

**GSM 1900 EGPRS (2Txslots) Back Side Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/25/2012 11:32:40 PM

Communication System: EGPRS 2TX; Frequency: 1880 MHz; Duty Cycle: 1:4.14954

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.53 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.420 mW/g**

Maximum value of SAR (measured) = 0.767 mW/g

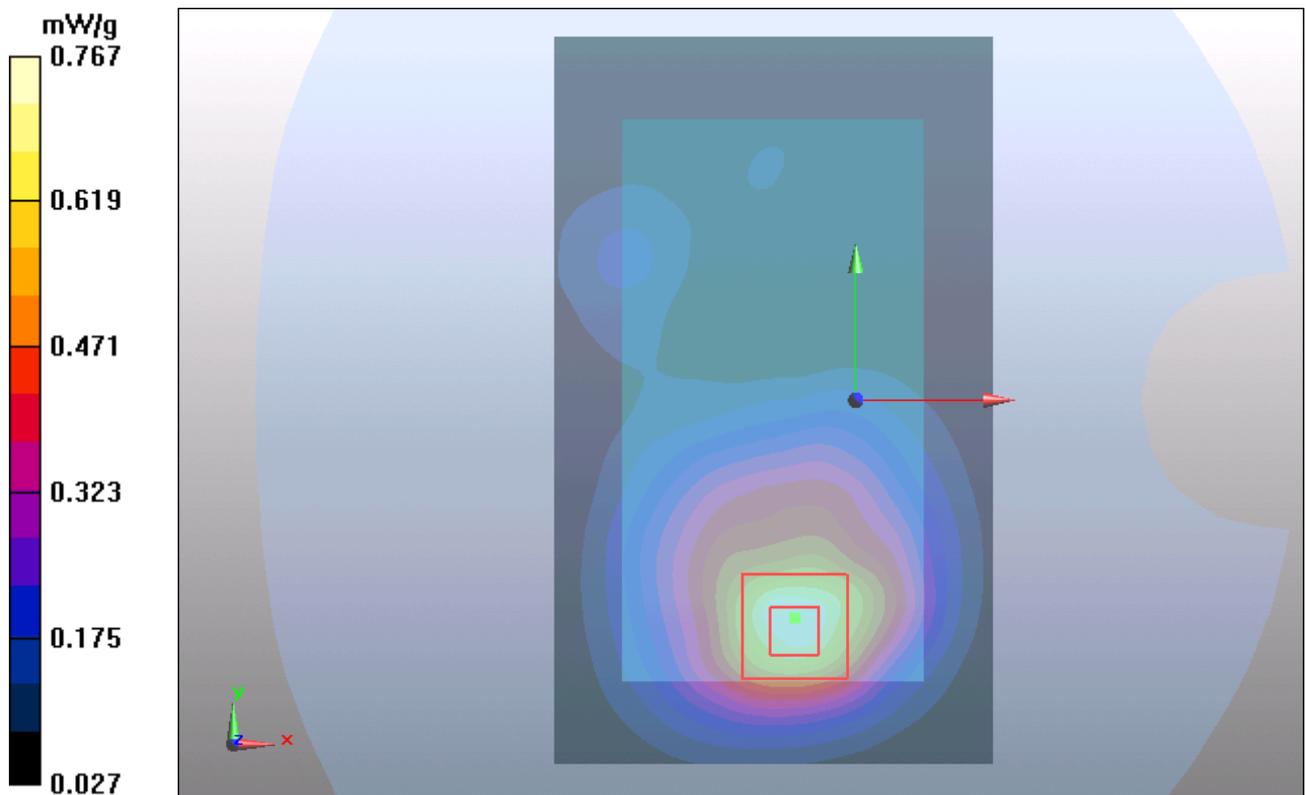


Figure 48 Body, Back Side, GSM 1900 EGPRS (2Txslots) Channel 661

**GSM 1900 GPRS (2Txslots) Back Side Middle (SN: GAGB916XC37L1150)**

Date/Time: 2/25/2012 4:51:20 PM

Communication System: GPRS 2TX ; Frequency: 1880 MHz; Duty Cycle: 1:4.14954

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.741 mW/g

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

Reference Value = 8.42 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.418 mW/g**

Maximum value of SAR (measured) = 0.814 mW/g

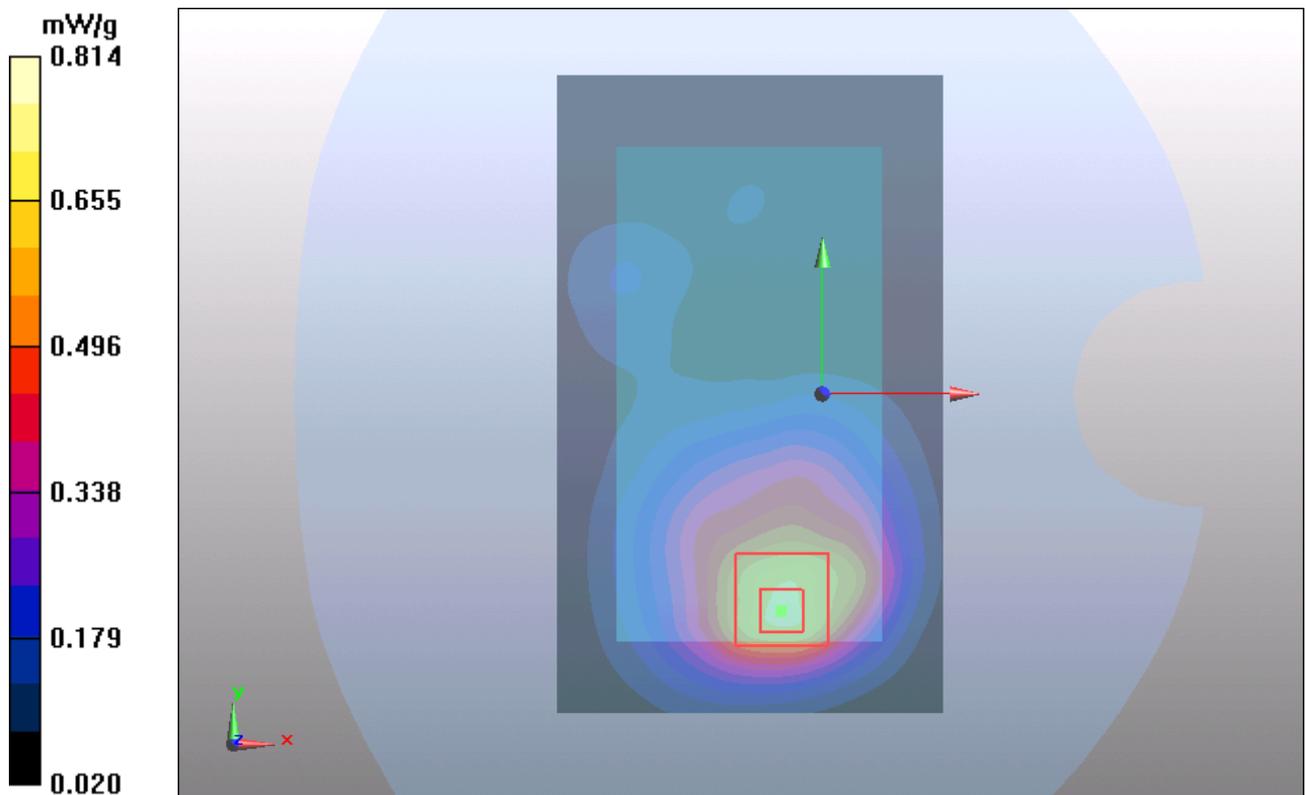


Figure 49 Body, Back Side, GSM 1900 GPRS (2Txslots) Channel 661

**GSM 1900 GPRS (2Txslots) Back Side Middle (SN: BAABB27F97400267)**

Date/Time: 2/25/2012 6:13:09 PM

Communication System: GPRS 2TX ; Frequency: 1880 MHz;Duty Cycle: 1:4.14954

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.784 mW/g

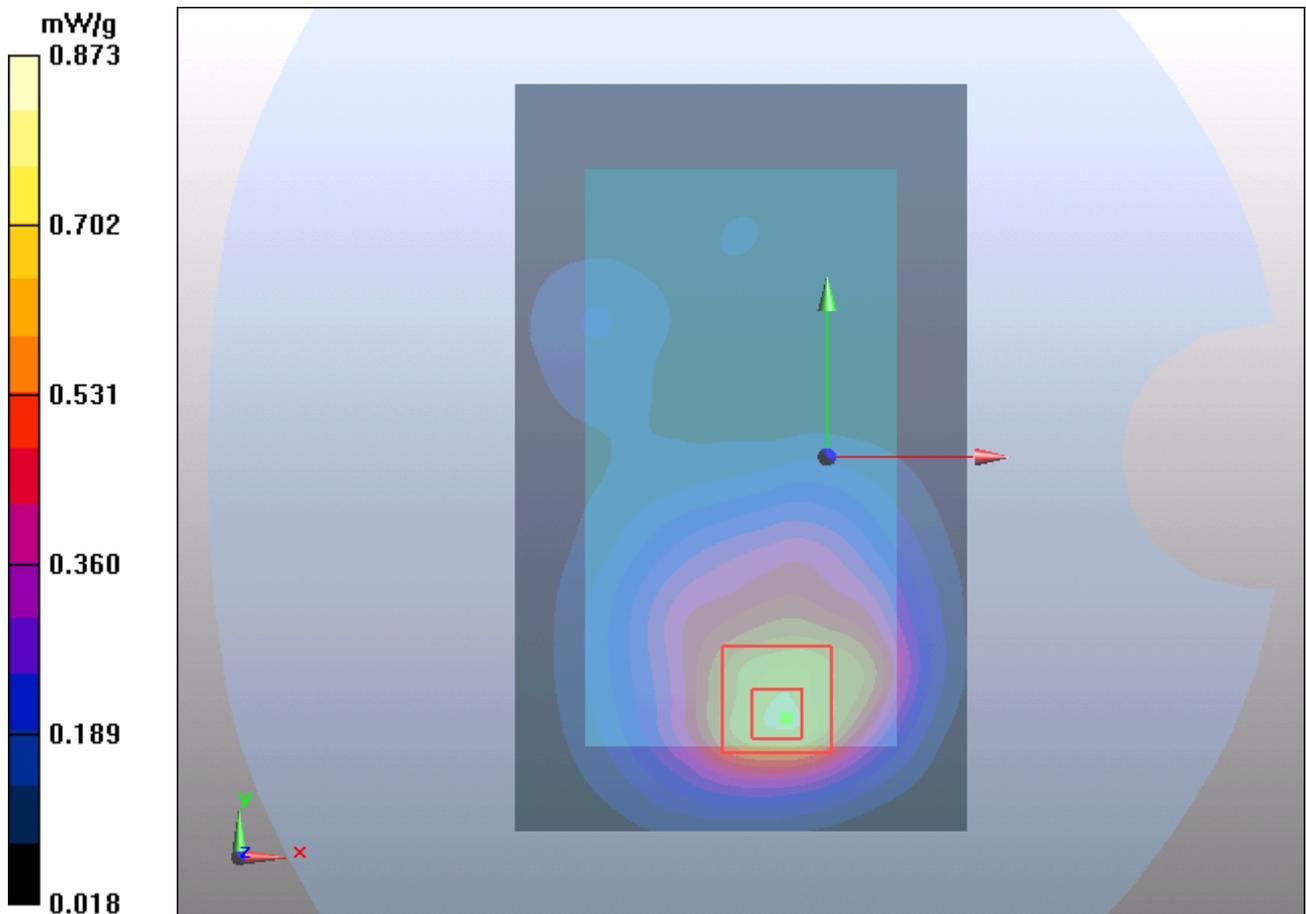
**Back Side Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.47 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (measured) = 0.873 mW/g



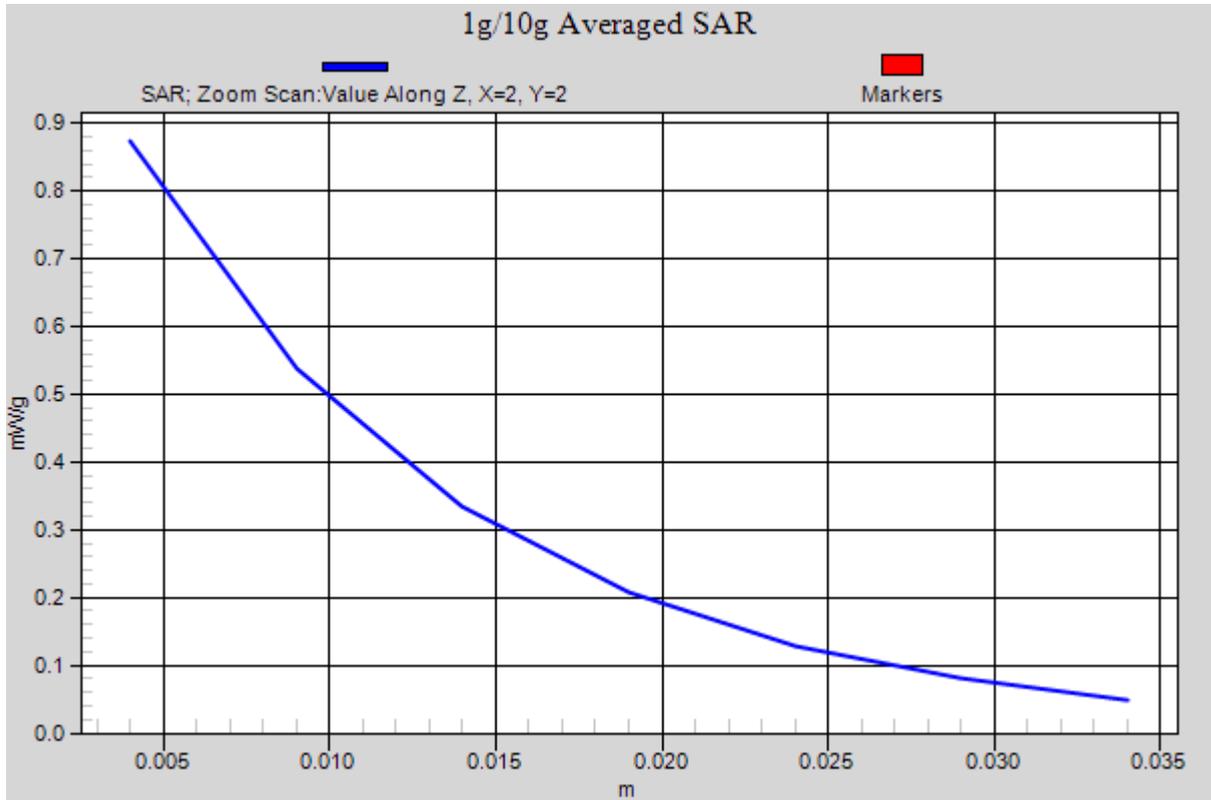


Figure 50 Body, Back Side, GSM 1900 GPRS (2Txslots) Channel 661

**WCDMA Band II Left Cheek Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 12:12:35 PM

Communication System: WCDMA ; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.90, 7.90, 7.90) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.788 mW/g

**Cheek Middle/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 8.12 V/m; Power Drift = -0.057 dB  
Peak SAR (extrapolated) = 0.748 W/kg  
**SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.350 mW/g**  
Maximum value of SAR (measured) = 0.550 mW/g

**Cheek Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 8.12 V/m; Power Drift = -0.057 dB  
Peak SAR (extrapolated) = 1.25 W/kg  
**SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.419 mW/g**  
Maximum value of SAR (measured) = 0.788 mW/g

