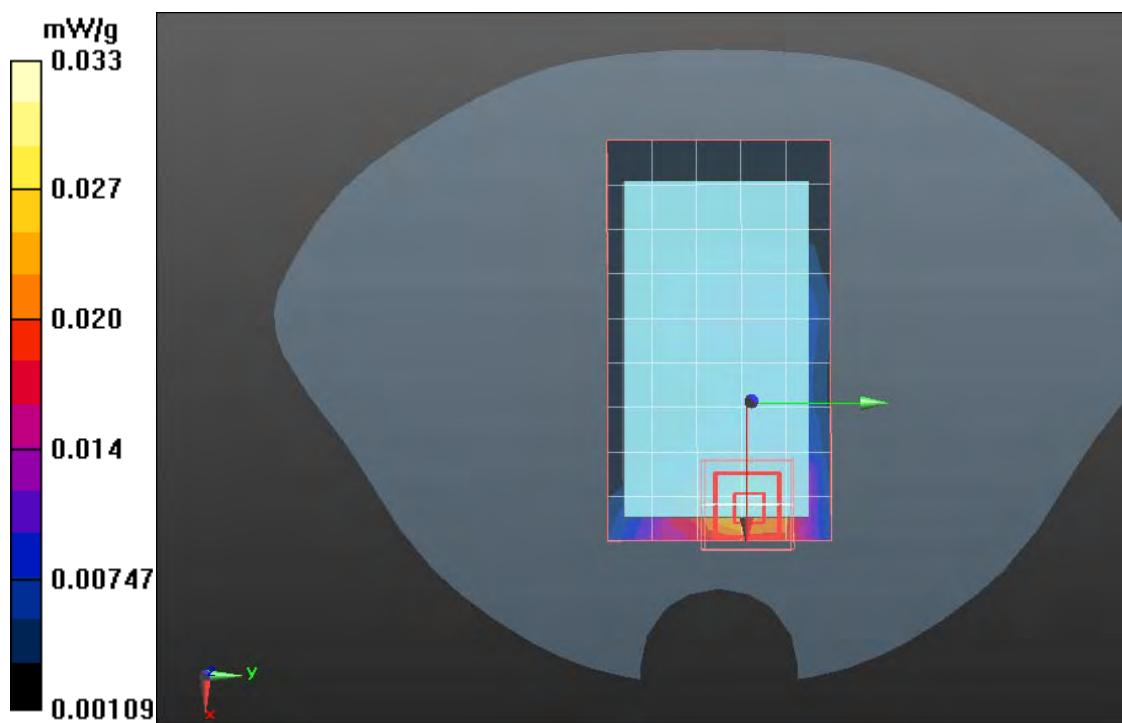
### GSM 850/GSM850 Body Up Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.215 mW/g**



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### **GSM 850-Body High CH251 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Up High CH251/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

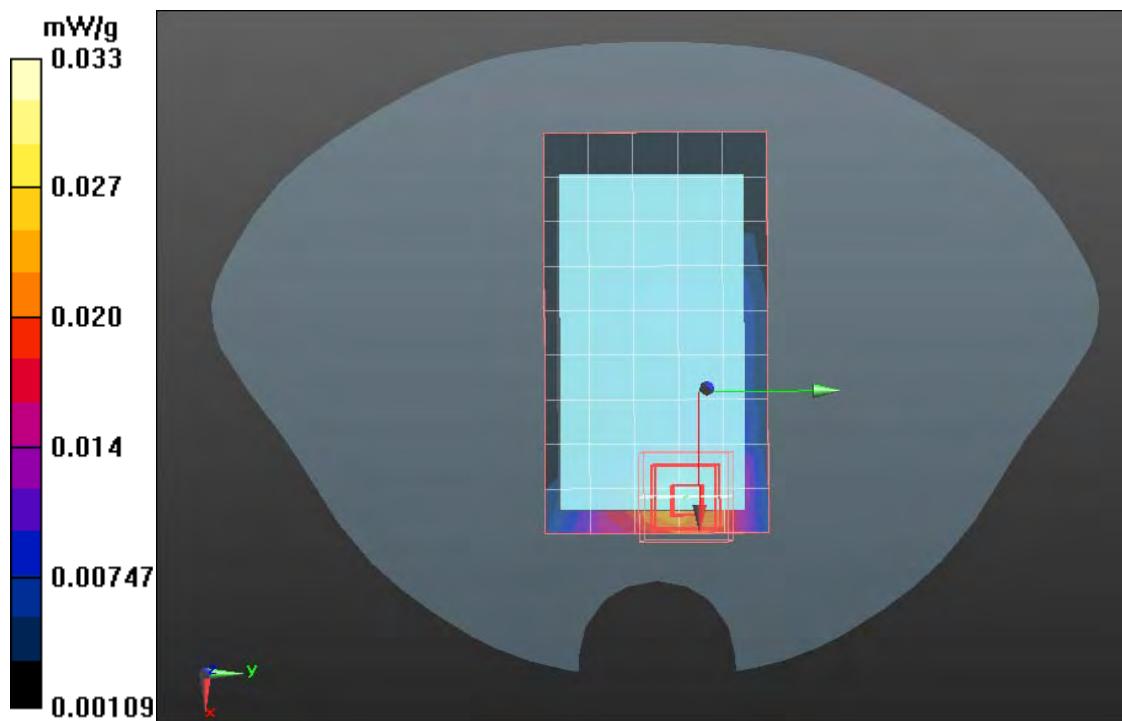
### **GSM 850/GSM850 Body Up High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.225mW/g**



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## GPRS 850-Body Low CH128 Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Down Low CH128/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

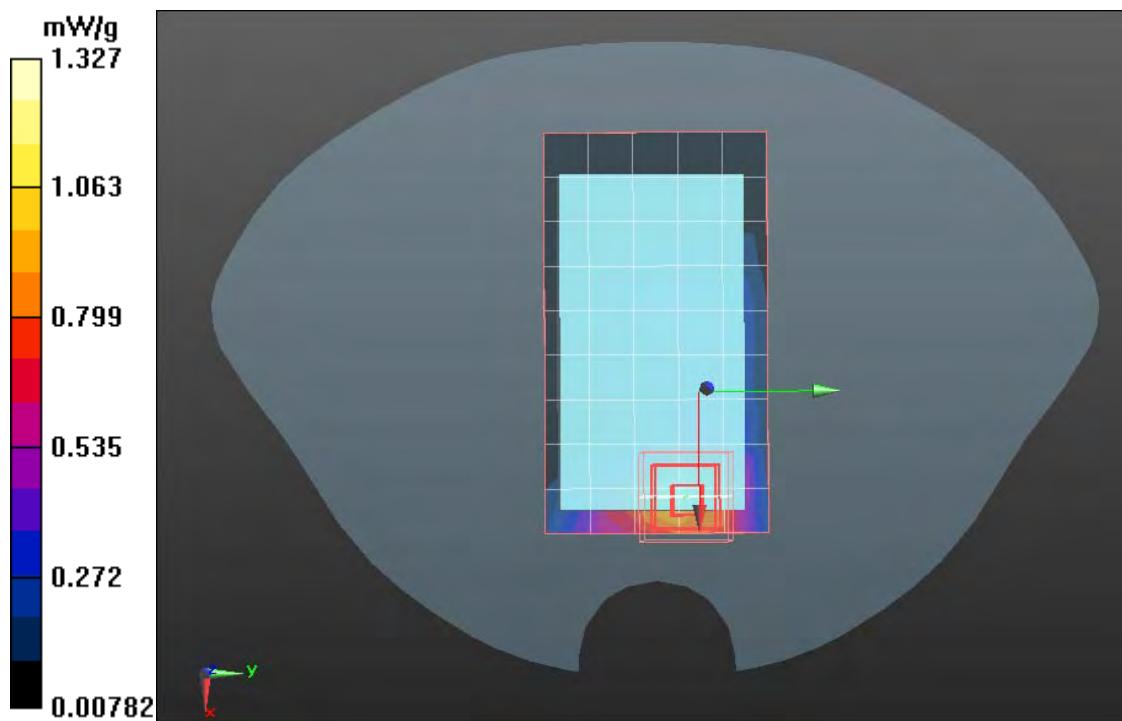
### **GPRS 850/GPRS850 Body Down Low CH128/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.234 mW/g**



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### **GPRS 850-Body Middle CH189 Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Down Middle CH189/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

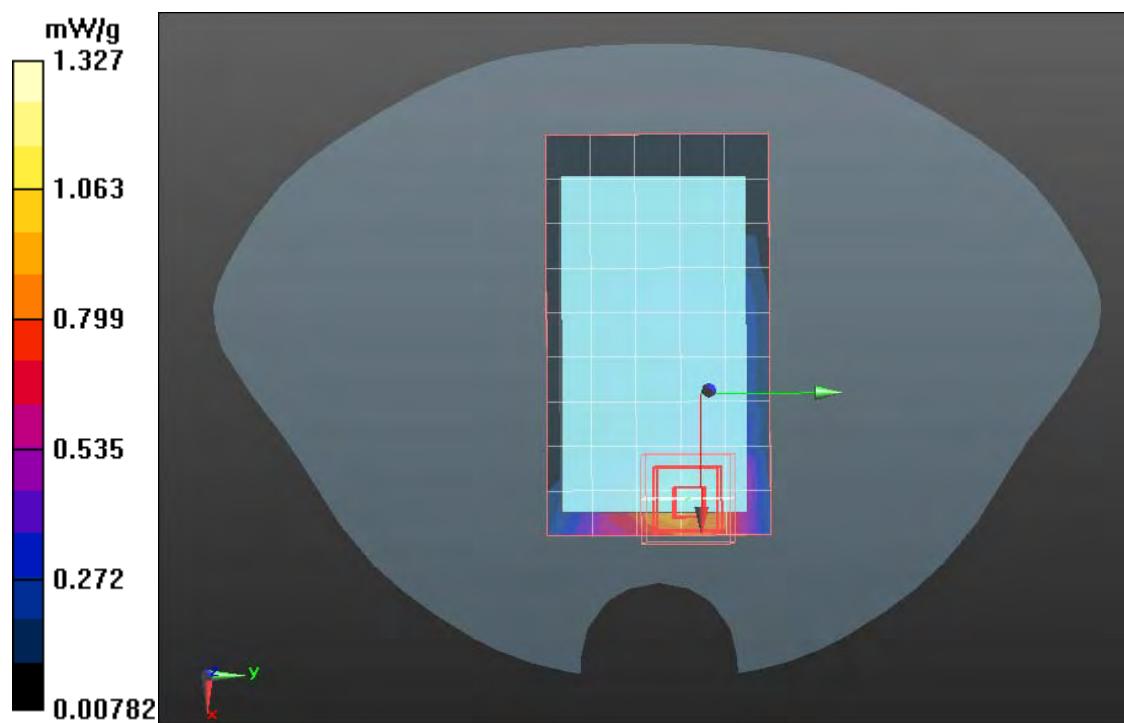
### **GPRS 850/GPRS850 Body Down Middle CH189/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.231 mW/g**



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## GPRS 850-Body High CH251 Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Down High CH251/Area Scan (6x10x1):**

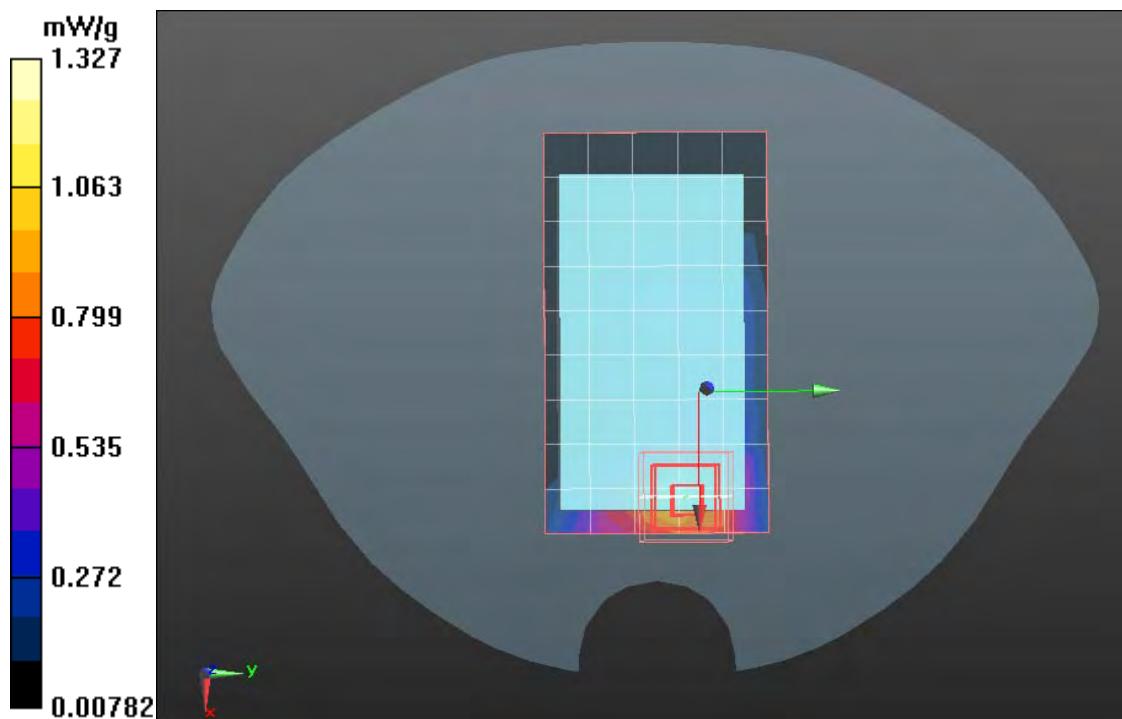
Measurement grid: dx=15mm, dy=15mm

**GPRS 850/GPRS850 Body Down High CH251/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.353mW/g; SAR(10 g) = 0.282mW/g**



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### **GPRS 850-Body Low CH128 Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Up Low CH128/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

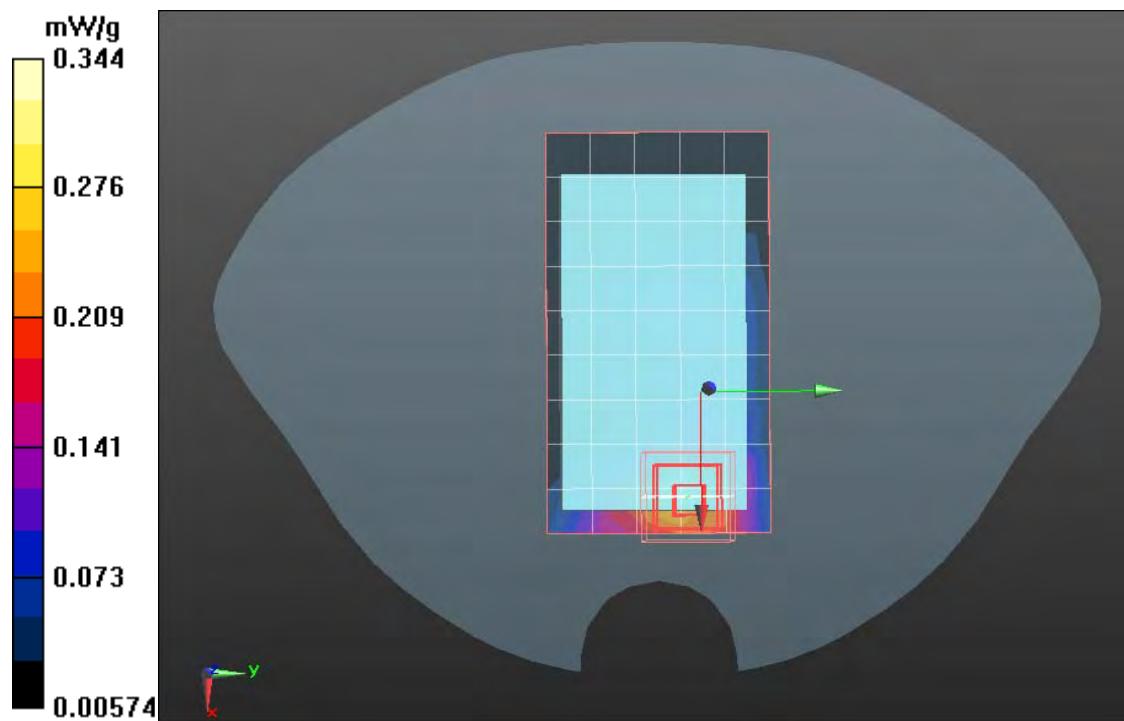
### **GPRS 850/GPRS850 Body Up Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.245 mW/g**



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## GPRS 850-Body Middle CH189 Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GPRS 850/GPRS850 Body Up Middle CH189/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

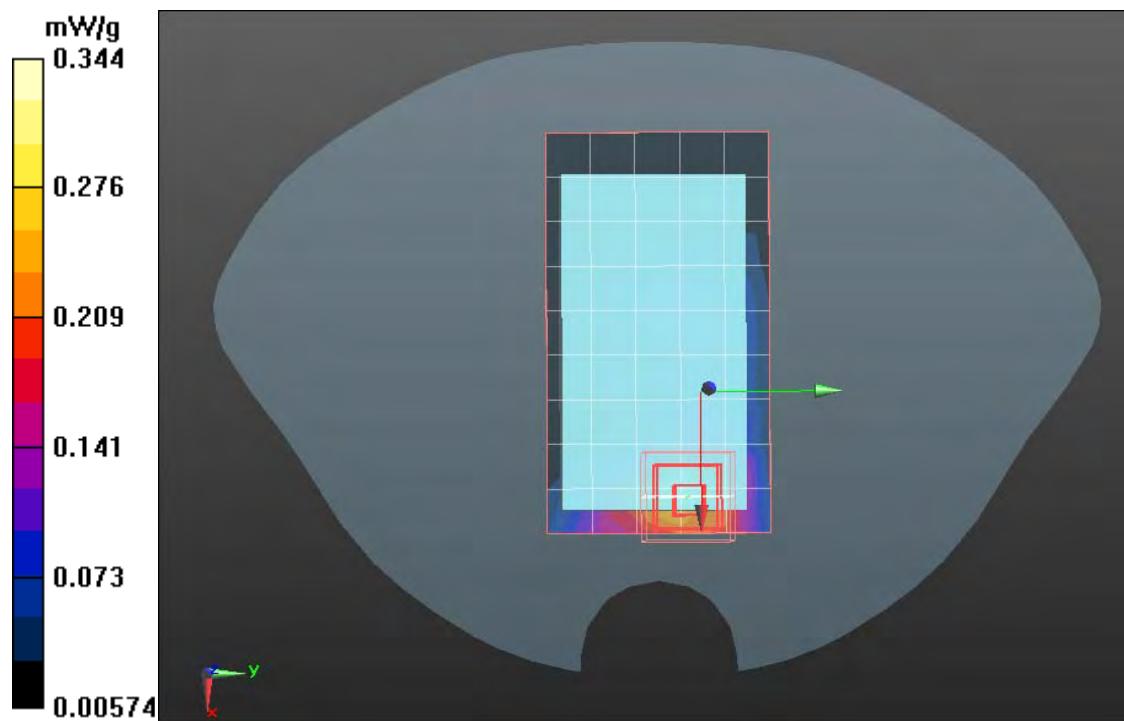
## GPRS 850/GPRS850 Body Up Middle CH189/Zoom Scan (7x7x9)/Cube

0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.185 mW/g**



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### **GPRS 850-Body High CH251 Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Up High CH251/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.676mW/g

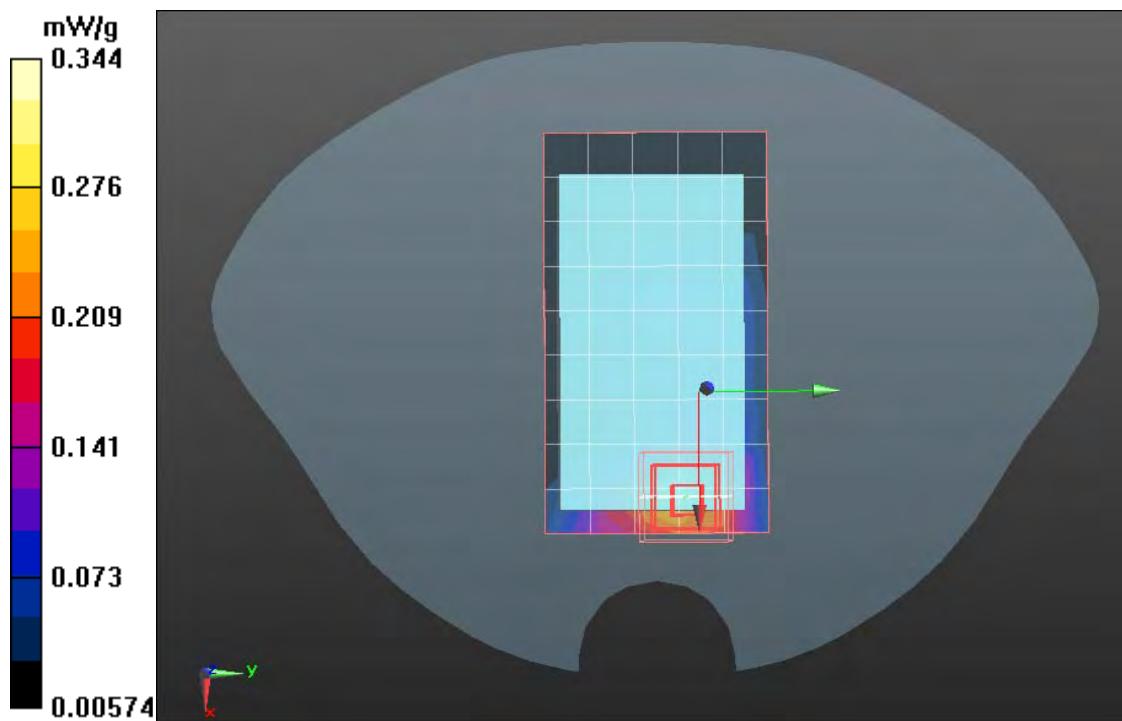
### **GPRS 850/GPRS850 Body Up High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.256 mW/g**



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### **PCS-1900-Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

#### **PCS1900/Right Head Cheek Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

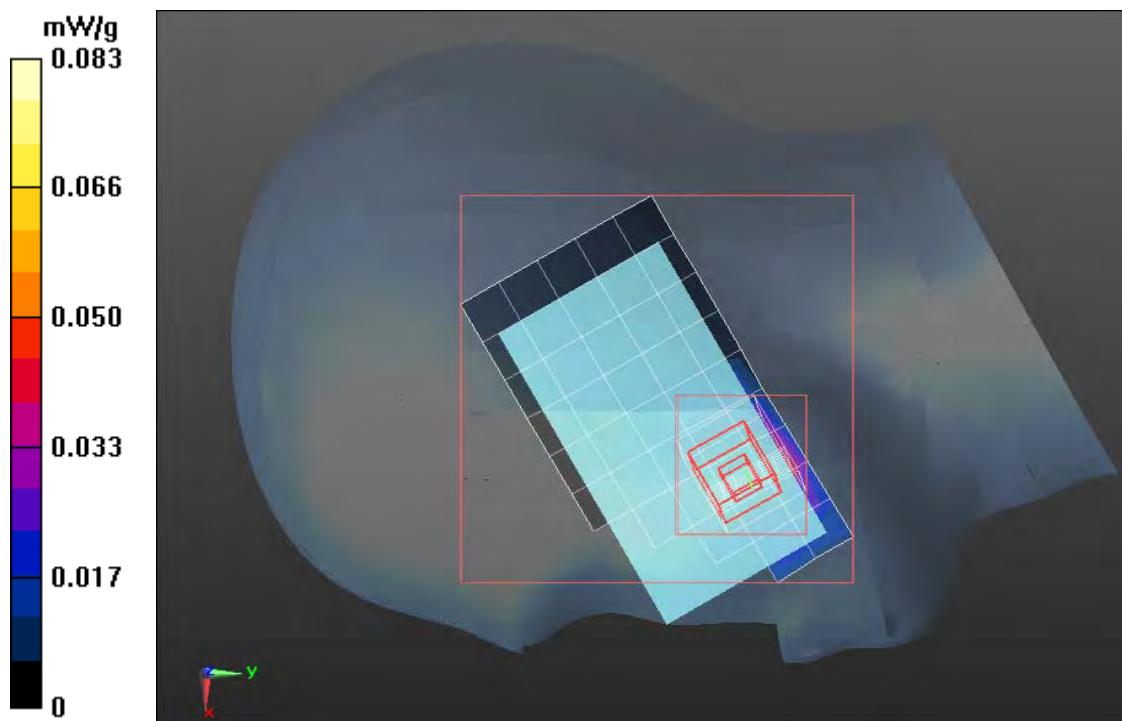
#### **PCS1900/Right Head Cheek Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.247 mW/g**



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## PCS-1900-Right Head Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### PCS1900/Right Head Cheek Middle CH661/Area Scan (6x10x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

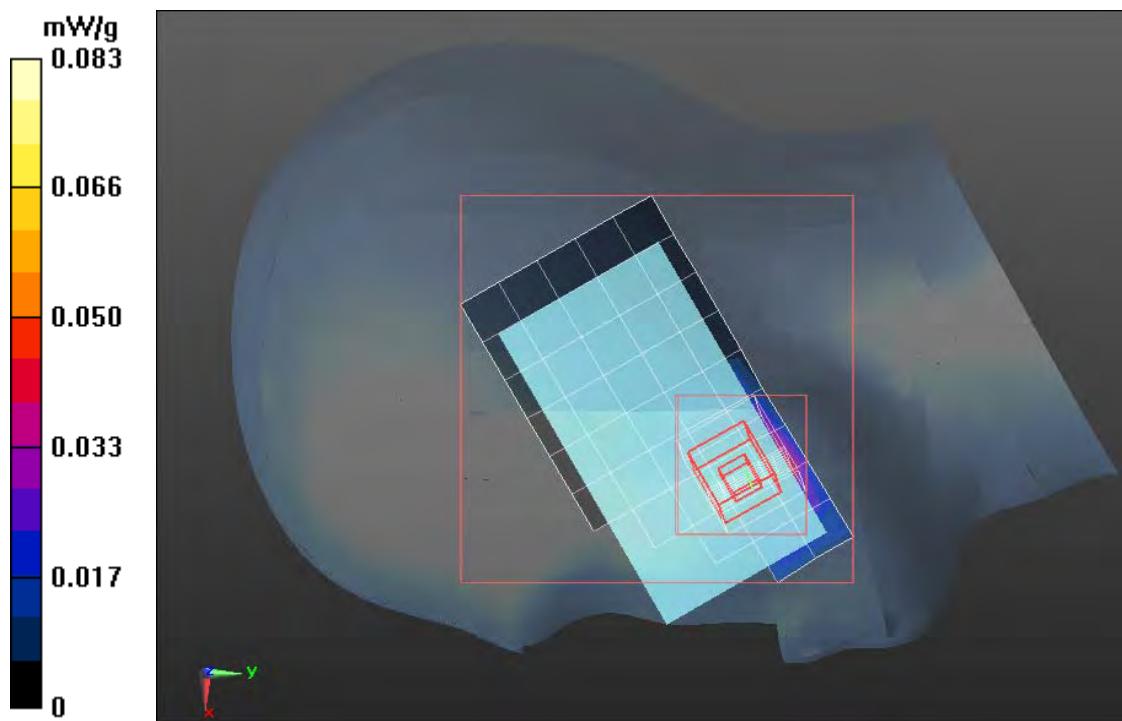
### PCS1900/Right Head Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.246 mW/g**



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### **PCS-1900-Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Cheek High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.122 mW/g

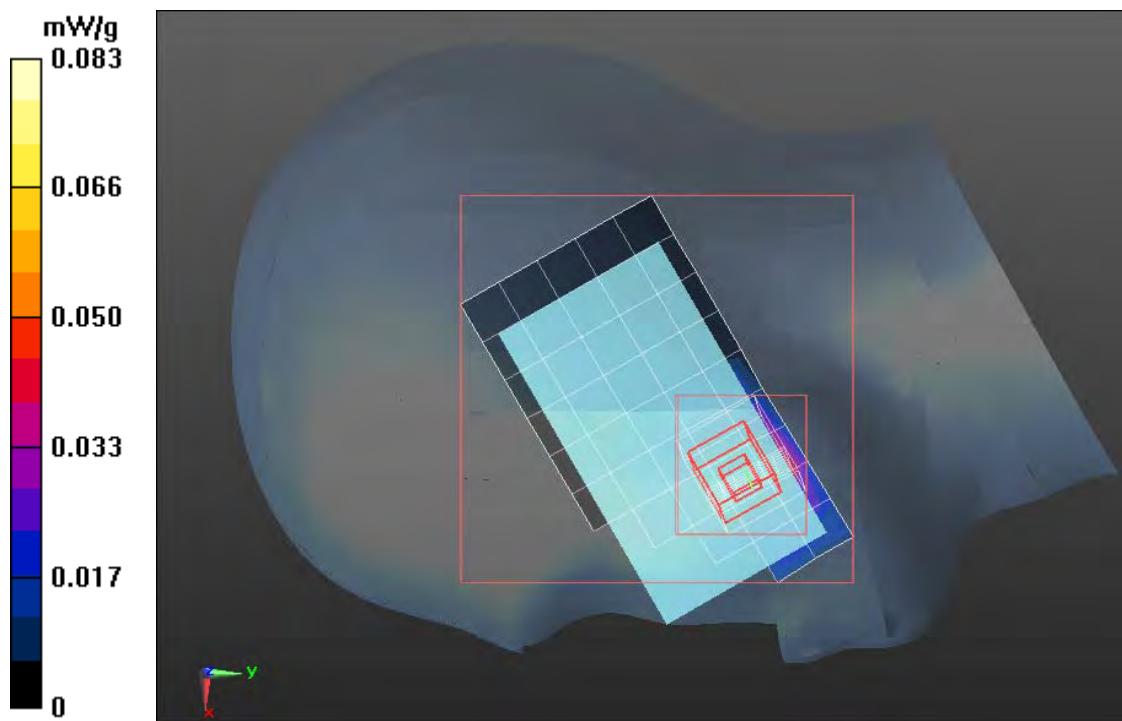
### **PCS1900/Right Head Cheek High CH810/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.267 mW/g**



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### **PCS-1900-Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.87$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Tilted Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

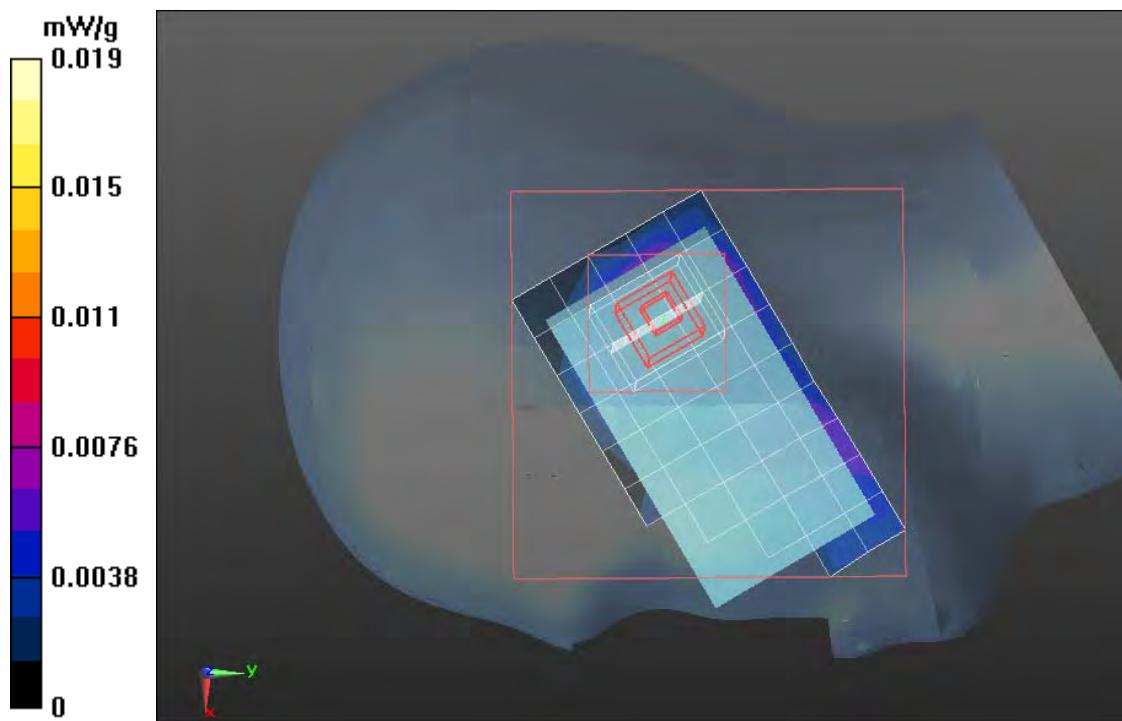
### **PCS1900/Right Head Tilted Low CH512/Zoom Scan (8x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.255 mW/g**



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### **PCS-1900-Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Tilted Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

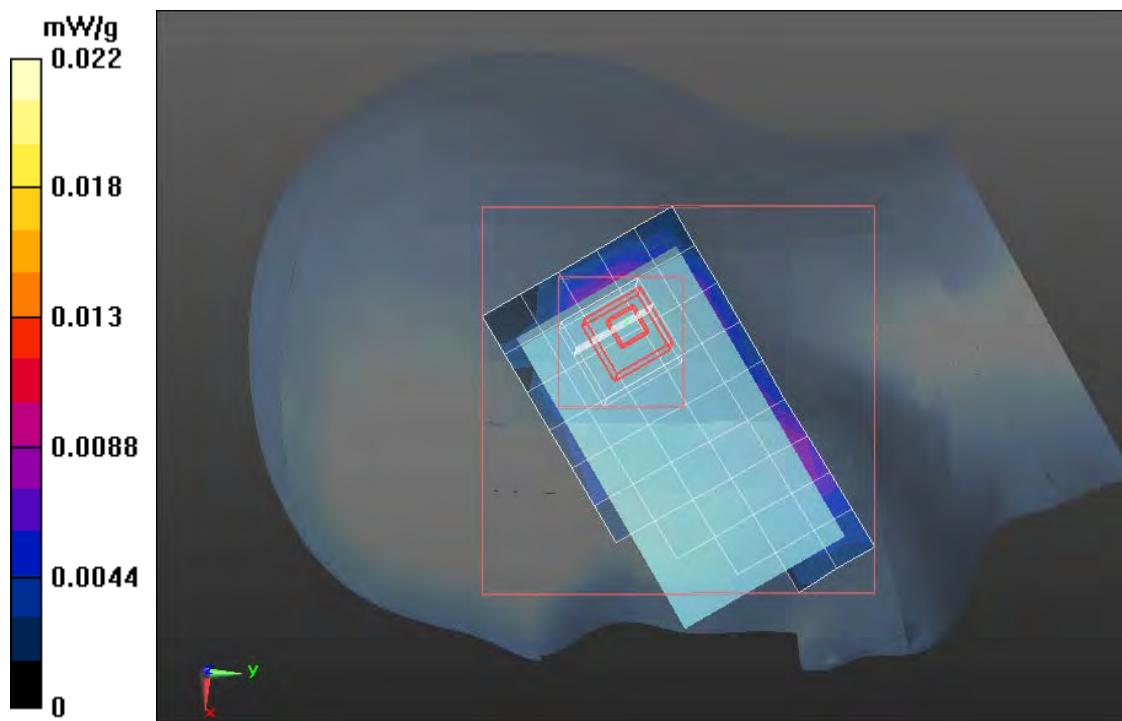
### **PCS1900/Right Head Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.211 mW/g**



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### **PCS-1900-Right Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.87$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Tilted High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

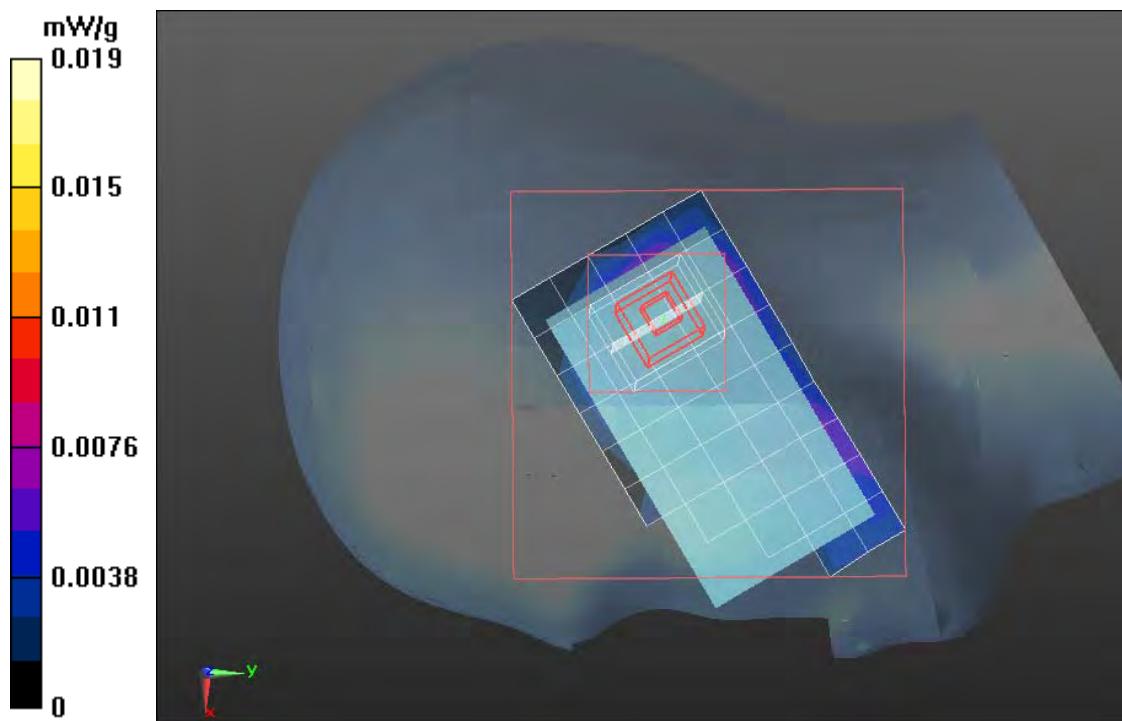
### **PCS1900/Right Head Tilted High CH810/Zoom Scan (8x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.213 mW/g**



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## PCS 1900-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Cheek Low CH512/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