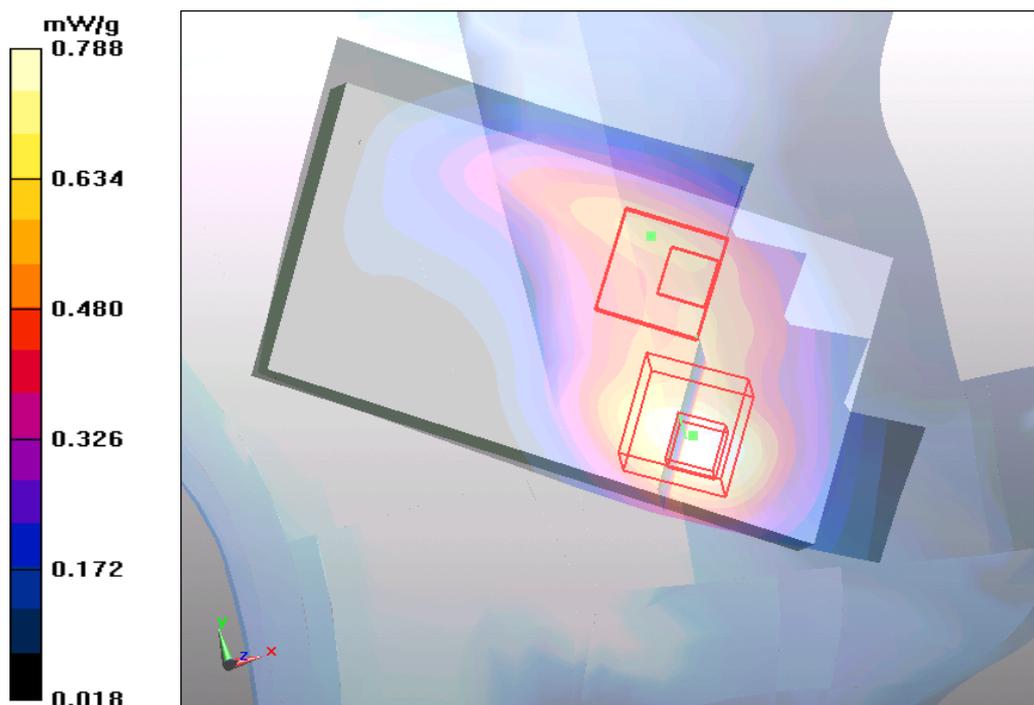


Figure 51 Left Hand Touch Cheek WCDMA Band II Channel 9400

**WCDMA Band II Left Tilt Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 12:35:11 PM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.90, 7.90, 7.90) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Tilt Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.360 mW/g

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

Reference Value = 12.9 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.445 W/kg

**SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 0.301 mW/g

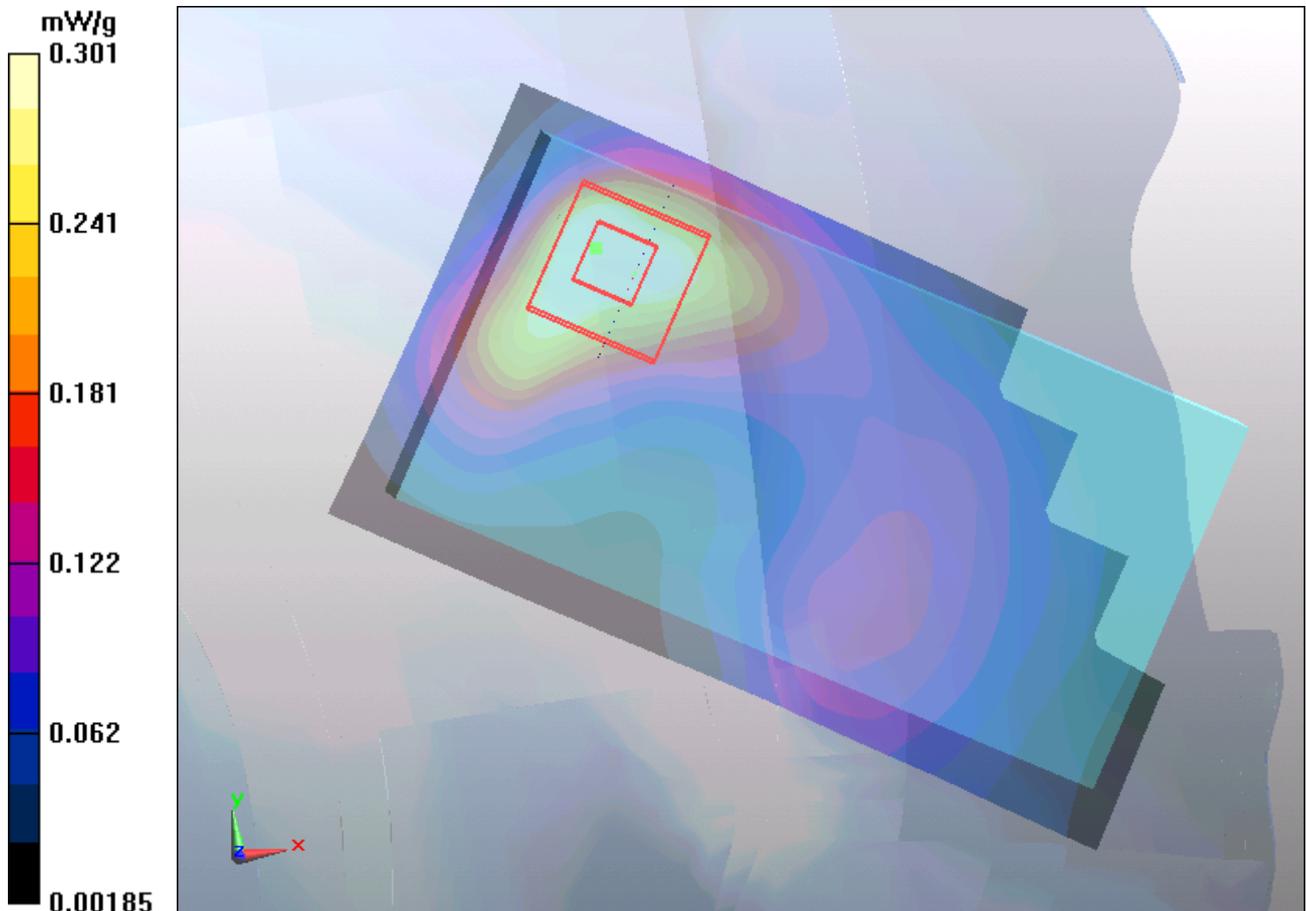


Figure 52 Left Hand Tilt 15° WCDMA Band II Channel 9400

**WCDMA Band II Right Cheek Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 12:54:13 PM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.90, 7.90, 7.90) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.862 mW/g

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

Reference Value = 7.99 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.470 mW/g**

Maximum value of SAR (measured) = 0.808 mW/g

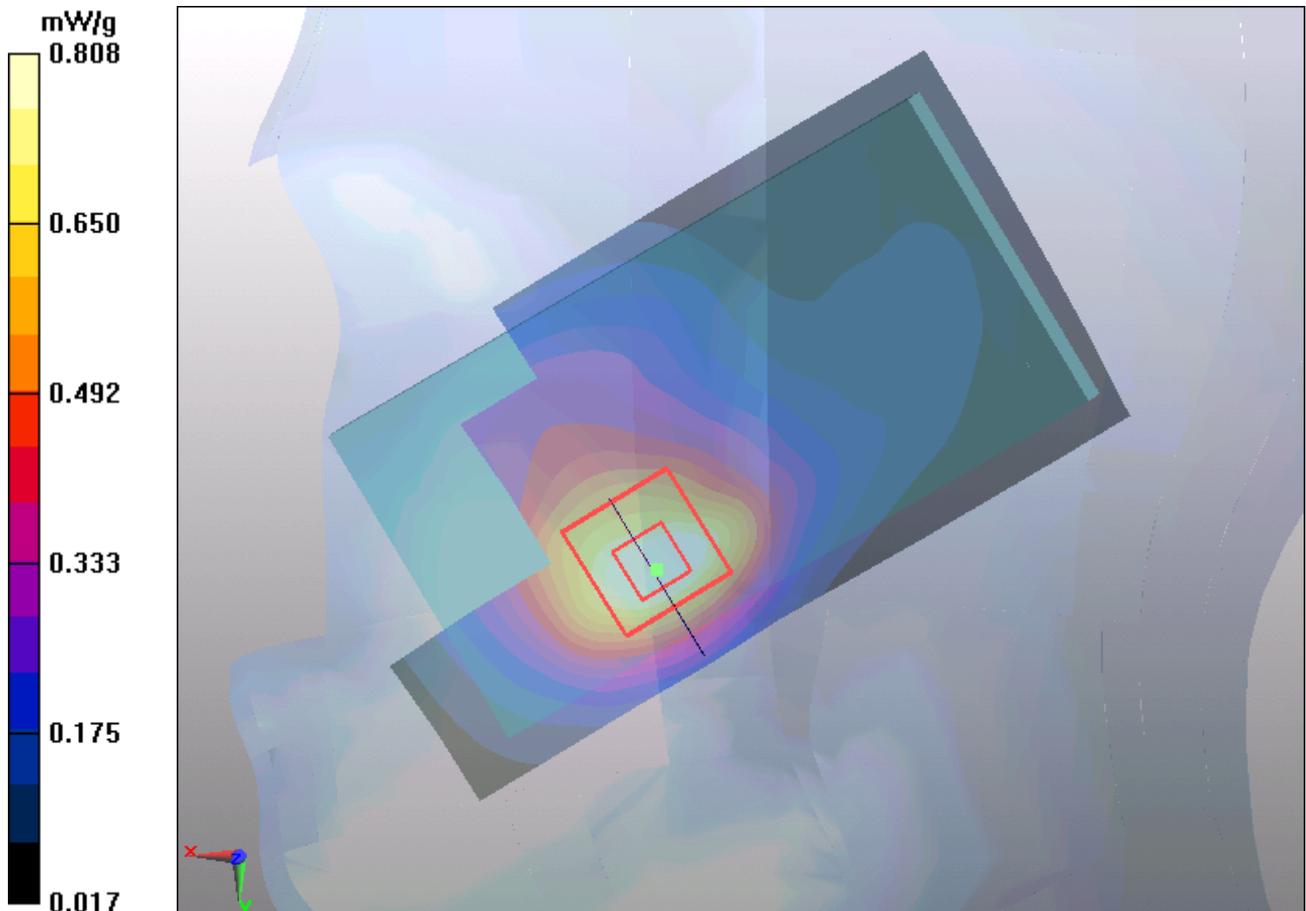


Figure 53 Right Hand Touch Cheek WCDMA Band II Channel 9400

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

**WCDMA Band II Right Tilt Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 3:17:39 PM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.90, 7.90, 7.90) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Tilt Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 14.1 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.446 W/kg

**SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.155 mW/g**

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

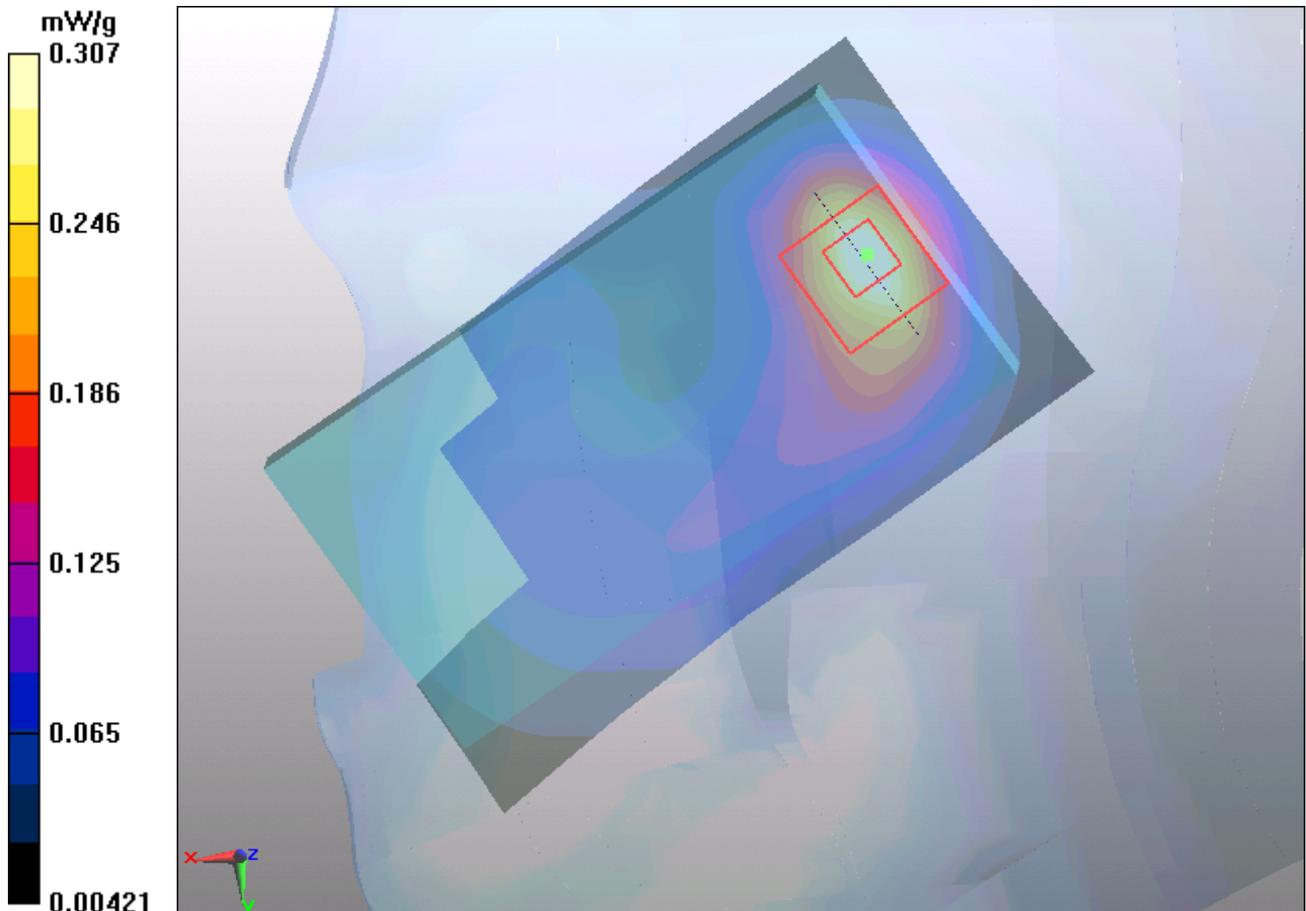


Figure 54 Right Hand Tilt 15° WCDMA Band II Channel 9400

**WCDMA Band II Right Cheek Middle (SN: GAGB916XC37L1150)**

Date/Time: 3/16/2012 1:24:13 PM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.90, 7.90, 7.90) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.857 mW/g

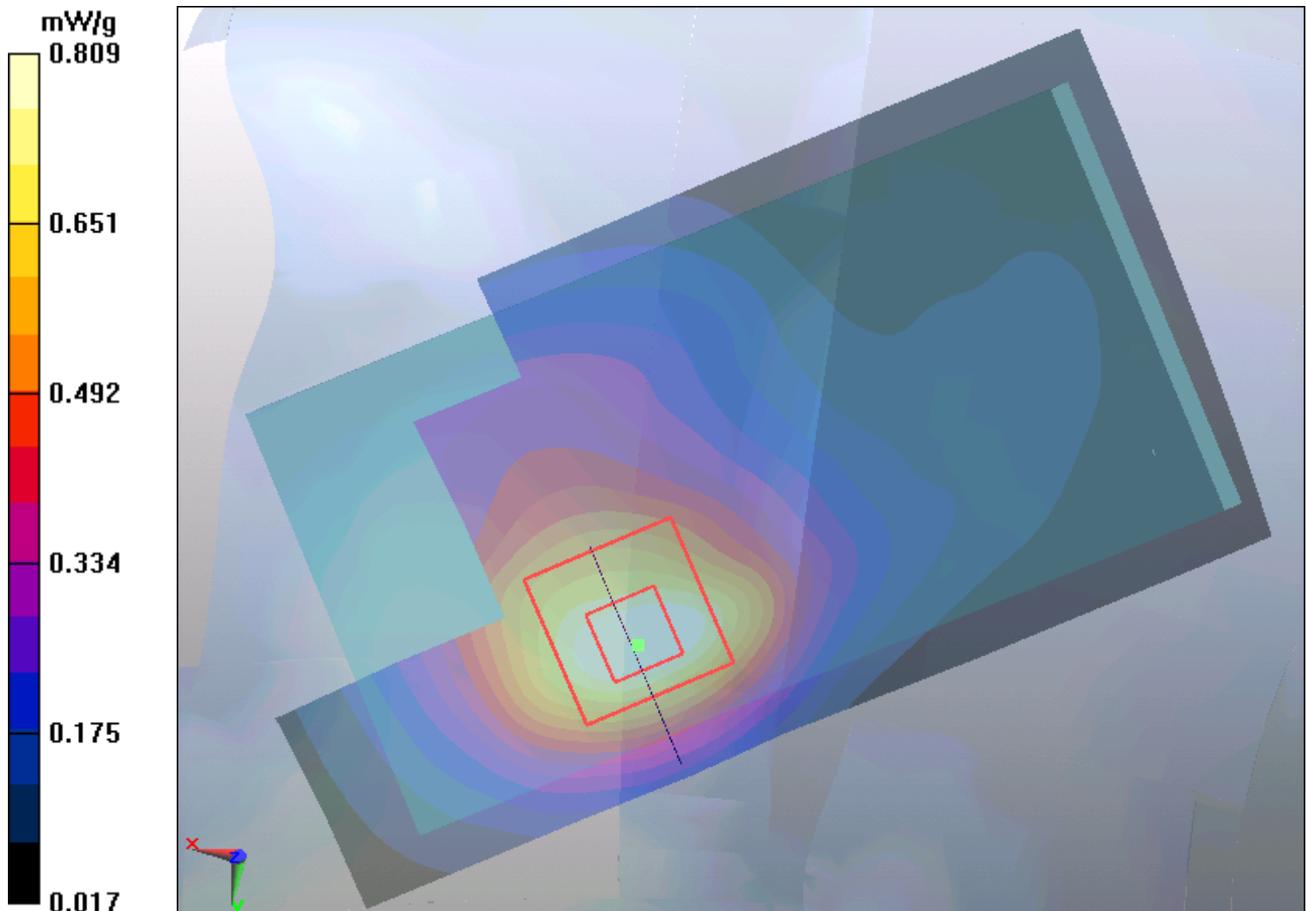
**Cheek Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.99 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.472 mW/g**

Maximum value of SAR (measured) = 0.809 mW/g



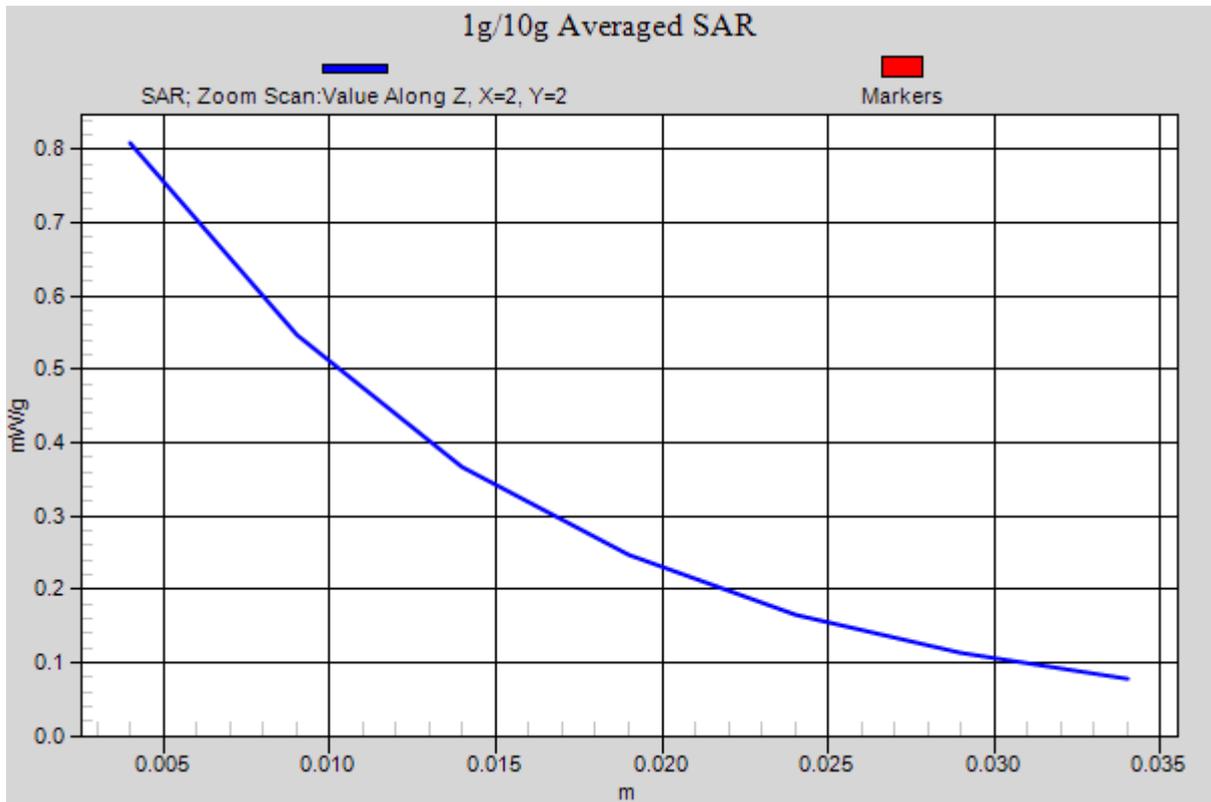


Figure 55 Right Hand Touch Cheek WCDMA Band II Channel 9400

**WCDMA Band II Right Cheek Middle (SN: BAABB27F97400267)**

Date/Time: 3/16/2012 1:09:19 PM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.90, 7.90, 7.90) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.856 mW/g

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

Reference Value = 8.02 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.470 mW/g**

Maximum value of SAR (measured) = 0.806 mW/g

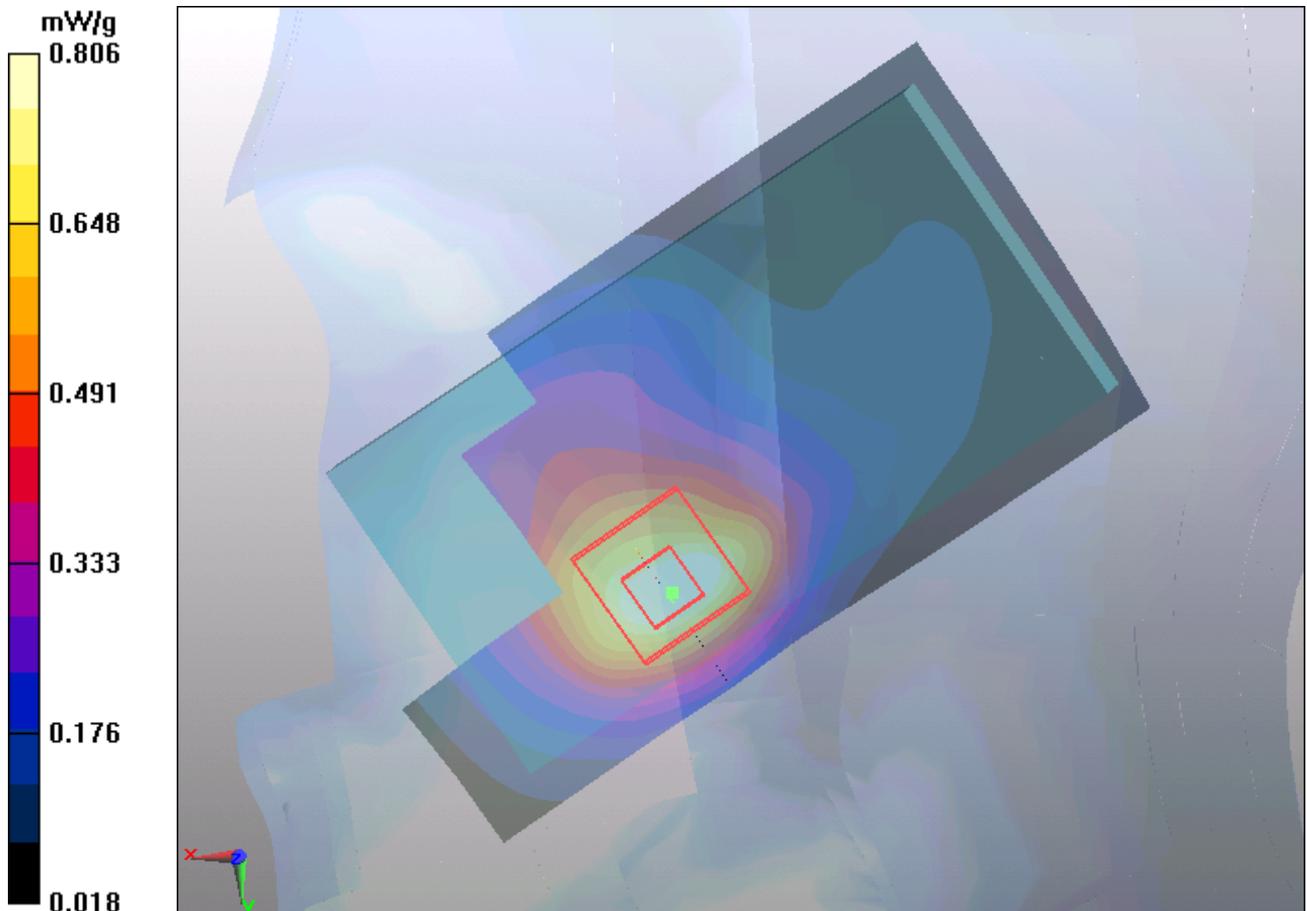


Figure 56 Right Hand Touch Cheek WCDMA Band II Channel 9400

**WCDMA Band II Back Side High (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 10:06:06 AM

Communication System: WCDMA ; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side High/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.17 mW/g

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

Reference Value = 13.7 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.614 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g

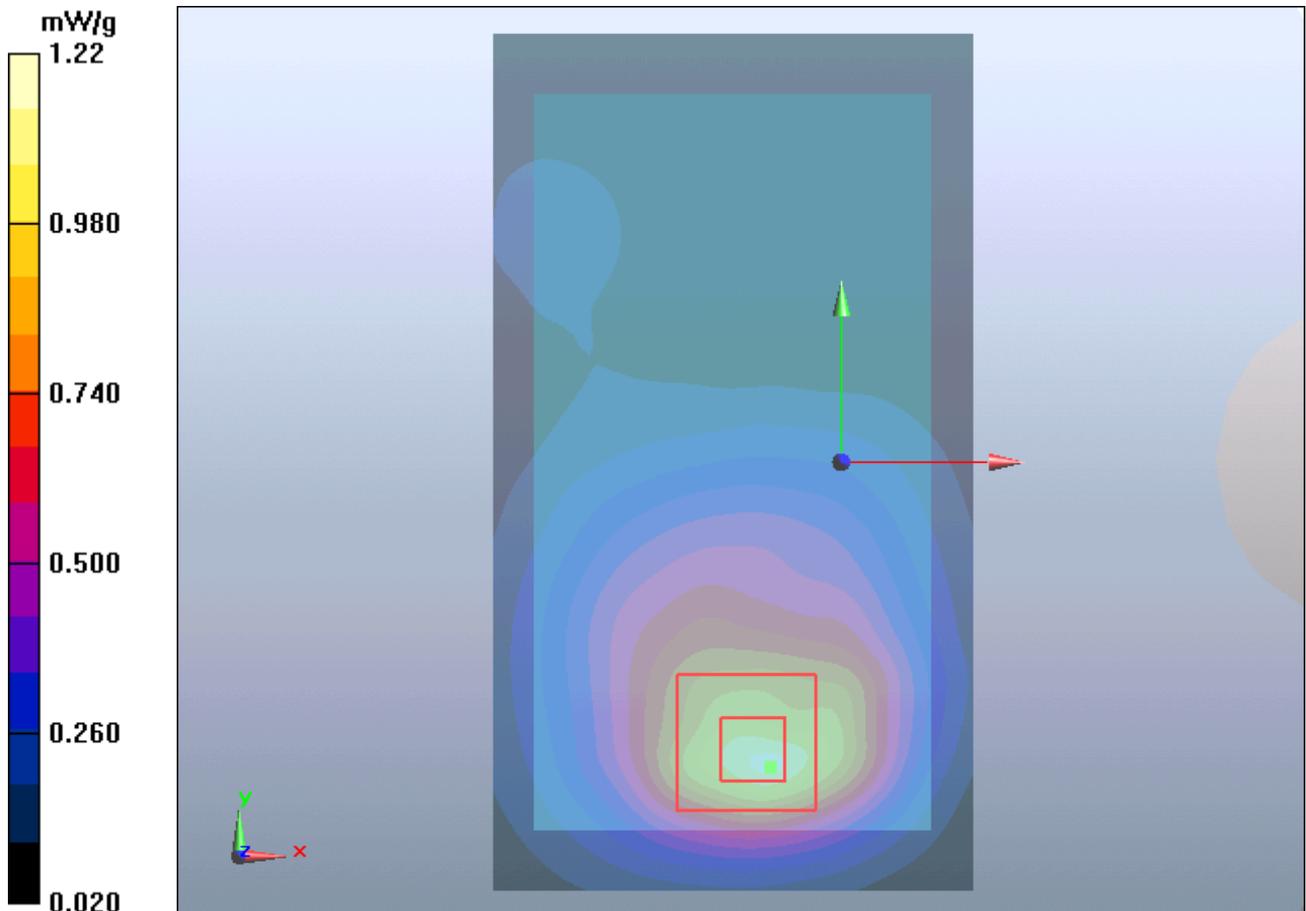


Figure 57 Body, Back Side, WCDMA Band II Channel 9538

**WCDMA Band II Back Side Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 9:35:23 AM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 12.2 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.613 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g