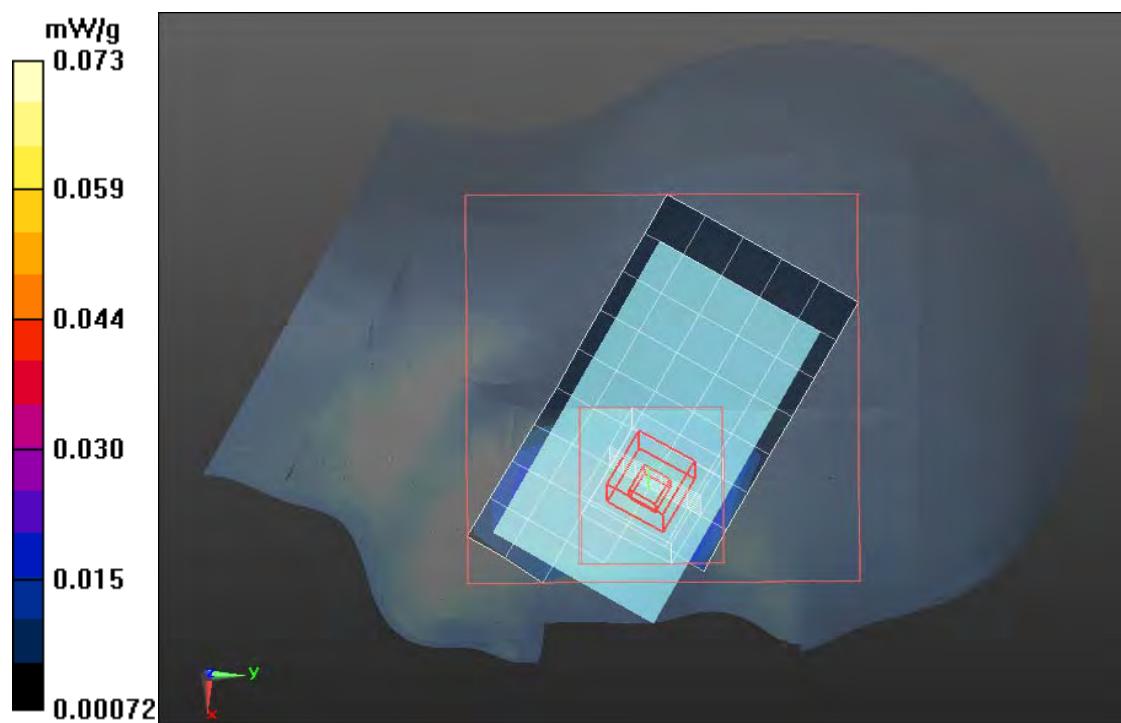
**PCS1900/Left Head Cheek Low CH512/Zoom Scan (8x8x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.239 mW/g**



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### **PCS 1900-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Left Head Cheek Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

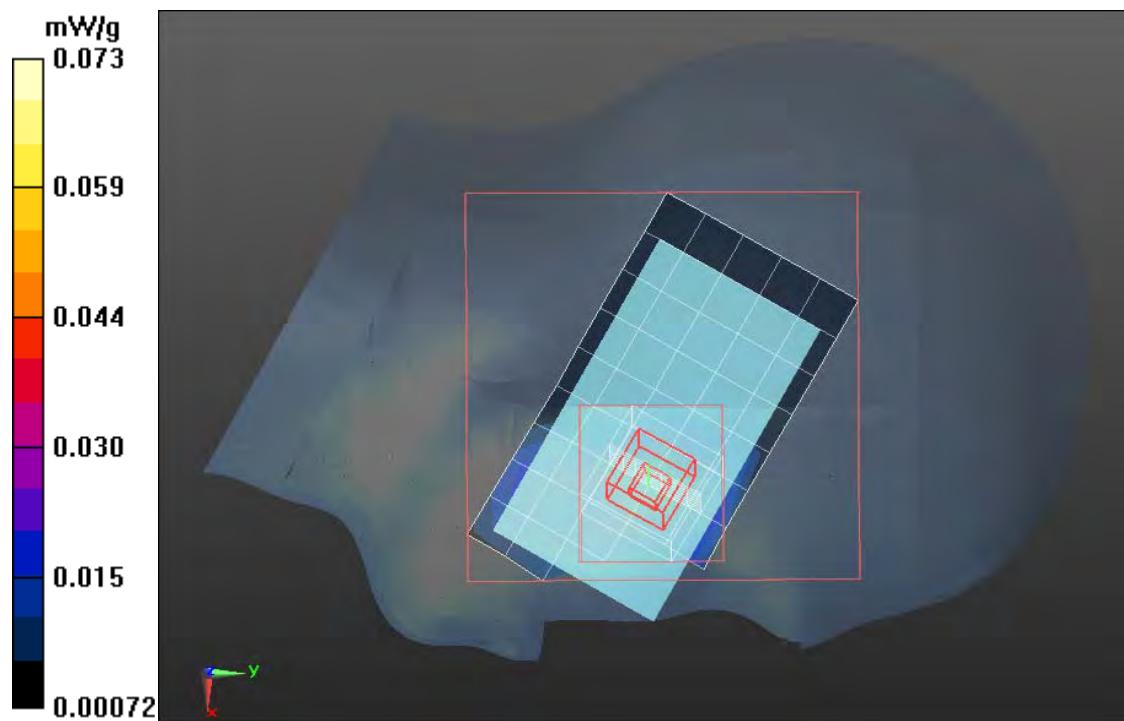
### **PCS1900/Left Head Cheek Middle CH661/Zoom Scan (8x8x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.236 mW/g**



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### **PCS 1900-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Left Head Cheek High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

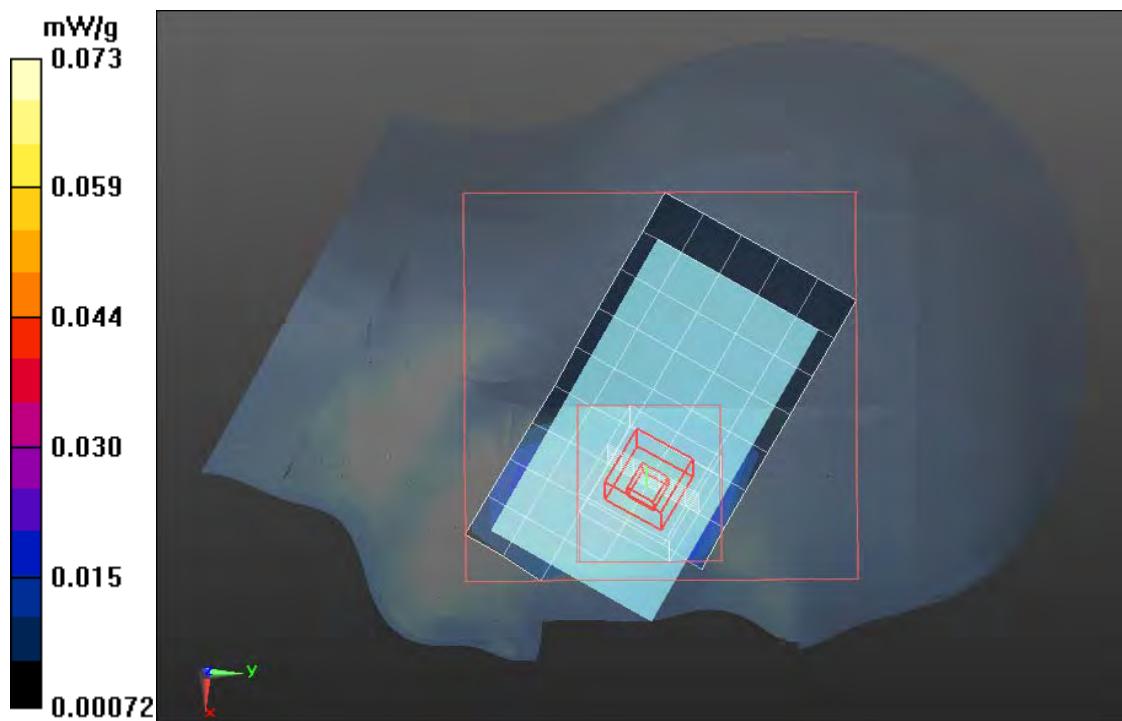
### **PCS1900/Left Head Cheek High CH810/Zoom Scan (8x8x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.263 mW/g**



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## PCS 1900-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Tilted Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

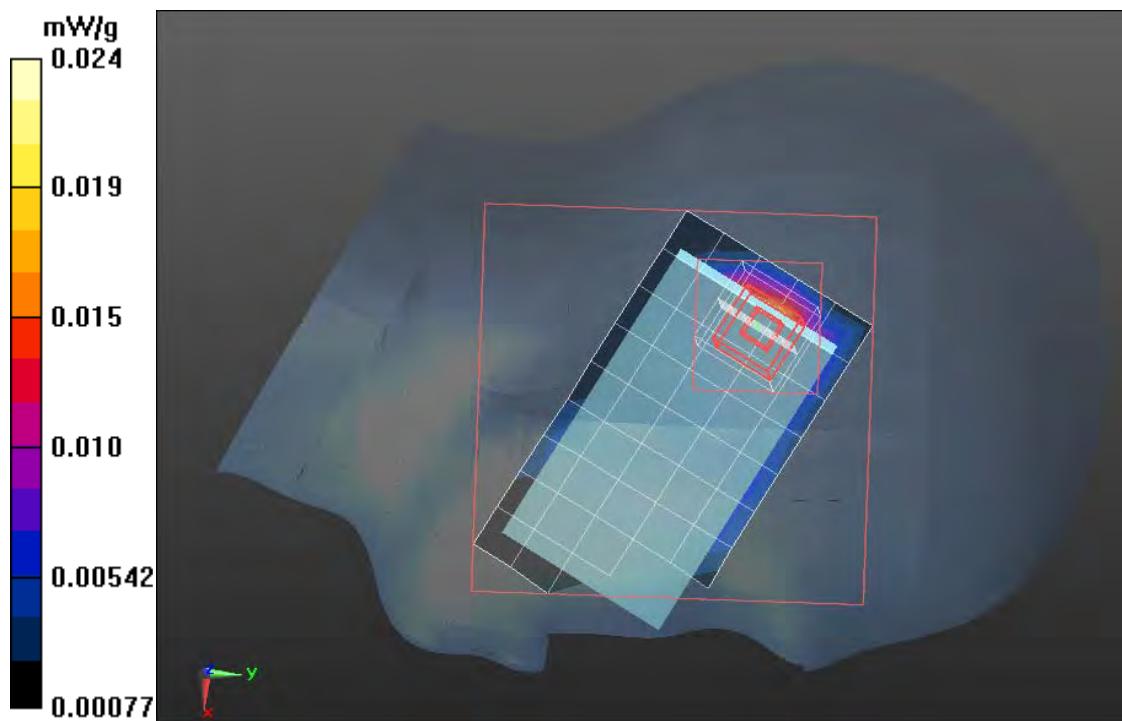
**PCS1900/Left Head Tilted Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.213 mW/g**



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## PCS 1900-Left Head Slide off

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## PCS1900/Left Head Tilted Middle CH661/Area Scan (6x10x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

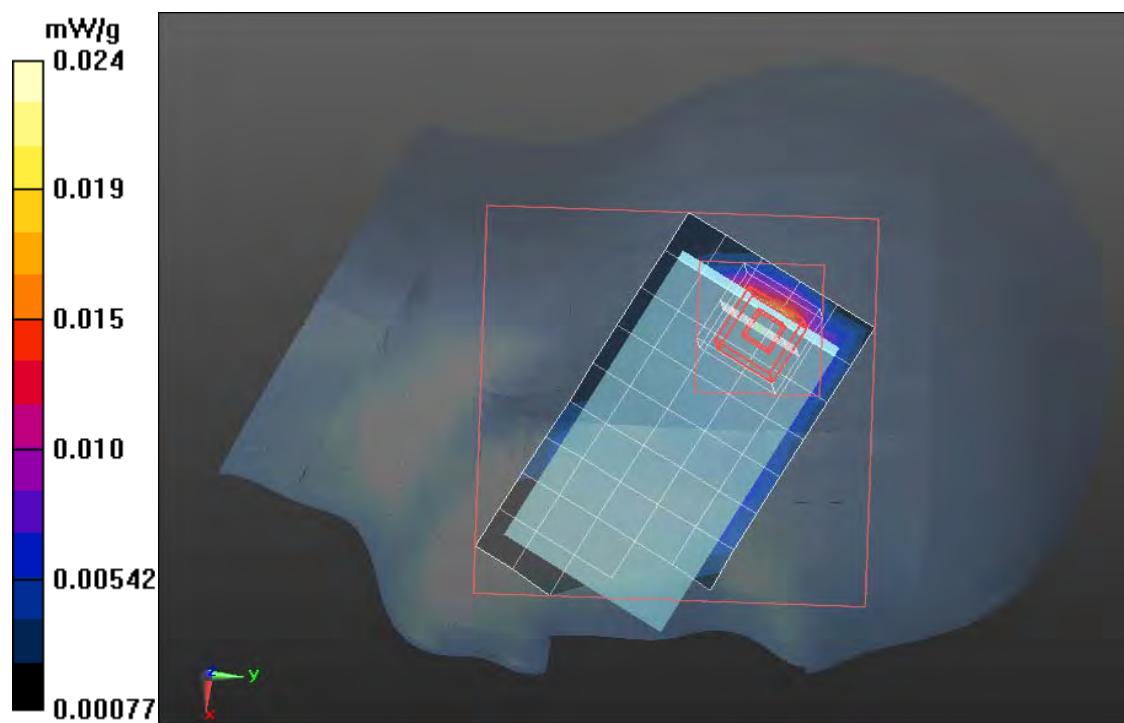
## PCS1900/Left Head Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.211 mW/g**



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### **PCS 1900-Left Head Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Tilted High CH810/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

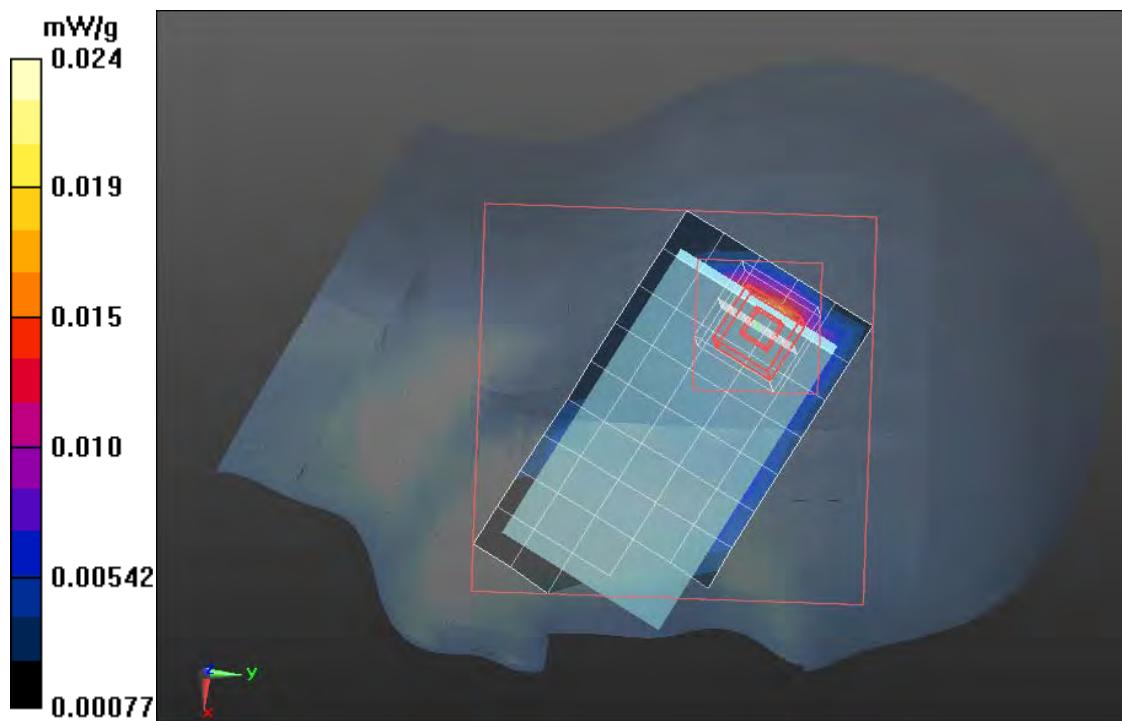
**PCS1900/Left Head Tilted High CH810/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.216 mW/g**



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### **PCS1900-Body Low CH512 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/PCS1900 Body Down Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

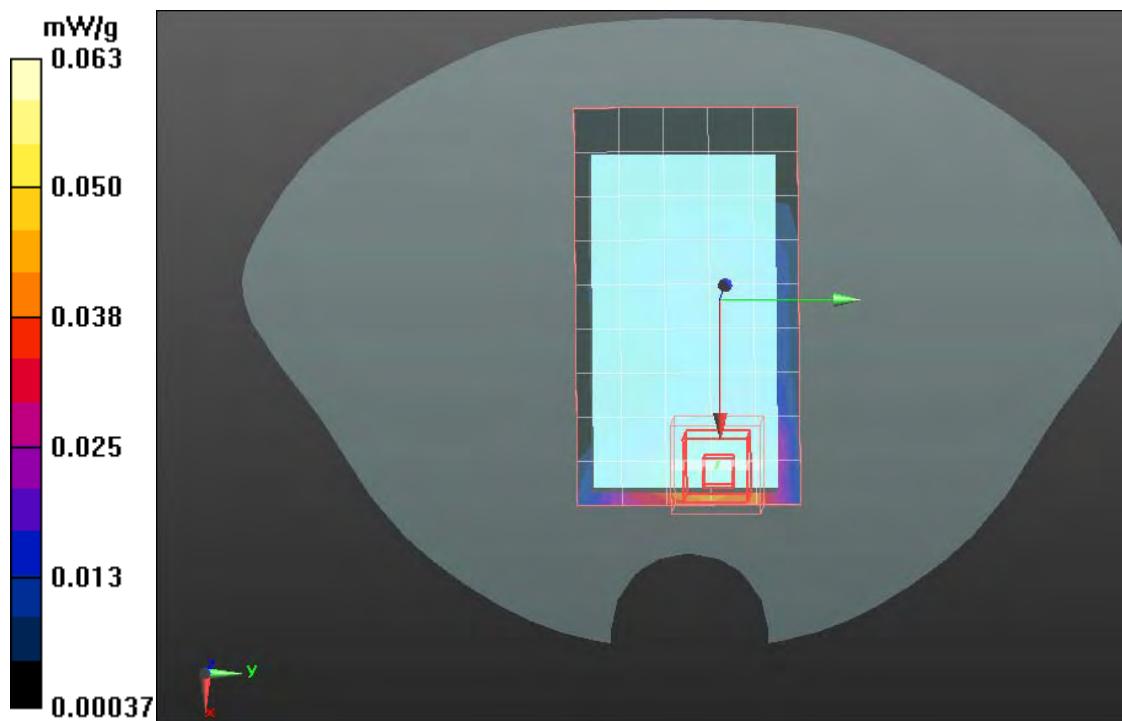
### **PCS1900/PCS1900 Body Down Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.235 mW/g**



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### **PCS1900-Body Middle CH661 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/PCS1900 Body Down Middle CH661/Area Scan (6x10x1):**

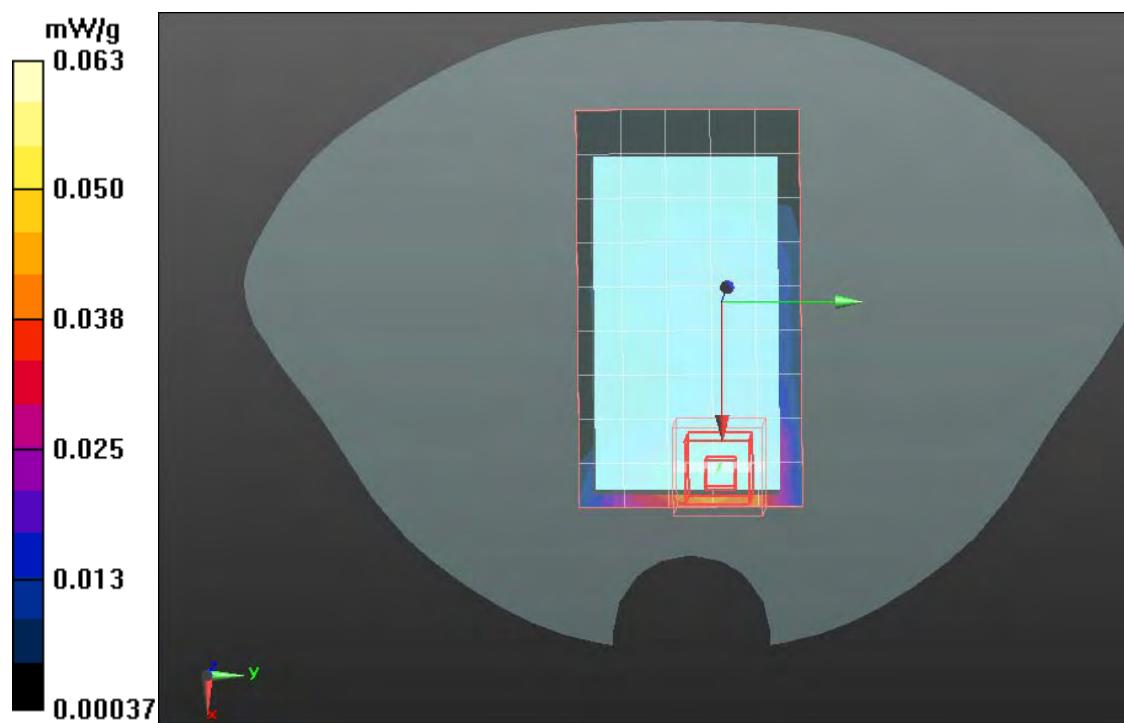
Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**PCS1900/PCS1900 Body Down Middle CH661/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.231 mW/g**



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## **PCS1900-Body High CH810 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **PCS1900/PCS1900 Body Down High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

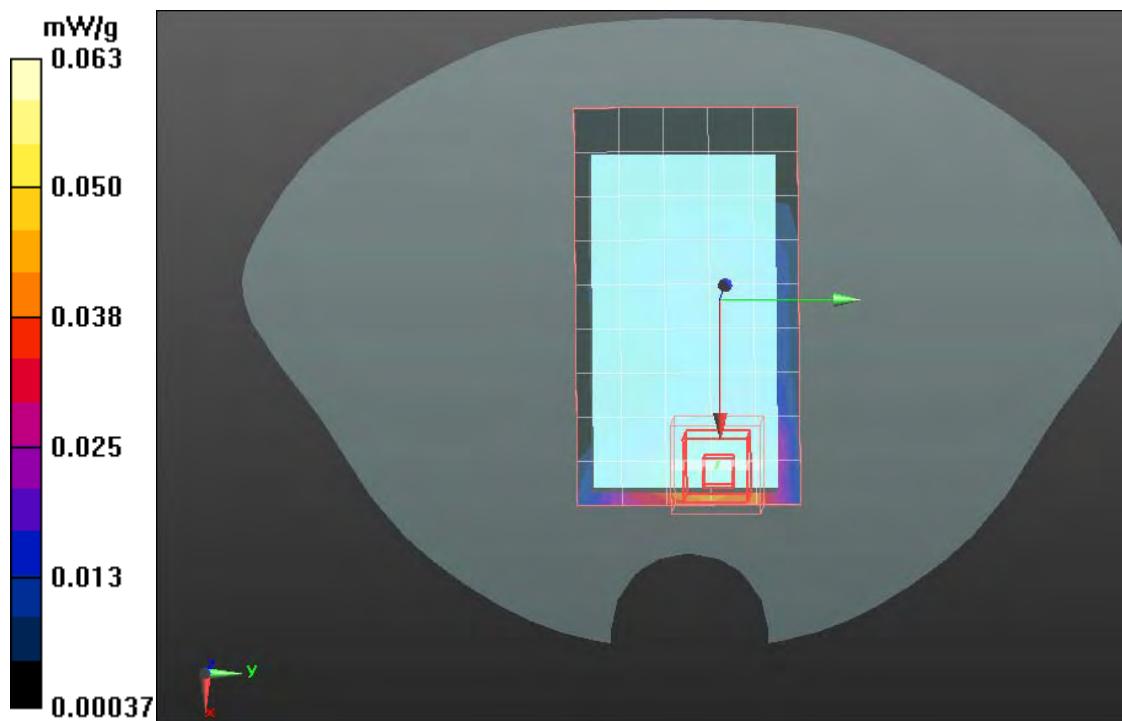
## **PCS1900/PCS1900 Body Down High CH810/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.233 mW/g**



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### **PCS1900-Body Low CH512 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/ PCS1900 Body Up Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

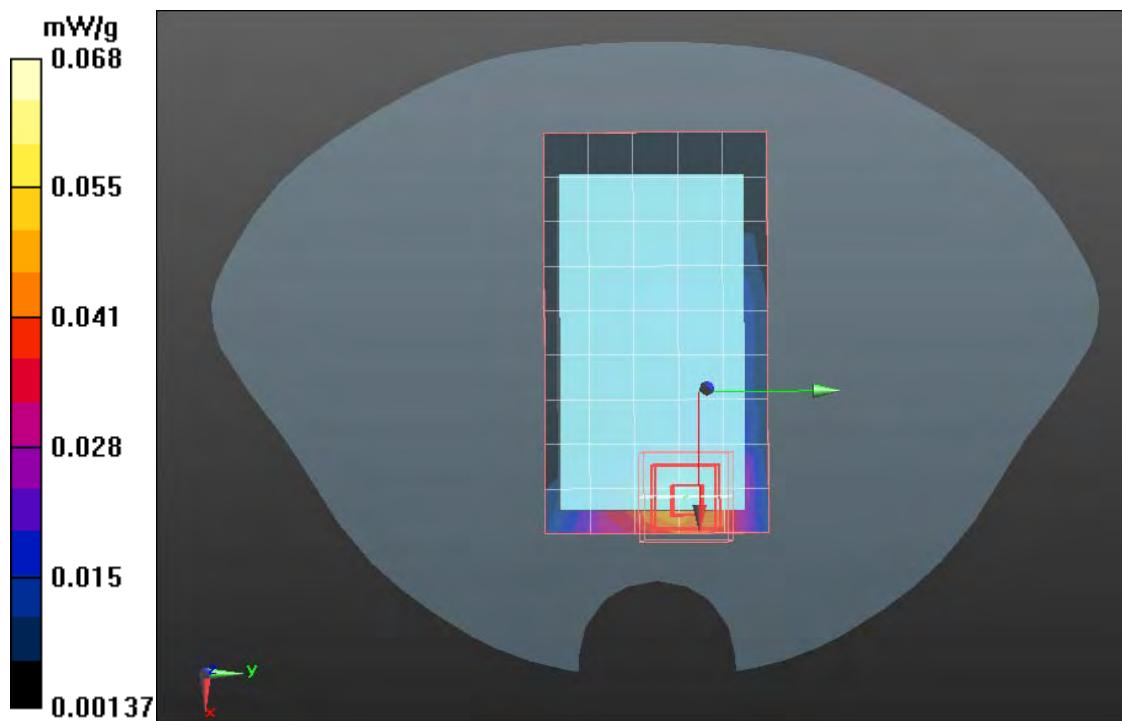
### **PCS1900/ PCS1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.262 mW/g**



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## **PCS1900-Body Middle CH661 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **PCS1900/ PCS1900 Body Up Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

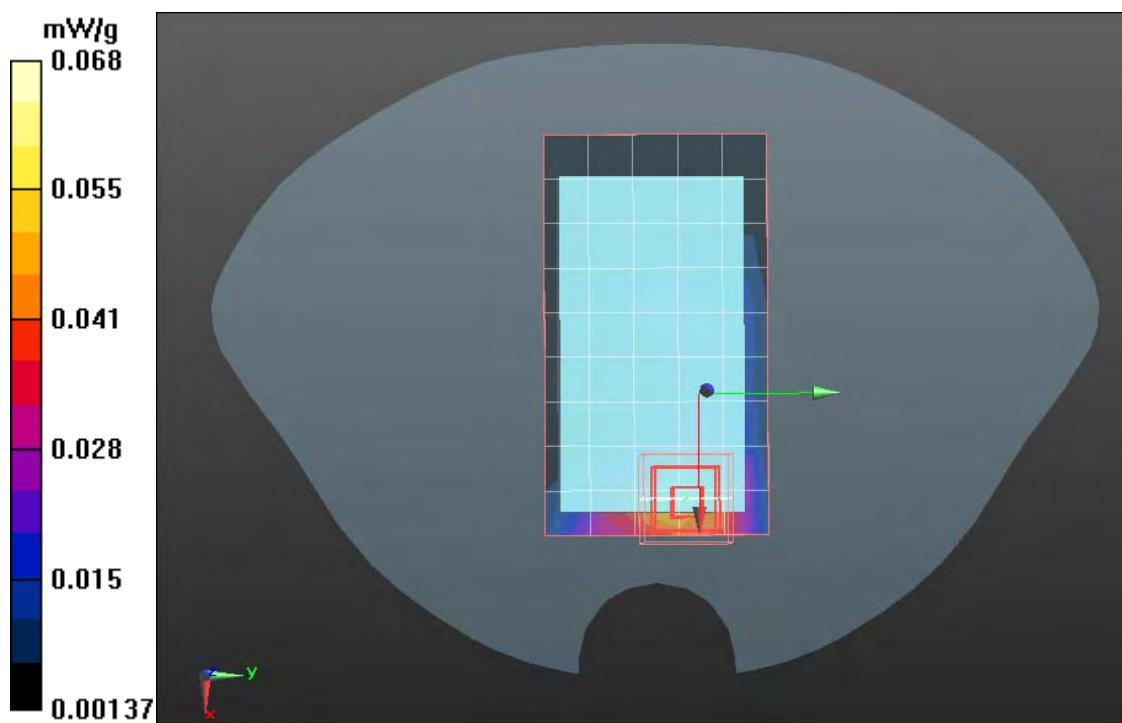
## **PCS1900/ PCS1900 Body Up Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.231 mW/g**



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### **PCS1900-Body High CH810 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1809.8 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/ PCS1900 Body Up High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

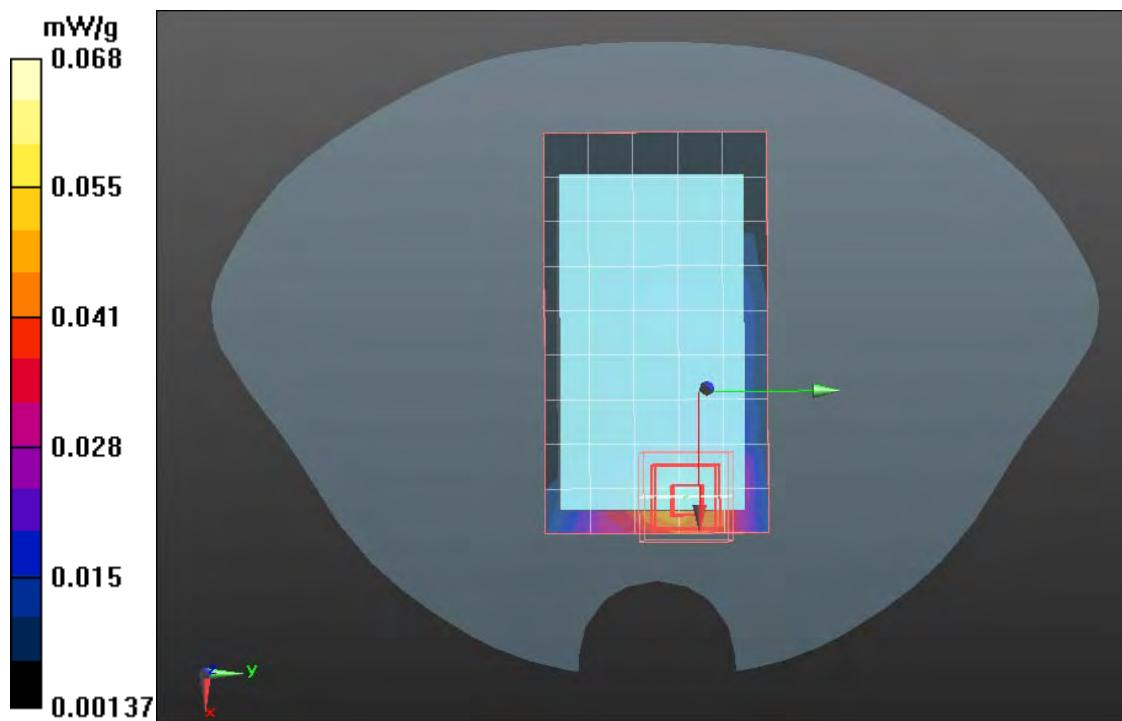
### **PCS1900/ PCS1900 Body Up High CH810/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.231 mW/g**



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## GPRS 1900-Body Low CH512 Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Down Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

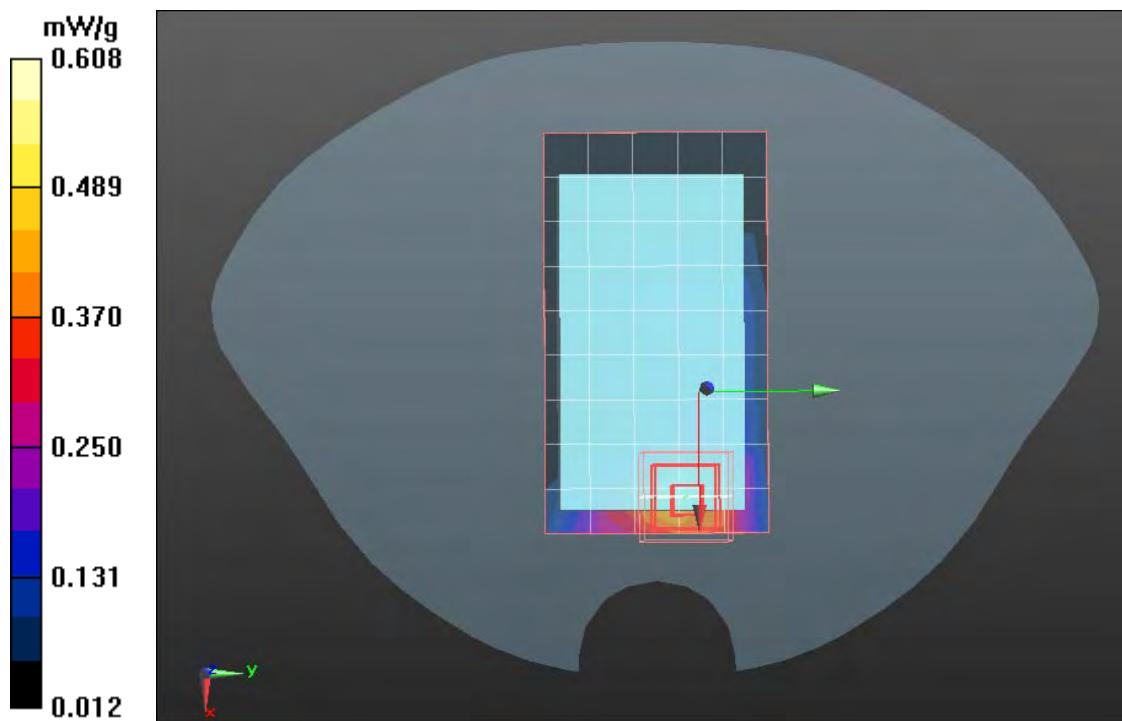
### **GPRS1900/GPRS1900 Body Down Low CH512/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.278mW/g**



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## GPRS 1900-Body Middle CH661 Slide off

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GPRS1900/GPRS1900 Body Down Middle CH661/Area Scan (6x10x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

## GPRS1900/GPRS1900 Body Down Middle CH661/Zoom Scan

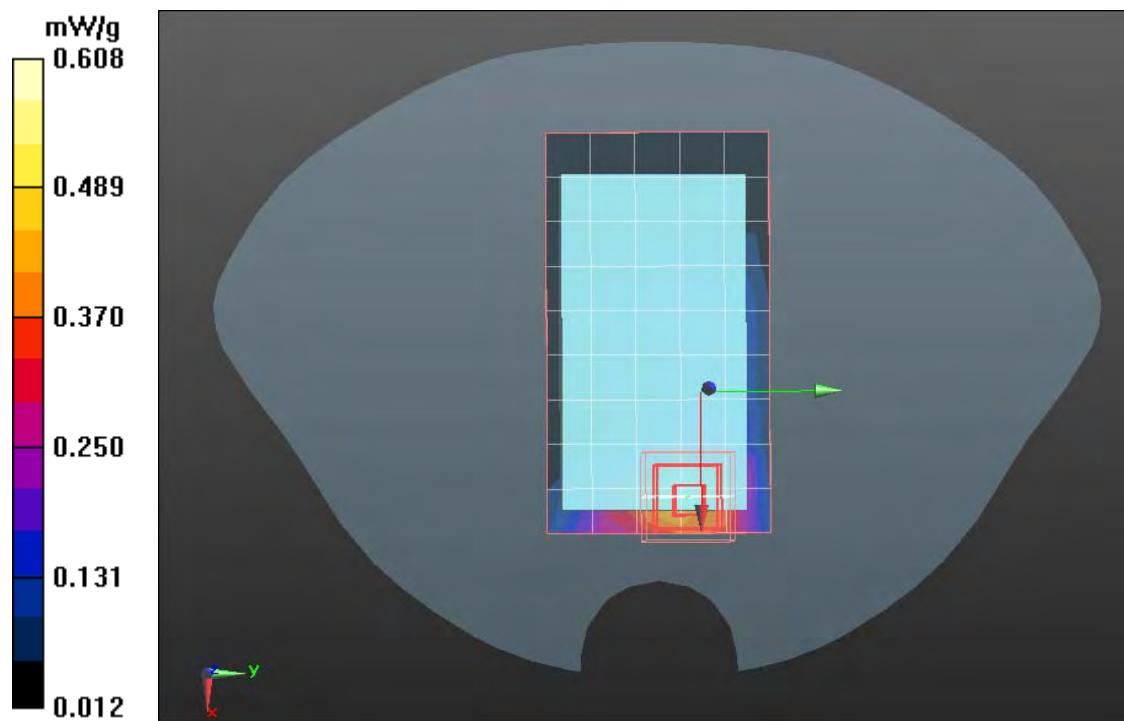
(8x7x9)/Cube 0: Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.297 mW/g**

Maximum value of SAR (measured) = 0.812 mW/g



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### **GPRS 1900-Body High CH810 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Down High CH810/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

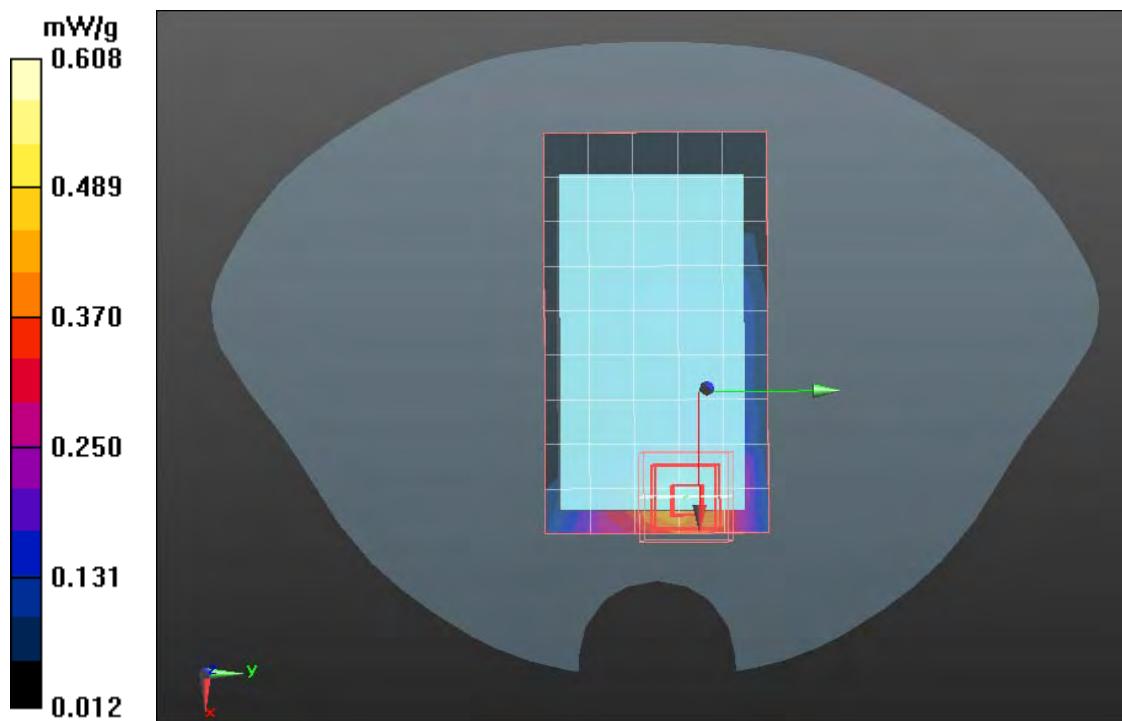
### **GPRS1900/GPRS1900 Body Down High CH810/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.212 mW/g**