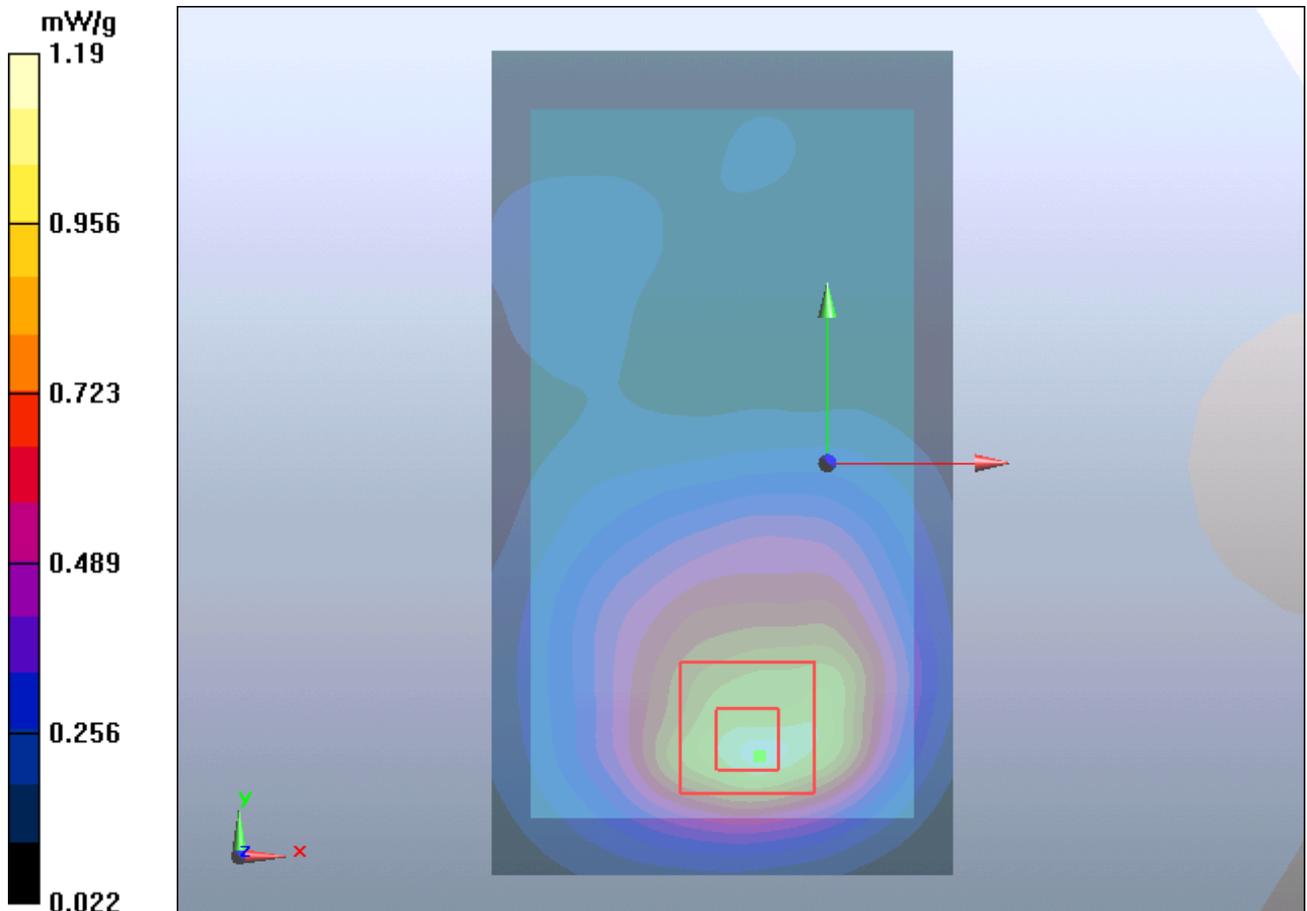


Figure 58 Body, Back Side, WCDMA Band II Channel 9400

**WCDMA Band II Back Side Low (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 9:50:15 AM

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

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

Reference Value = 12.1 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 1.9 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.673 mW/g**

Maximum value of SAR (measured) = 1.28 mW/g

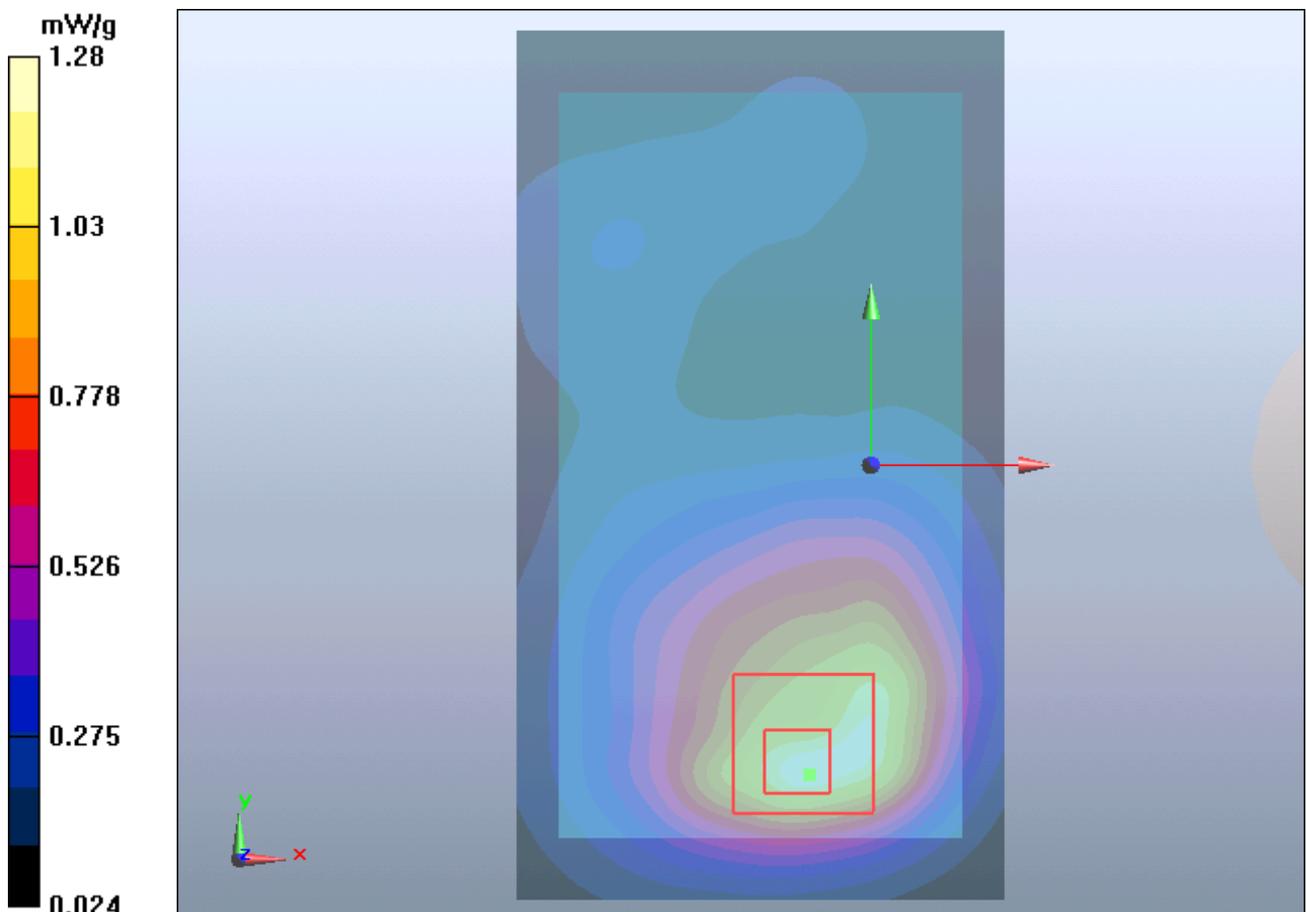


Figure 59 Body, Back Side, WCDMA Band II Channel 9262

**WCDMA Band II Front Side High (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 6:56:29 AM

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Towards Ground High/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

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

Reference Value = 11.7 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.563 mW/g**

Maximum value of SAR (measured) = 0.971 mW/g

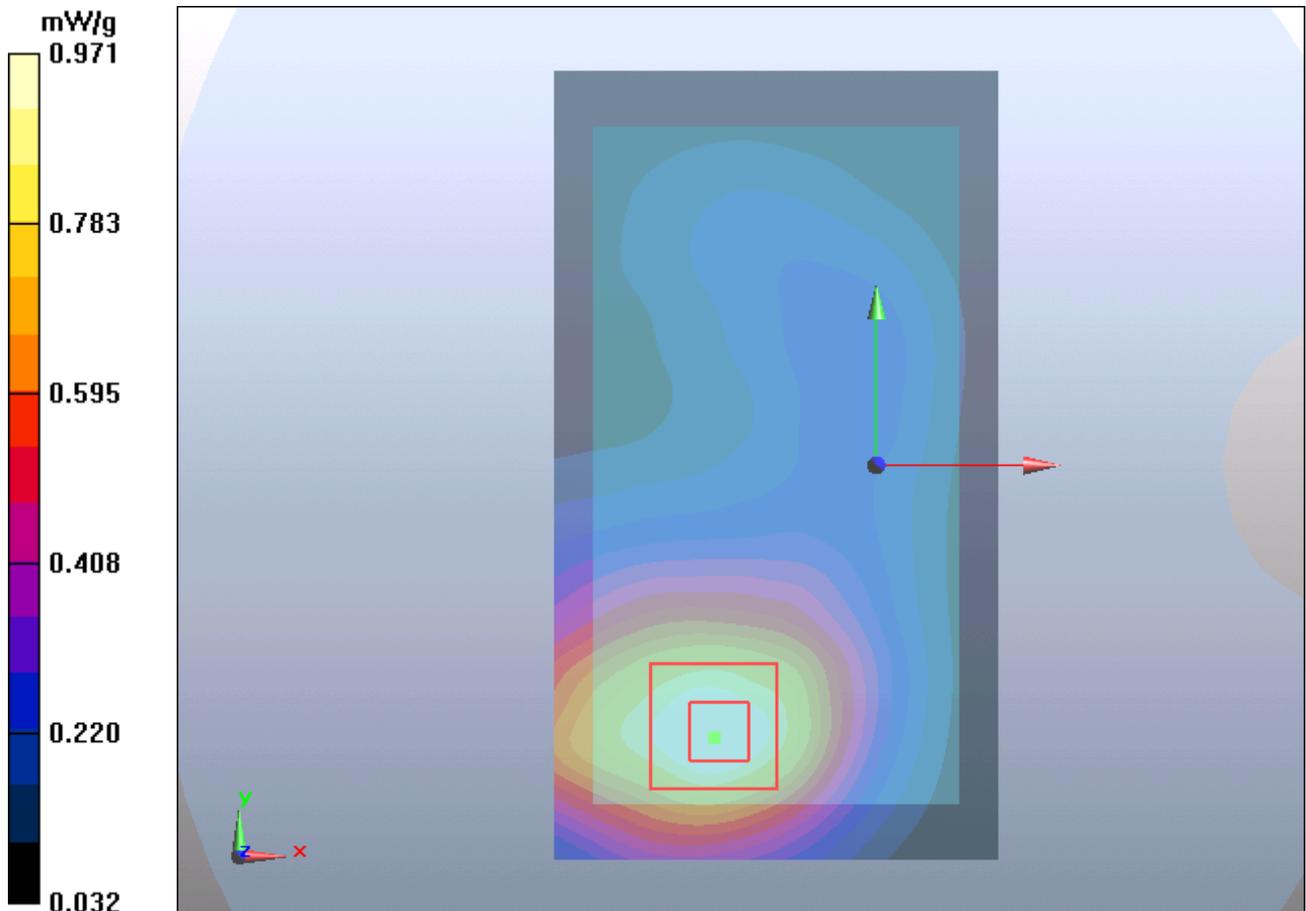


Figure 60 Body, Front Side, WCDMA Band II Channel 9538

**WCDMA Band II Front Side Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 11:10:54 AM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Front Side Middle/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.868 mW/g

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

Reference Value = 10.5 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.523 mW/g**

Maximum value of SAR (measured) = 0.905 mW/g

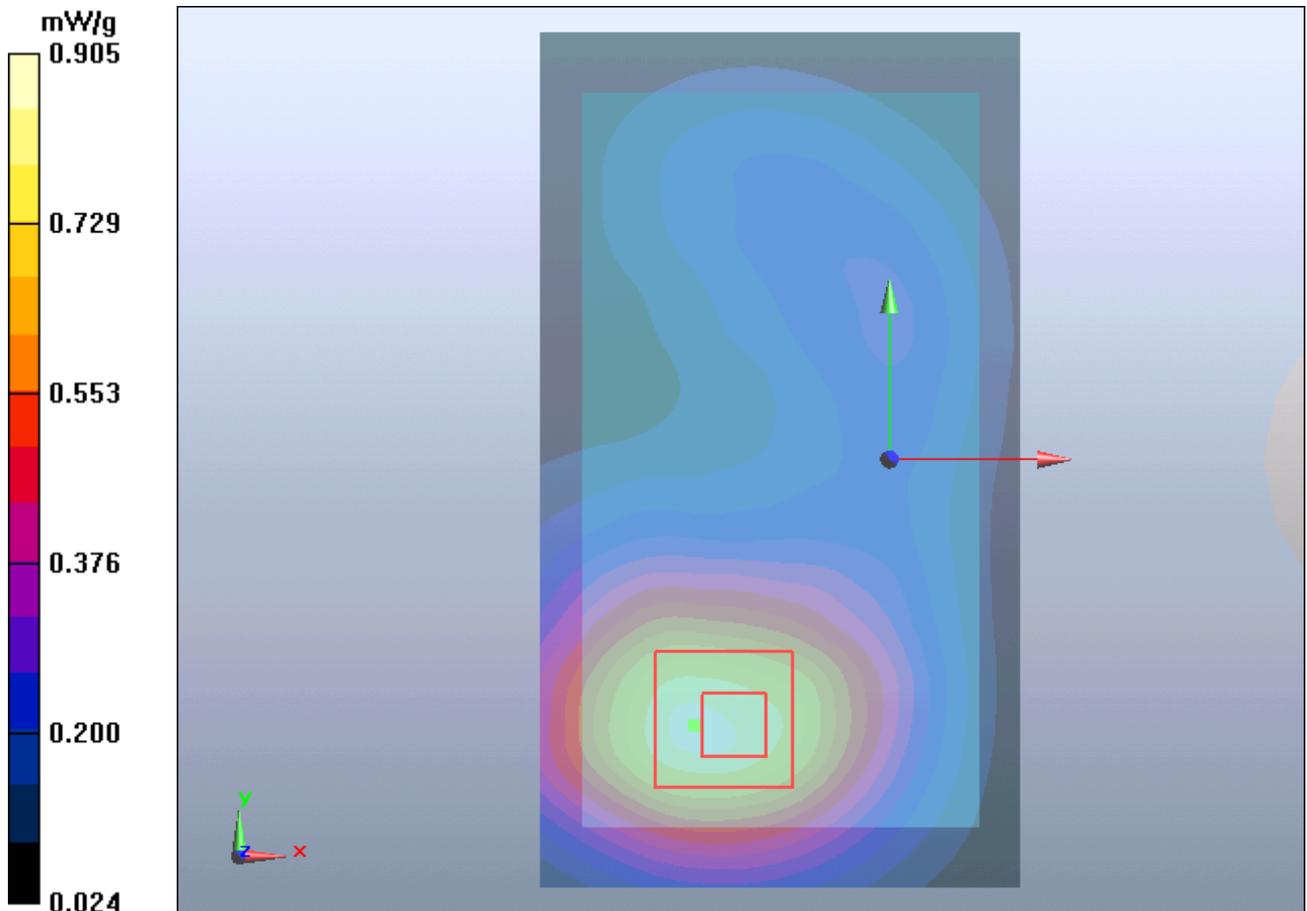


Figure 61 Body, Front Side, WCDMA Band II Channel 9400

**WCDMA Band II Front Side Low (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 7:11:48 AM

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Towards Ground Low/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

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

Reference Value = 12.1 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.601 mW/g**