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### **GPRS 1900-Body Low CH512 Slide off**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2\text{MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Up Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

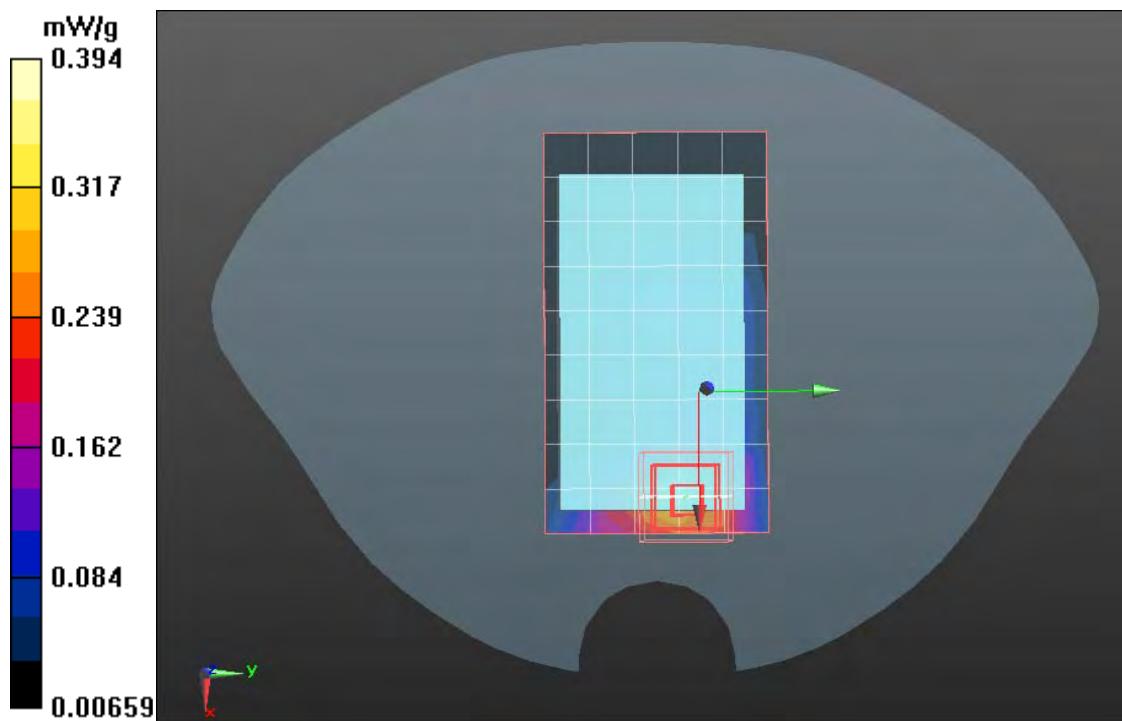
### **GPRS1900/GPRS1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.284 mW/g**



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### **GPRS 1900-Body Middle CH661 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Up Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

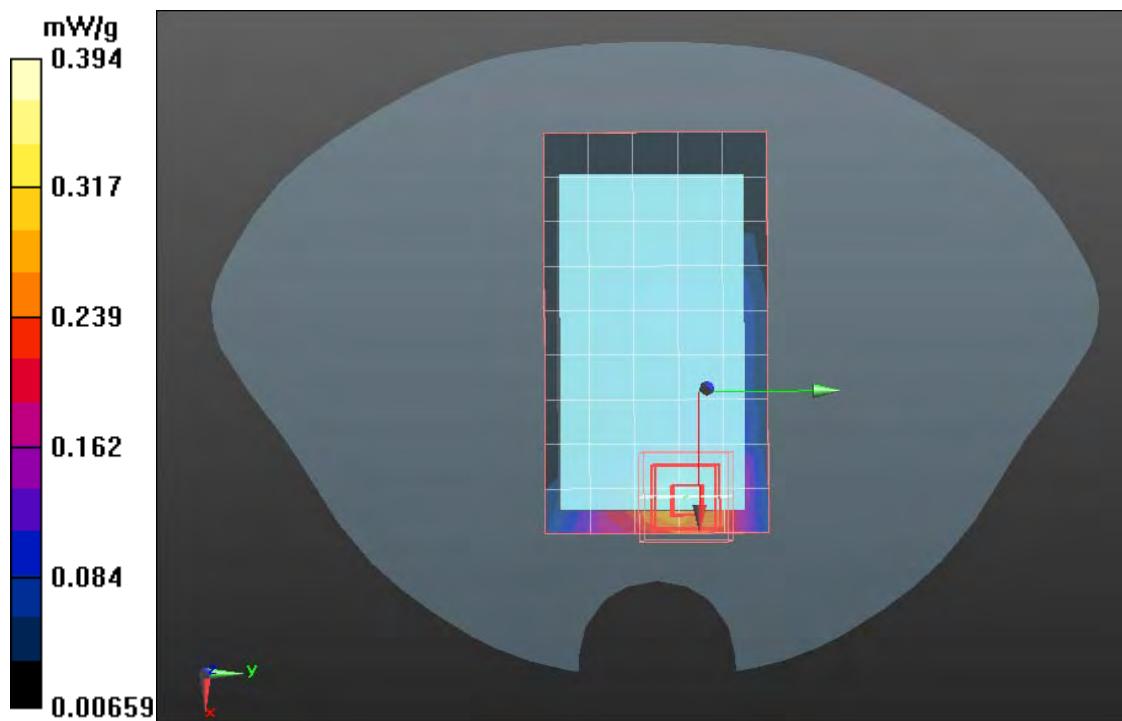
### **GPRS1900/GPRS1900 Body Up Middle CH661/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.261 mW/g**



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### **GPRS 1900-Body High CH810 Slide off**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Up High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

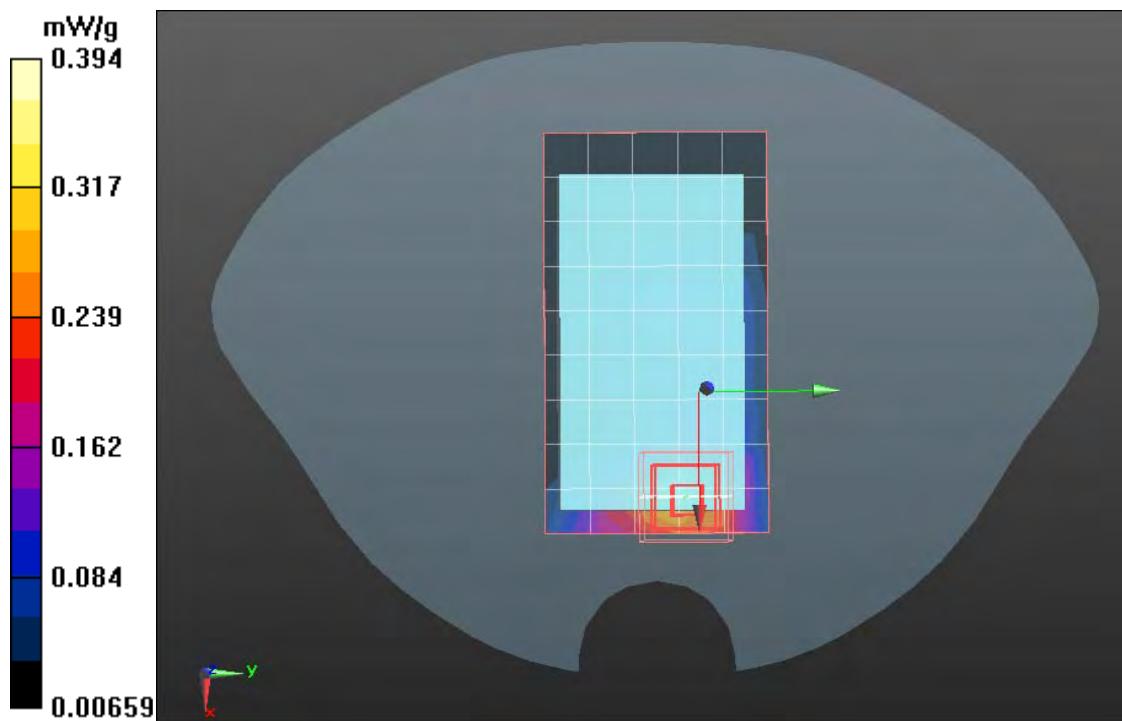
### **GPRS1900/GPRS1900 Body Up High CH810/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.373mW/g; SAR(10 g) = 0.278 mW/g**



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## **IEEE802.11b (WI-FI) Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band: IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB  
Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

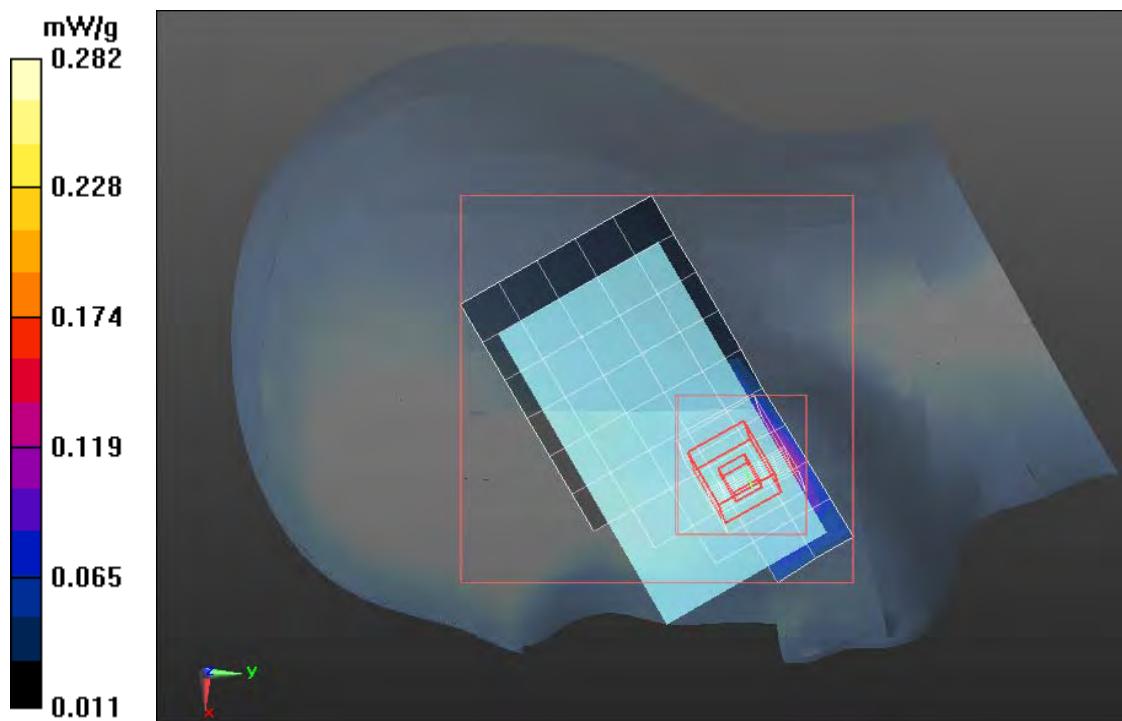
**IEEE802.11b (WI-FI)/ Right Head Cheek Low CH1/Area Scan (6x10x1):**  
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11b (WI-FI)/ Right Head Cheek Low CH1/Zoom Scan (8x8x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.239mW/g**



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### **IEEE802.11b (WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

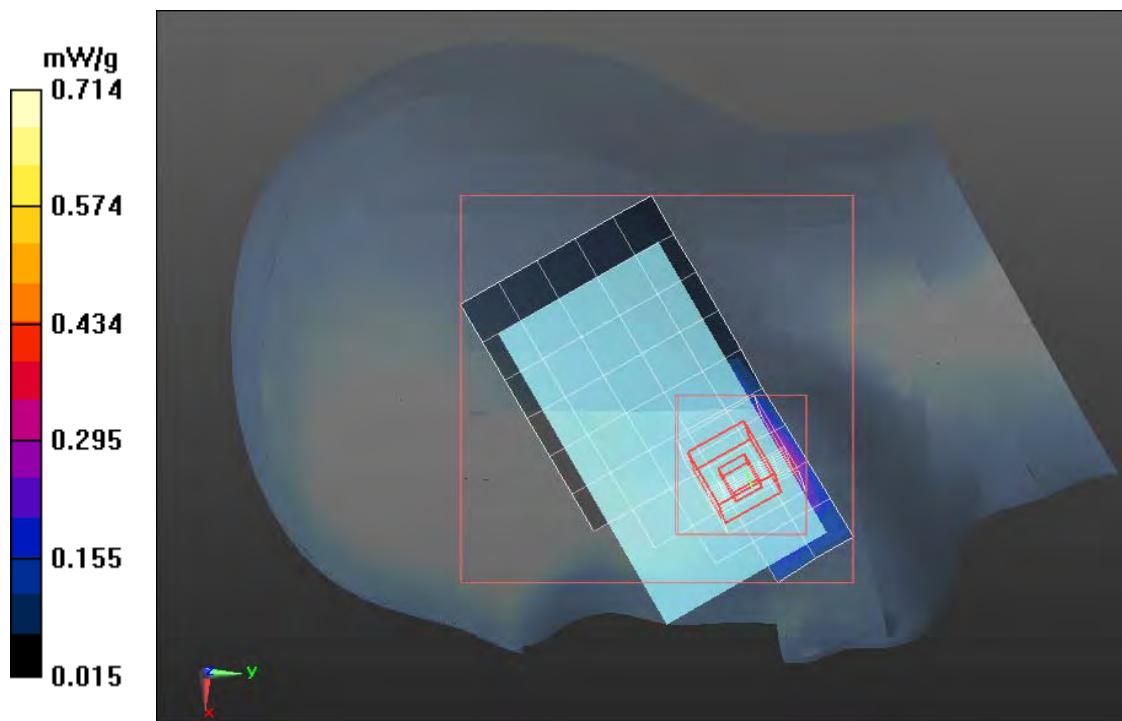
### **IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH6/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.225 mW/g**



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### **IEEE802.11b (WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

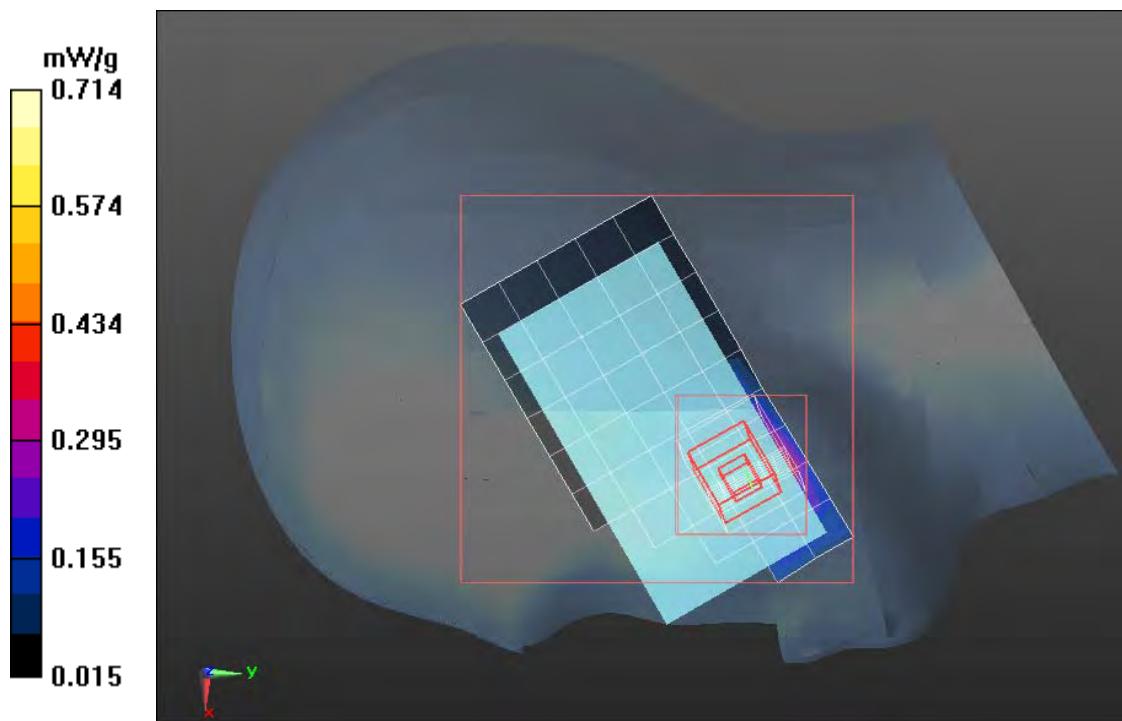
**IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH11/Area Scan  
(6x10x1):** Measurement grid: dx=15mm, dy=15mm

**IEEE802.11b (WI-FI)/ Right Head Cheek Middle CH11/Zoom Scan  
(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.356mW/g; SAR(10 g) = 0.268 mW/g**



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## **IEEE802.11b (WI-FI) Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/ Right Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

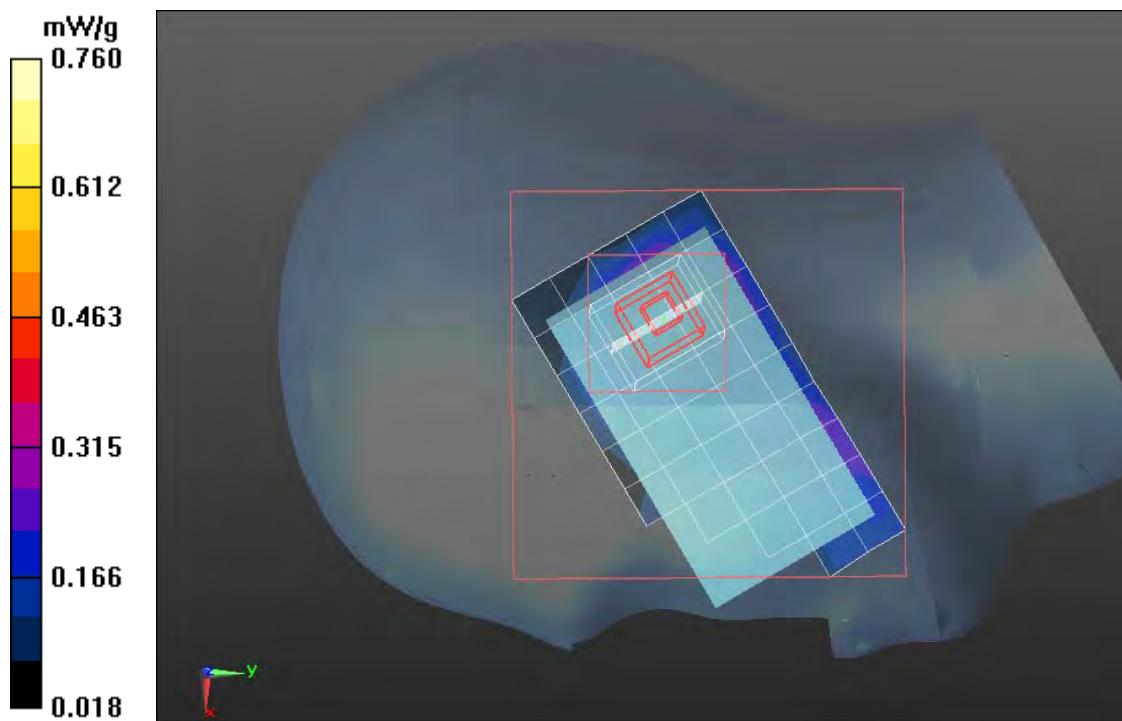
## **IEEE802.11b (WI-FI)/ Right Head Tilted Low CH1/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.259 mW/g**



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## **EEE802.11b (WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

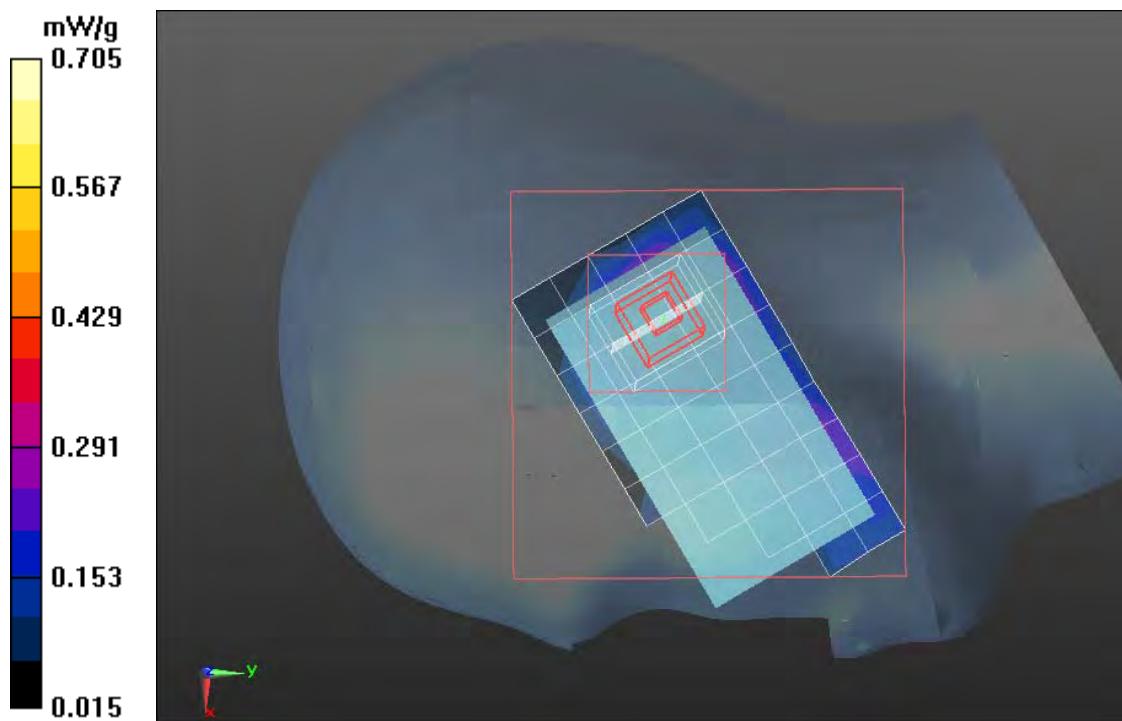
## **IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH6/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.257 mW/g**



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## **IEEE802.11b (WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

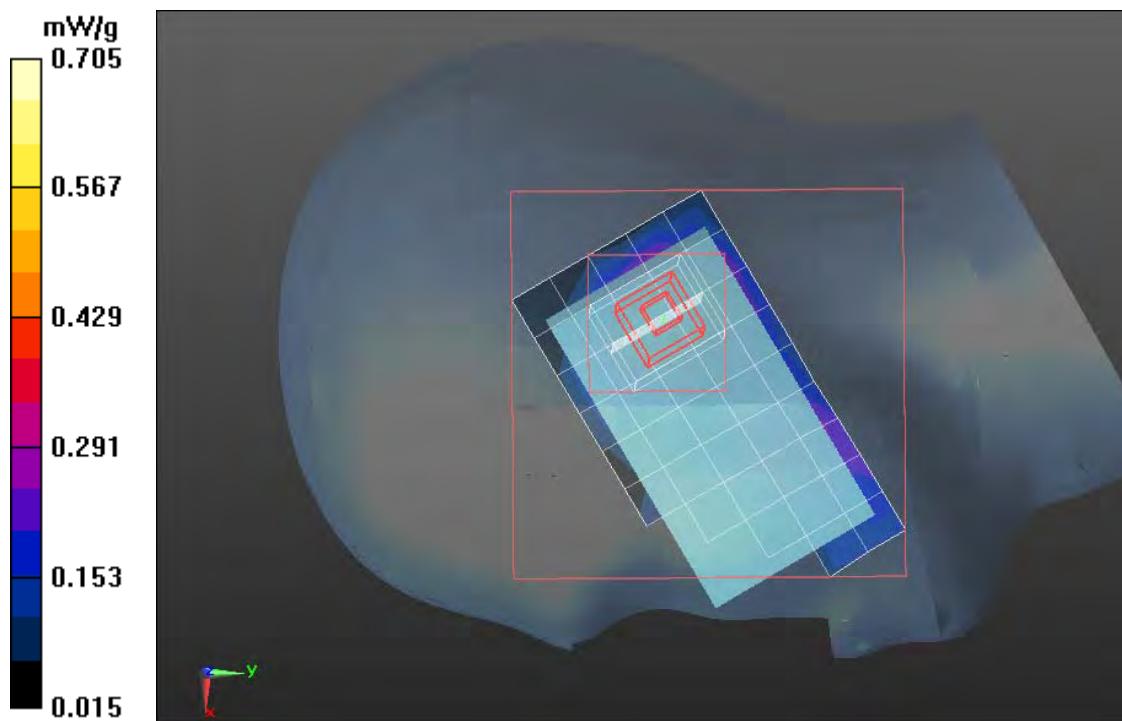
## **IEEE802.11b (WI-FI)/ Right Head Tilted Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.257 mW/g**



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## **IEEE802.11b (WI-FI) Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/ Left Head Cheek Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

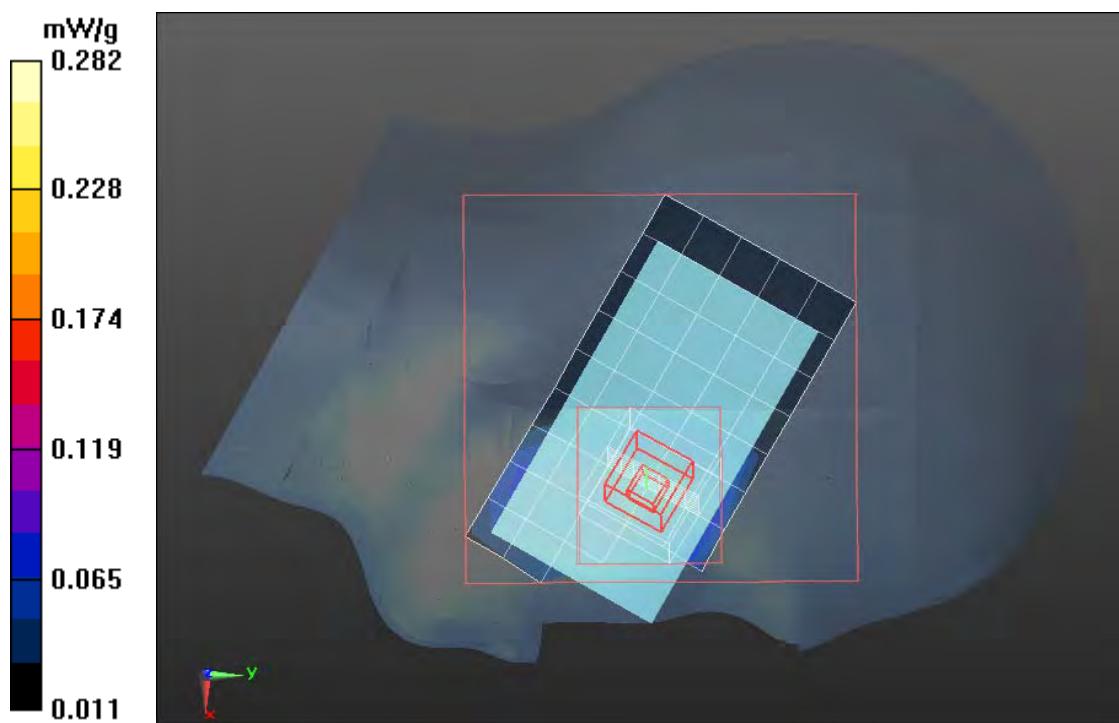
## **IEEE802.11b (WI-FI)/ Left Head Cheek Low CH1/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.239 mW/g**



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### **IEEE802.11b (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

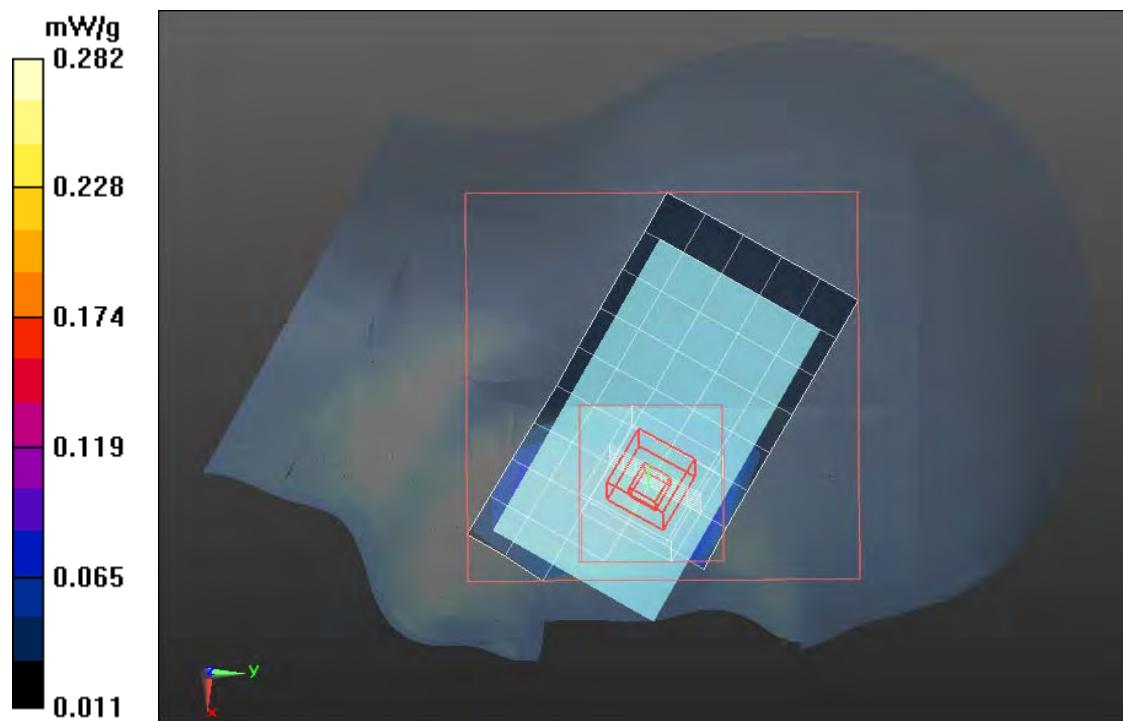
### **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH6/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.247 mW/g**



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## **IEEE802.11b (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

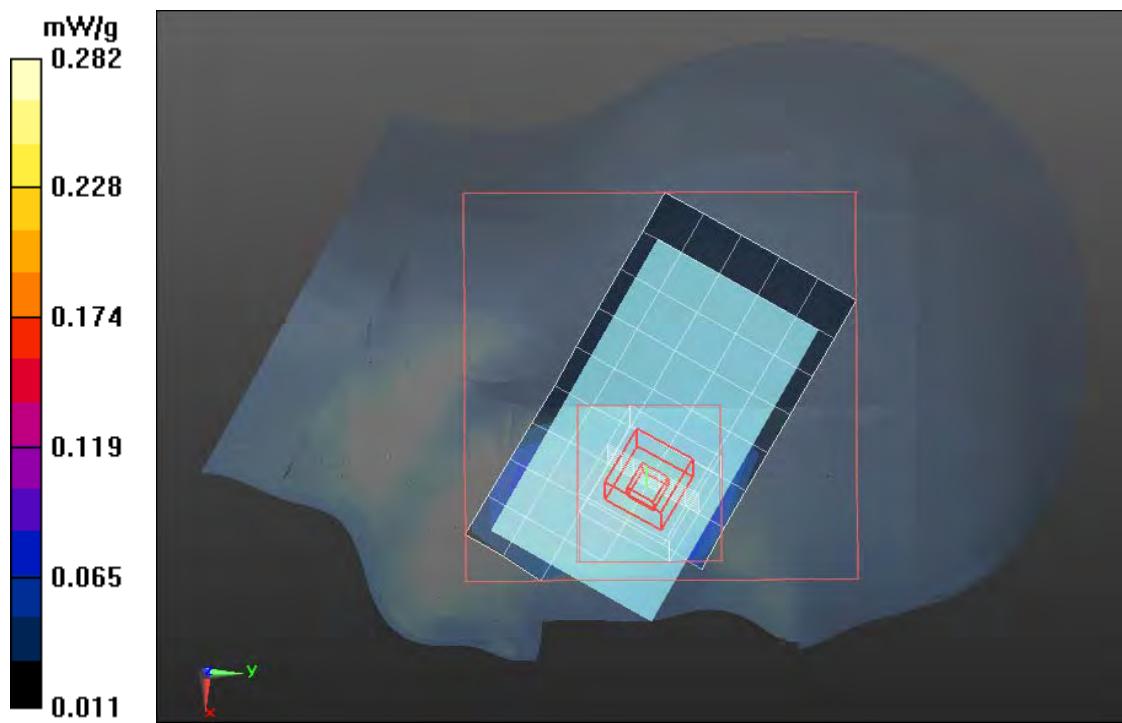
## **IEEE802.11b (WI-FI)/Left Head Cheek Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.351mW/g; SAR(10 g) = 0.247 mW/g**



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## **IEEE802.11b (WI-FI) Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Left Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

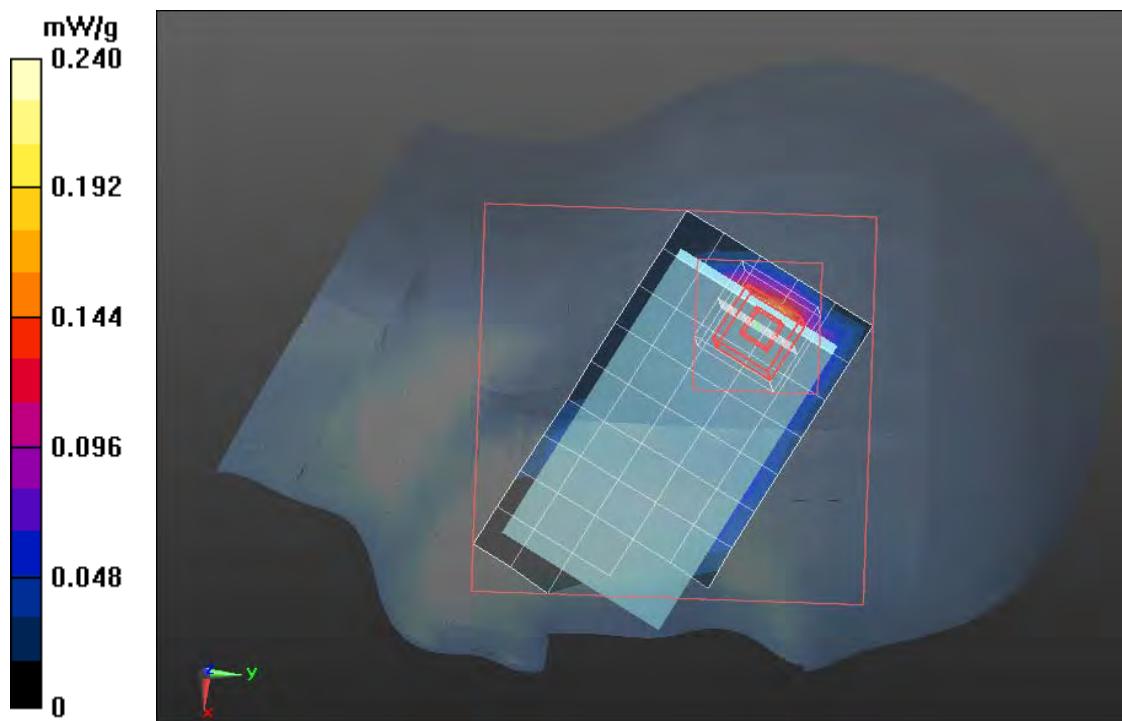
## **IEEE802.11b (WI-FI)/Left Head Tilted Low CH1/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.275 mW/g**



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**EEE802.11b (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band: IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB  
Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

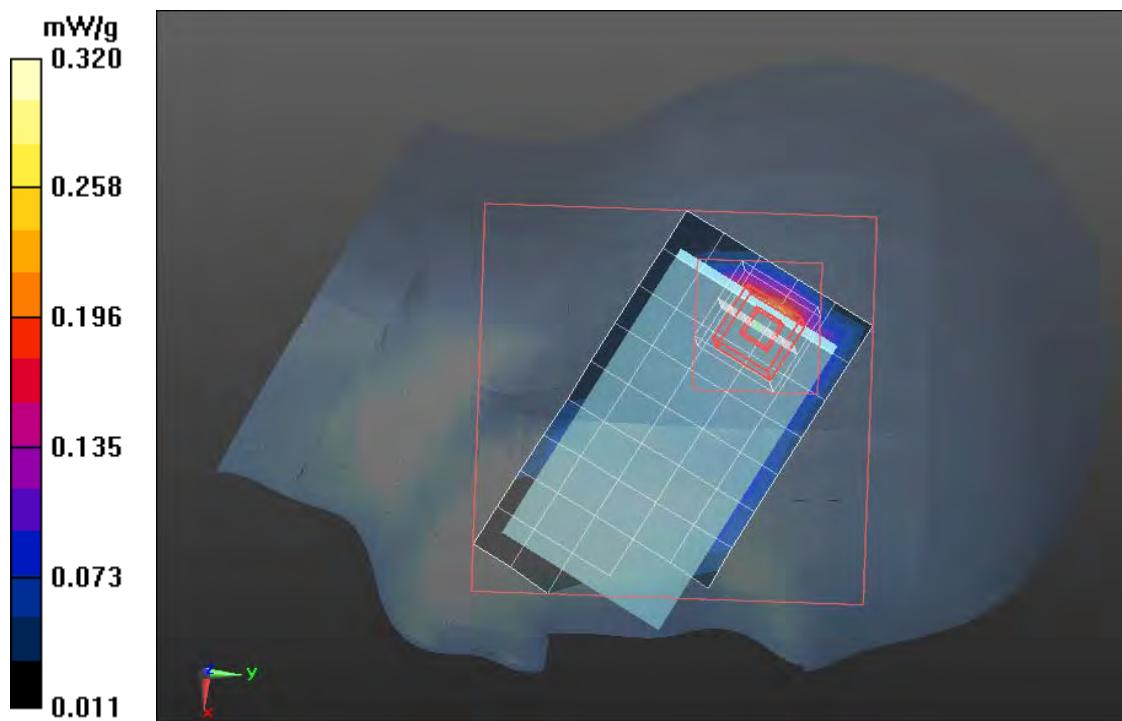
**IEEE802.11b (WI-FI)/Left Head Tilted Middle CH6/Area Scan (6x10x1):**  
Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**IEEE802.11b (WI-FI)/Left Head Tilted Middle CH6/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.257 mW/g**



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### **IEEE802.11b (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/Left Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

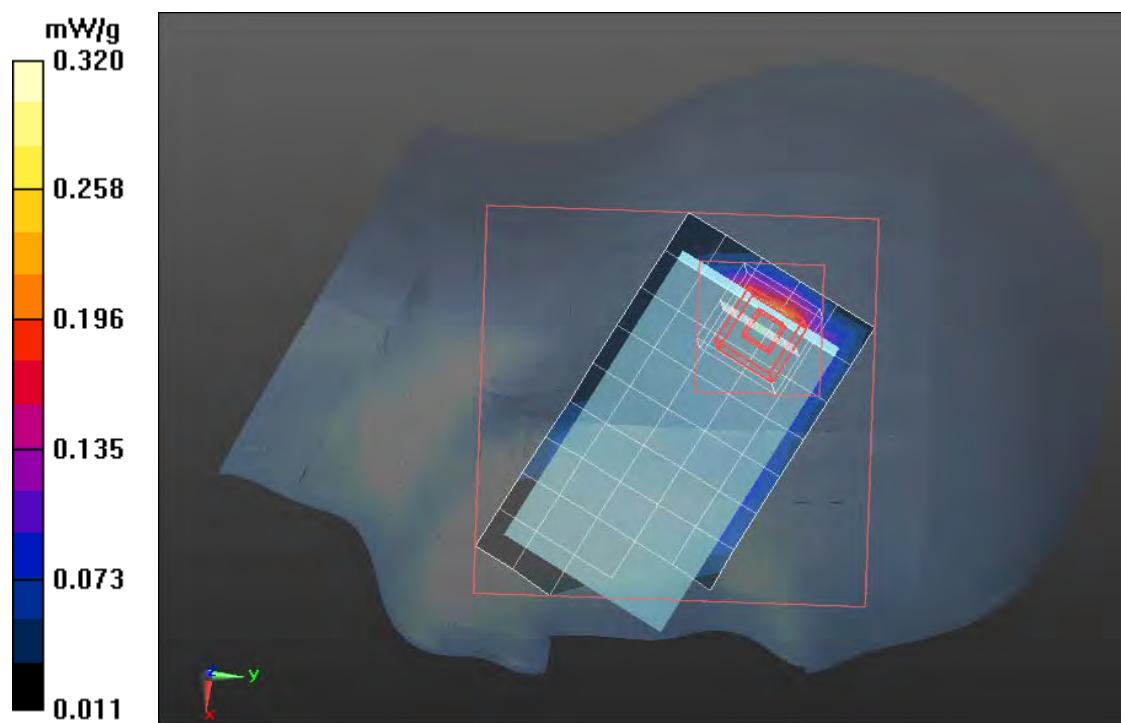
### **IEEE802.11b (WI-FI)/Left Head Tilted Middle CH11/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.286mW/g**



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## **IEEE802.11b (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Body Down Middle CH1/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

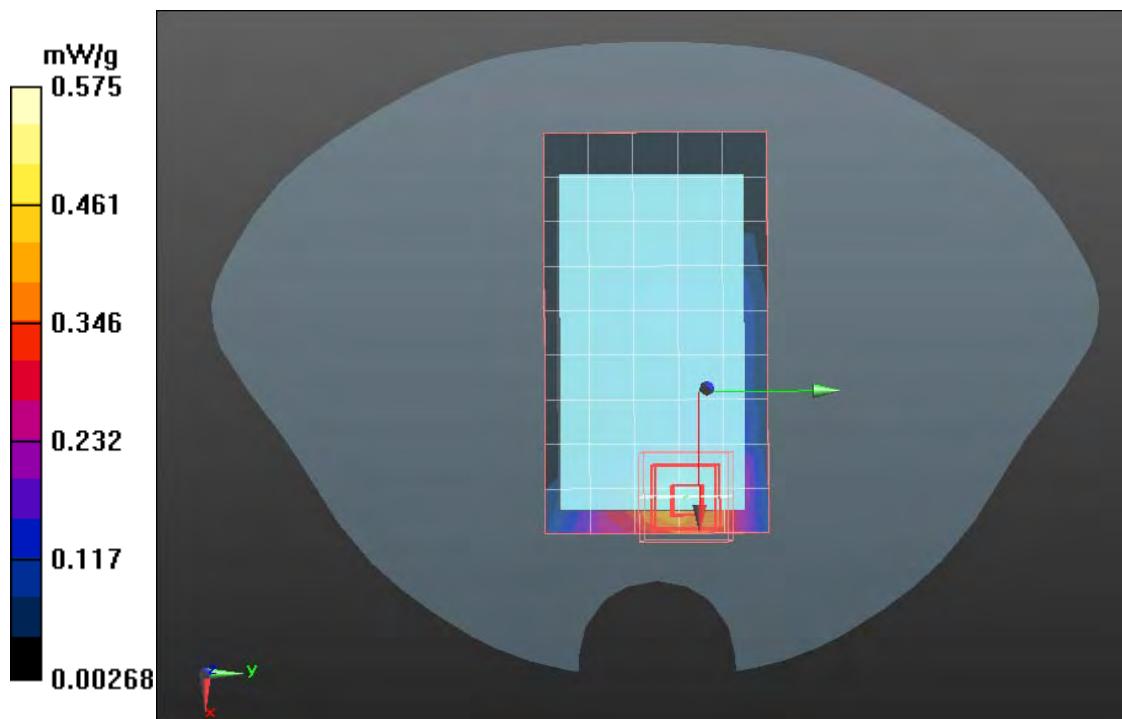
## **IEEE802.11b (WI-FI)/Body Down Middle CH1/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.361mW/g; SAR(10 g) = 0.257mW/g**



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**IEEE802.11b (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**IEEE802.11b (WI-FI)/Body Down Middle CH6/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

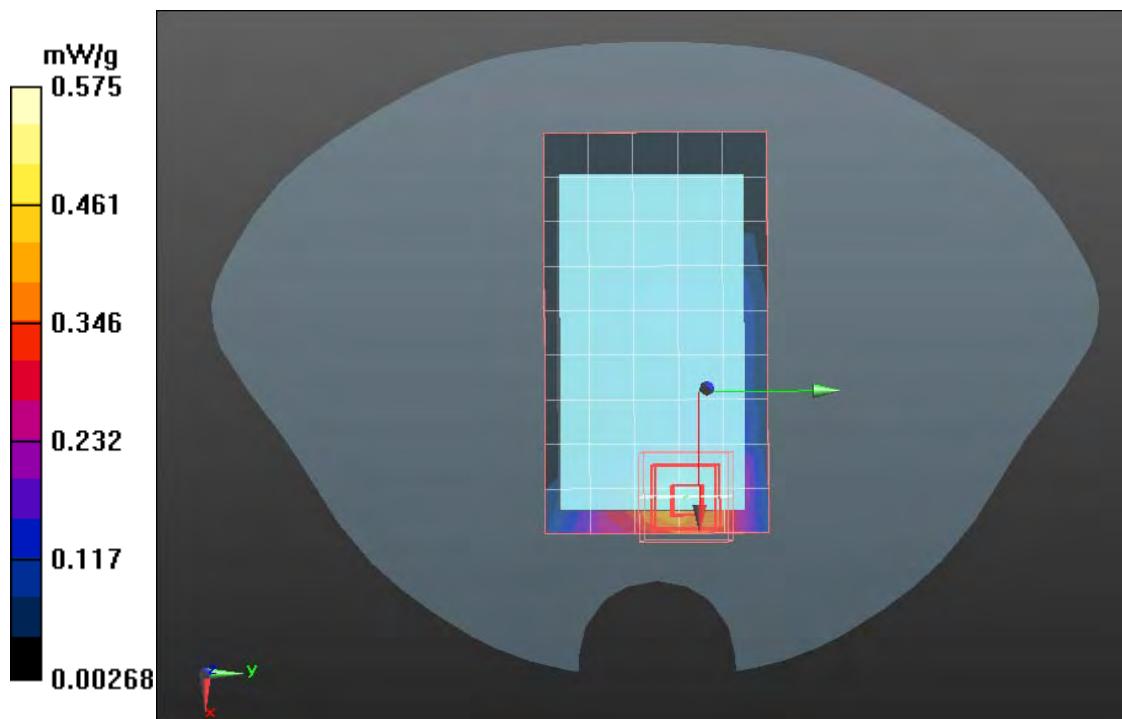
**IEEE802.11b (WI-FI)/Body Down Middle CH6/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.286 mW/g**



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## **IEEE802.11b (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Body Down HighCH11/Area Scan (5x10x1):**

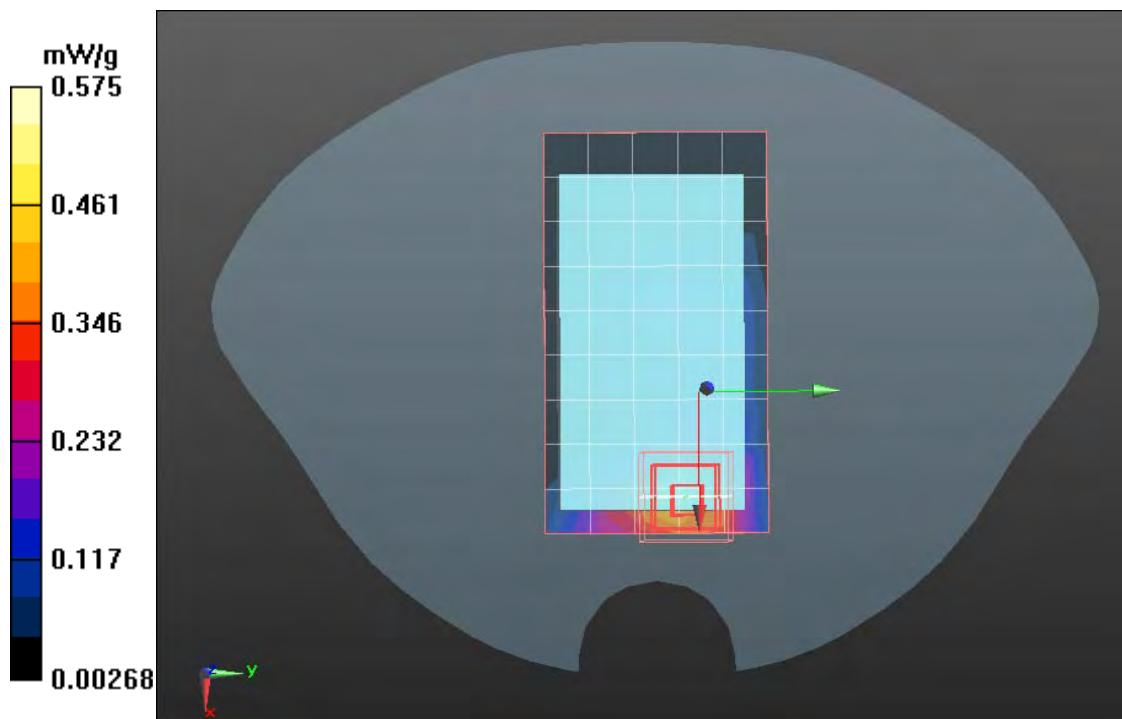
Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**IEEE802.11b (WI-FI)/Body Down High CH11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

**SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.227 mW/g**



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### **IEEE802.11b (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 52.70$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/Body Up Middle CH1/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

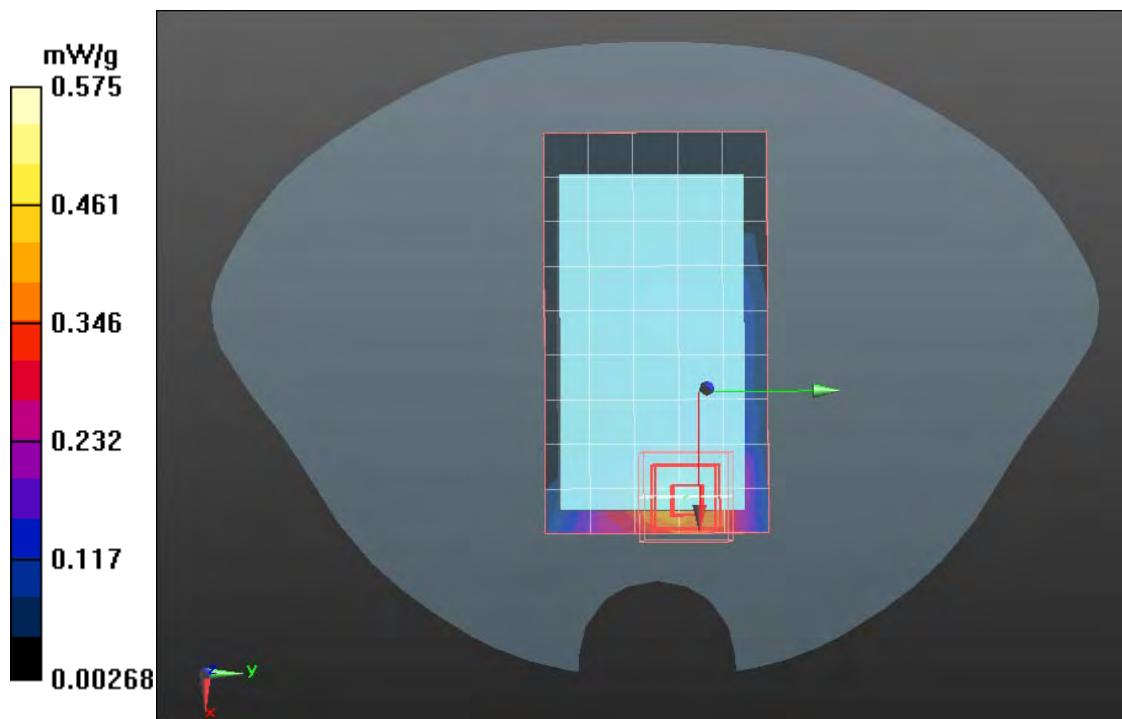
### **IEEE802.11b (WI-FI)/Body Up Middle CH1/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.260 mW/g**



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## **IEEE802.11b (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.97\text{ mho/m}$ ;  $\epsilon_r = 52.70$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11b (WI-FI)/Body Up Middle CH6/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

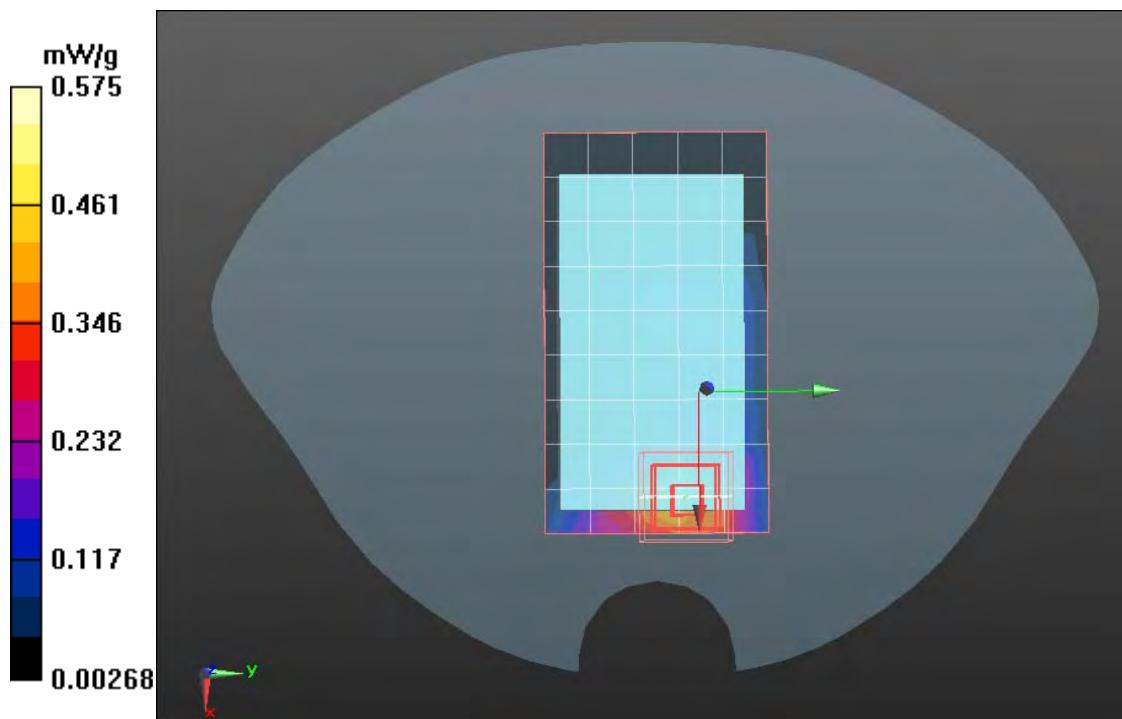
## **IEEE802.11b (WI-FI)/Body Up Middle CH6/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.242 mW/g**



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### **IEEE802.11b (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 52.70$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11b (WI-FI)/Body Up Middle CH11/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

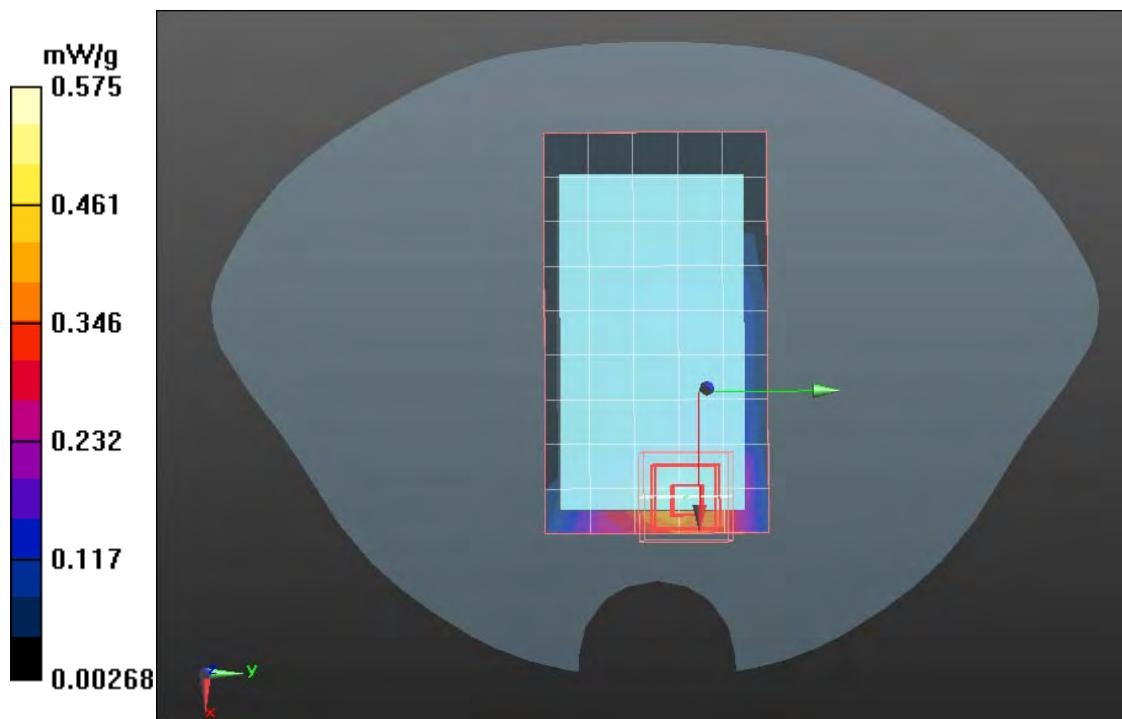
### **IEEE802.11b (WI-FI)/Body Up Middle CH11/Zoom Scan (5x5x7)/Cube**

**0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.239 mW/g**



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## **IEEE802.11g (WI-FI) Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/ Right Head Cheek Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

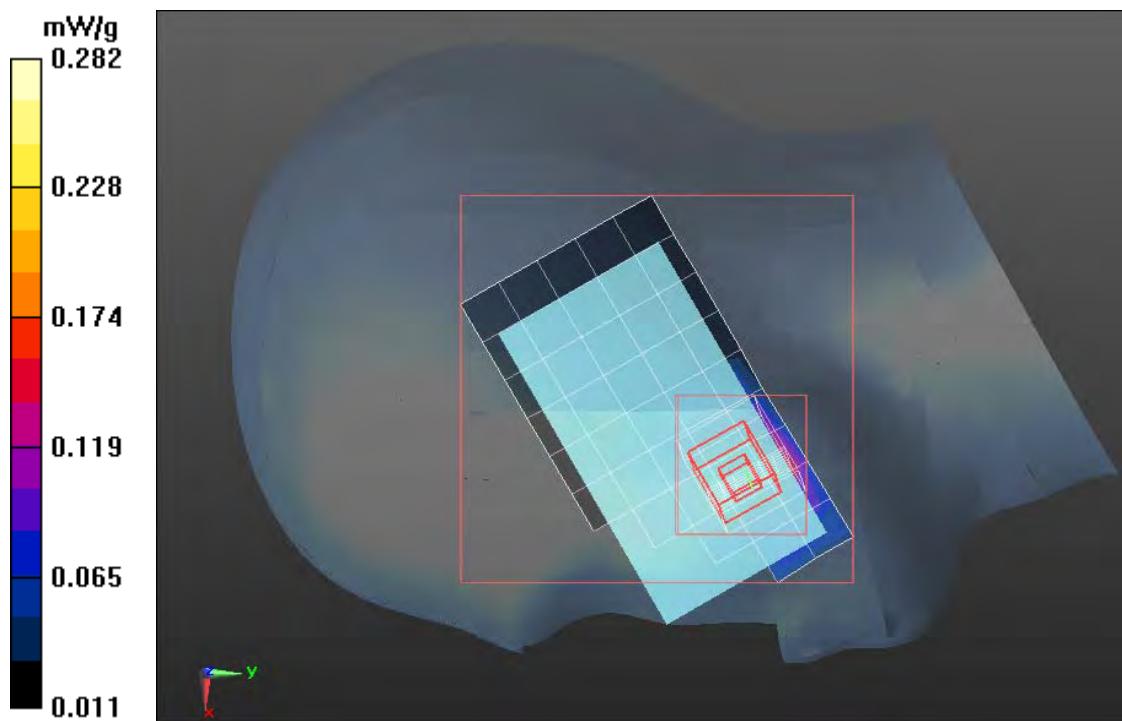
## **IEEE802.11g (WI-FI)/ Right Head Cheek Low CH1/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.259mW/g**



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### **IEEE802.11g (WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

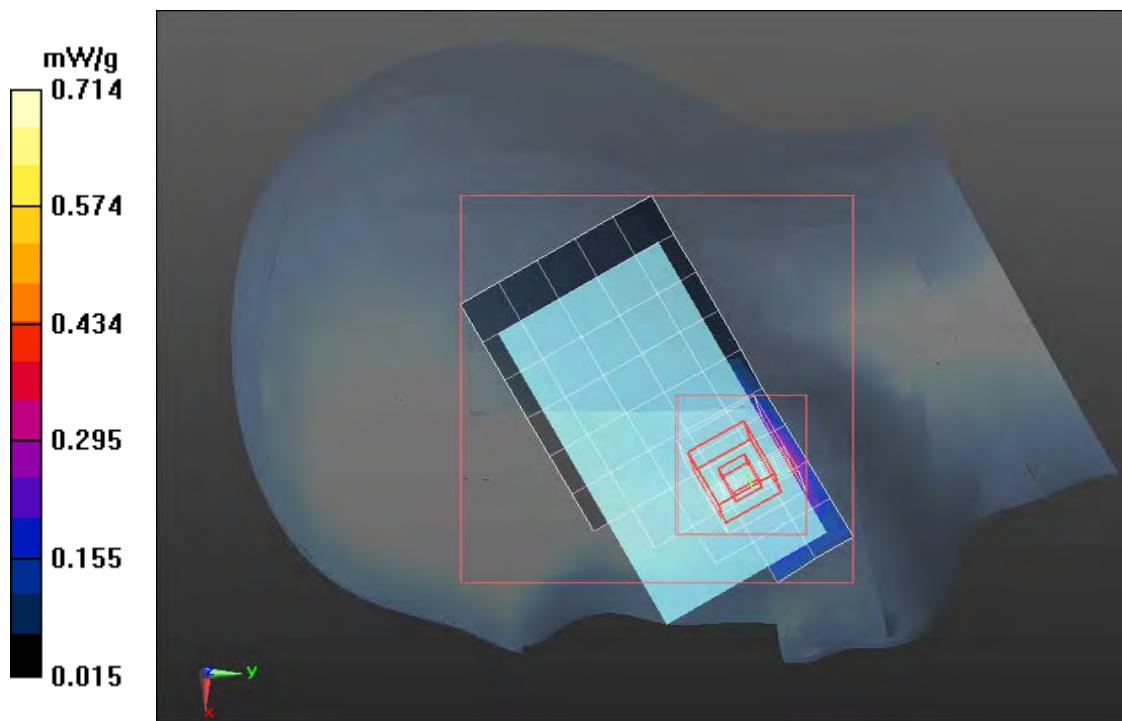
### **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH6/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.242 mW/g**



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## **IEEE802.11g (WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

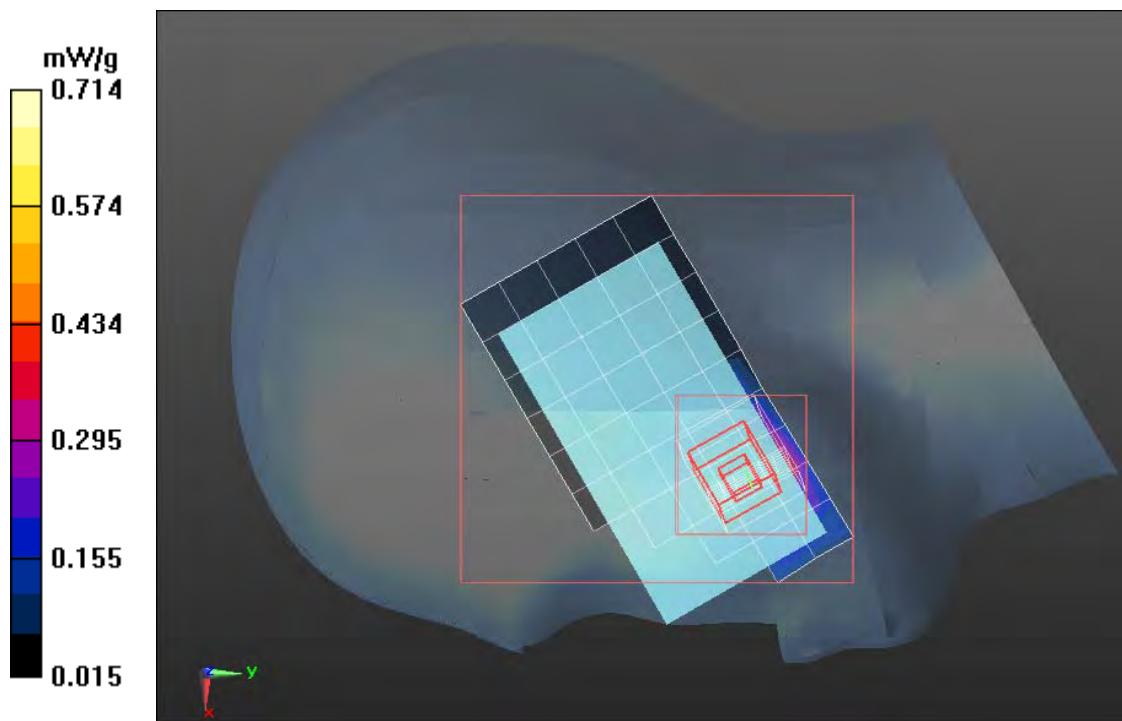
## **IEEE802.11g (WI-FI)/ Right Head Cheek Middle CH11/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.257 mW/g**



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**IEEE802.11g (WI-FI) Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**IEEE802.11g (WI-FI)/ Right Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

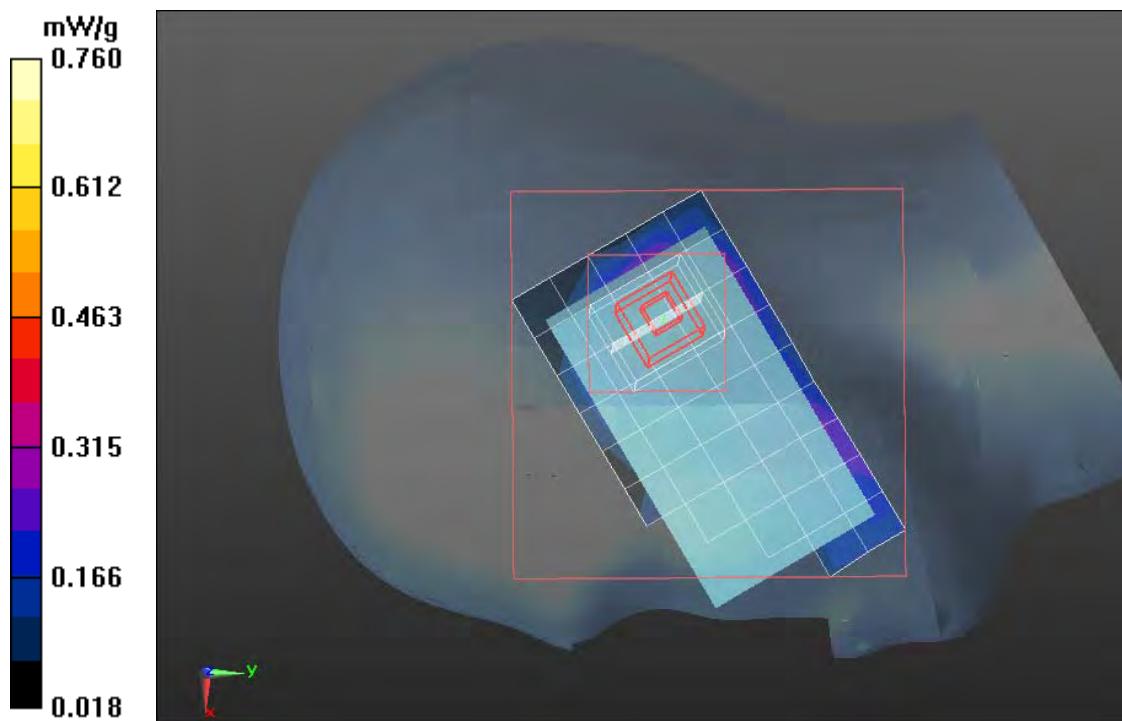
**IEEE802.11g (WI-FI)/ Right Head Tilted Low CH1/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.233 mW/g**



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**EEE802.11g(WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH6/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

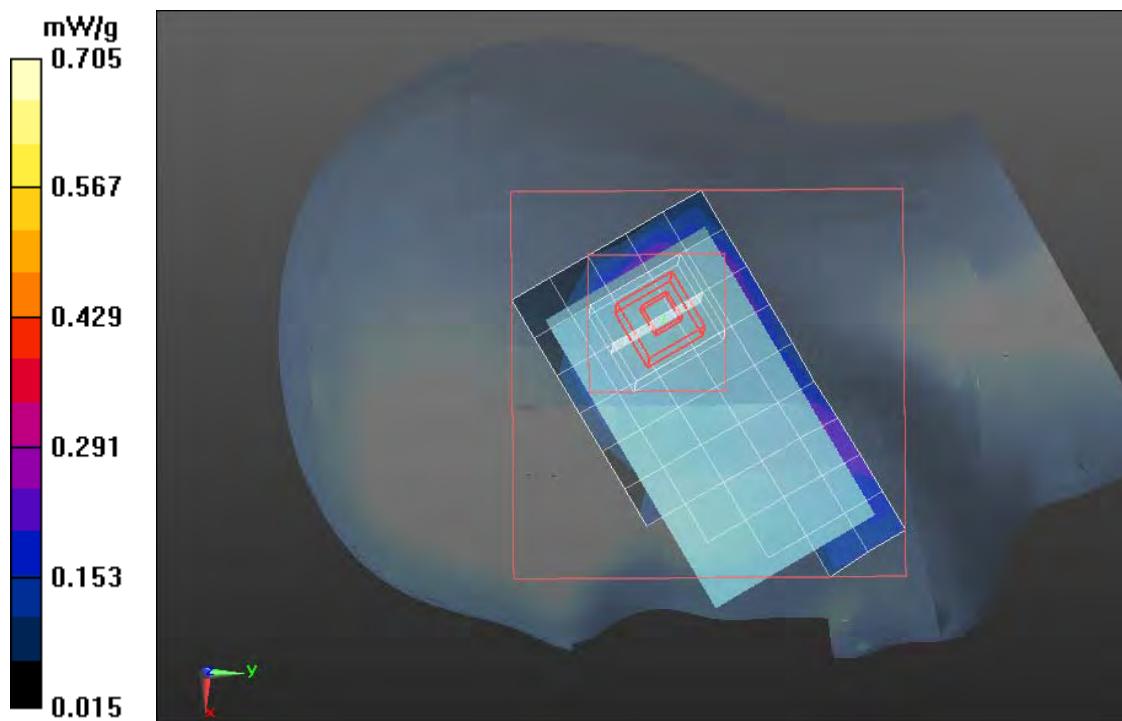
**IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH6/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.211mW/g**



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### **IEEE802.11g (WI-FI)- Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

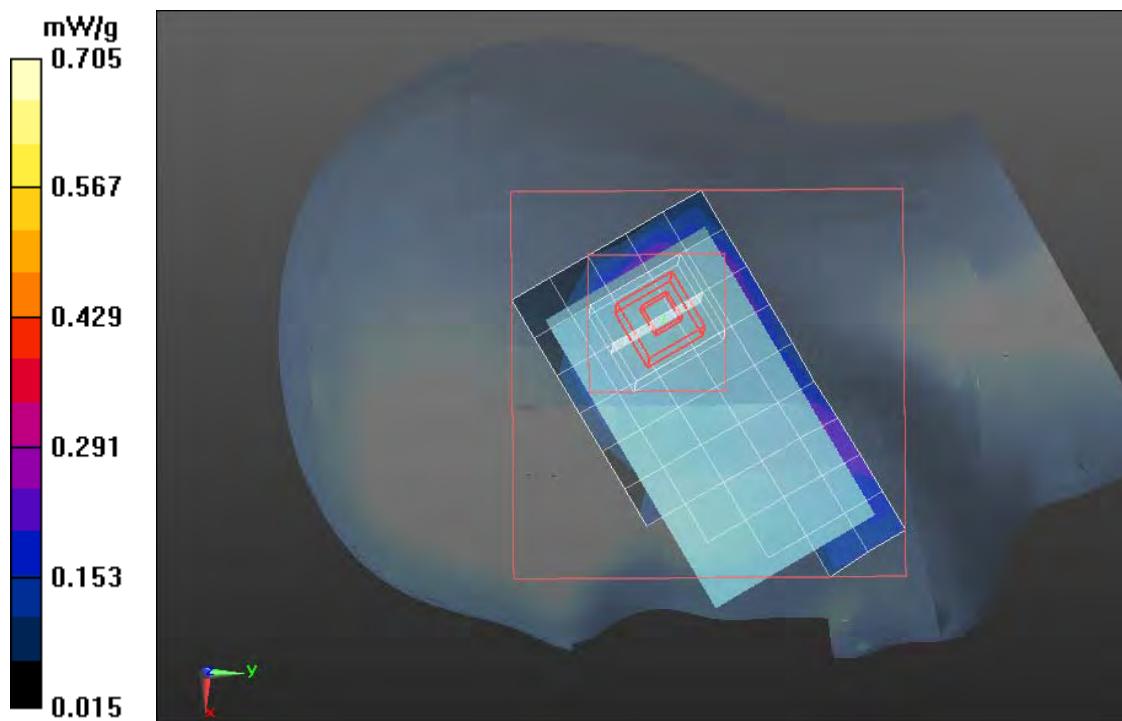
### **IEEE802.11g (WI-FI)/ Right Head Tilted Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.205 mW/g**



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### **IEEE802.11g (WI-FI) Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/ Left Head Cheek Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

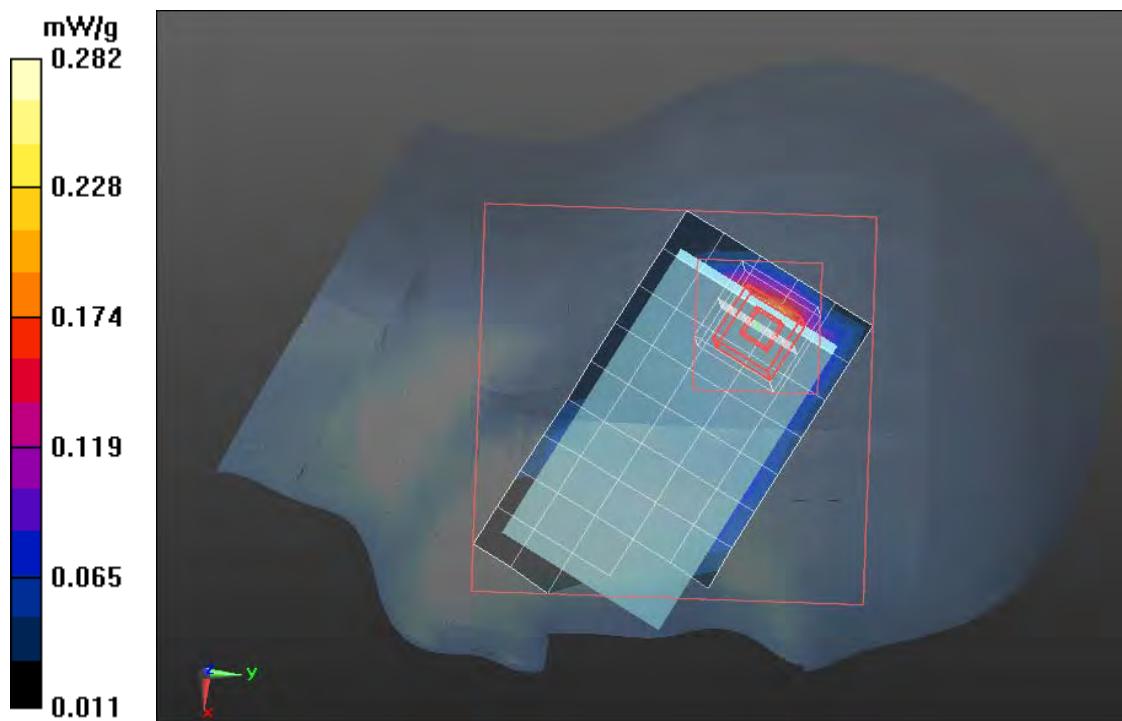
### **IEEE802.11g (WI-FI)/ Left Head Cheek Low CH1/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.284 mW/g**



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Test Laboratory: Compliance Certification Services Inc.

## **IEEE802.11g (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH6/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

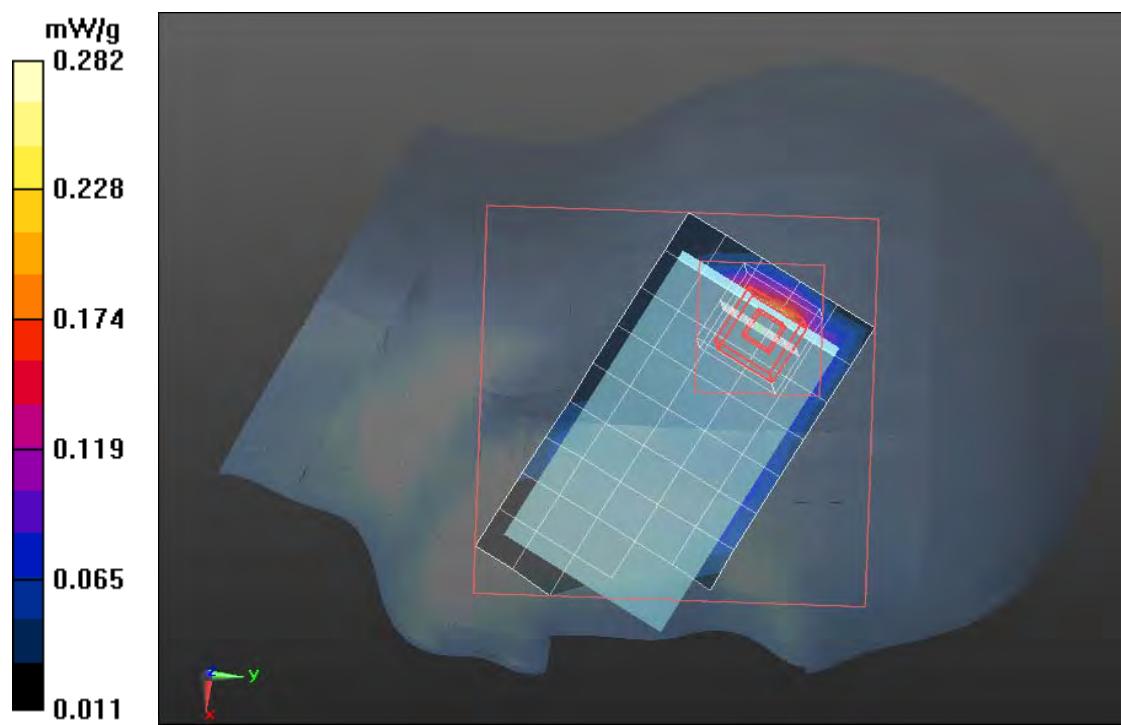
## **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH6/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.239mW/g**



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Test Laboratory: Compliance Certification Services Inc.