Maximum value of SAR (measured) = 1 mW/g

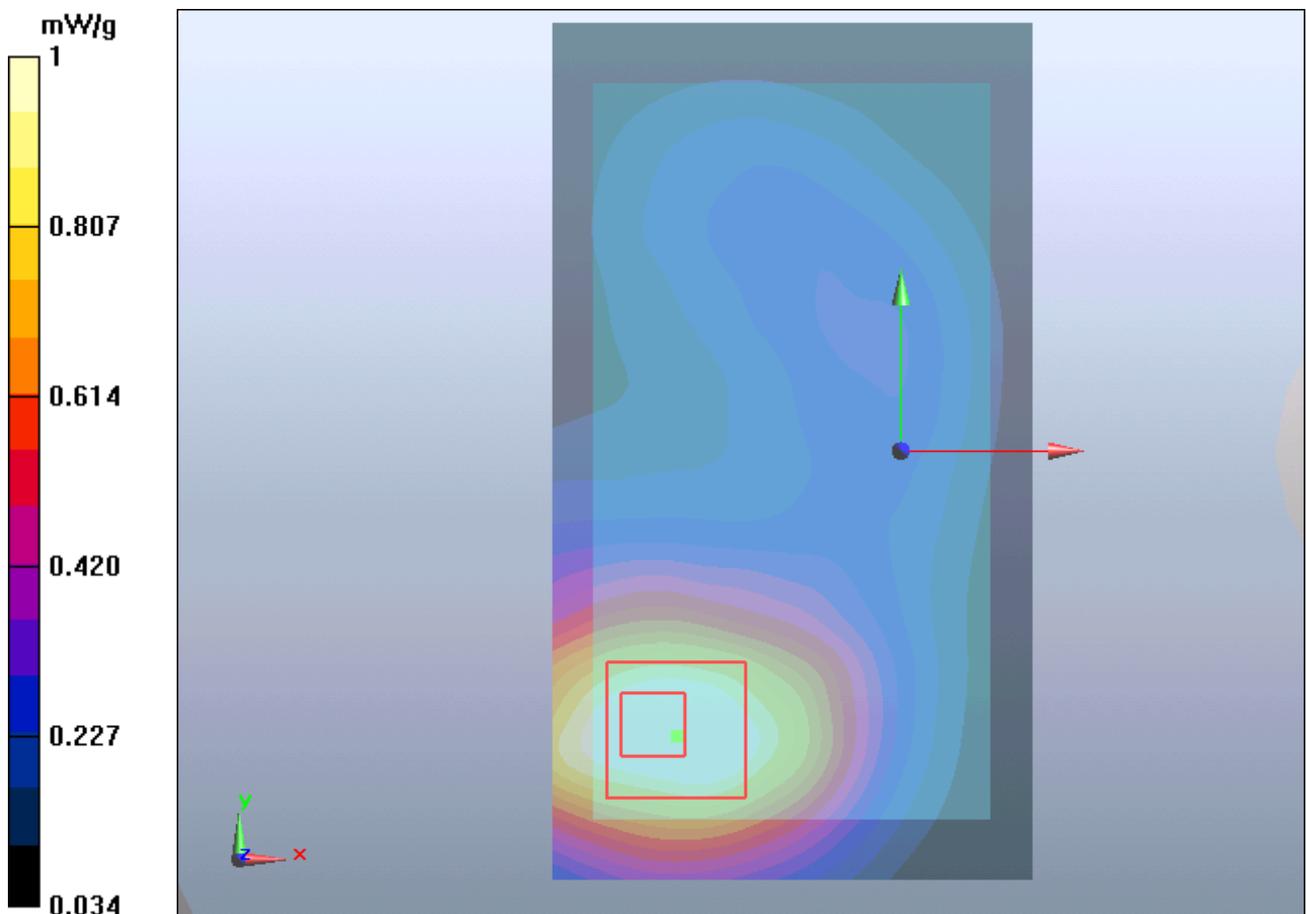


Figure 62 Body, Front Side, WCDMA Band II Channel 9262

**WCDMA Band II Left Edge Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 11:36:08 AM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Left Edge Middle/Area Scan (31x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.311 mW/g

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

Reference Value = 10.8 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.154 mW/g**

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

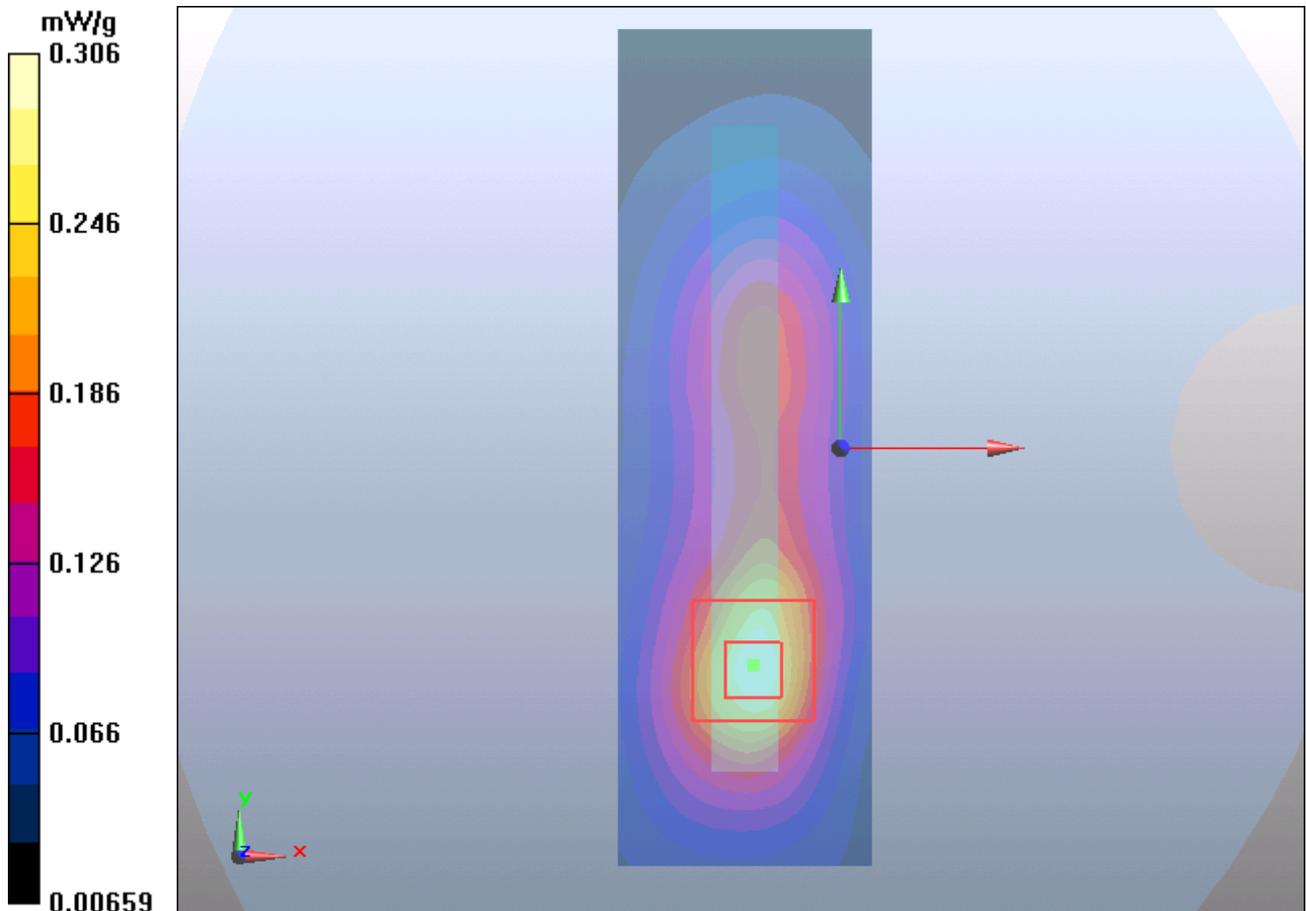


Figure 63 Body, Left Edge, WCDMA Band II Channel 9400

**WCDMA Band II Right Edge Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/15/2012 4:02:34 PM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Right Edge Middle/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.224 mW/g

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

Reference Value = 7.7 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.211 mW/g

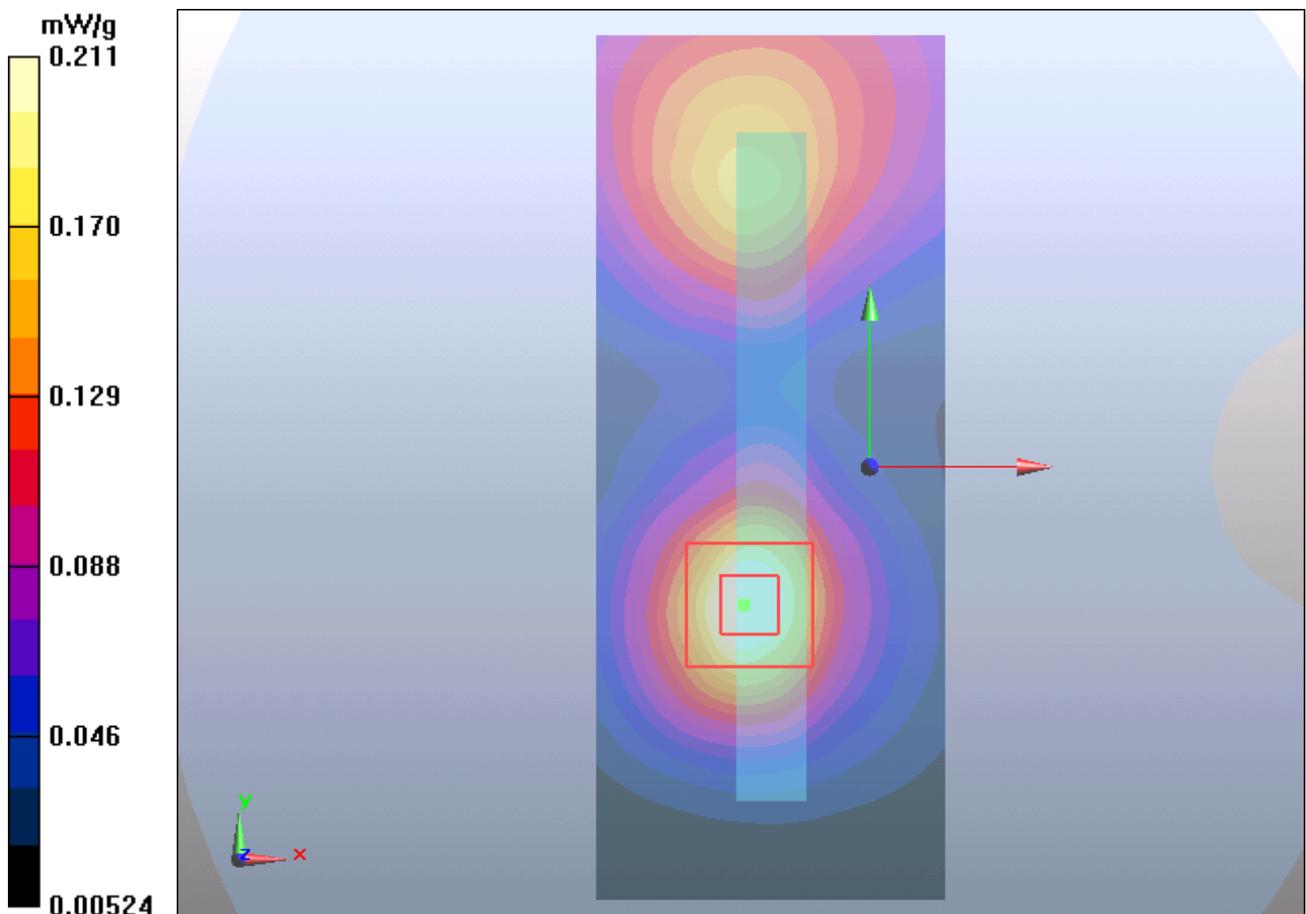


Figure 64 Body, Right Edge, WCDMA Band II Channel 9400

**WCDMA Band II Bottom Edge Middle (SN: WHCBB22HI46N1976)**

Date/Time: 3/15/2012 4:25:45 PM

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Bottom Edge Middle/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.809 mW/g

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

Reference Value = 22.5 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.401 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g

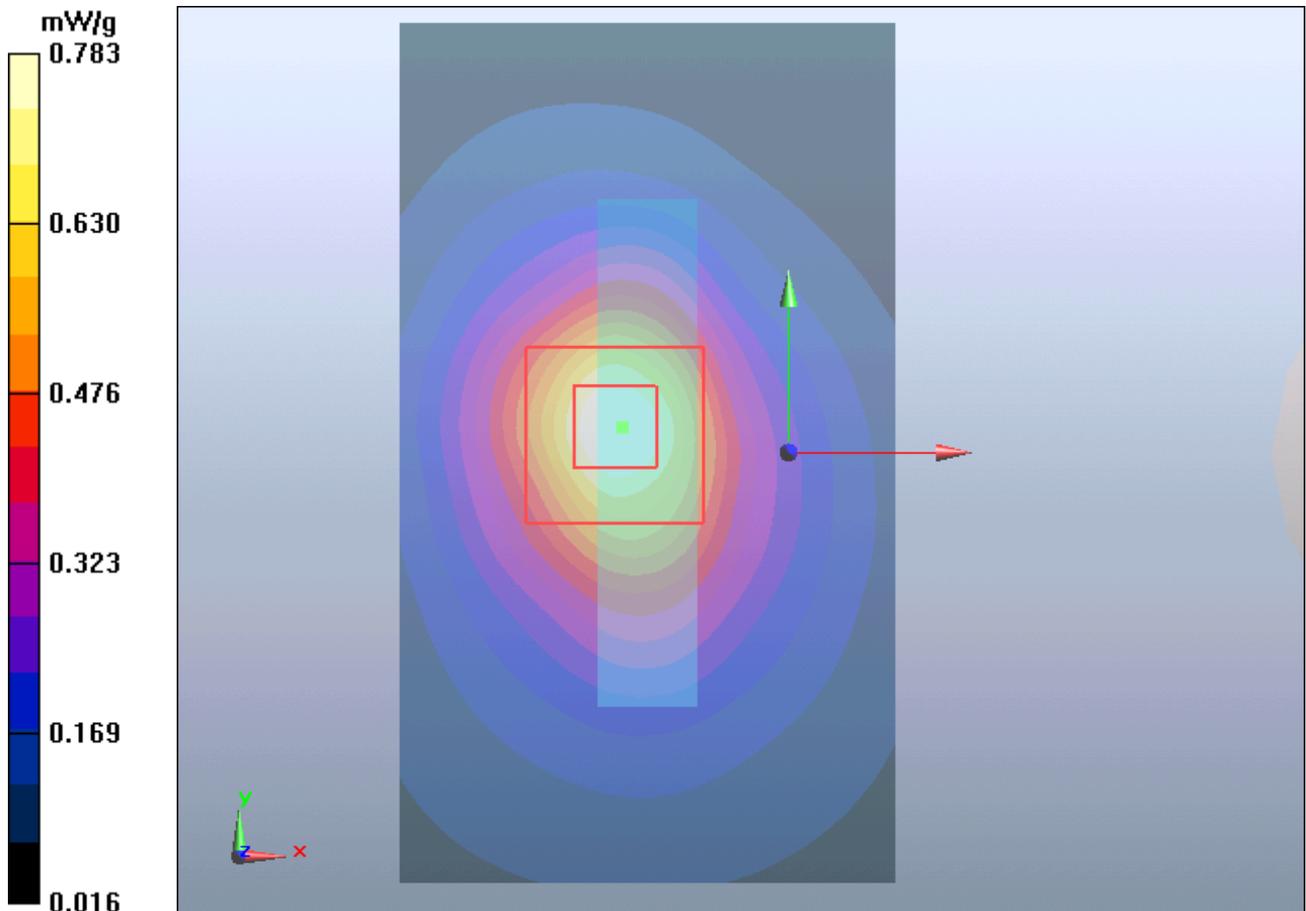


Figure 65 Body, Bottom Edge, WCDMA Band II Channel 9400

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

**WCDMA Band II with Earphone Back Side Low (SN: WHCBB22HI46N1976)**

Date/Time: 3/16/2012 10:54:08 AM

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

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

Reference Value = 12.7 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.9 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.664 mW/g**