## **IEEE802.11g (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

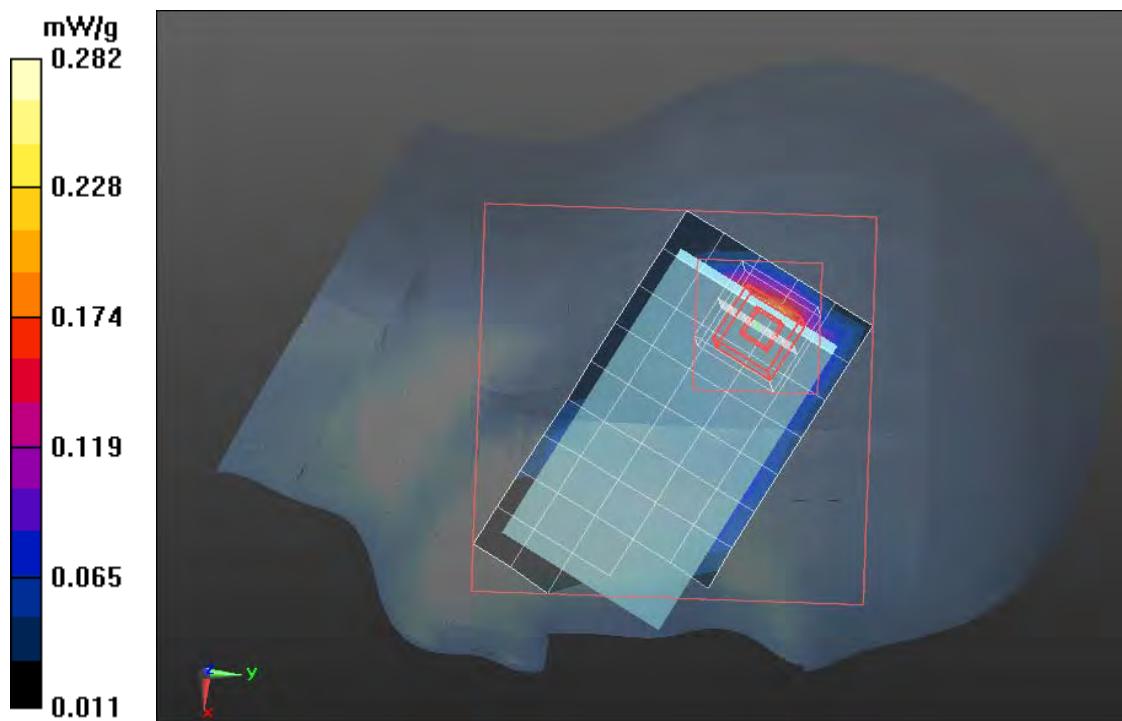
## **IEEE802.11g (WI-FI)/Left Head Cheek Middle CH11/Zoom Scan**

**(8x8x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.257mW/g**



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### **IEEE802.11g (WI-FI) Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2412.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2412.0 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **IEEE802.11g (WI-FI)/Left Head Tilted Low CH1/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

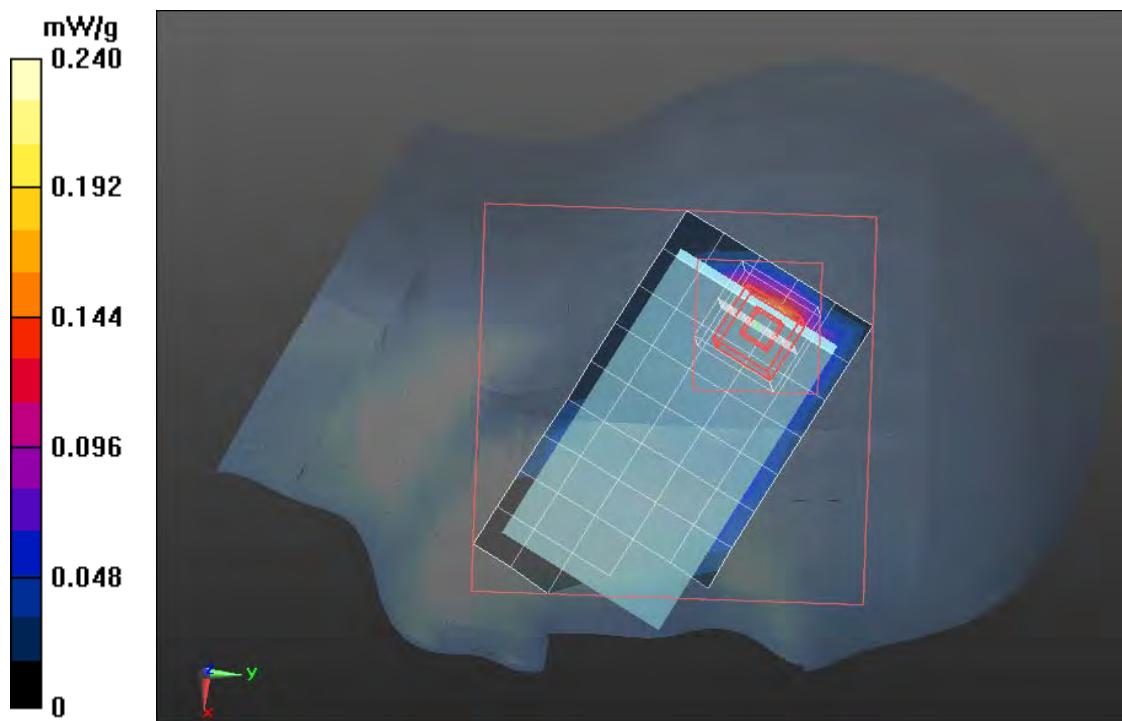
### **IEEE802.11g (WI-FI)/Left Head Tilted Low CH1/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.257 mW/g**



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## **EEE802.11g (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2437.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2437.0 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 38.17$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH6/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

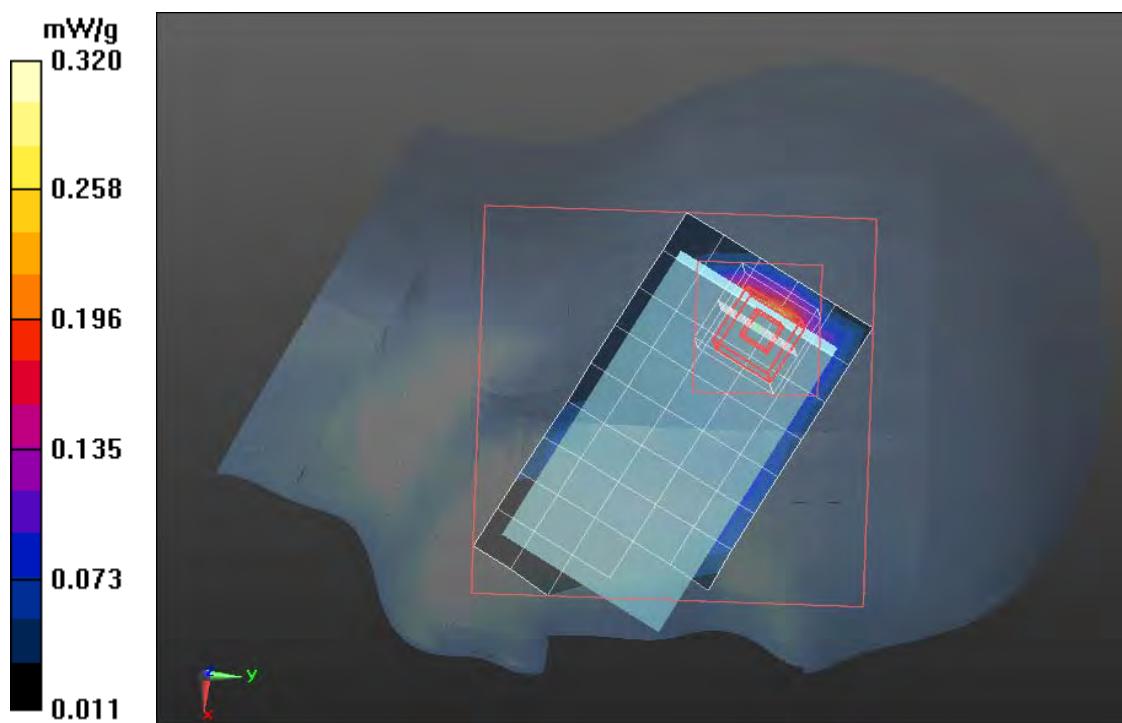
## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH6/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.243 mW/g**



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## **IEEE802.11g (WI-FI)-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

IEEE802.11b (WI-FI) (2412.0 – 2462.0 MHz); Frequency: 2462.0

MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 2462.0 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.15$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH11/Area Scan**

**(6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

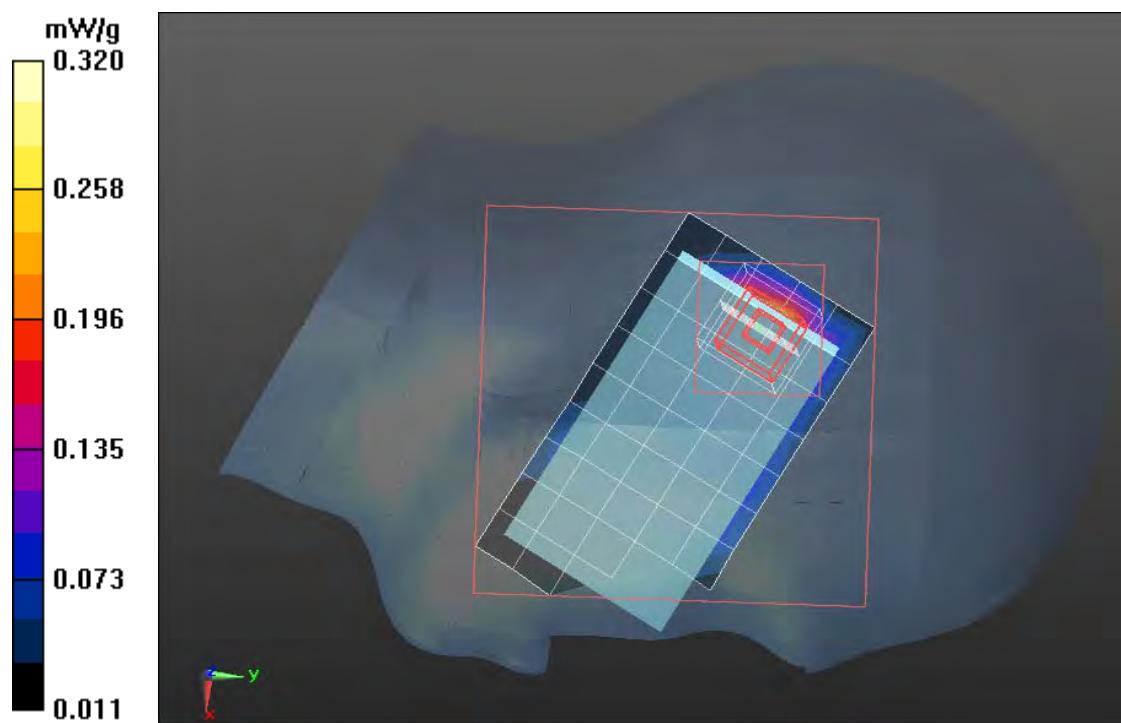
## **IEEE802.11g (WI-FI)/Left Head Tilted Middle CH11/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.296mW/g**



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**IEEE802.11g (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**IEEE802.11g (WI-FI)/Body Down Middle CH1/Area Scan (5x10x1):**

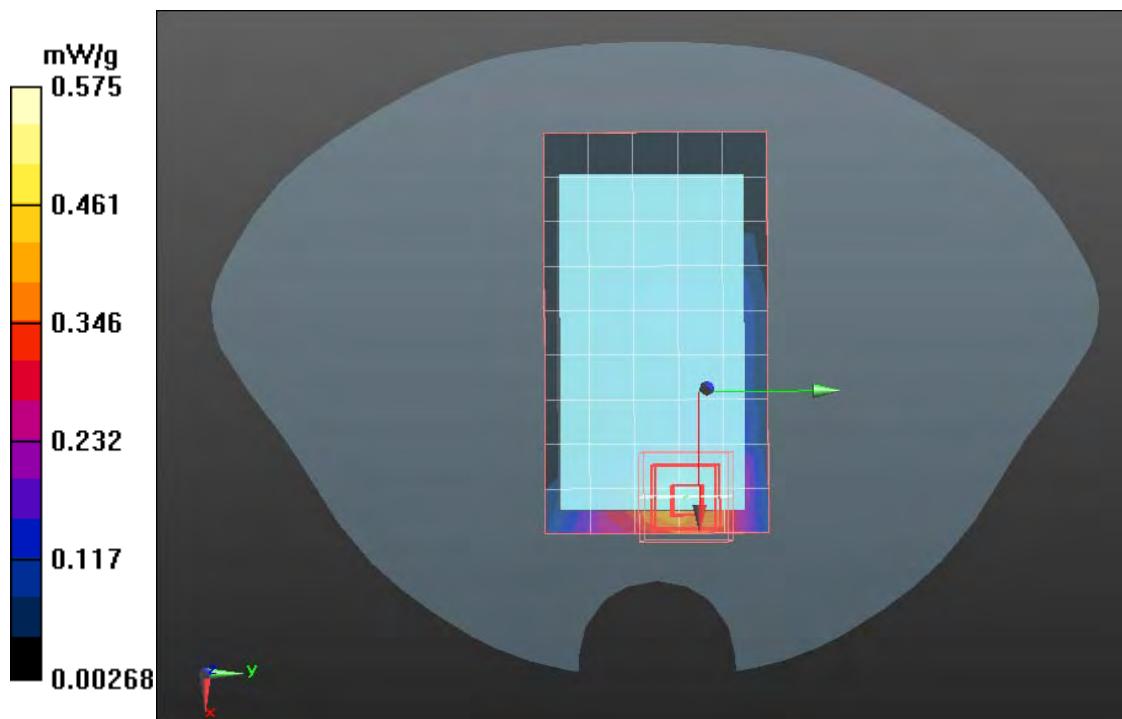
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11g (WI-FI)/Body Down Middle CH1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.256 mW/g**



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**IEEE802.11g (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.95\text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**IEEE802.11g (WI-FI)/Body Down Middle CH6/Area Scan (5x10x1):**

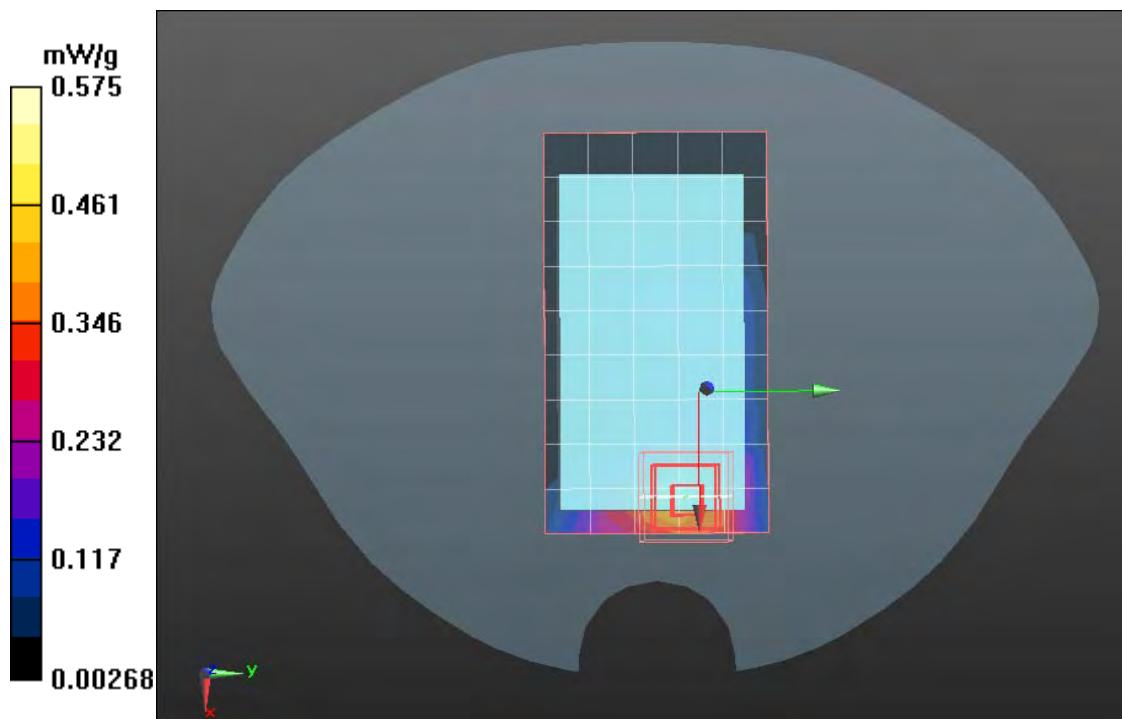
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11g (WI-FI)/Body Down Middle CH6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.254 mW/g**



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**IEEE802.11g (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**IEEE802.11g (WI-FI)/Body Down Middle CH11/Area Scan (5x10x1):**

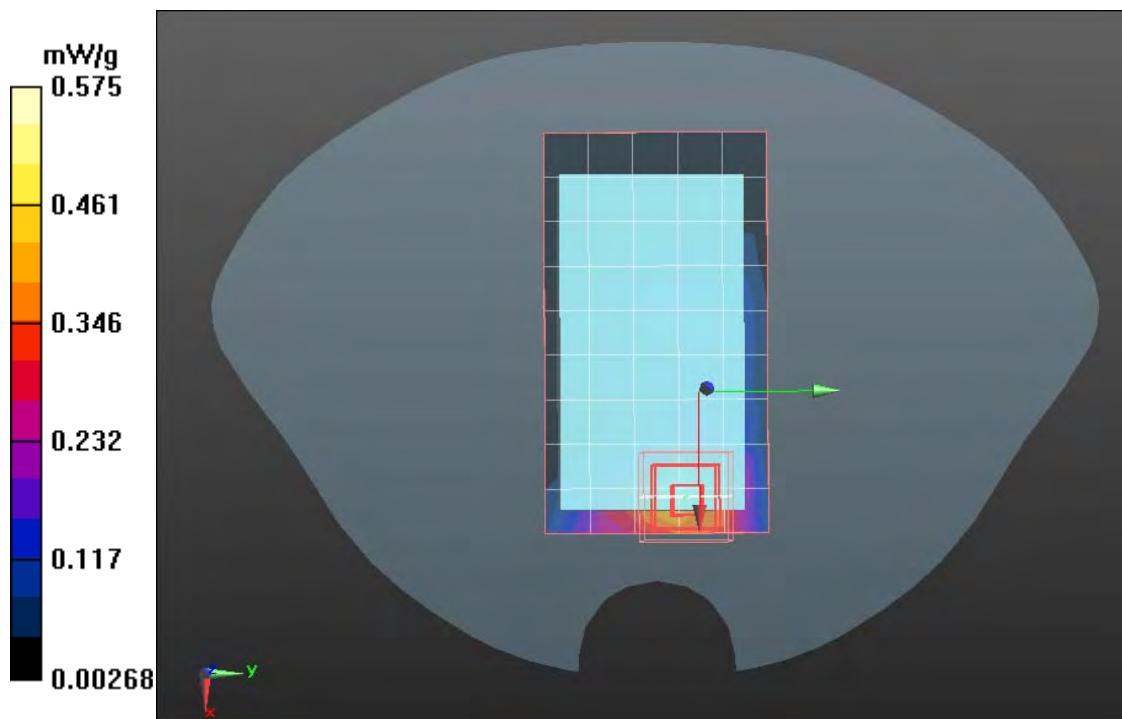
Measurement grid: dx=15mm, dy=15mm

**IEEE802.11g (WI-FI)/Body Down Middle CH11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.255mW/g**



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## **IEEE802.11g (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2412.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2412.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Body Up Middle CH1/Area Scan (5x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

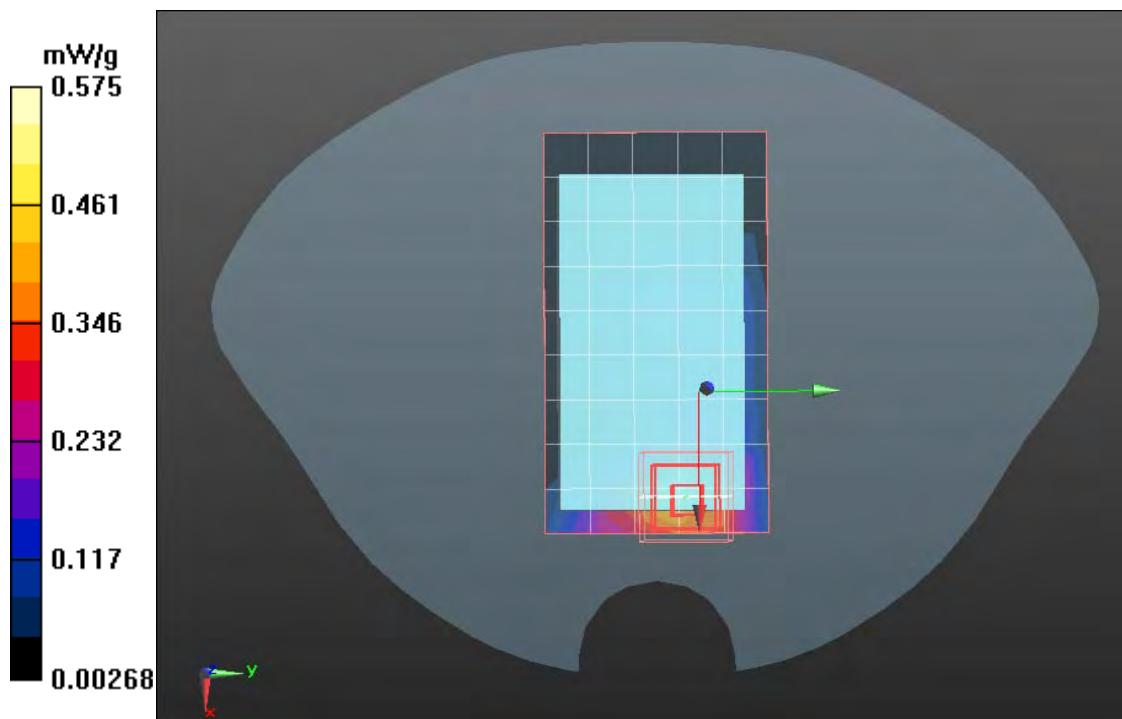
## **IEEE802.11g (WI-FI)/Body Up Middle CH1/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

**SAR(1 g) = 0.347mW/g; SAR(10 g) = 0.262 mW/g**



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## **IEEE802.11g (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2437.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2437.0\text{MHz}$ ;  $\sigma = 1.95\text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Body Up Middle CH6/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

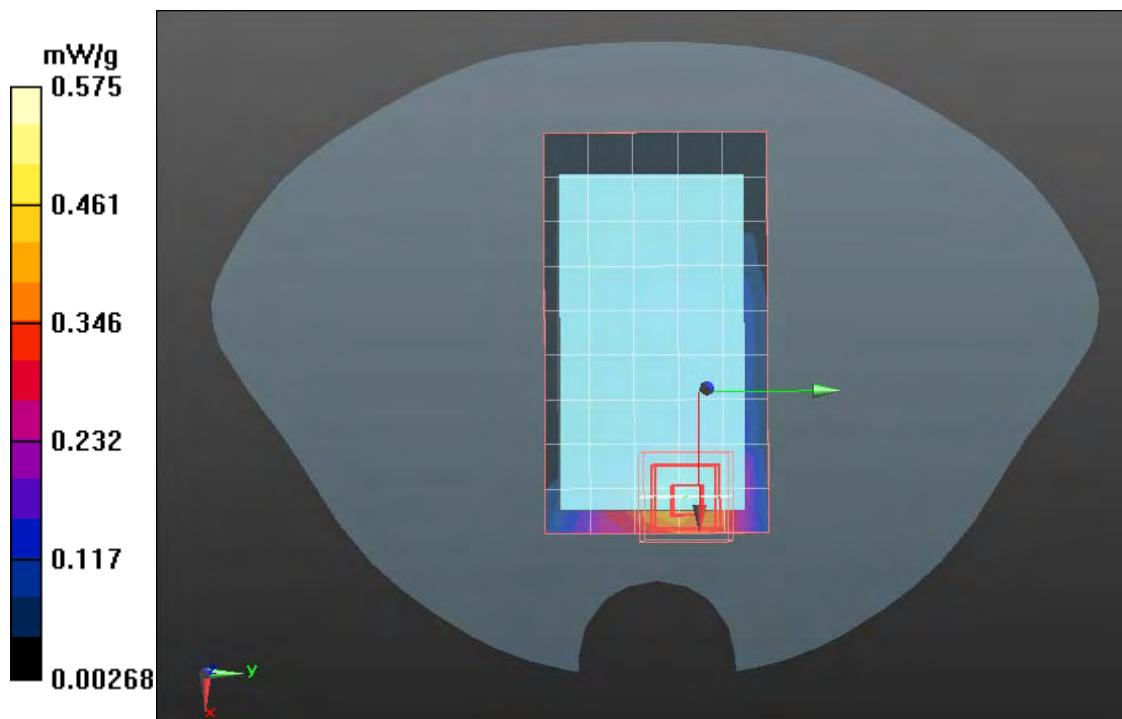
## **IEEE802.11g (WI-FI)/Body Up Middle CH6/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.251 mW/g**



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## **IEEE802.11g (WI-FI)-Body Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic wireless; Communication System Band:

**IEEE802.11b (WI-FI)** (2412.0 – 2462.0 MHz); Frequency: 2462.0 MHz; Communication System PAR: 9.191 dB

Medium parameters used (interpolated):  $f = 2462.0\text{MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 52.36$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **IEEE802.11g (WI-FI)/Body Up Middle CH11/Area Scan (5x10x1):**

Measurement grid: dx=15mm, dy=15mm

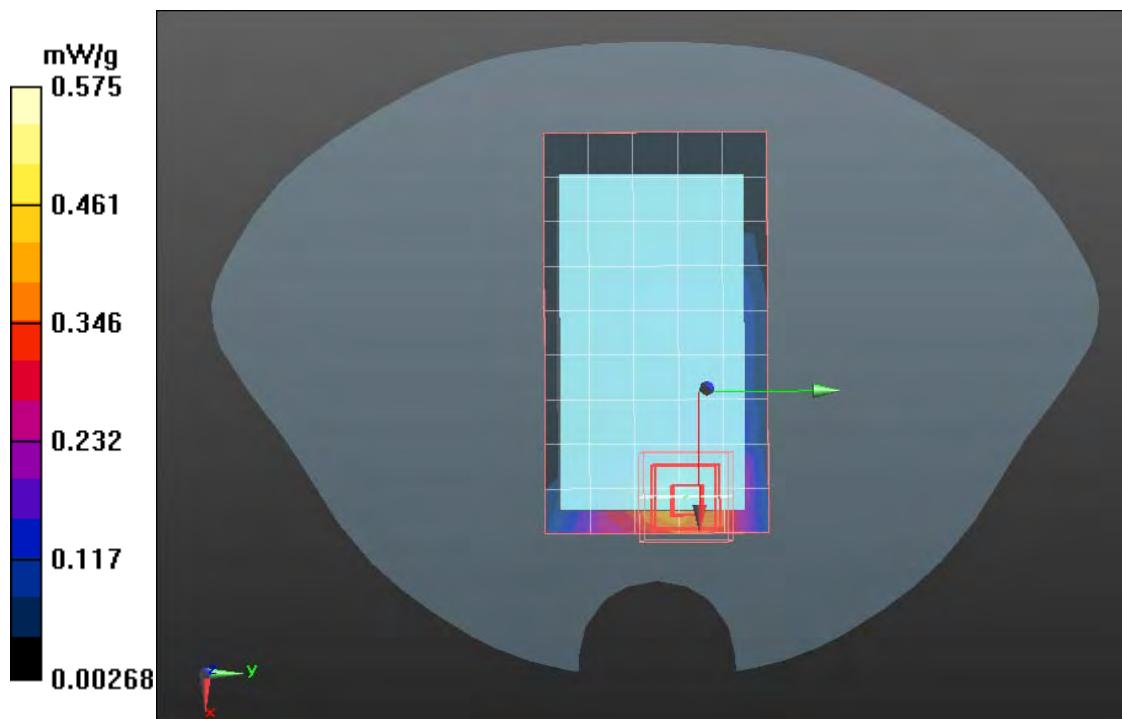
## **IEEE802.11g (WI-FI)/Body Up Middle CH11/Zoom Scan (5x5x7)/Cube**

**0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.259 mW/g**



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### GSM 850-Right Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### GSM850/Right Head Cheek Low CH128/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

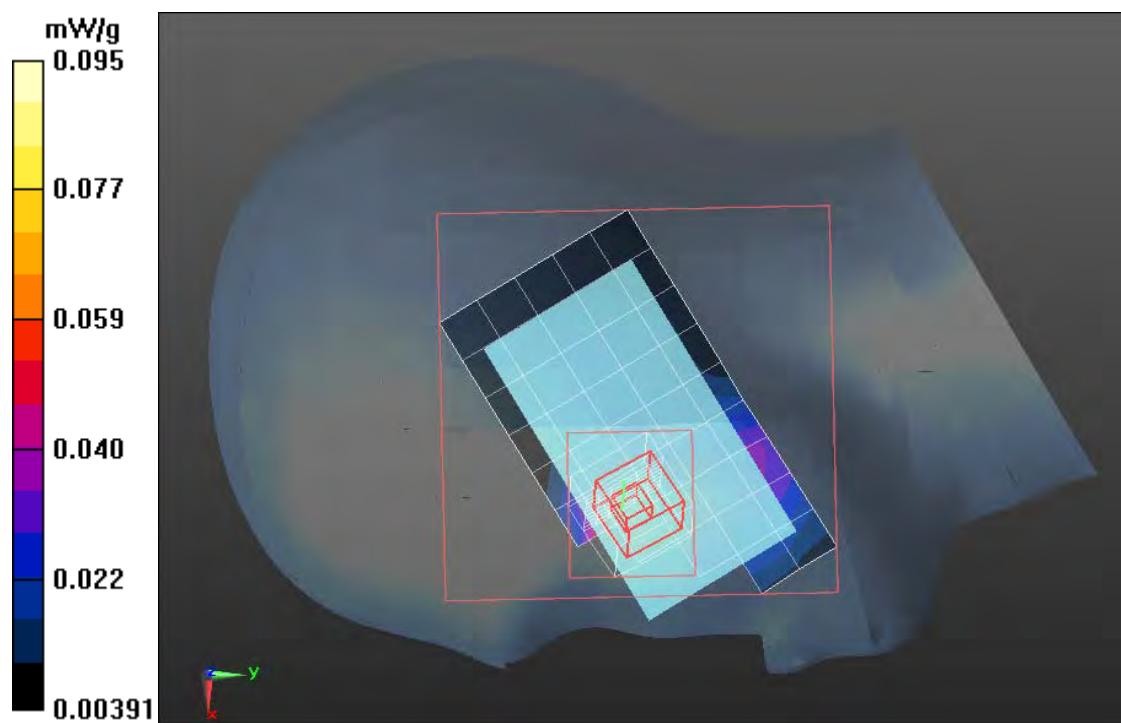
### GSM850/Right Head Cheek Low CH128/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.263 mW/g**



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## GSM 850-Right Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GSM850/Right Head Cheek Middle CH189/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

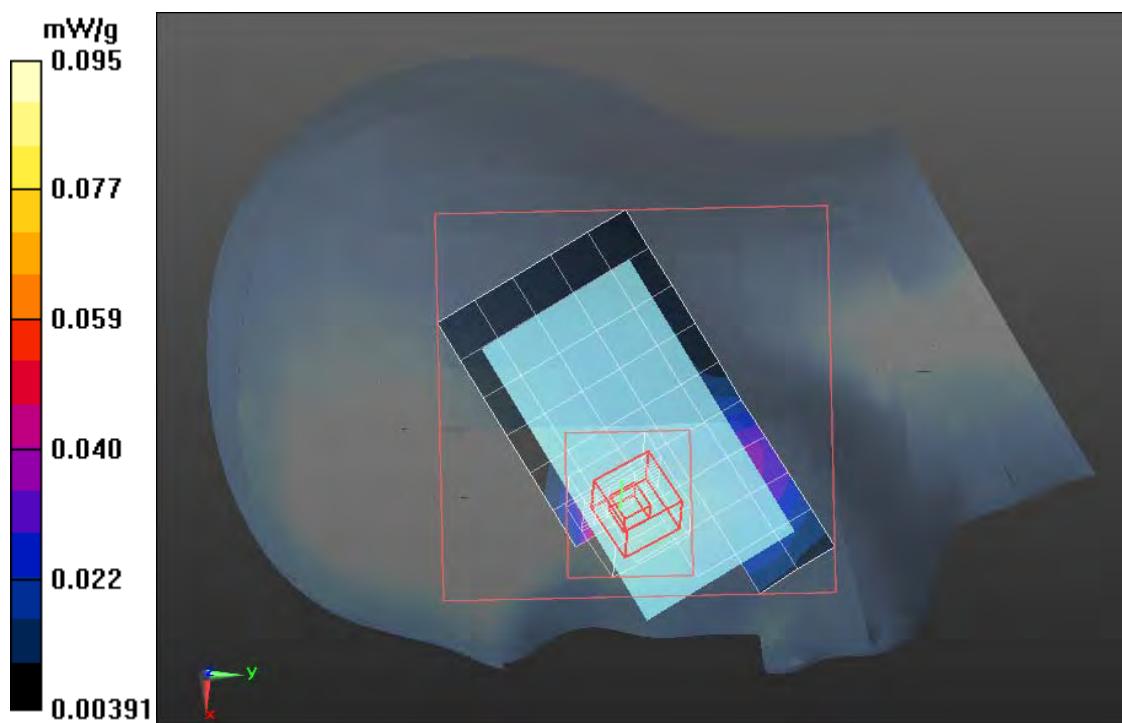
## GSM850/Right Head Cheek Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.251 mW/g**



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### GSM 850-Right Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### GSM850/Right Head Cheek High CH251/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

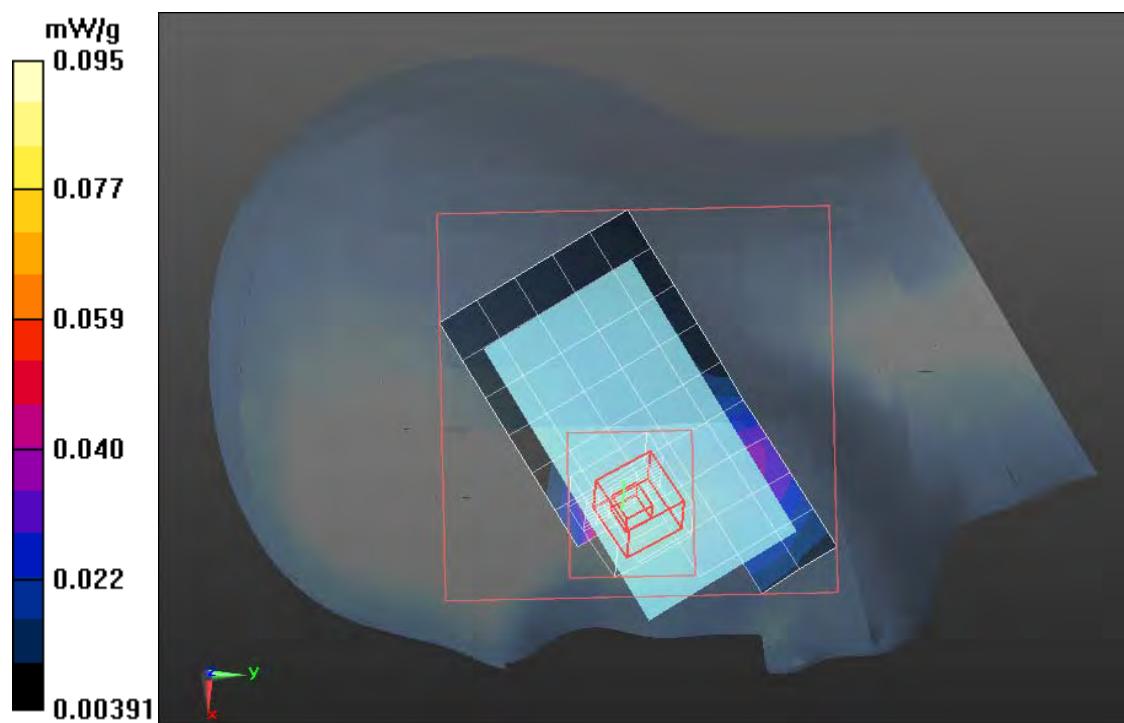
### GSM850/Right Head Cheek High CH251/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.257 mW/g**



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### GSM 850-Right Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### GSM850/Right Head Tilted Low CH128/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

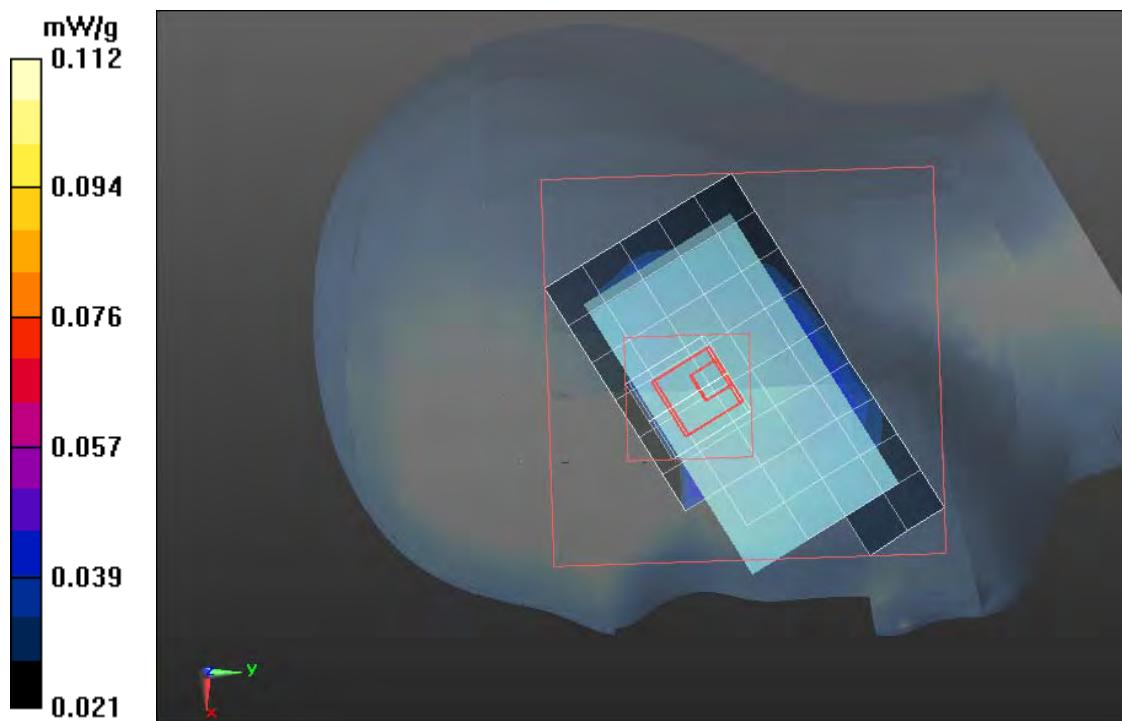
### GSM850/Right Head Tilted Low CH128/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.296mW/g**



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### GSM 850-Right Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### GSM850/Right Head Tilted Middle CH189/Area Scan (6x10x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

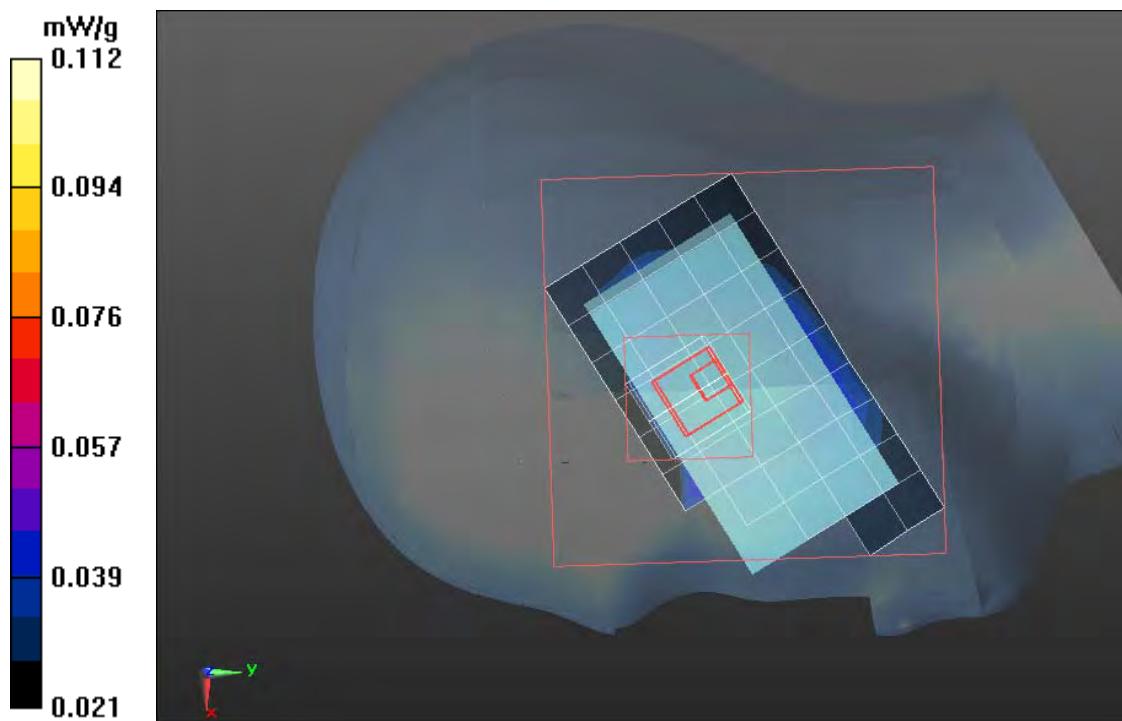
### GSM850/Right Head Tilted Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.277 mW/g**



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## GSM 850-Right Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Right Head Tilted High CH251/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.097 mW/g

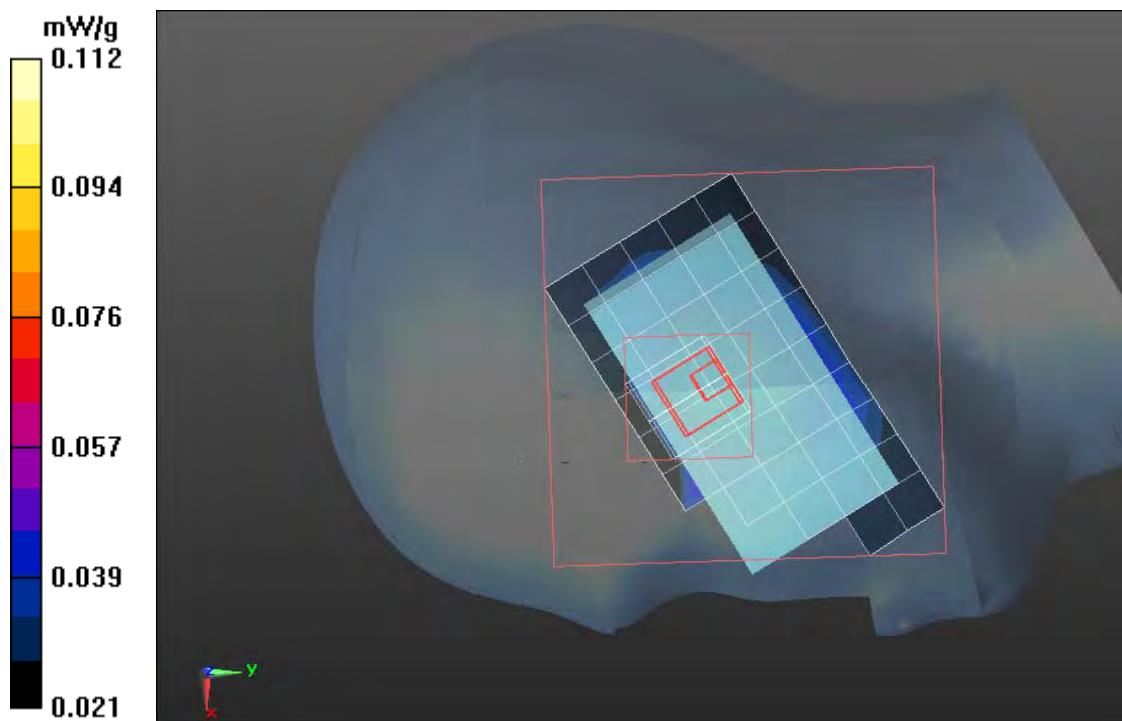
### **GSM850/Right Head Tilted High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.287 mW/g**



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## GSM 850-Left Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Cheek Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

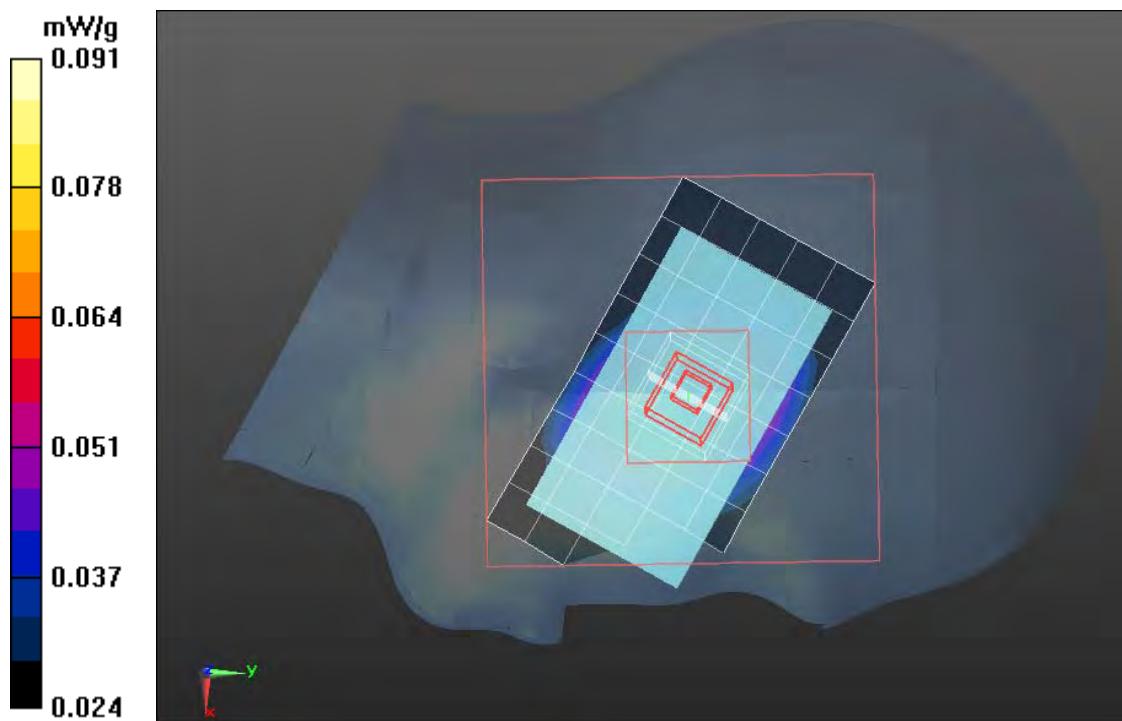
**GSM850/Left Head Cheek Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.289 mW/g**



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## GSM 850-Left Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Cheek High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

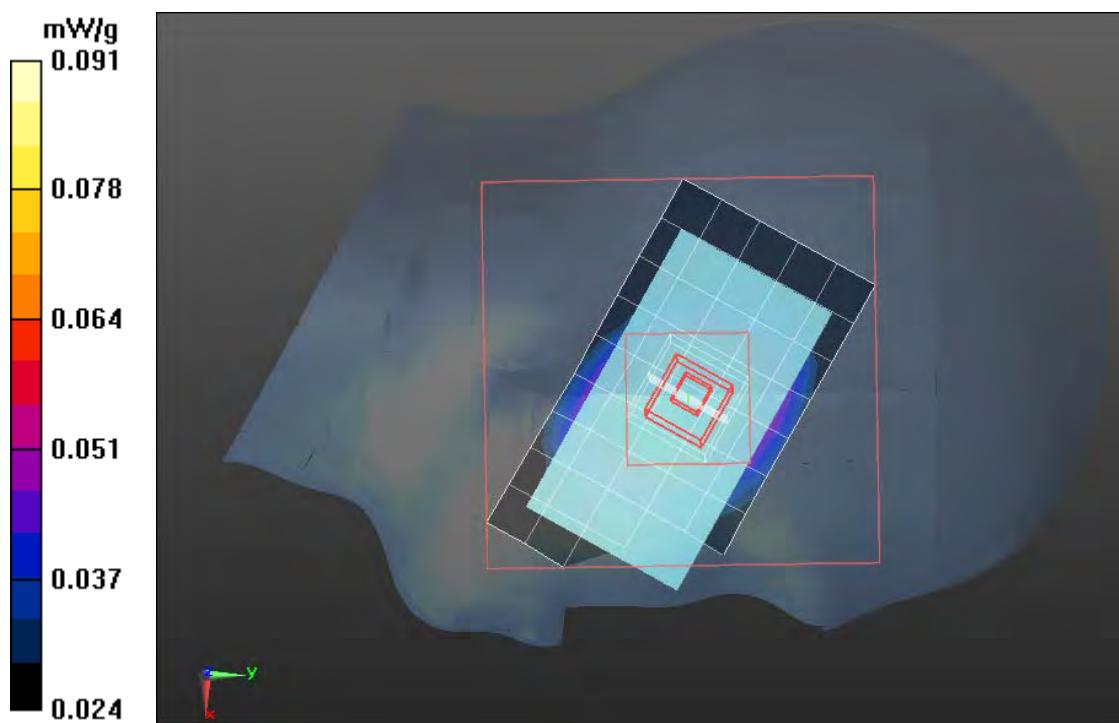
**GSM850/Left Head Cheek High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.342mW/g; SAR(10 g) = 0.212 mW/g**



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## GSM 850-Left Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM850/Left Head Cheek Middle CH189/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

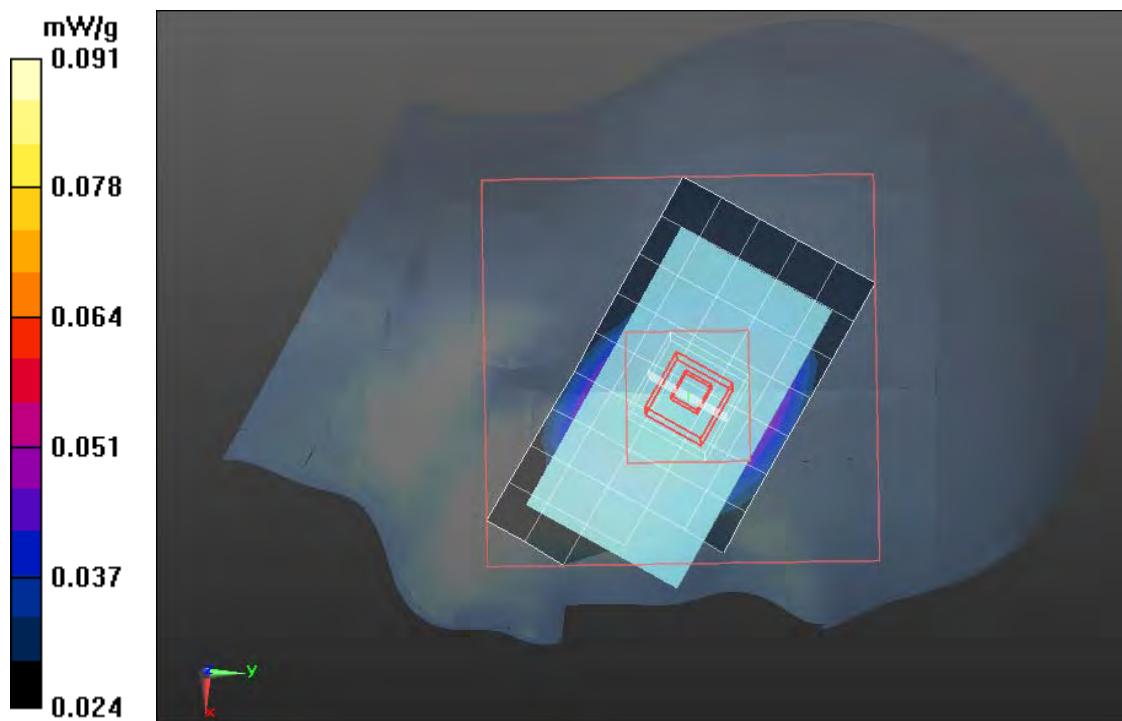
### **GSM850/Left Head Cheek Middle CH189/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.267 mW/g**



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## GSM 850-Left Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Tilted Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

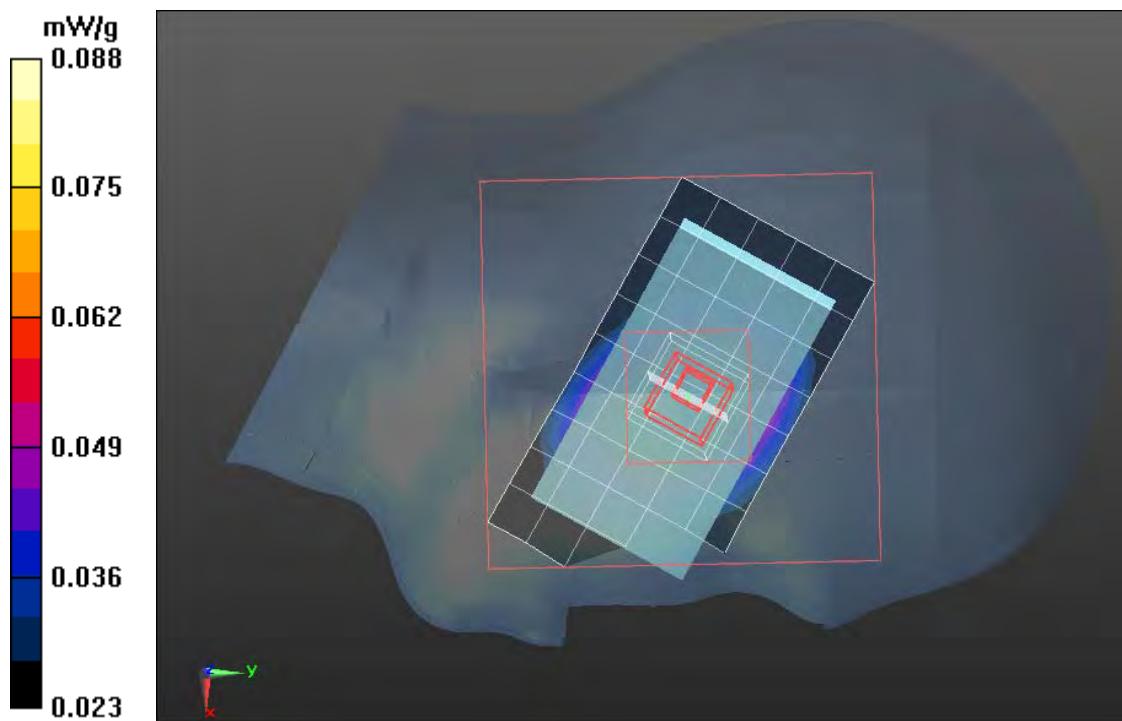
**GSM850/Left Head Tilted Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.273mW/g**



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## GSM 850-Left Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GSM850/Left Head Tilted Middle CH189/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

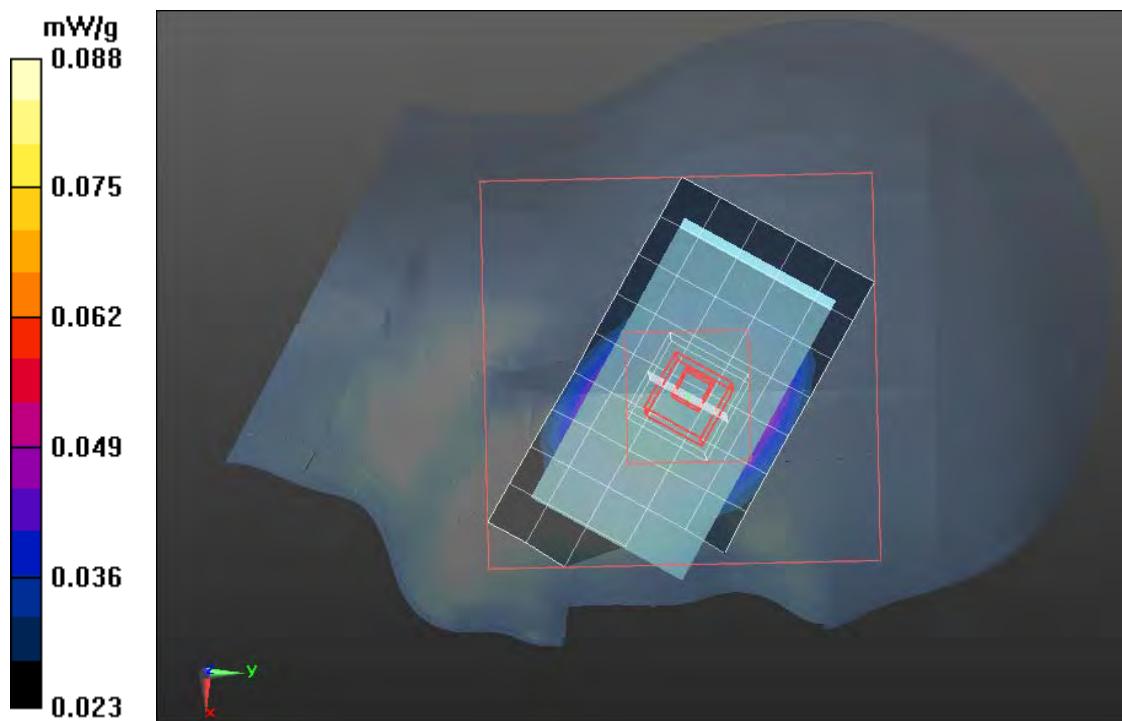
## GSM850/Left Head Tilted Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.278 mW/g**



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## GSM 850-Left Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.478$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Tilted High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

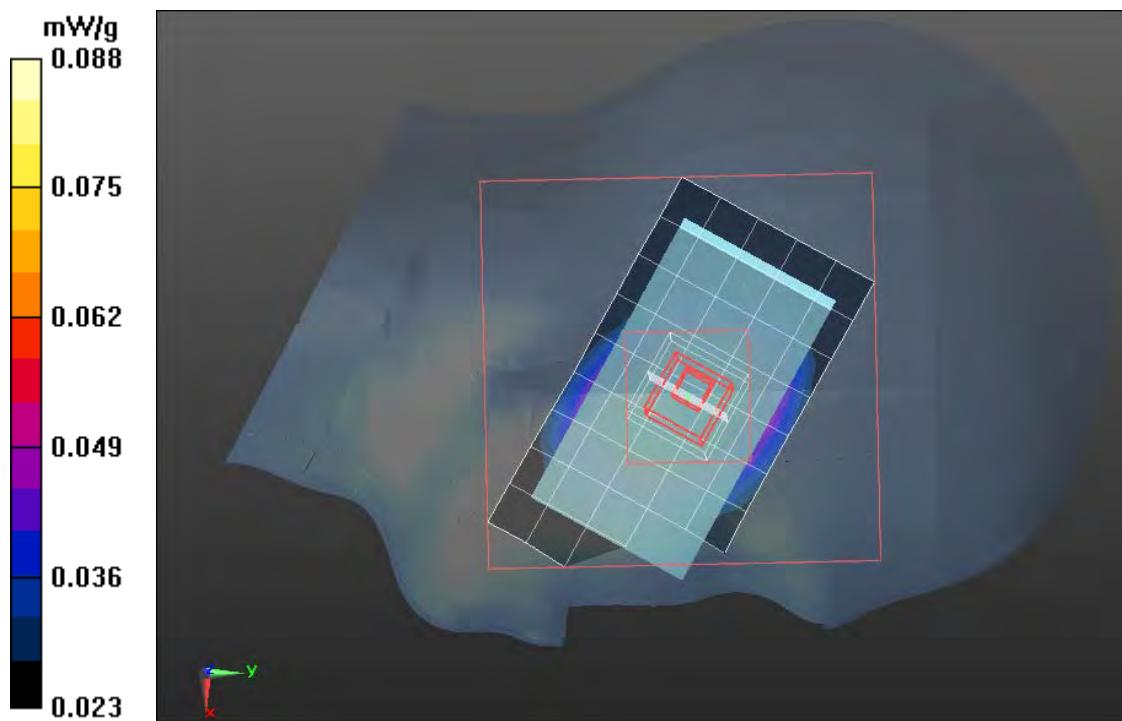
**GSM850/Left Head Tilted High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.273mW/g**



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## GSM 850-Body Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Down Low CH189/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

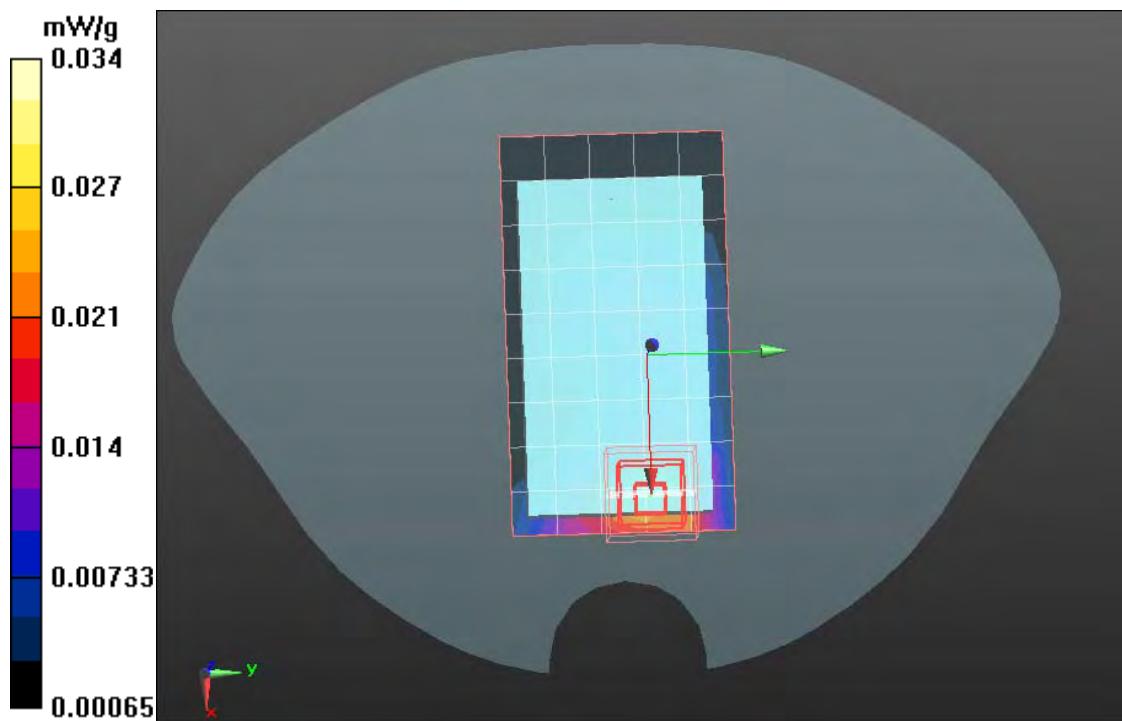
### **GSM 850/GSM850 Body Down Low CH189/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.257 mW/g**



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### **GSM 850-Body Middle CH189 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Down Middle CH189/Area Scan (6x10x1):**

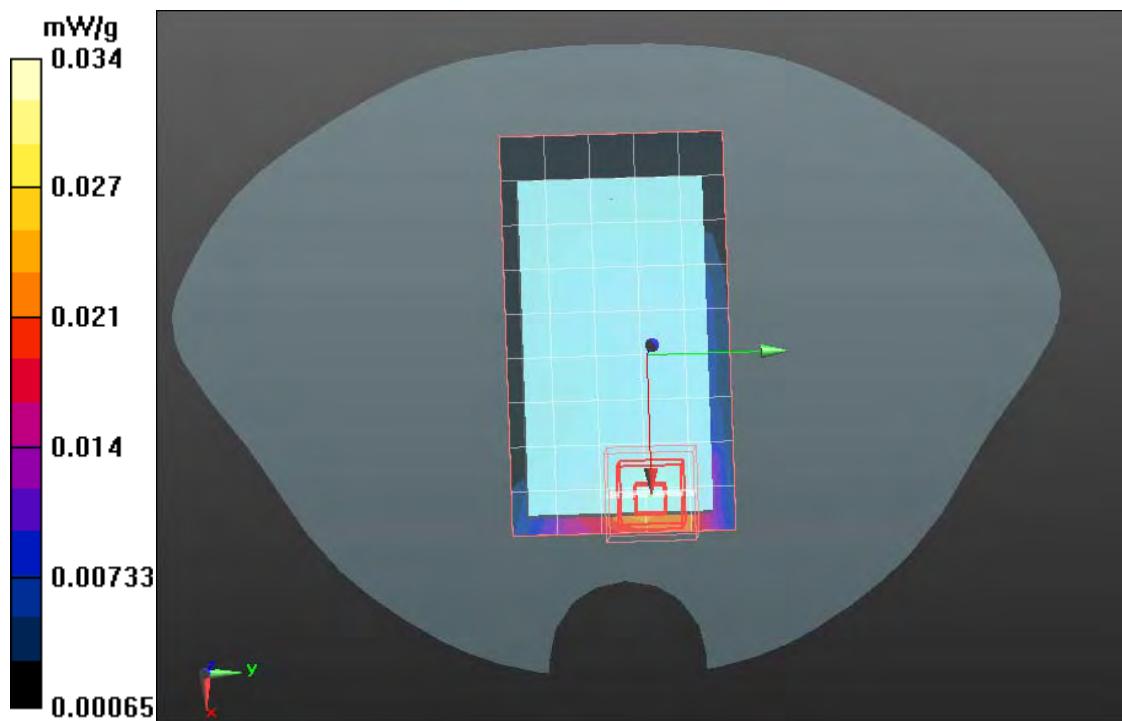
Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

### **GSM 850/GSM850 Body Down Middle CH189/Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=5\text{mm}$ , $dy=5\text{mm}$ , $dz=3\text{mm}$**

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.273 mW/g**



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### **GSM 850-Body High CH251 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Down High CH251/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

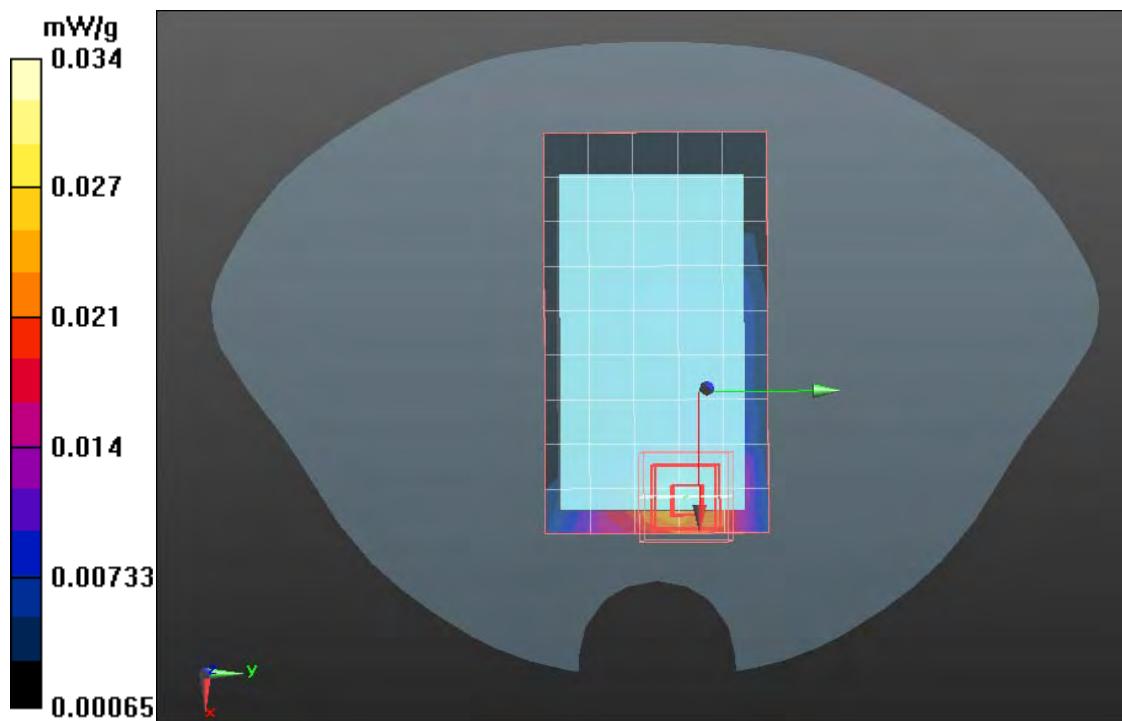
### **GSM 850/GSM850 Body Down High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.257 mW/g**



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### **GSM 850-Body Low CH128 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Up Low CH128/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

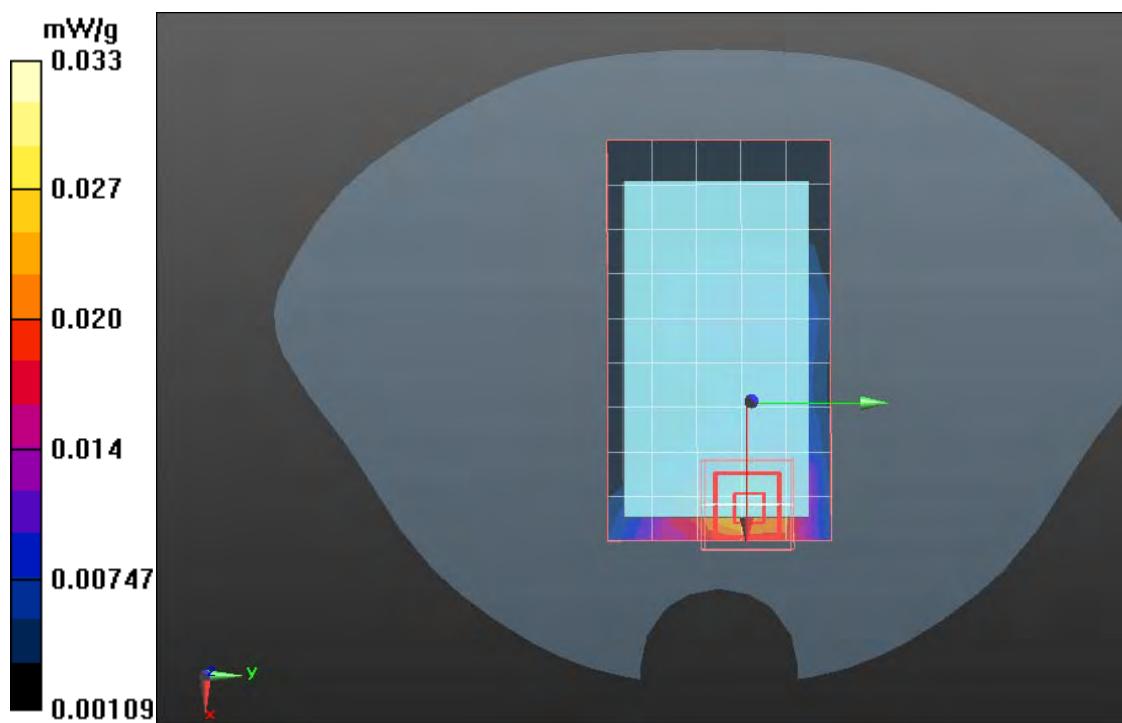
### **GSM 850/GSM850 Body Up Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.331mW/g; SAR(10 g) = 0.224 mW/g**



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### **GSM 850-Body Middle CH189 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Up Middle CH189/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

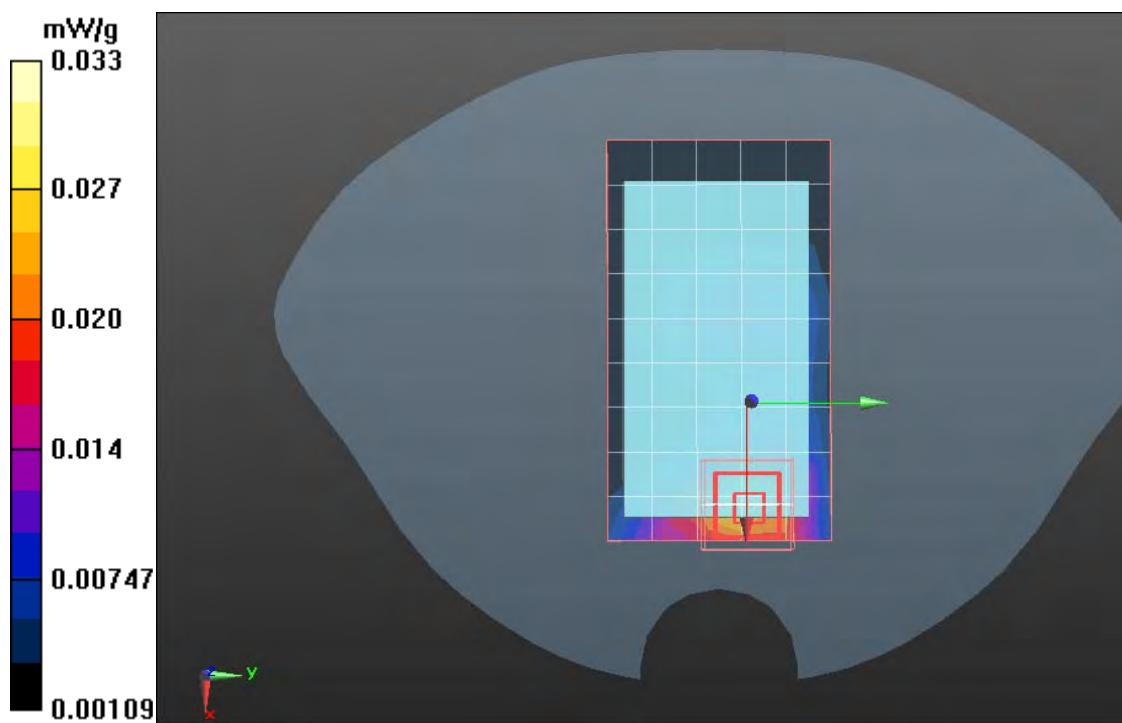
### **GSM 850/GSM850 Body Up Middle CH189/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.224mW/g**



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### **GSM 850-Body High CH251 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GSM 850/GSM850 Body Up High CH251/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

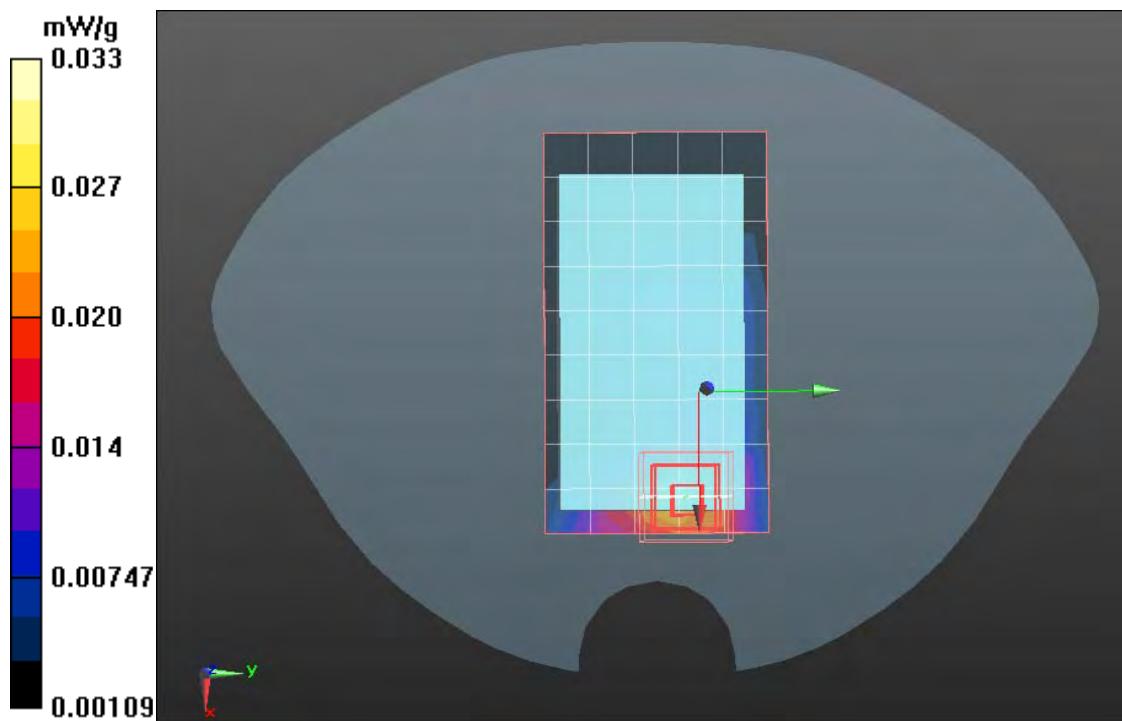
### **GSM 850/GSM850 Body Up High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.226mW/g**



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**GPRS 850-Body Low CH128 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS 850/GPRS850 Body Down Low CH128/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