Maximum value of SAR (measured) = 1.28 mW/g

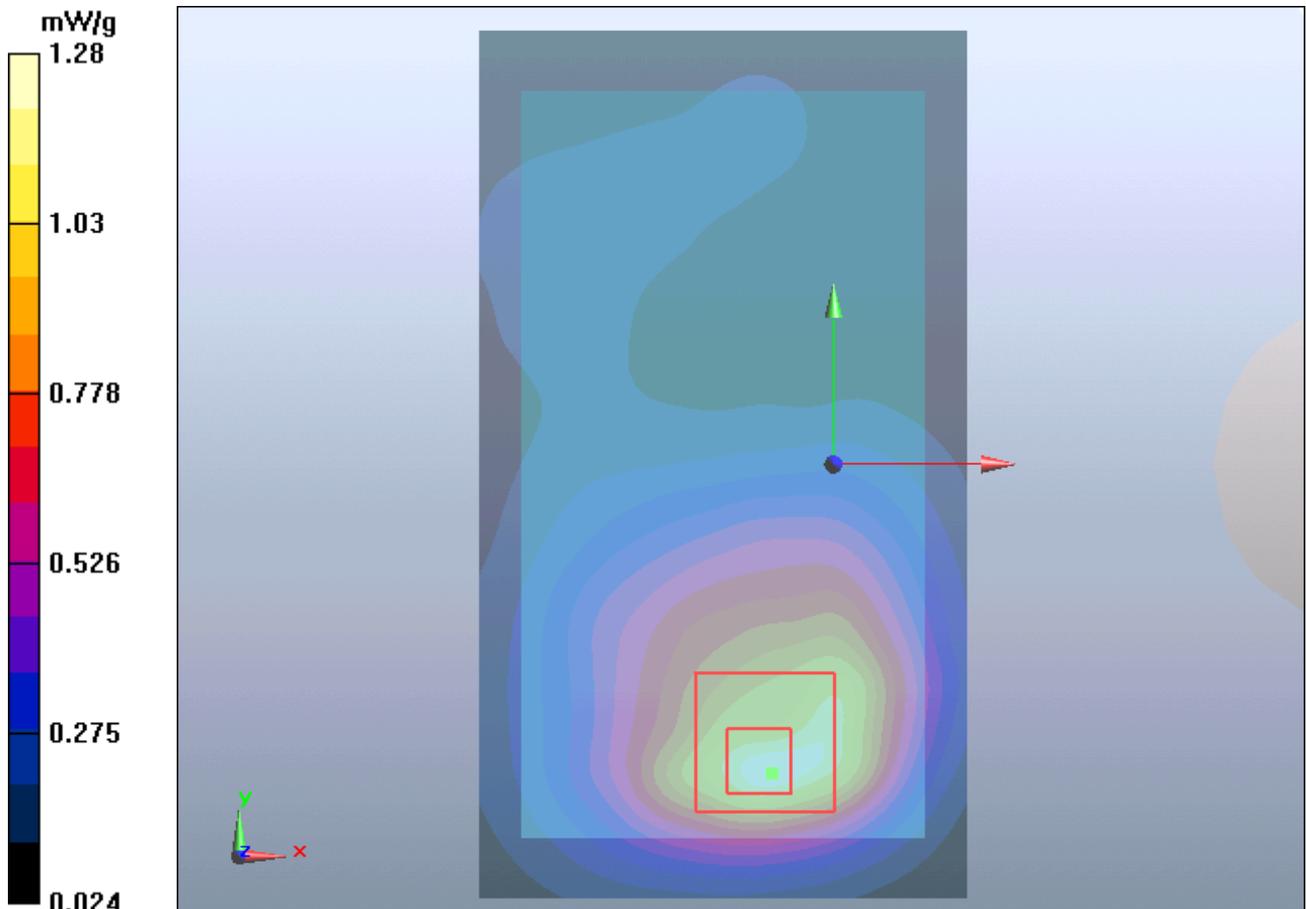


Figure 66 Body with Earphone, Back Side, WCDMA Band II Channel 9262

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

**WCDMA Band II Back Side Low (SN: GAGB916XC37L1150)**

Date/Time: 3/16/2012 10:38:17 AM

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

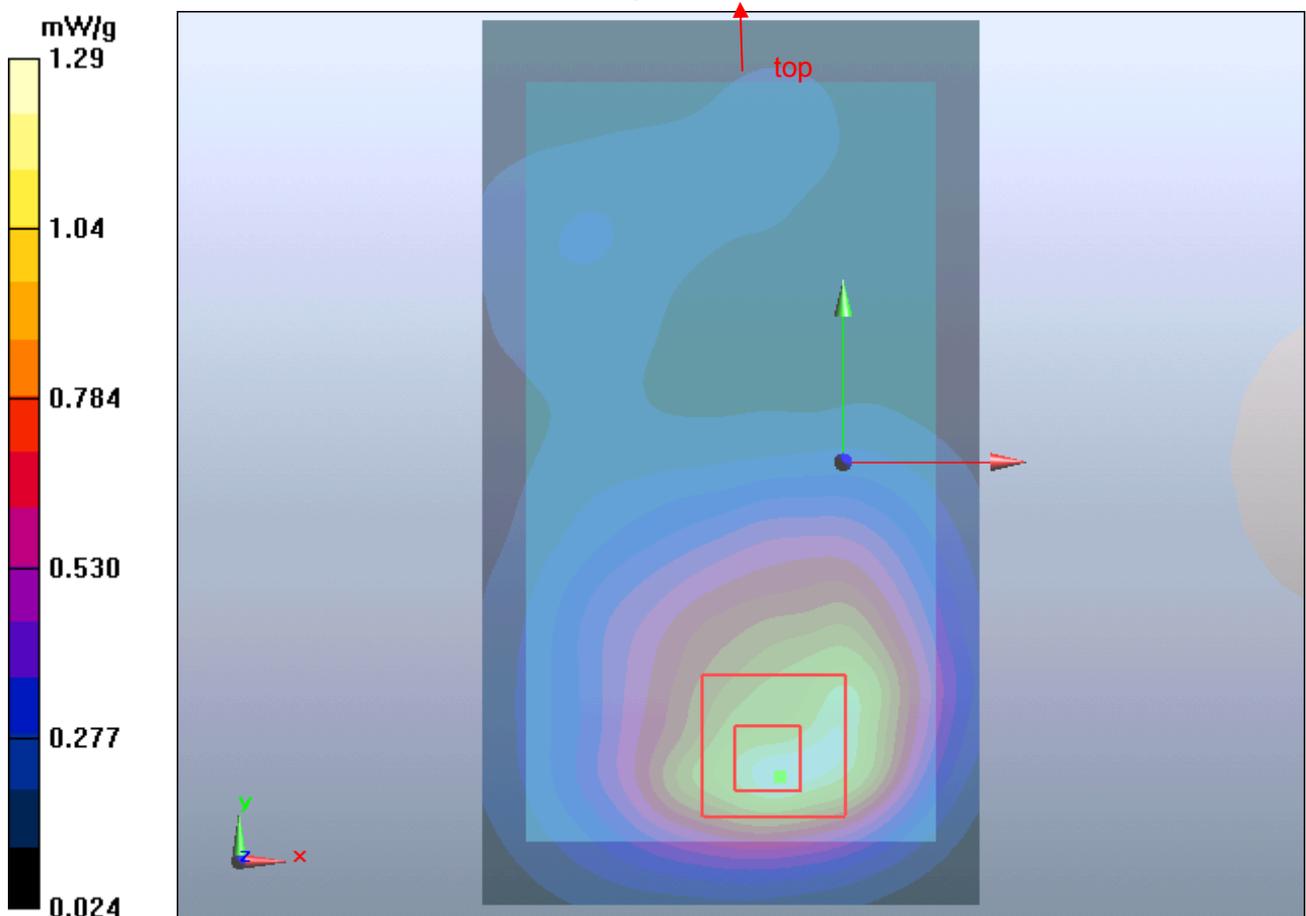
**Back Side Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.681 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



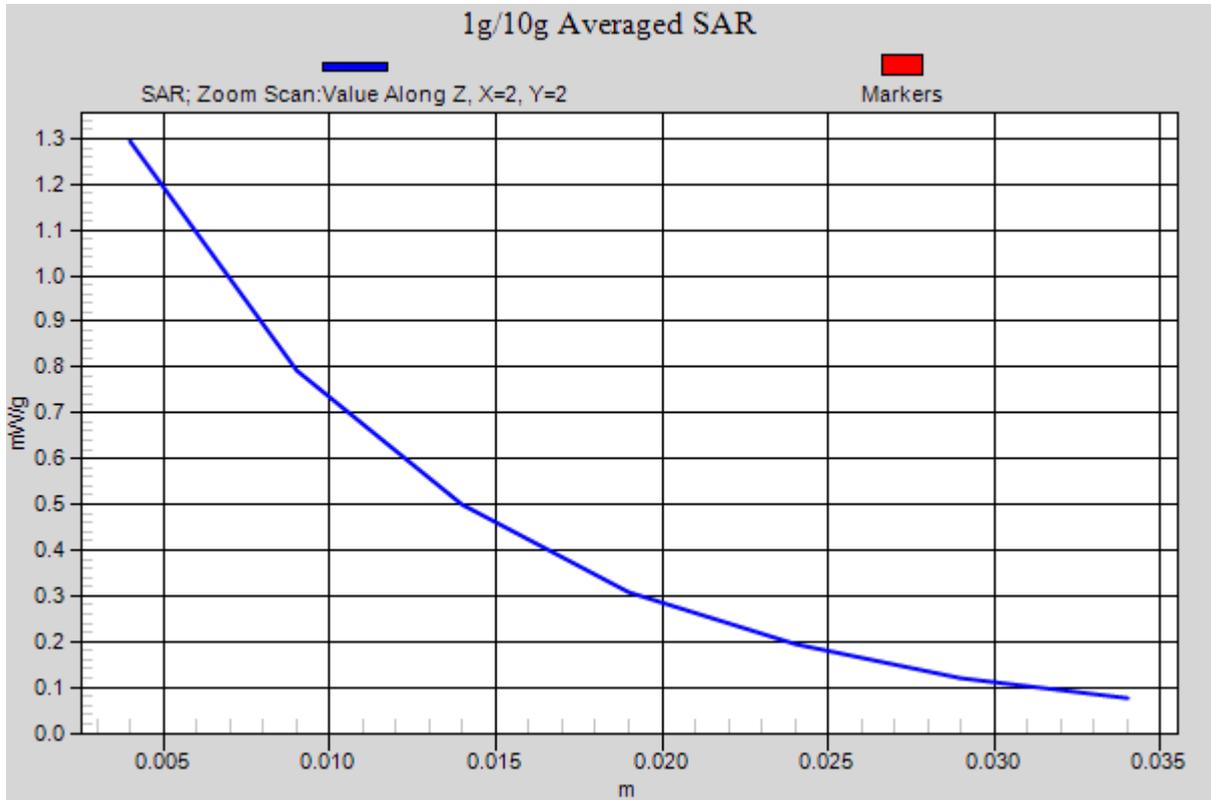


Figure 67 Body, Back Side, WCDMA Band II Channel 9262

**WCDMA Band II Back Side Low (SN: BAABB27F97400267)**

Date/Time: 3/16/2012 10:22:03 AM

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.51, 7.51, 7.51) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

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

Reference Value = 12.2 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.9 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.674 mW/g**

Maximum value of SAR (measured) = 1.28 mW/g

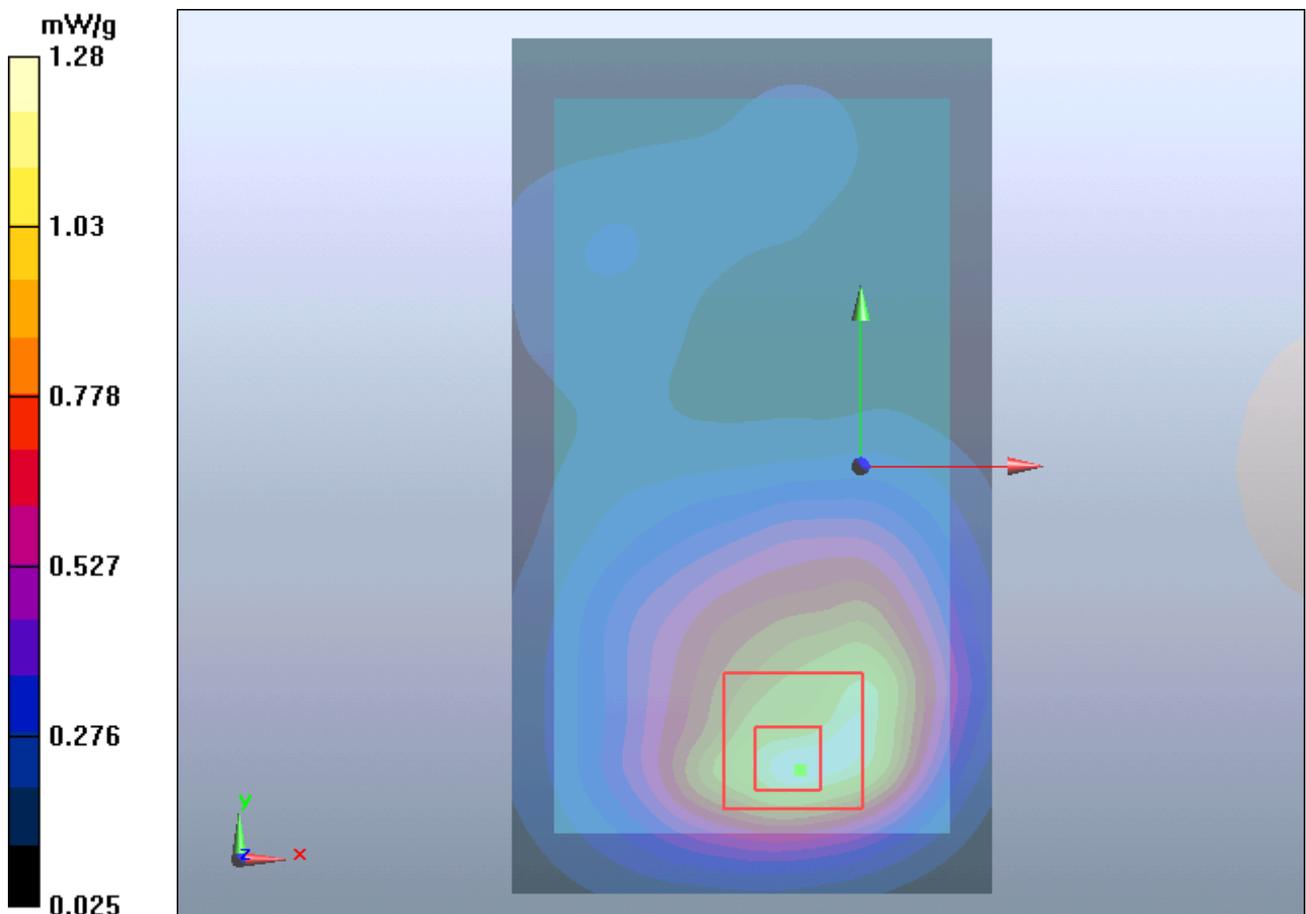


Figure 68 Body, Back Side, WCDMA Band II Channel 9262

**WCDMA Band V Left Cheek Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/23/2012 10:39:22 AM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.22, 9.22, 9.22) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.396 mW/g

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

Reference Value = 8.52 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 0.402 mW/g