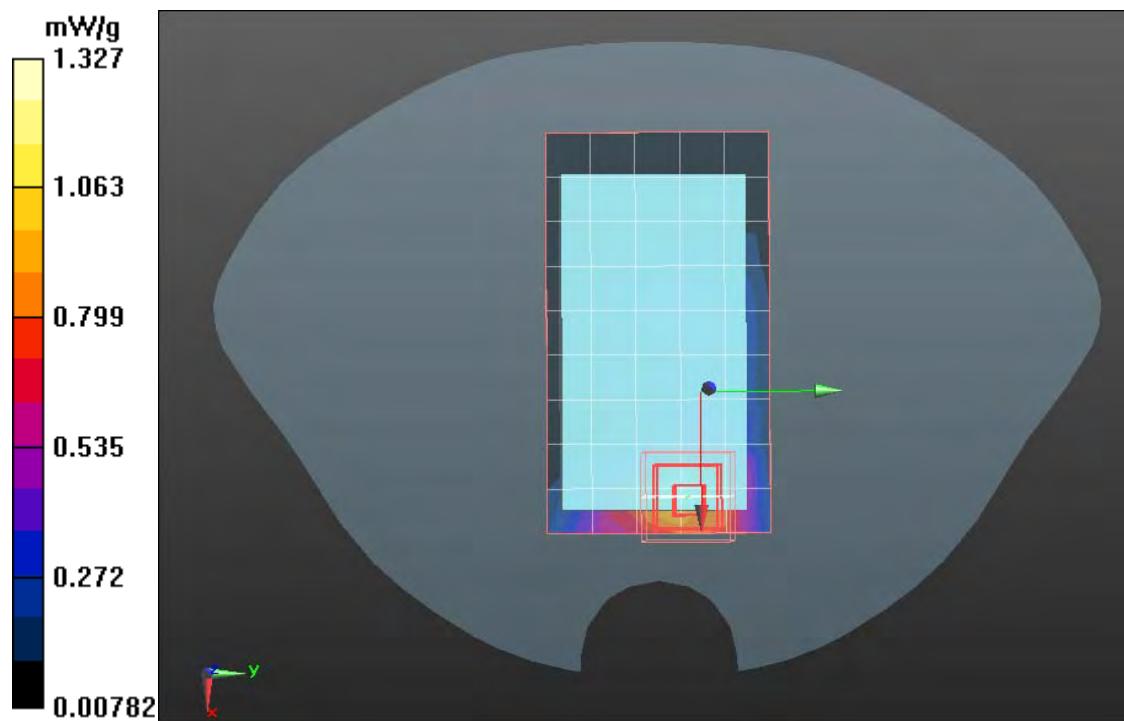
**GPRS 850/GPRS850 Body Down Low CH128/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.235 mW/g**



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### **GPRS 850-Body Middle CH189 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Down Middle CH189/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

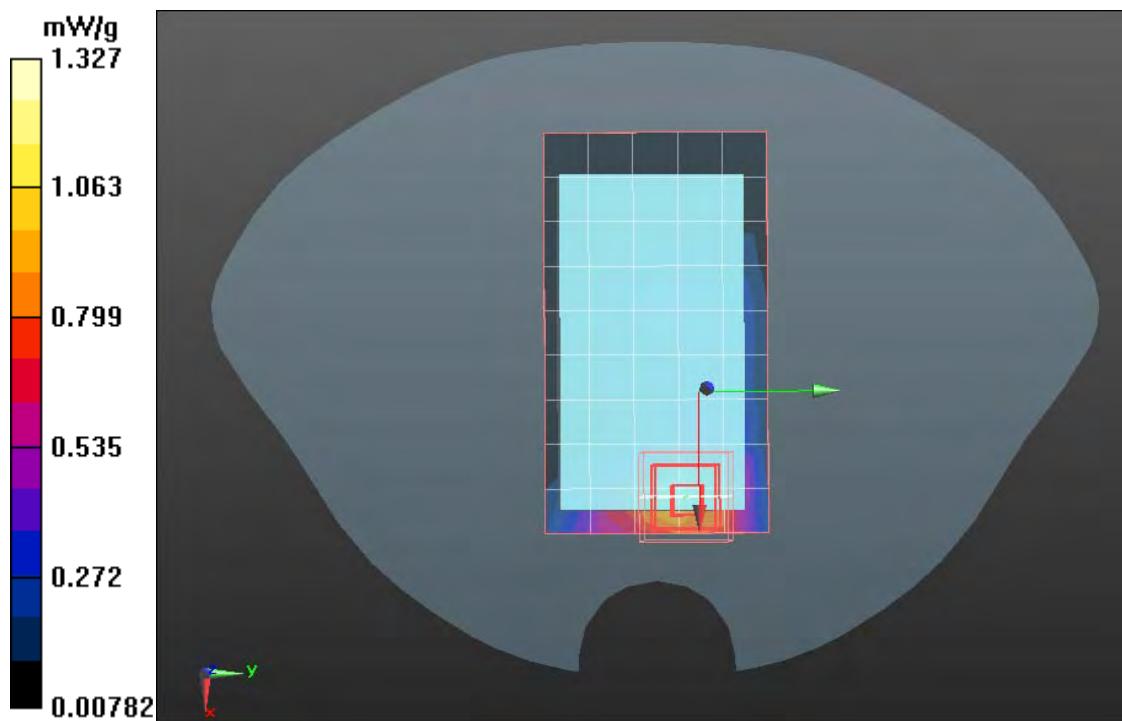
### **GPRS 850/GPRS850 Body Down Middle CH189/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.249 mW/g**



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### **GPRS 850-Body High CH251 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Down High CH251/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

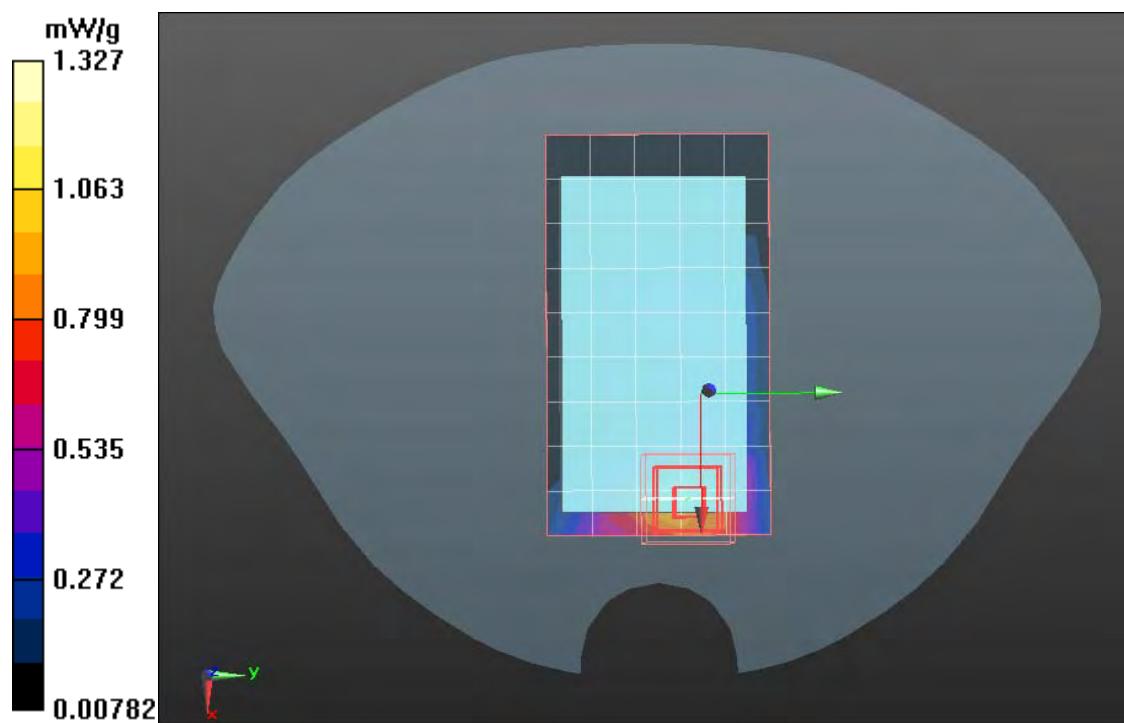
### **GPRS 850/GPRS850 Body Down High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.350mW/g; SAR(10 g) = 0.289mW/g**



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**GPRS 850-Body Low CH128 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS 850/GPRS850 Body Up Low CH128/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

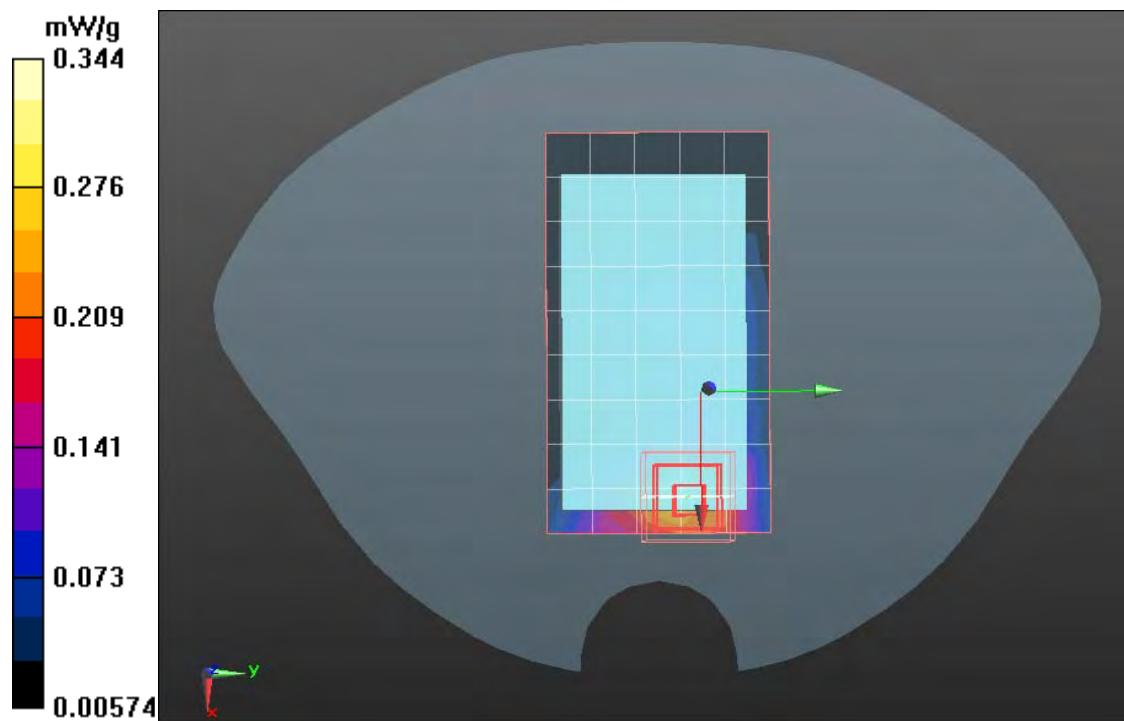
**GPRS 850/GPRS850 Body Up Low CH128/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.248 mW/g**



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### **GPRS 850-Body Middle CH189 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Up Middle CH189/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

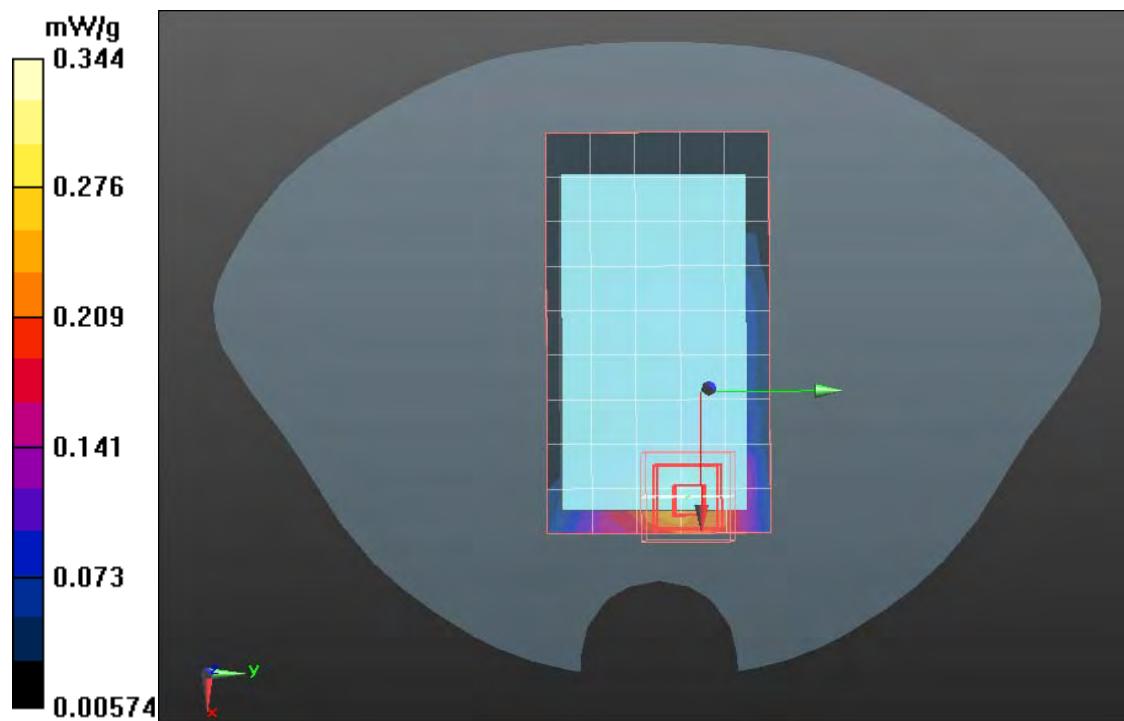
### **GPRS 850/GPRS850 Body Up Middle CH189/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.296 mW/g**



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### **GPRS 850-Body High CH251 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.191 dB  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.858$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS 850/GPRS850 Body Up High CH251/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.676mW/g

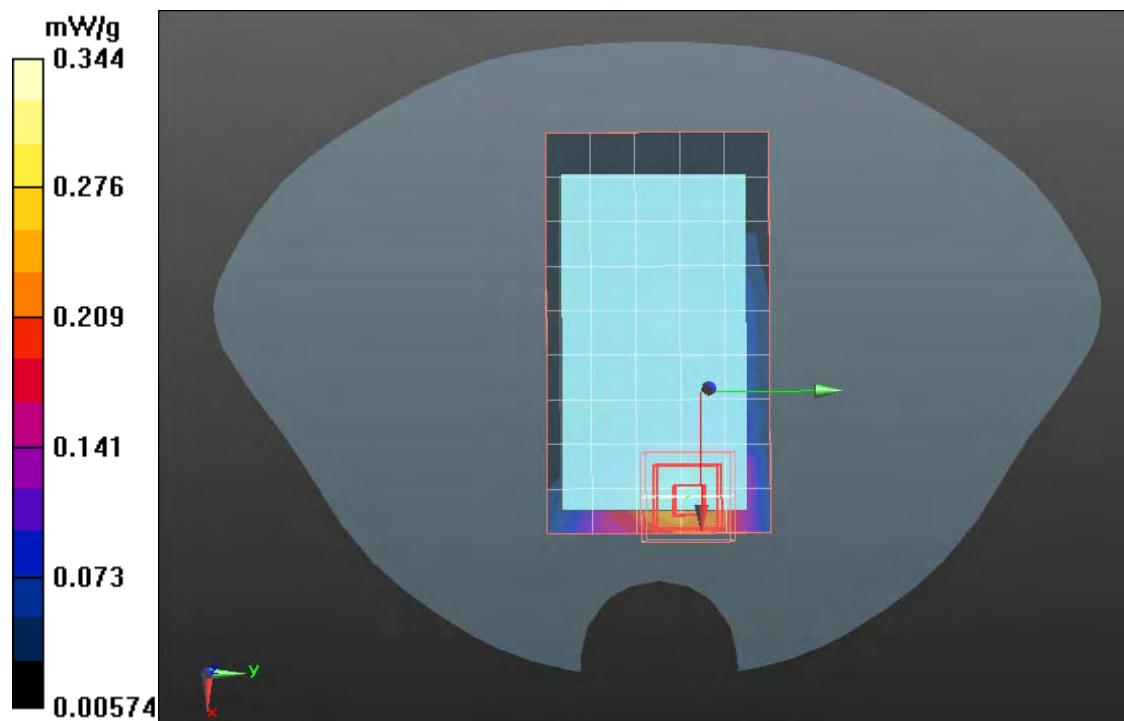
### **GPRS 850/GPRS850 Body Up High CH251/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.251 mW/g**



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### **PCS-1900-Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Cheek Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

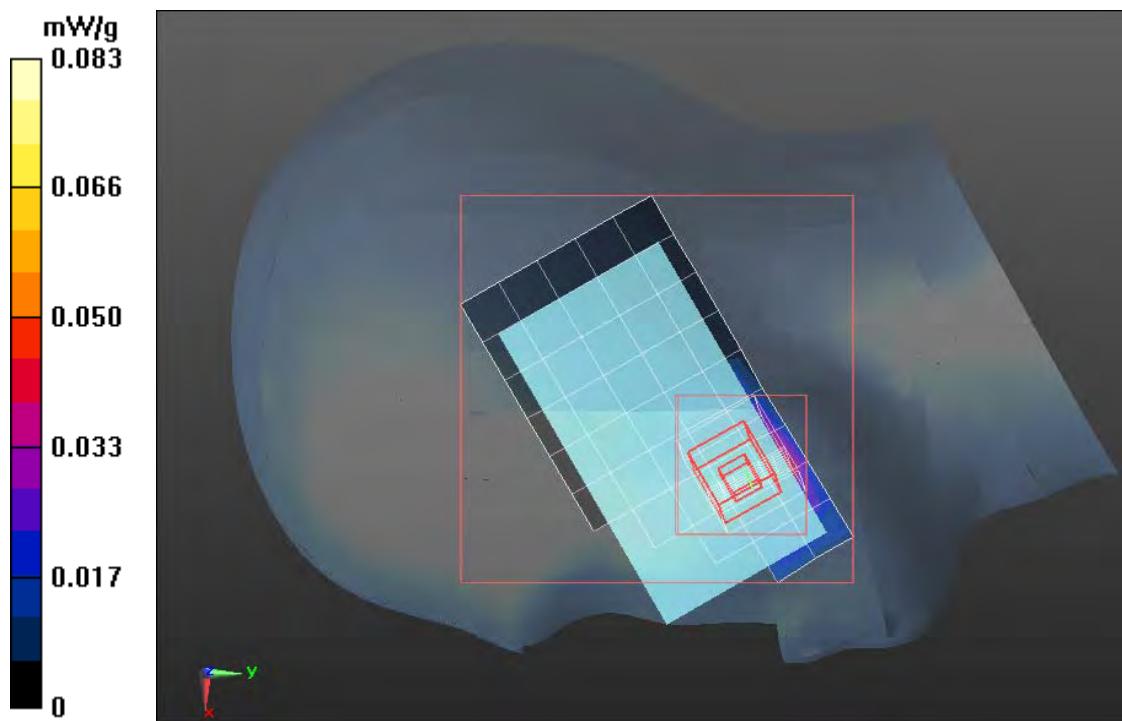
### **PCS1900/Right Head Cheek Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.247 mW/g**



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## **PCS-1900-Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **PCS1900/Right Head Cheek Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

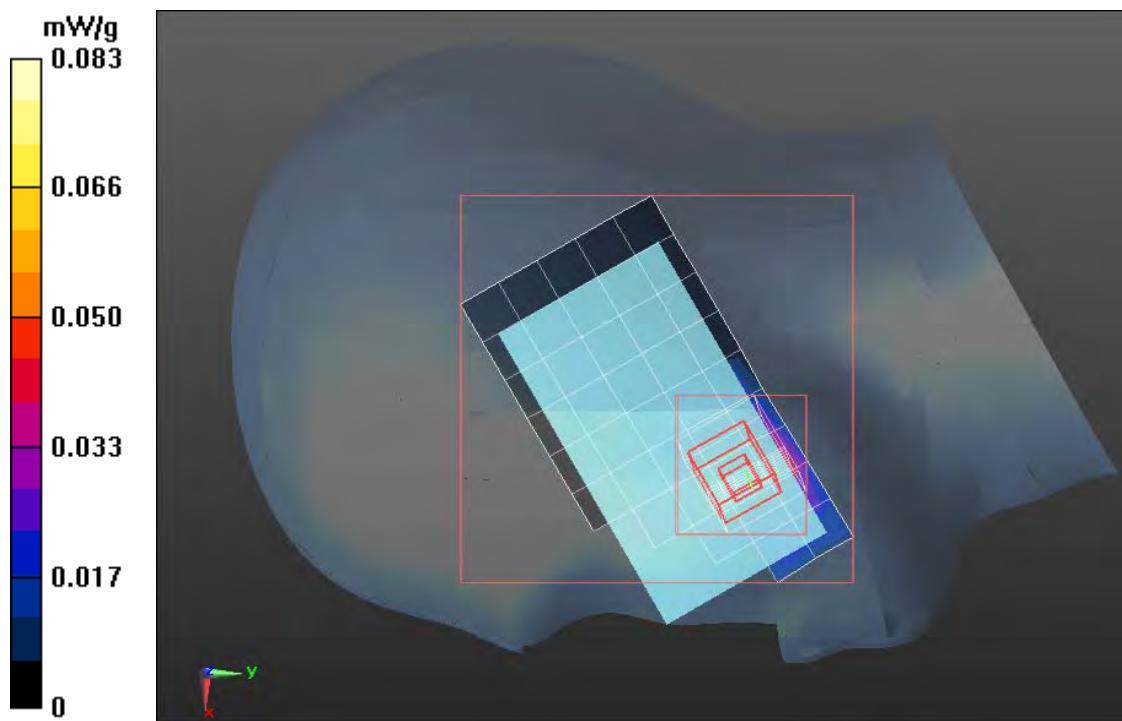
## **PCS1900/Right Head Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.246 mW/g**



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## **PCS-1900-Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **PCS1900/Right Head Cheek High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.122 mW/g

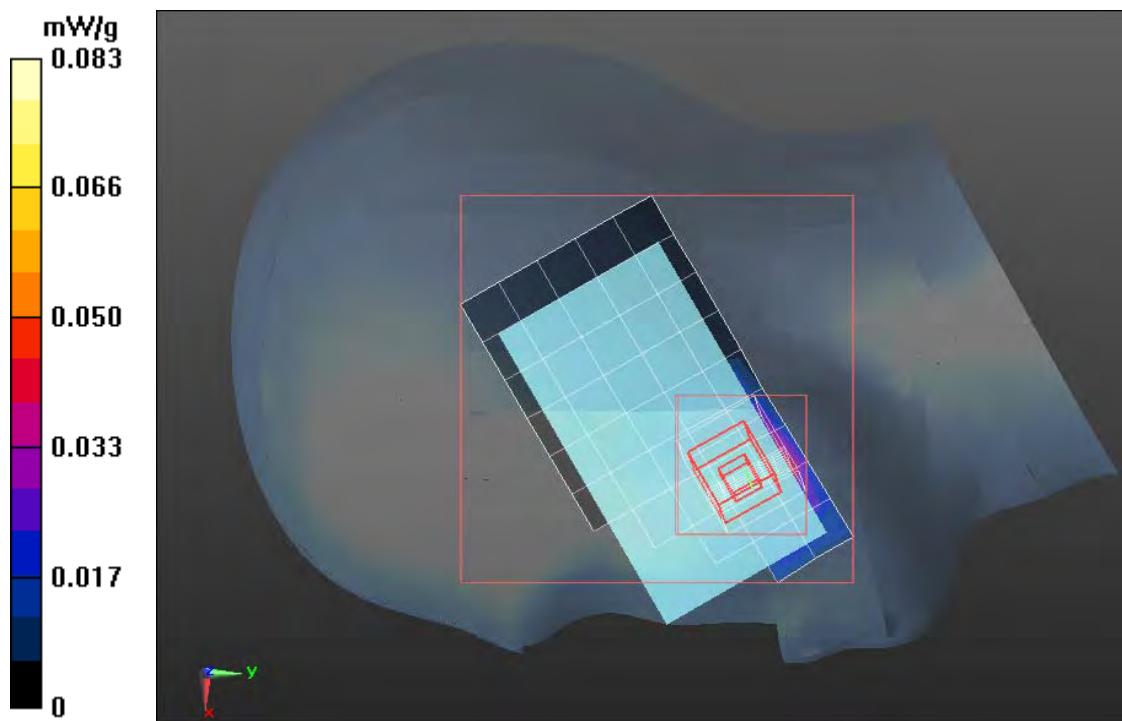
## **PCS1900/Right Head Cheek High CH810/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.267 mW/g**



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### **PCS-1900-Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.87$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Tilted Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

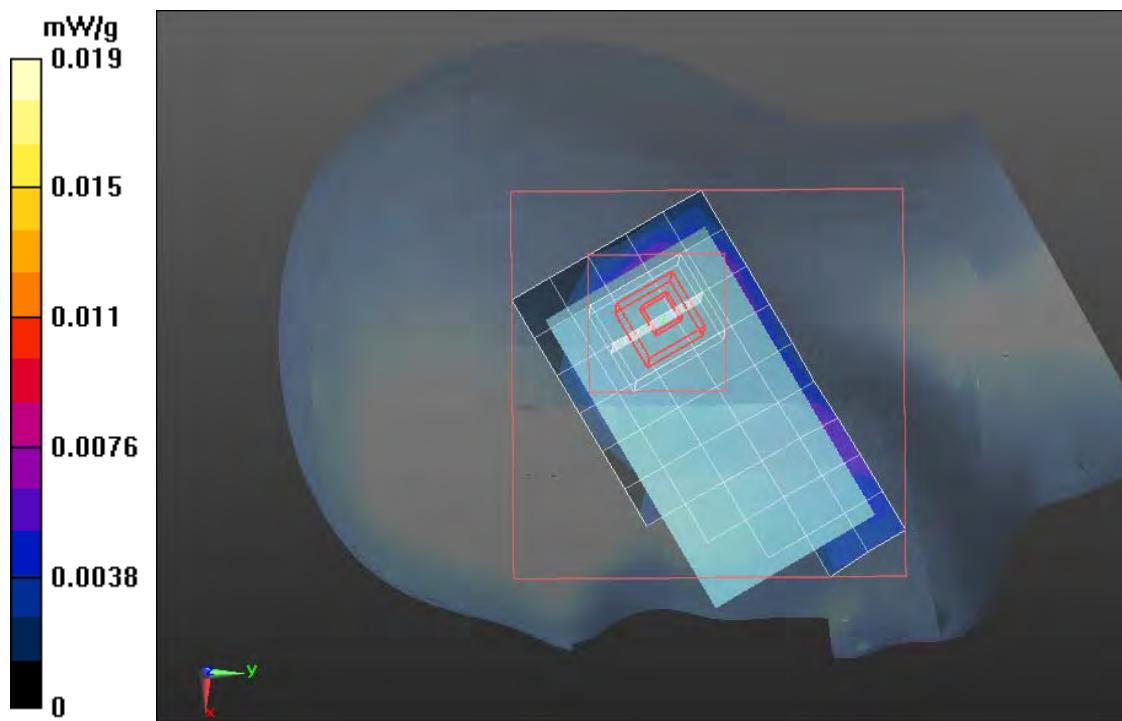
### **PCS1900/Right Head Tilted Low CH512/Zoom Scan (8x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.255 mW/g**



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### **PCS-1900-Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Tilted Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

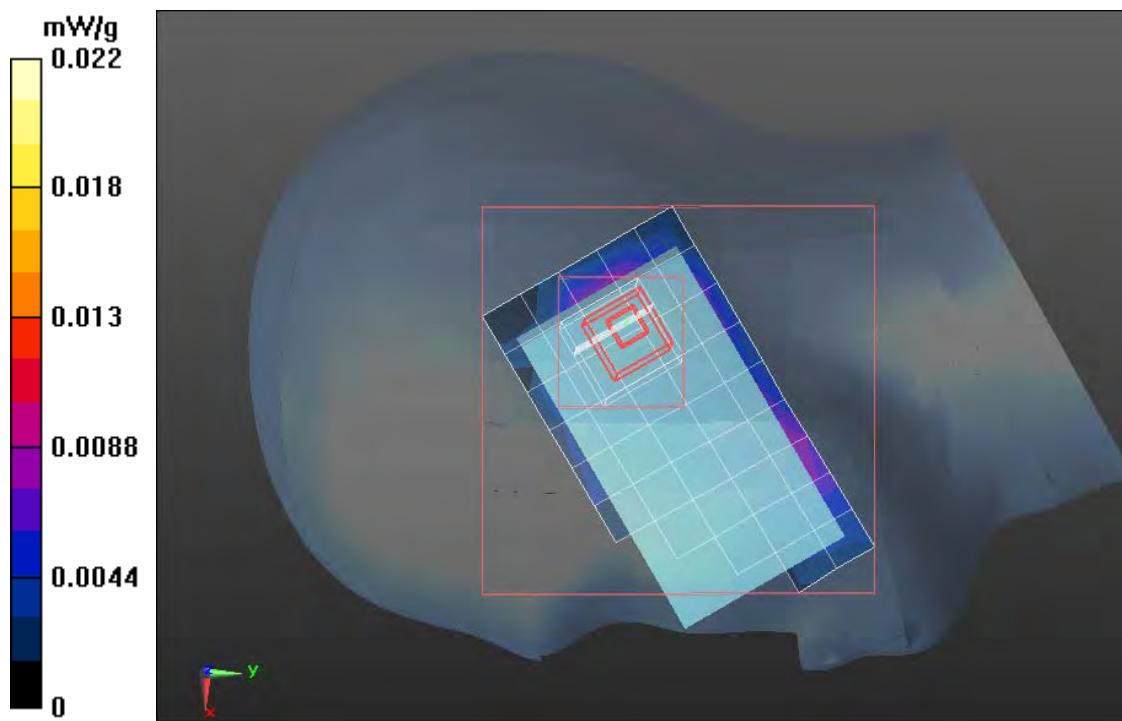
### **PCS1900/Right Head Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.211 mW/g**



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### **PCS-1900-Right Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.87$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Right Head Tilted High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

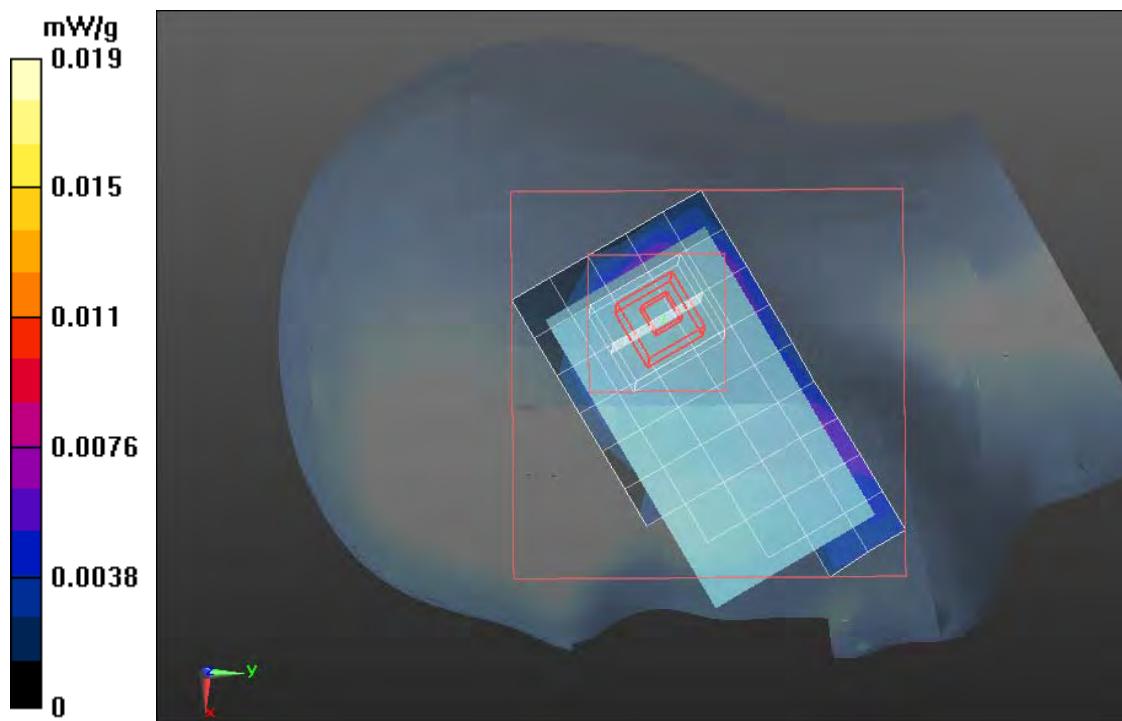
### **PCS1900/Right Head Tilted High CH810/Zoom Scan (8x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.213 mW/g**



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## PCS 1900-Left Head Slide on

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Cheek Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

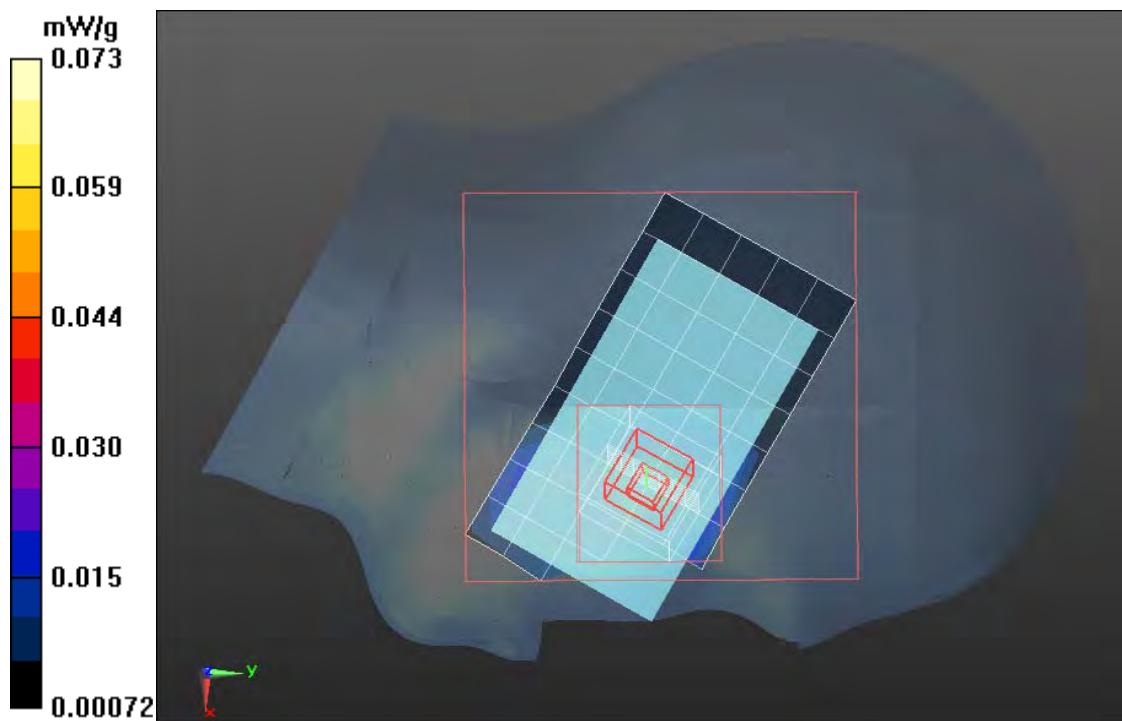
**PCS1900/Left Head Cheek Low CH512/Zoom Scan (8x8x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.239 mW/g**



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### **PCS 1900-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Left Head Cheek Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

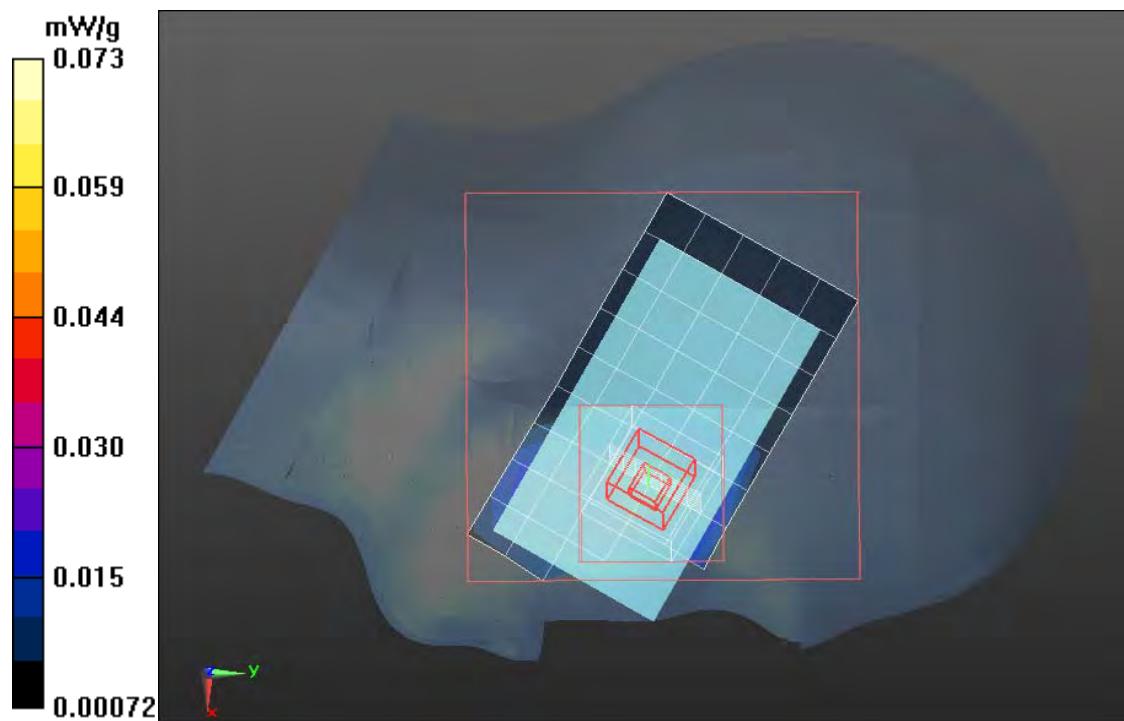
### **PCS1900/Left Head Cheek Middle CH661/Zoom Scan (8x8x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.236 mW/g**



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### **PCS 1900-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Left Head Cheek High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

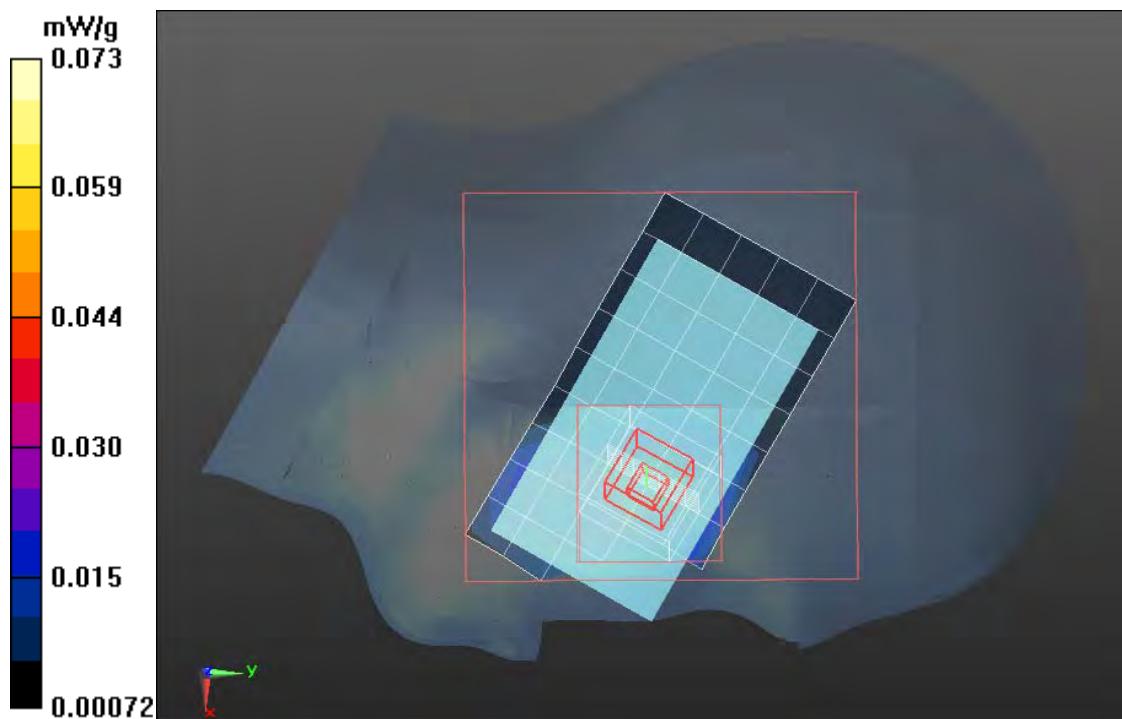
### **PCS1900/Left Head Cheek High CH810/Zoom Scan (8x8x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.263 mW/g**