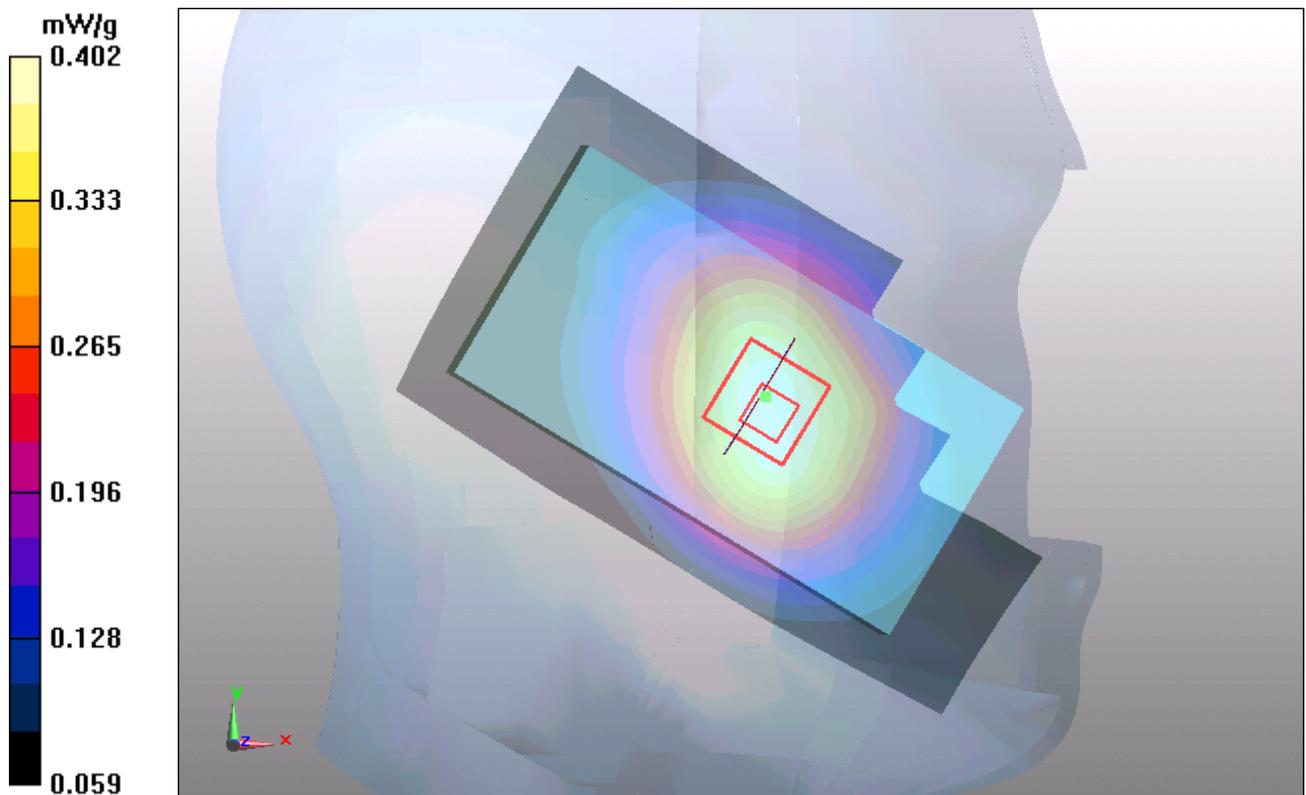


Figure 69 Left Hand Touch Cheek WCDMA Band V Channel 4183

**WCDMA Band V Left Tilt Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/23/2012 10:55:52 AM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.22, 9.22, 9.22) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Tilt Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.331 mW/g

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

Reference Value = 14.2 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.378 W/kg

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 0.333 mW/g

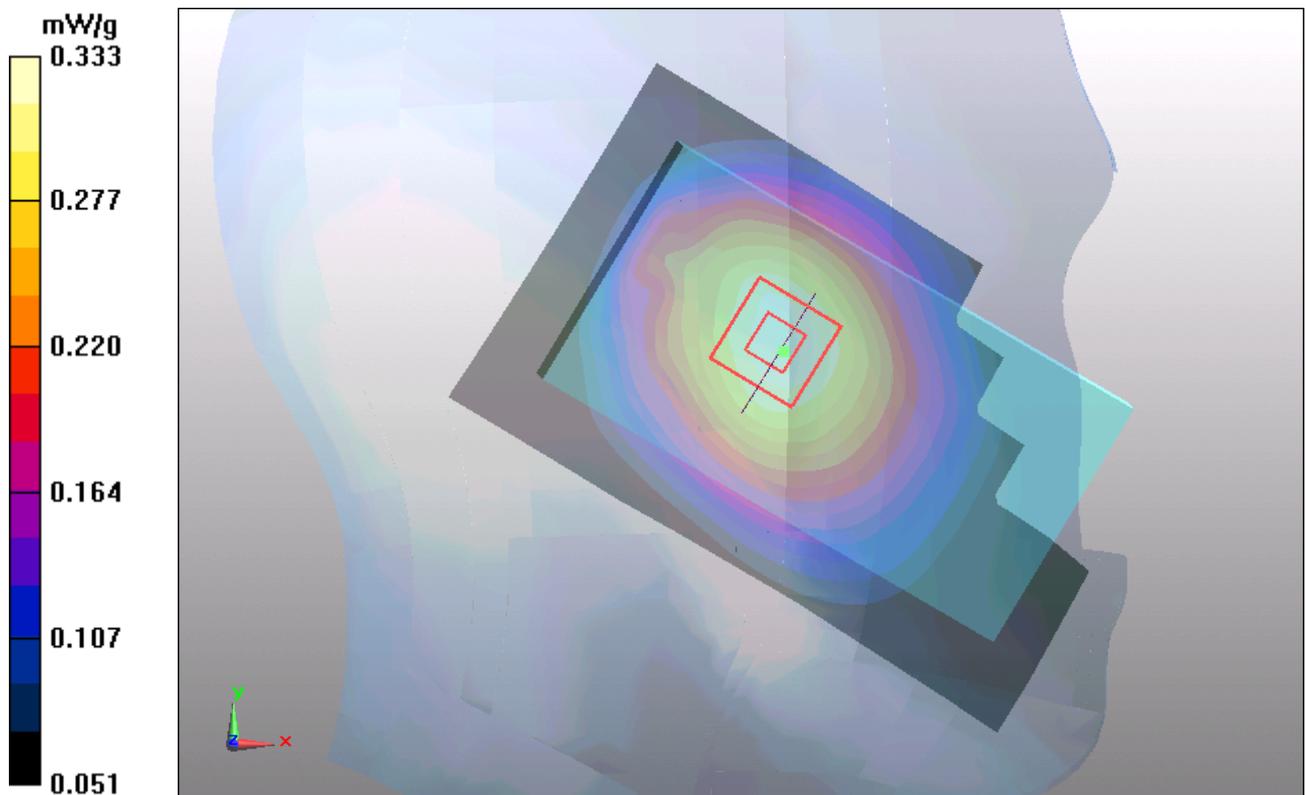


Figure 70 Left Hand Tilt 15° WCDMA Band V Channel 4183

**WCDMA Band V Right Cheek Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/23/2012 11:14:22 AM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.22, 9.22, 9.22) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.455 mW/g

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

Reference Value = 8.67 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.528 W/kg

**SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.336 mW/g**

Maximum value of SAR (measured) = 0.454 mW/g

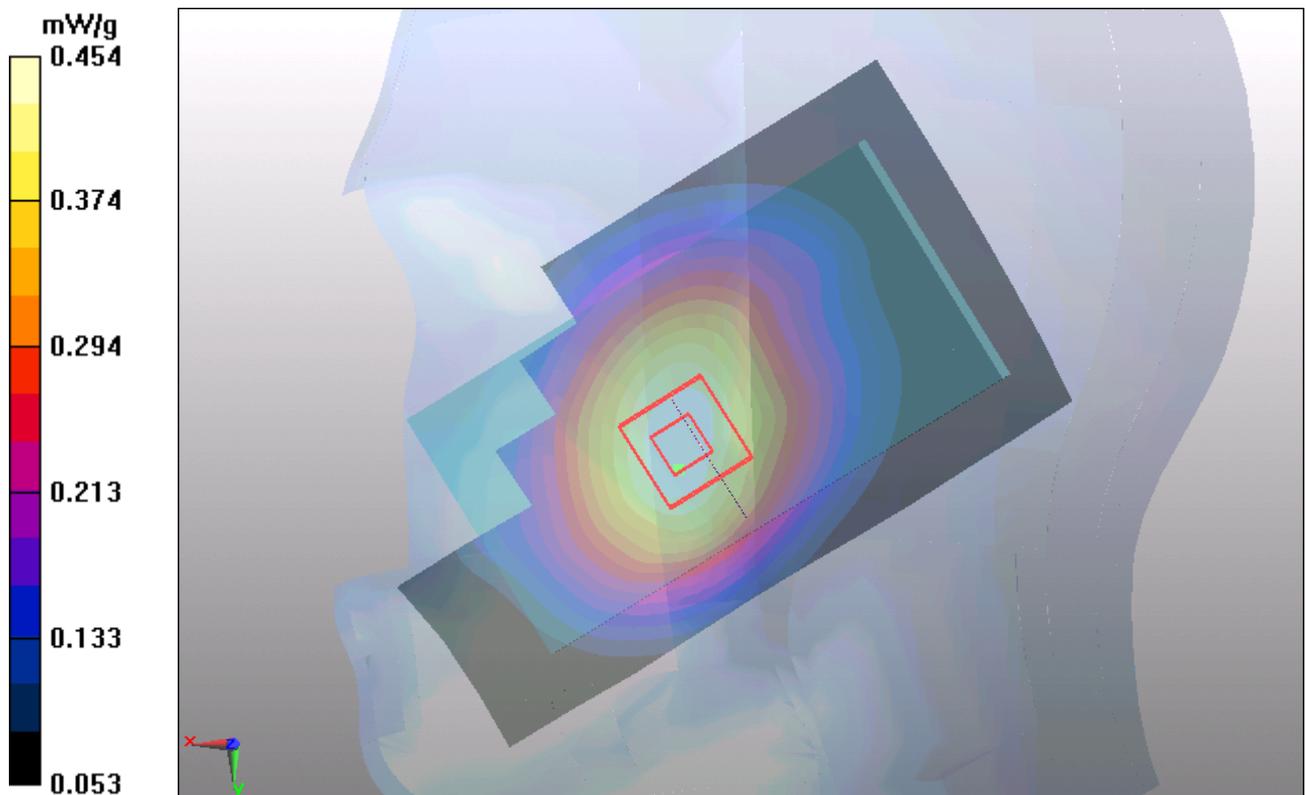


Figure 71 Right Hand Touch Cheek WCDMA Band V Channel 4183

**WCDMA Band V Right Tilt Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/23/2012 11:31:33 AM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.22, 9.22, 9.22) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Tilt Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.337 mW/g

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

Reference Value = 14.6 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.334 mW/g

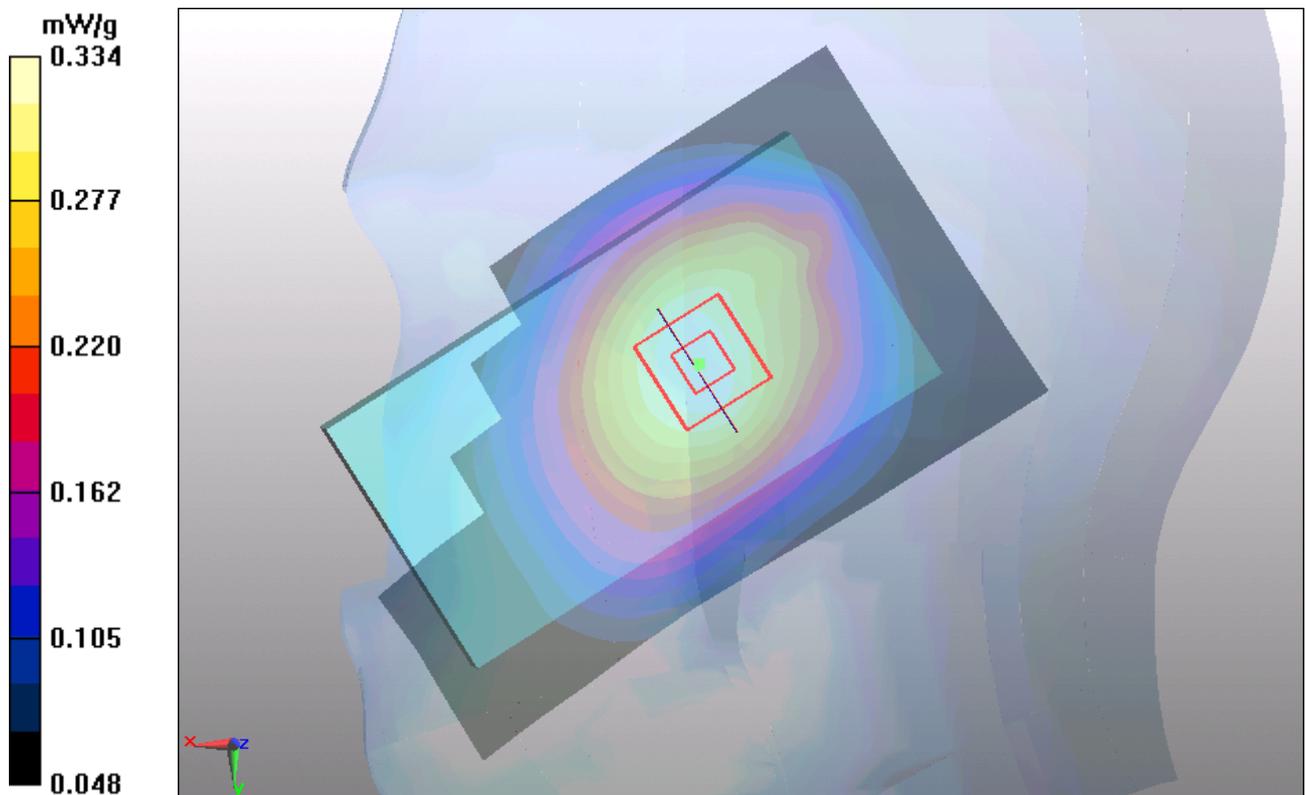


Figure 72 Right Hand Tilt 15° WCDMA Band V Channel 4183

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RZA1202-0246SAR01R2

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**WCDMA Band V Right Cheek Middle (SN: GAGB916XC37L1150)**

Date/Time: 2/23/2012 1:03:30 PM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.22, 9.22, 9.22) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.505 mW/g

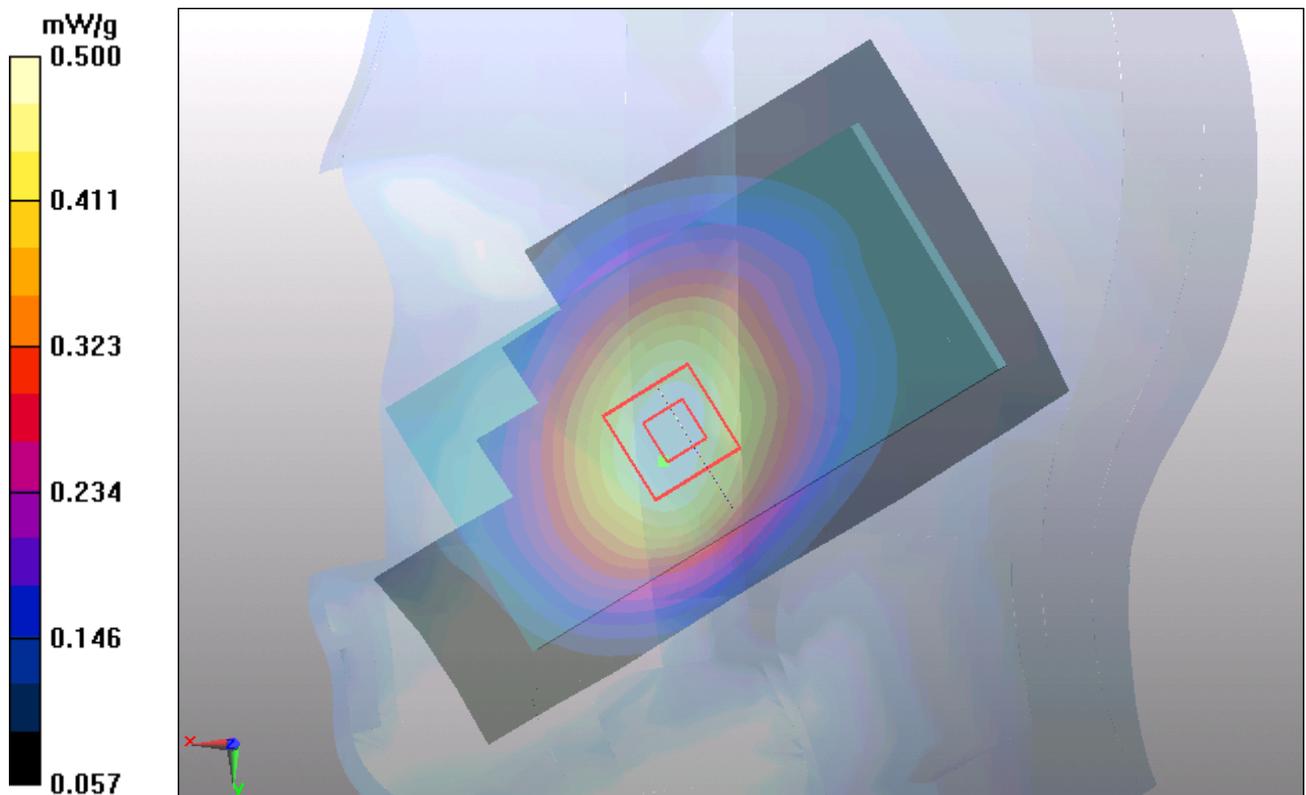
**Cheek Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.06 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.371 mW/g**