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### **PCS 1900-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Tilted Low CH512/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

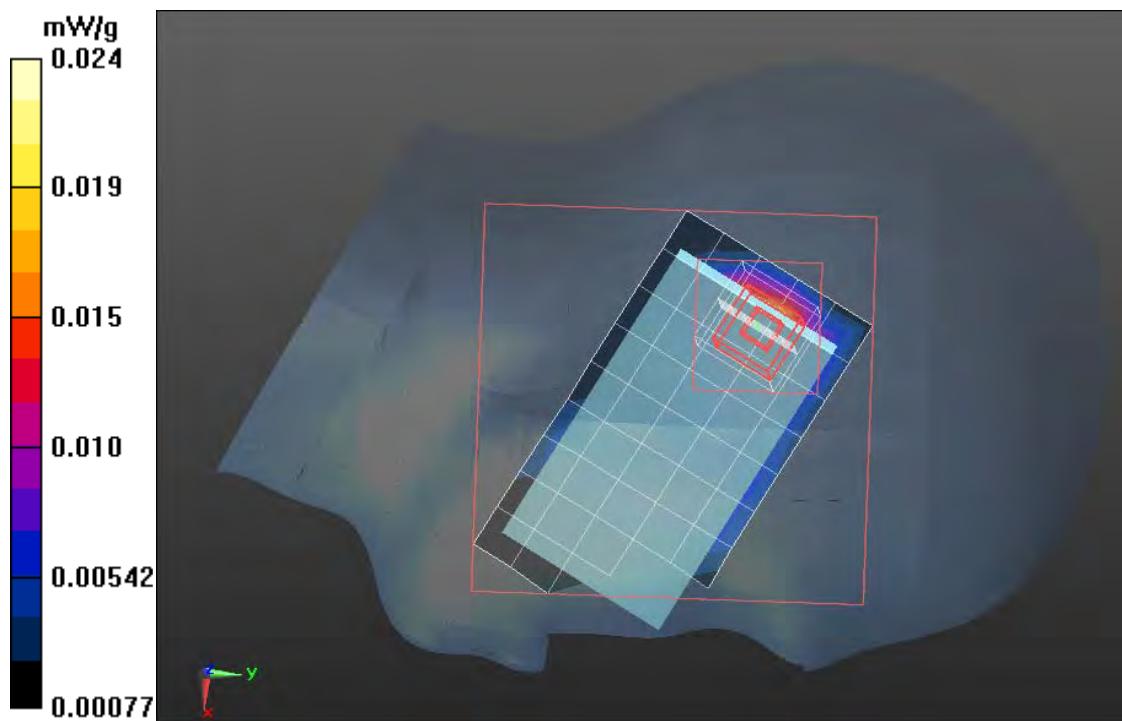
**PCS1900/Left Head Tilted Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.213 mW/g**



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### **PCS 1900-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/Left Head Tilted Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

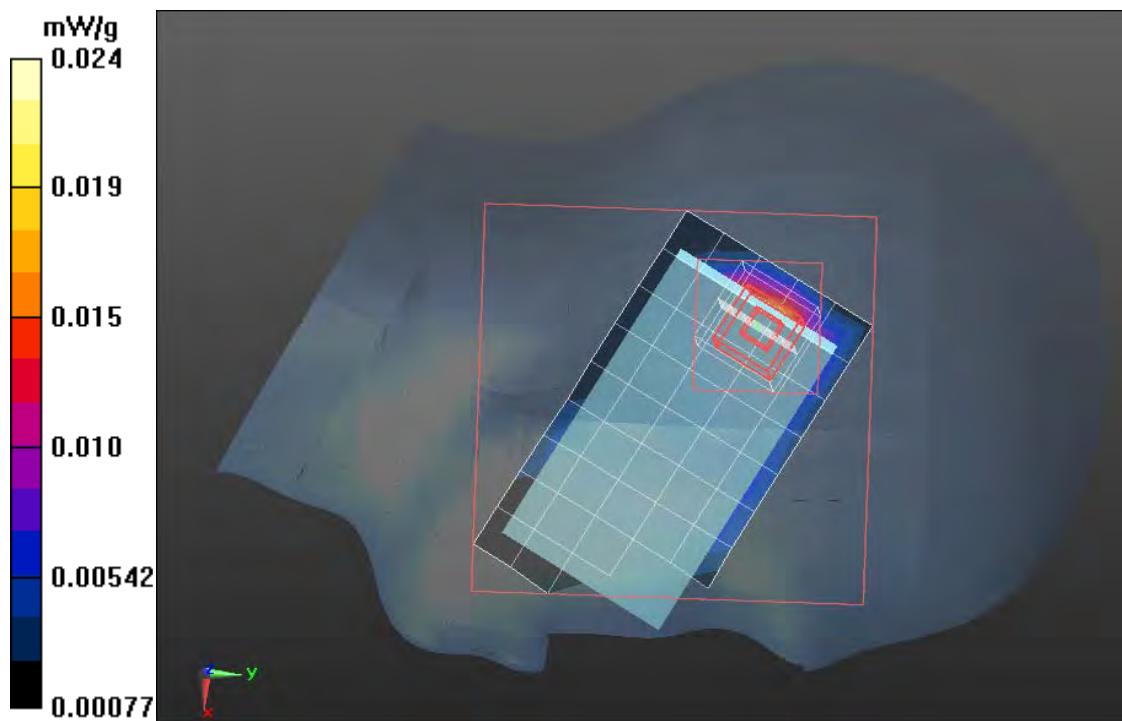
### **PCS1900/Left Head Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.211 mW/g**



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### **PCS 1900-Left Head Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.74$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Tilted High CH810/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

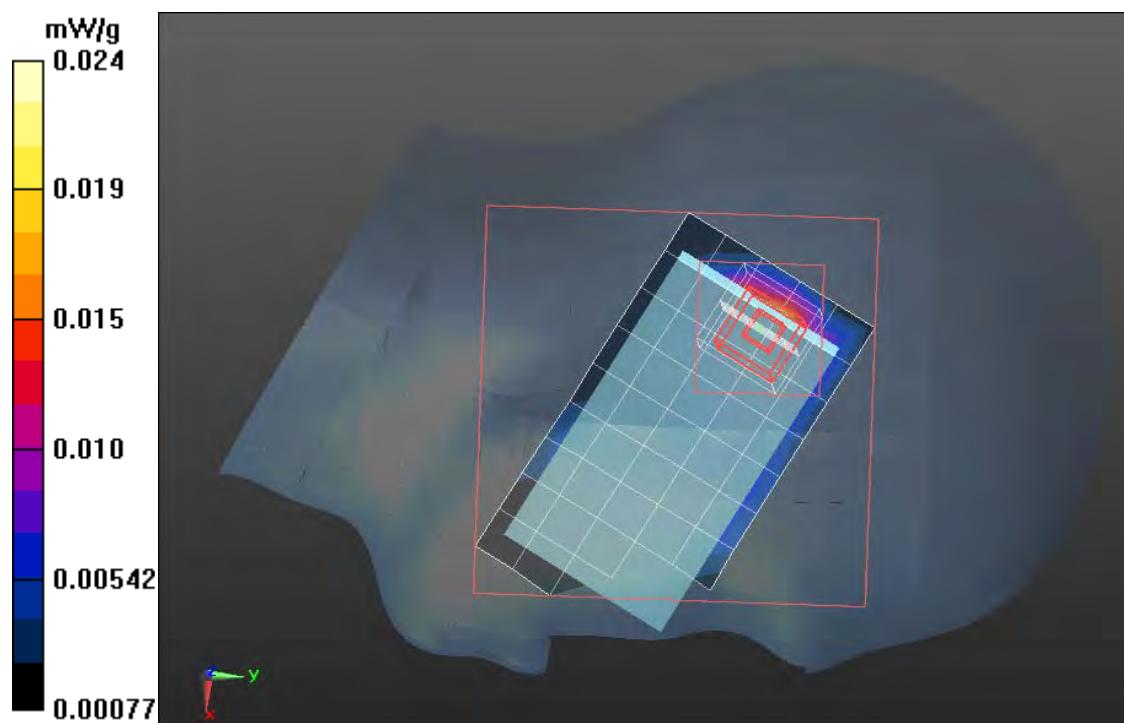
**PCS1900/Left Head Tilted High CH810/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.216 mW/g**



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### **PCS1900-Body Low CH512 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/PCS1900 Body Down Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

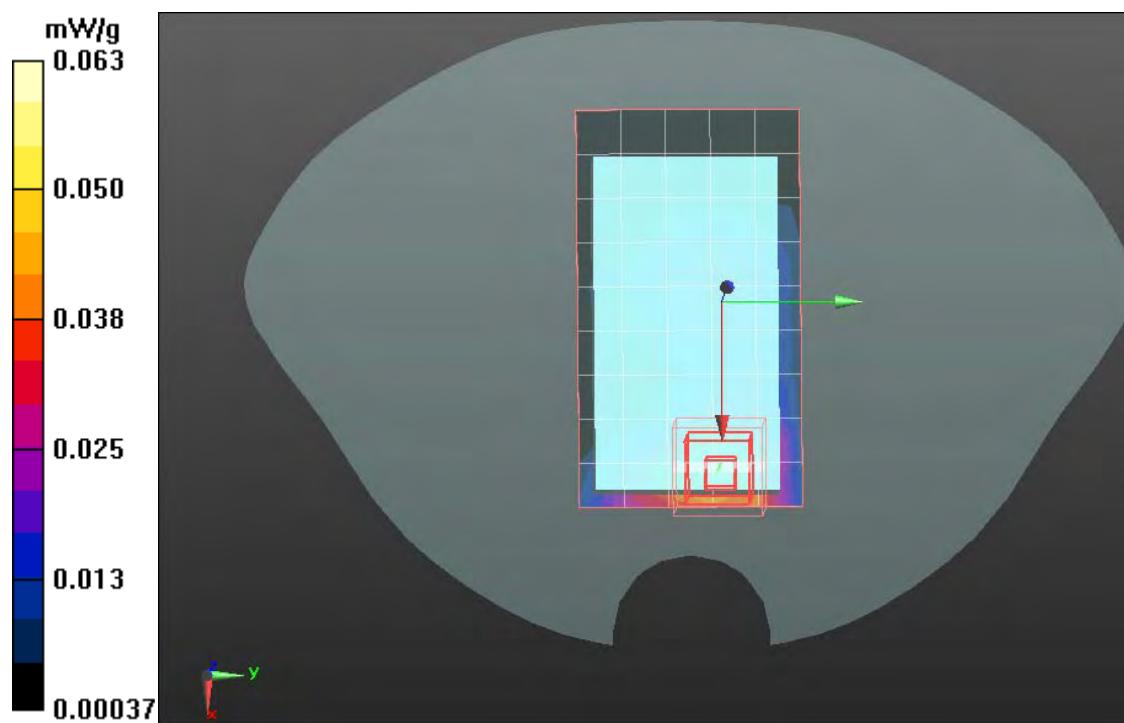
### **PCS1900/PCS1900 Body Down Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.235 mW/g**



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### **PCS1900-Body Middle CH661 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/PCS1900 Body Down Middle CH661/Area Scan (6x10x1):**

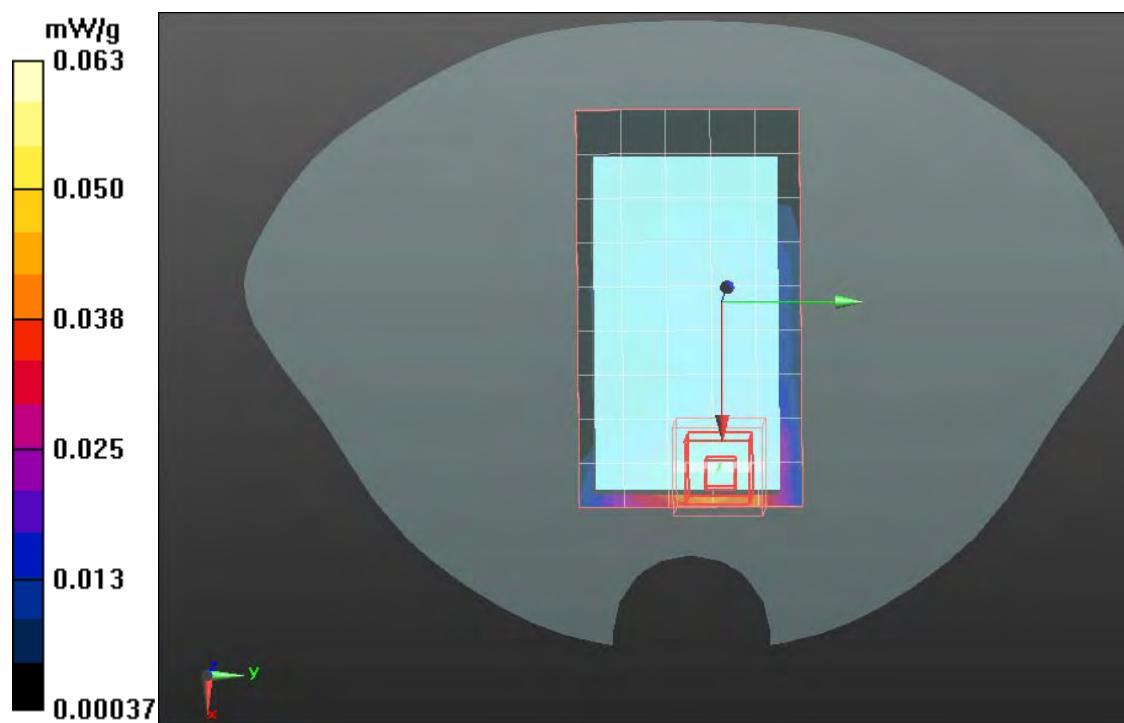
Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**PCS1900/PCS1900 Body Down Middle CH661/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.231 mW/g**



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### **PCS1900-Body High CH810 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/PCS1900 Body Down High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

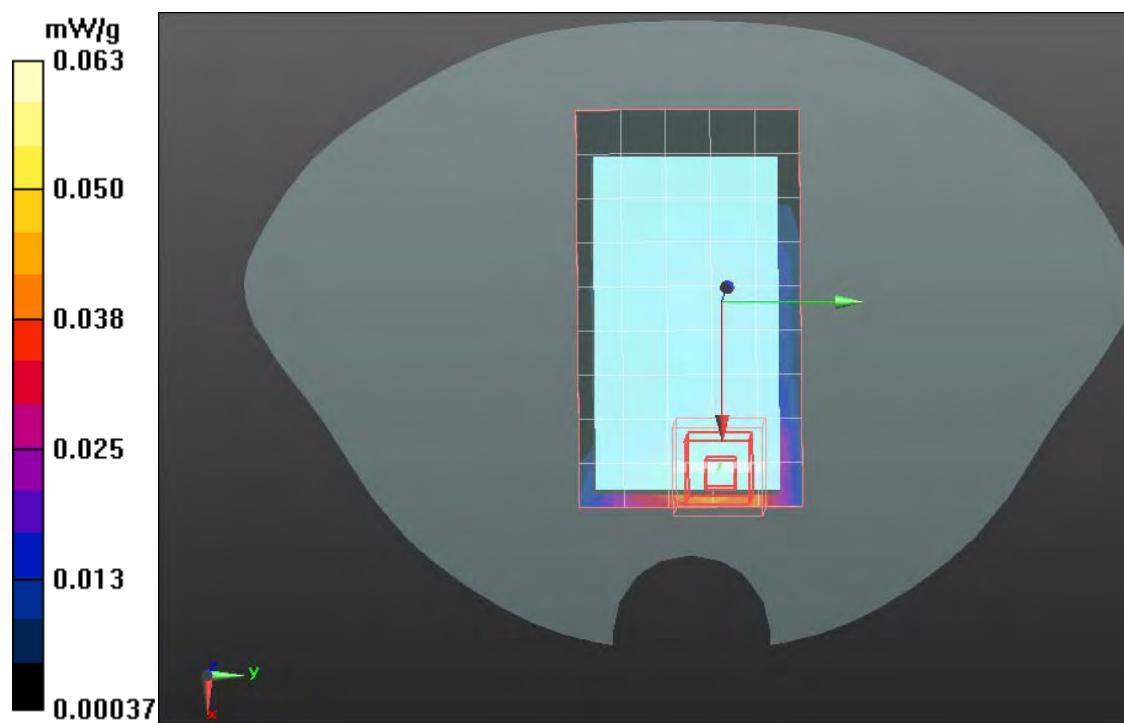
### **PCS1900/PCS1900 Body Down High CH810/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.233 mW/g**



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## **PCS1900-Body Low CH512 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **PCS1900/ PCS1900 Body Up Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

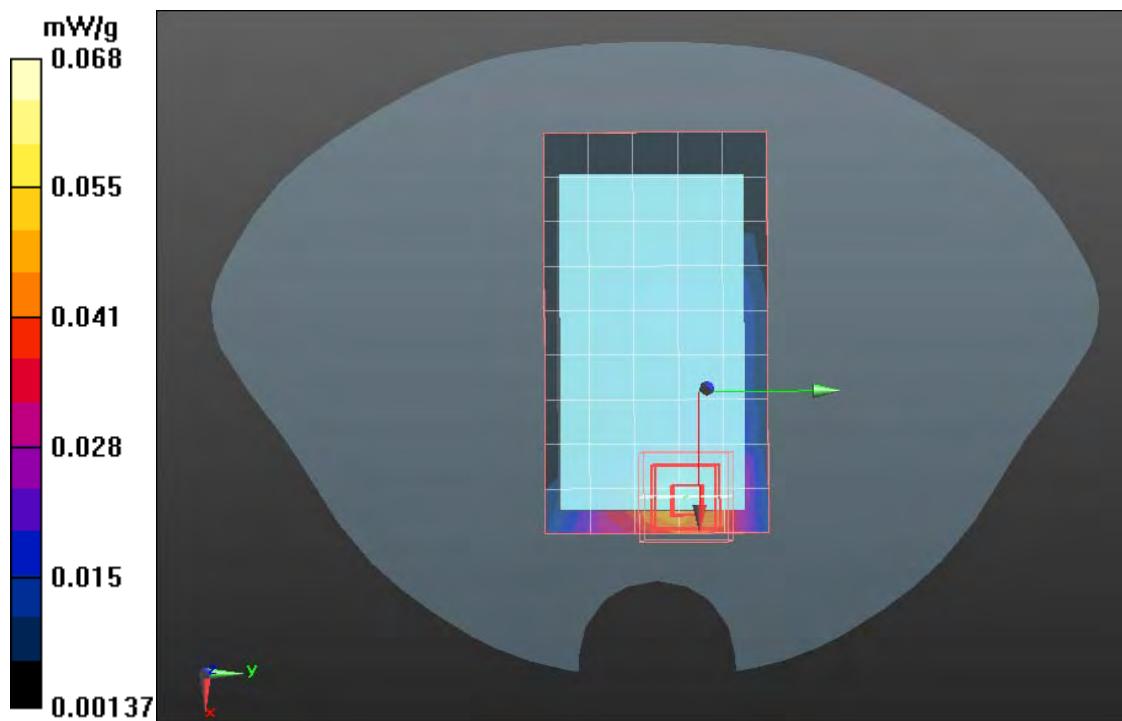
## **PCS1900/ PCS1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.262 mW/g**



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## **PCS1900-Body Middle CH661 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **PCS1900/ PCS1900 Body Up Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

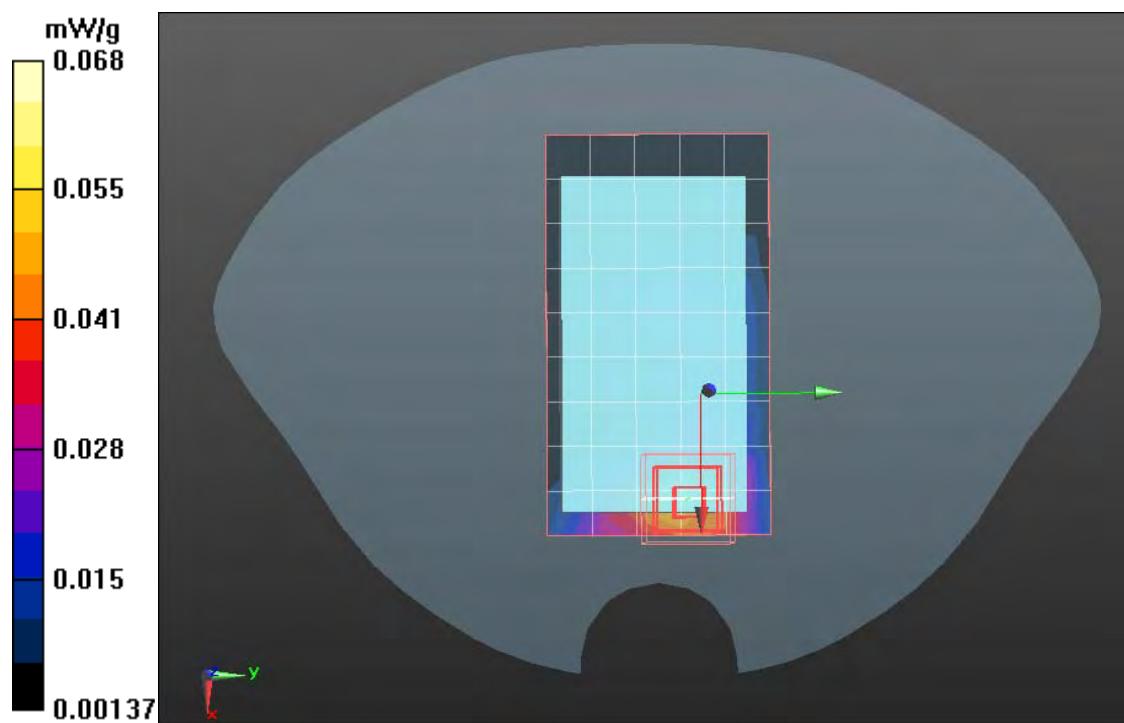
## **PCS1900/ PCS1900 Body Up Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.231 mW/g**



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### **PCS1900-Body High CH810 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1809.8 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **PCS1900/ PCS1900 Body Up High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

### **PCS1900/ PCS1900 Body Up High CH810/Zoom Scan (7x7x9)/Cube 0:**

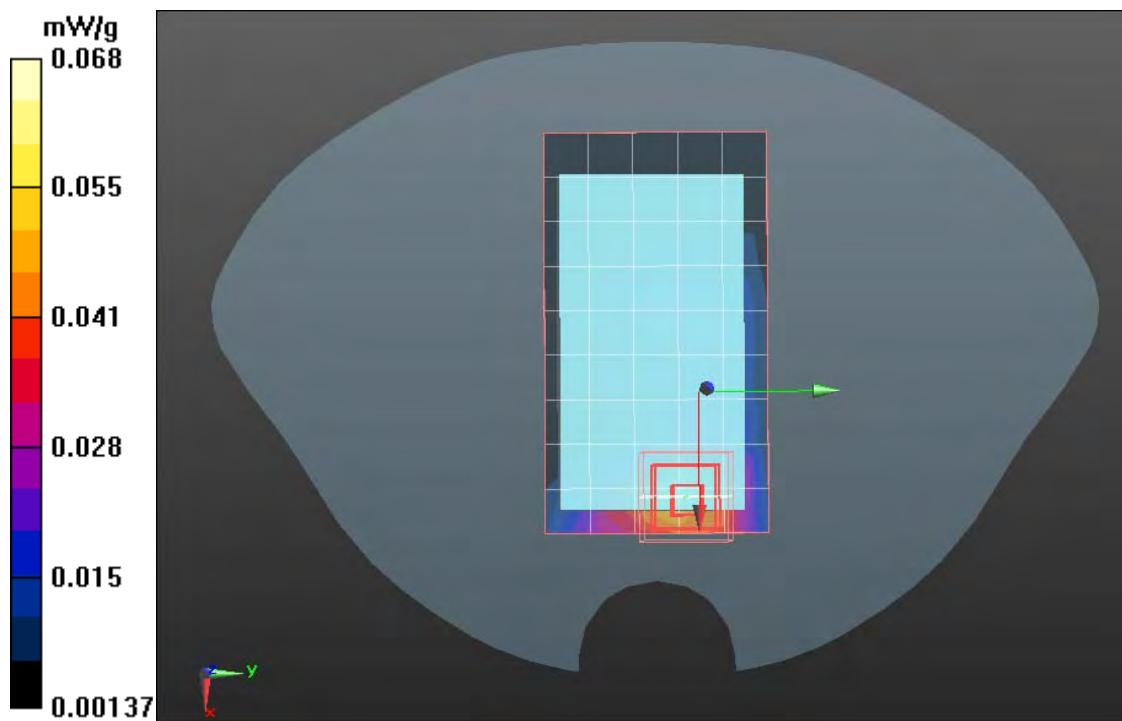
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.231 mW/g**

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



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### **GPRS 1900-Body Low CH512 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Down Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

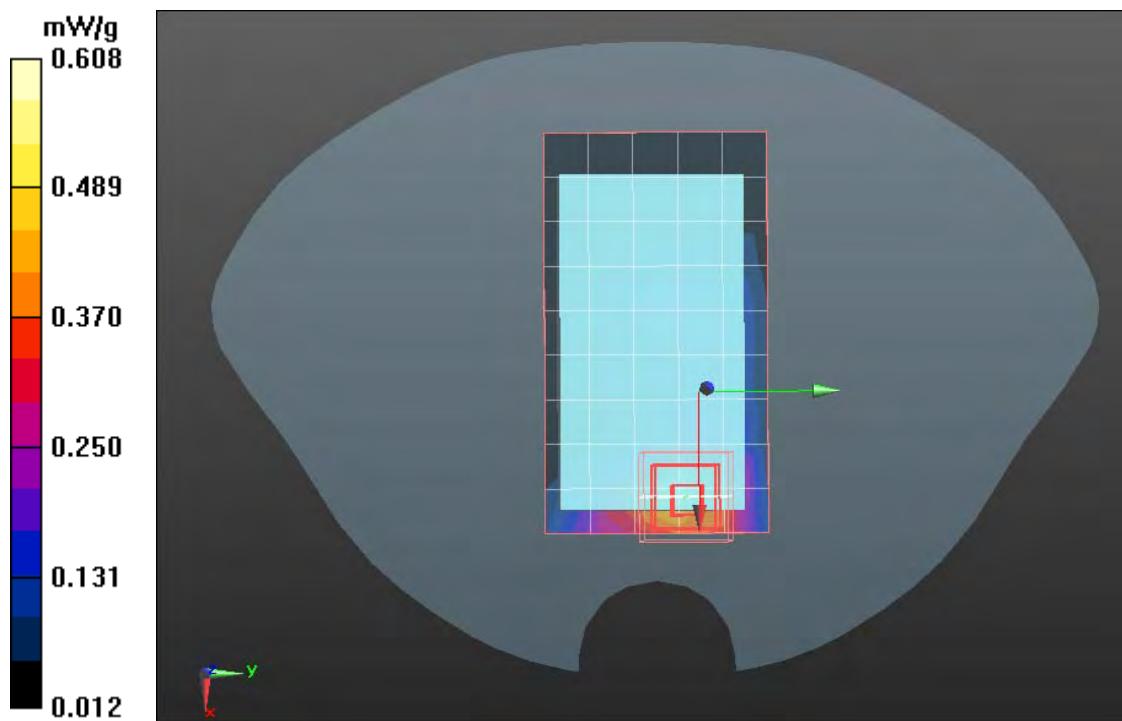
### **GPRS1900/GPRS1900 Body Down Low CH512/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.278mW/g**



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## GPRS 1900-Body Middle CH661 Slide on

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Down Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

### **GPRS1900/GPRS1900 Body Down Middle CH661/Zoom Scan**

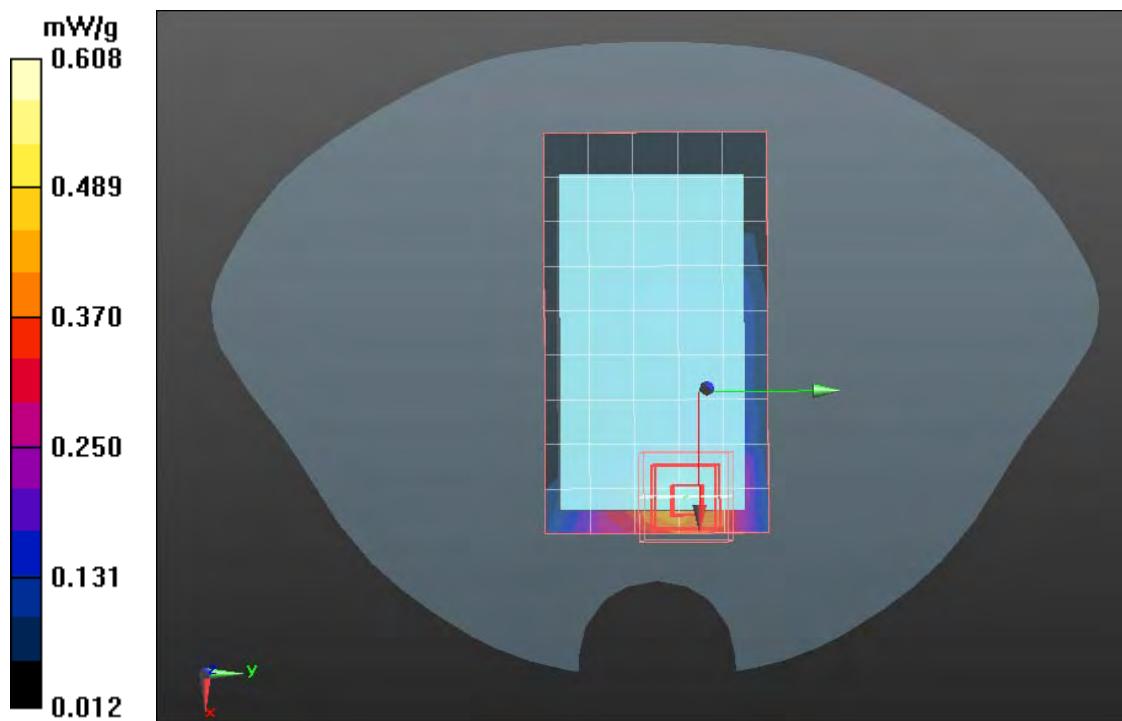
**(8x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.297 mW/g**

Maximum value of SAR (measured) = 0.812 mW/g



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### **GPRS 1900-Body High CH810 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Down High CH810/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

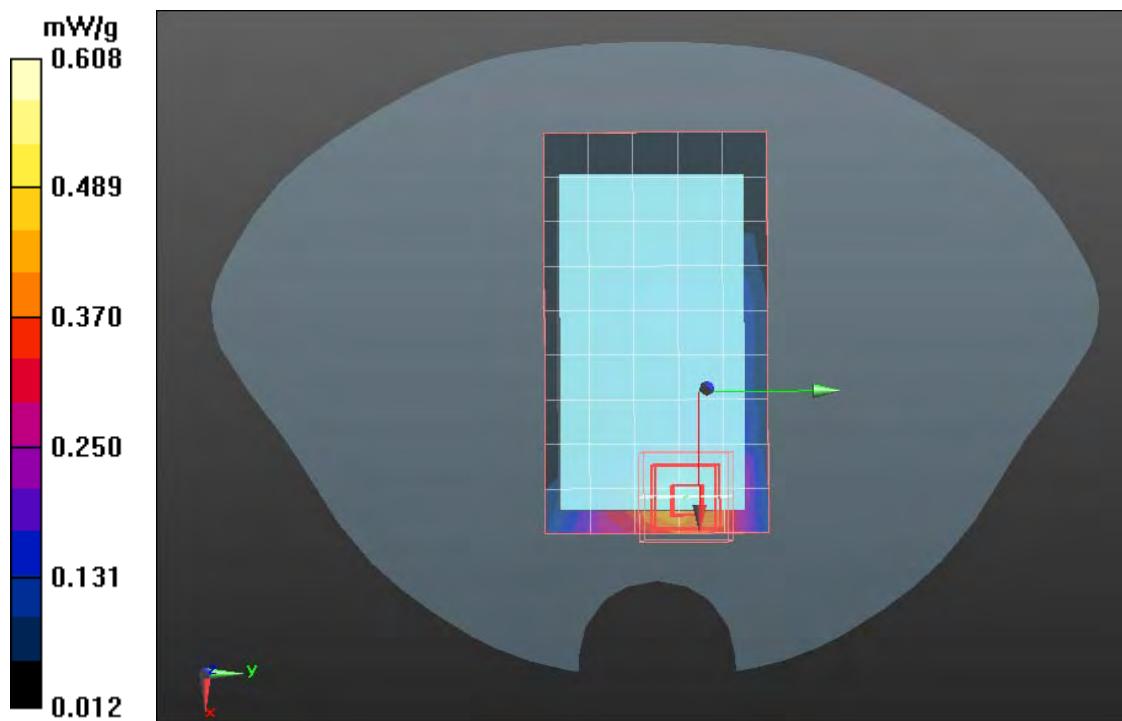
### **GPRS1900/GPRS1900 Body Down High CH810/Zoom Scan**

**(8x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

**SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.212 mW/g**



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### **GPRS 1900-Body Low CH512 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1850.2\text{MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Up Low CH512/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

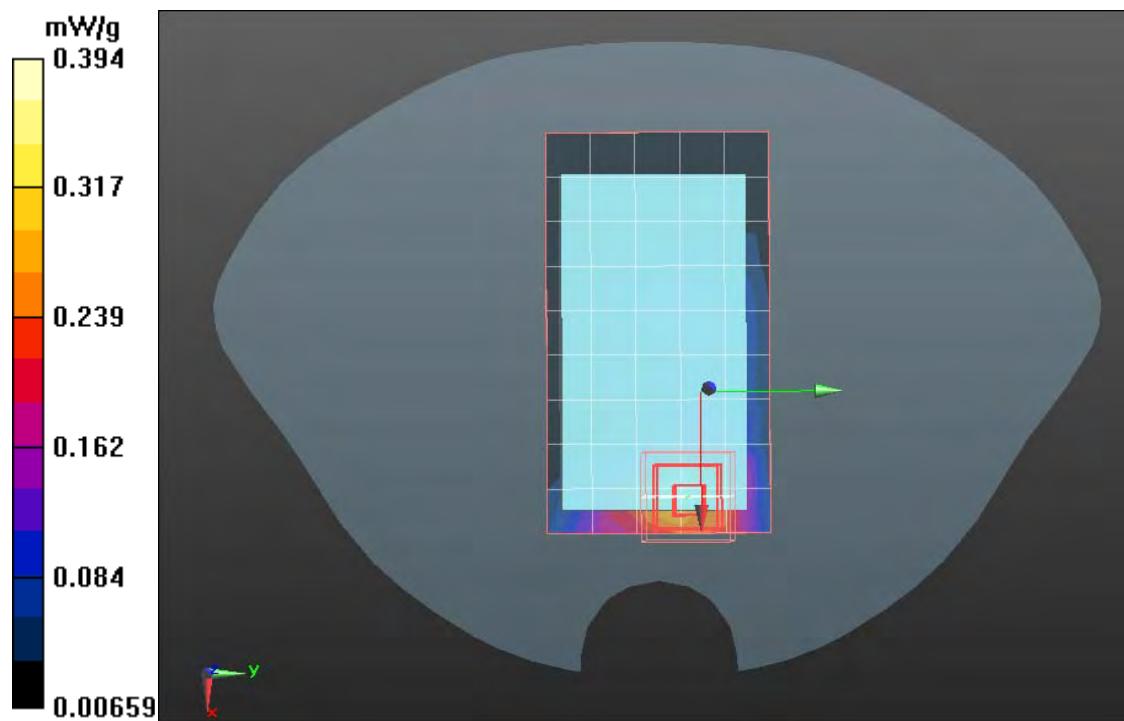
### **GPRS1900/GPRS1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.284 mW/g**



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### **GPRS 1900-Body Middle CH661 Slide on**

**DUT: GSM Mobile Phone; Type: E9800;** Date/Time: 06/13/2011

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

### **GPRS1900/GPRS1900 Body Up Middle CH661/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

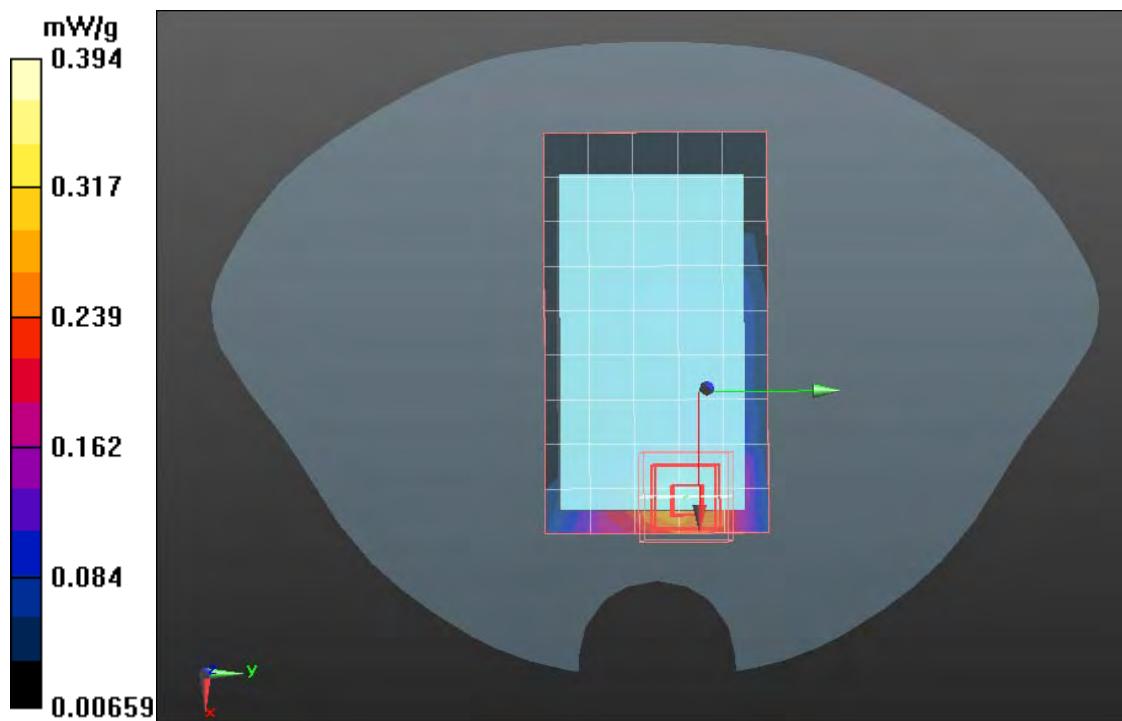
### **GPRS1900/GPRS1900 Body Up Middle CH661/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.261 mW/g**



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Test Laboratory: Compliance Certification Services Inc.

**GPRS 1900-Body High CH810 Slide on**

**DUT: GSM Mobile Phone; Type: E9800; Date/Time: 06/13/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.191 dB

Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.14$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS1900/GPRS1900 Body Up High CH810/Area Scan (6x10x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**GPRS1900/GPRS1900 Body Up High CH810/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=3\text{mm}$

**SAR(1 g) = 0.357mW/g; SAR(10 g) = 0.278 mW/g**



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