Maximum value of SAR (measured) = 0.500 mW/g



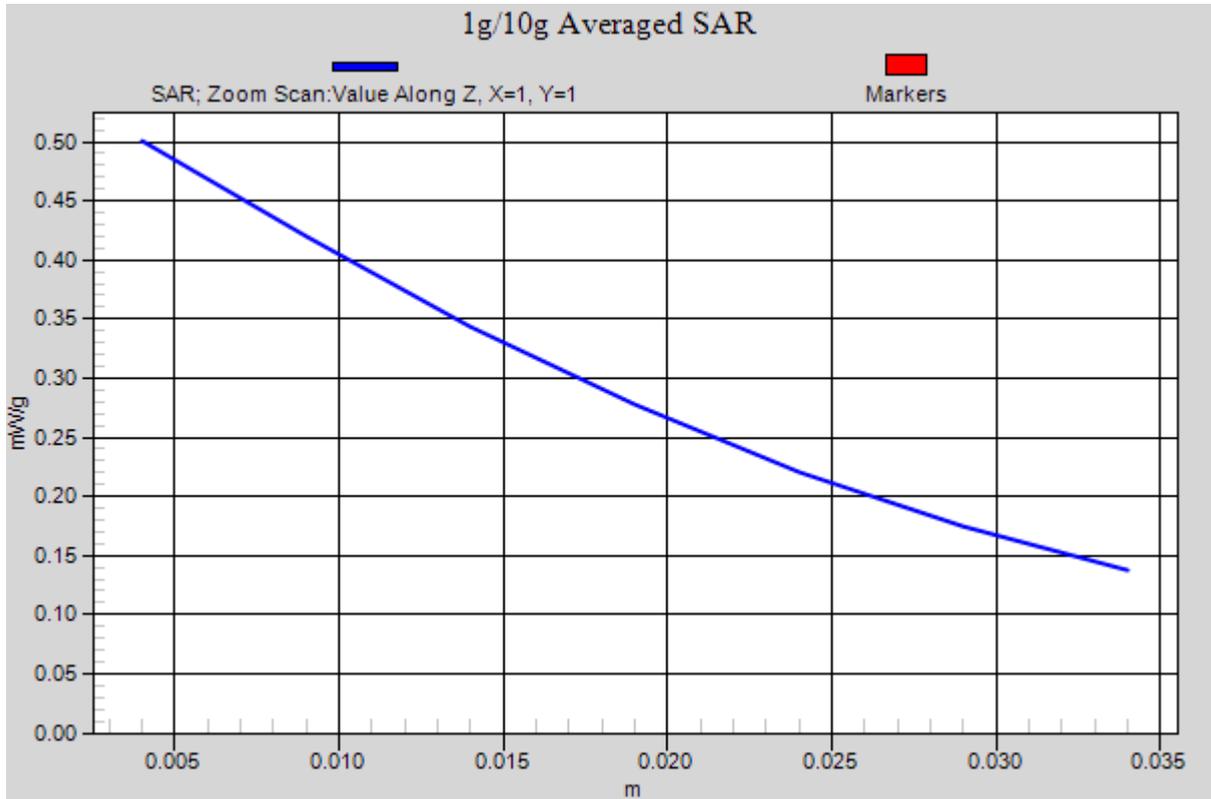


Figure 73 Right Hand Touch Cheek WCDMA Band V Channel 4183

**WCDMA Band V Right Cheek Middle (SN: BAABB27F97400267)**

Date/Time: 2/23/2012 1:23:39 PM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.22, 9.22, 9.22) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.502 mW/g

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

Reference Value = 9.19 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.567 W/kg

**SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.364 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g

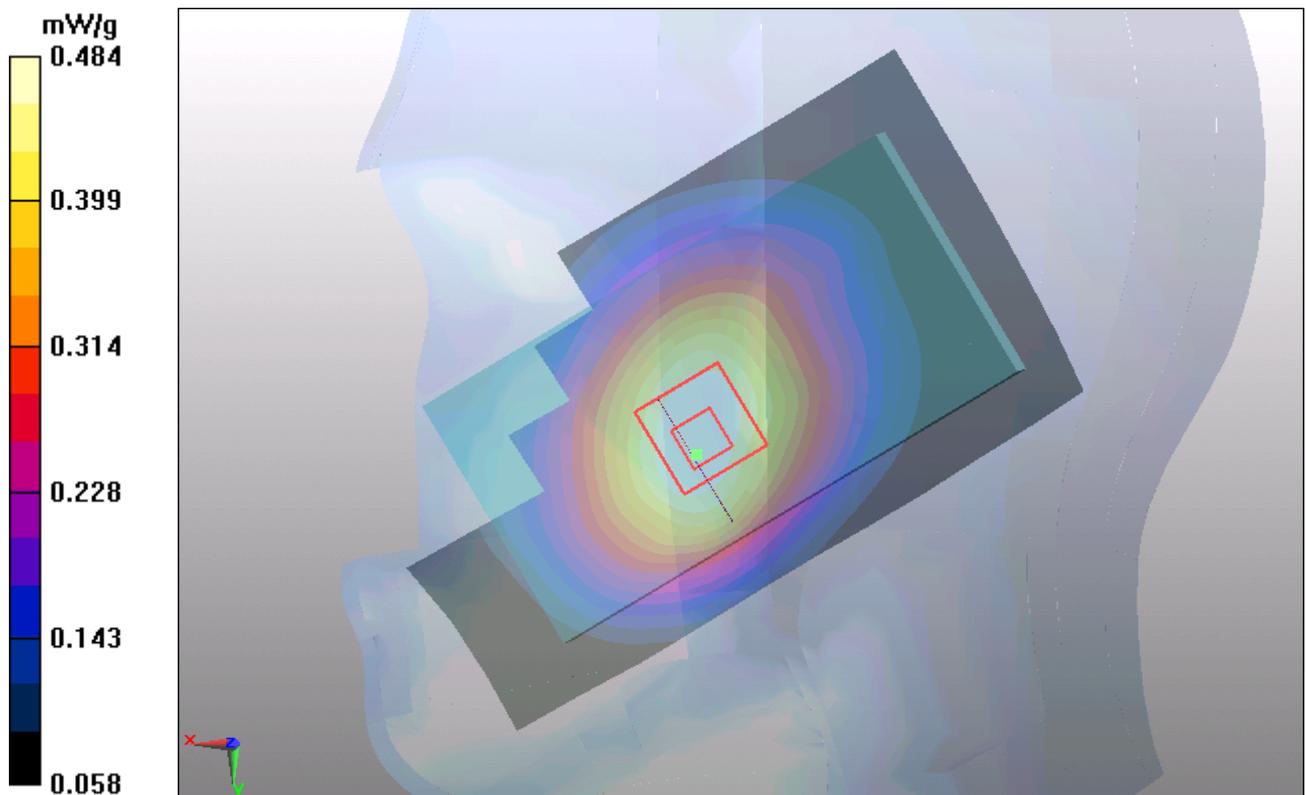


Figure 74 Right Hand Touch Cheek WCDMA Band V Channel 4183

**WCDMA Band V Back Side High (SN: WHCBB22HI46N1976)**

Date/Time: 2/24/2012 2:48:47 PM

Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 847$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side High/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.881 mW/g

**Back Side High/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.9 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.499 mW/g**

Maximum value of SAR (measured) = 0.798 mW/g

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

Reference Value = 27.9 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.606 mW/g**

Maximum value of SAR (measured) = 0.876 mW/g

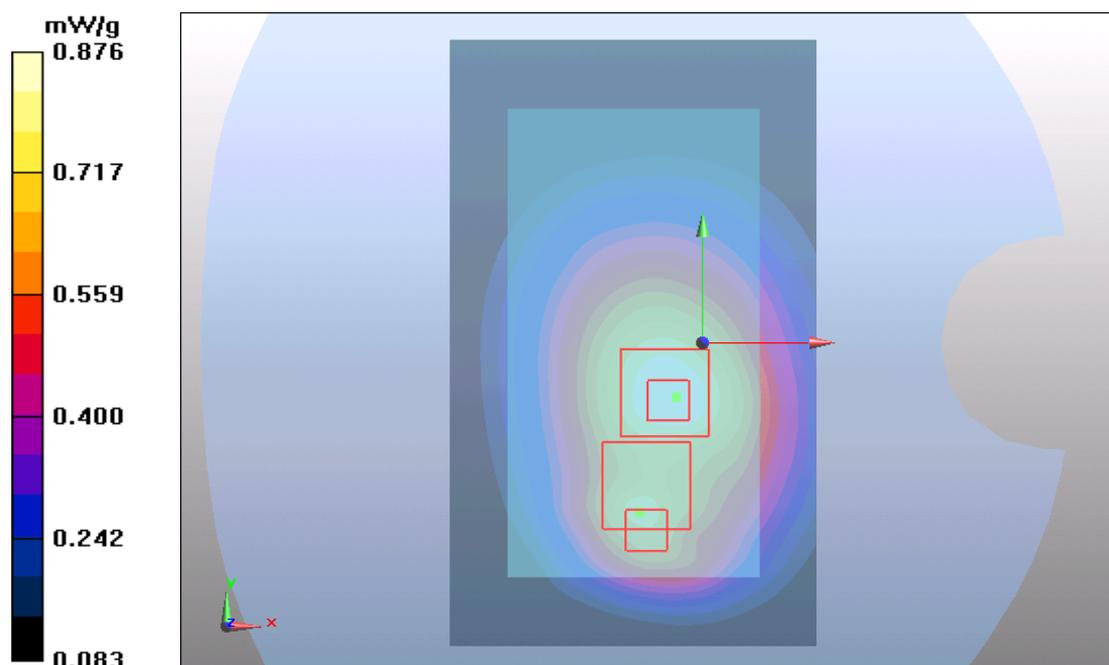


Figure 75 Body, Back Side, WCDMA Band V Channel 4233

**WCDMA Band V Back Side Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/24/2012 1:59:50 PM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.937 mW/g

**Back Side Middle/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.540 mW/g**

Maximum value of SAR (measured) = 0.868 mW/g

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

Reference Value = 29 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.645 mW/g**

Maximum value of SAR (measured) = 0.932 mW/g

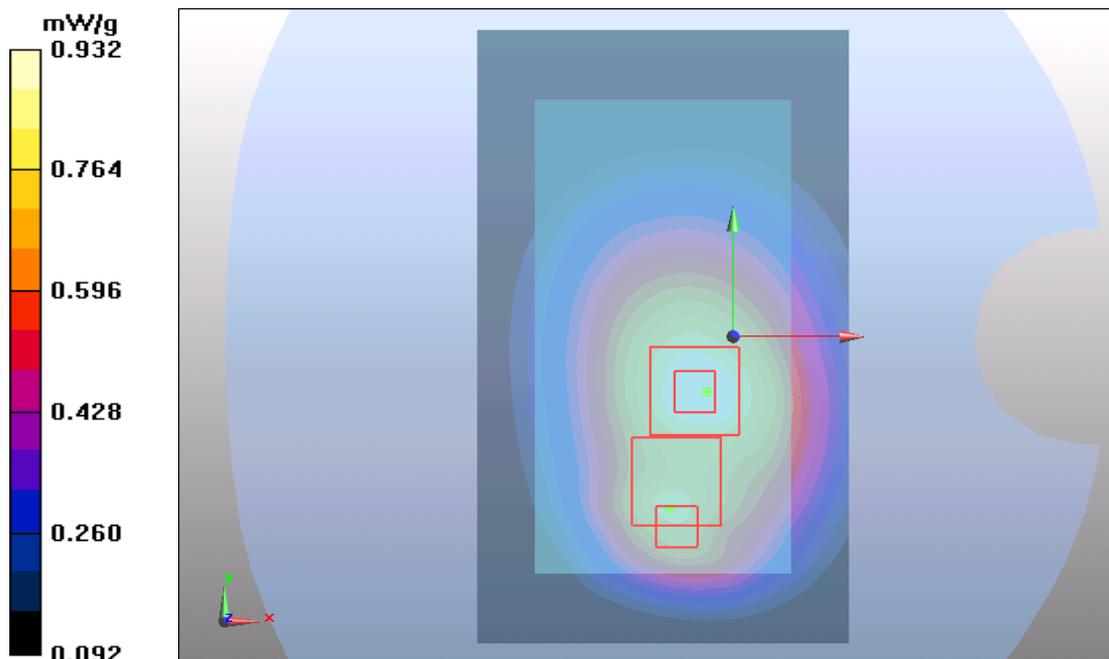


Figure 76 Body, Back Side, WCDMA Band V Channel 4183

**WCDMA Band V Back Side Low (SN: WHCBB22HI46N1976)**

Date/Time: 2/24/2012 2:24:23 PM

Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 mW/g

**Back Side Low/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.2 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.639 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g

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

Reference Value = 31.2 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.758 mW/g**

Maximum value of SAR (measured) = 1.1 mW/g

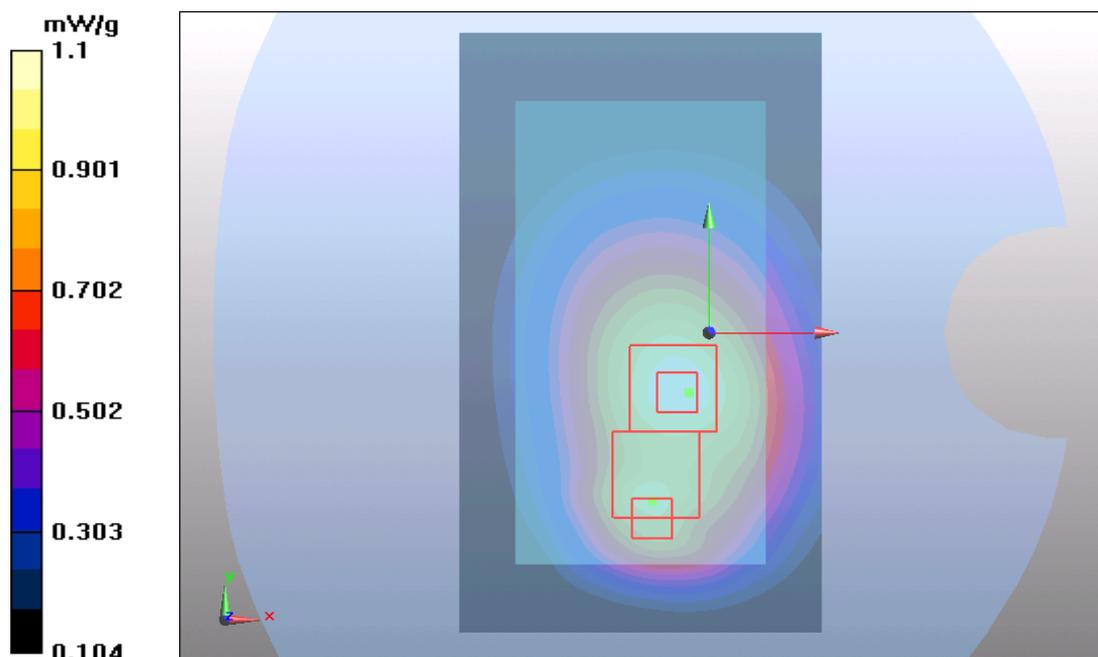


Figure 77 Body, Back Side, WCDMA Band V Channel 4132

**WCDMA Band V Front Side Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/24/2012 12:24:24 PM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Front Side Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.566 mW/g

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

Reference Value = 24 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.666 W/kg

**SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.414 mW/g**

Maximum value of SAR (measured) = 0.567 mW/g

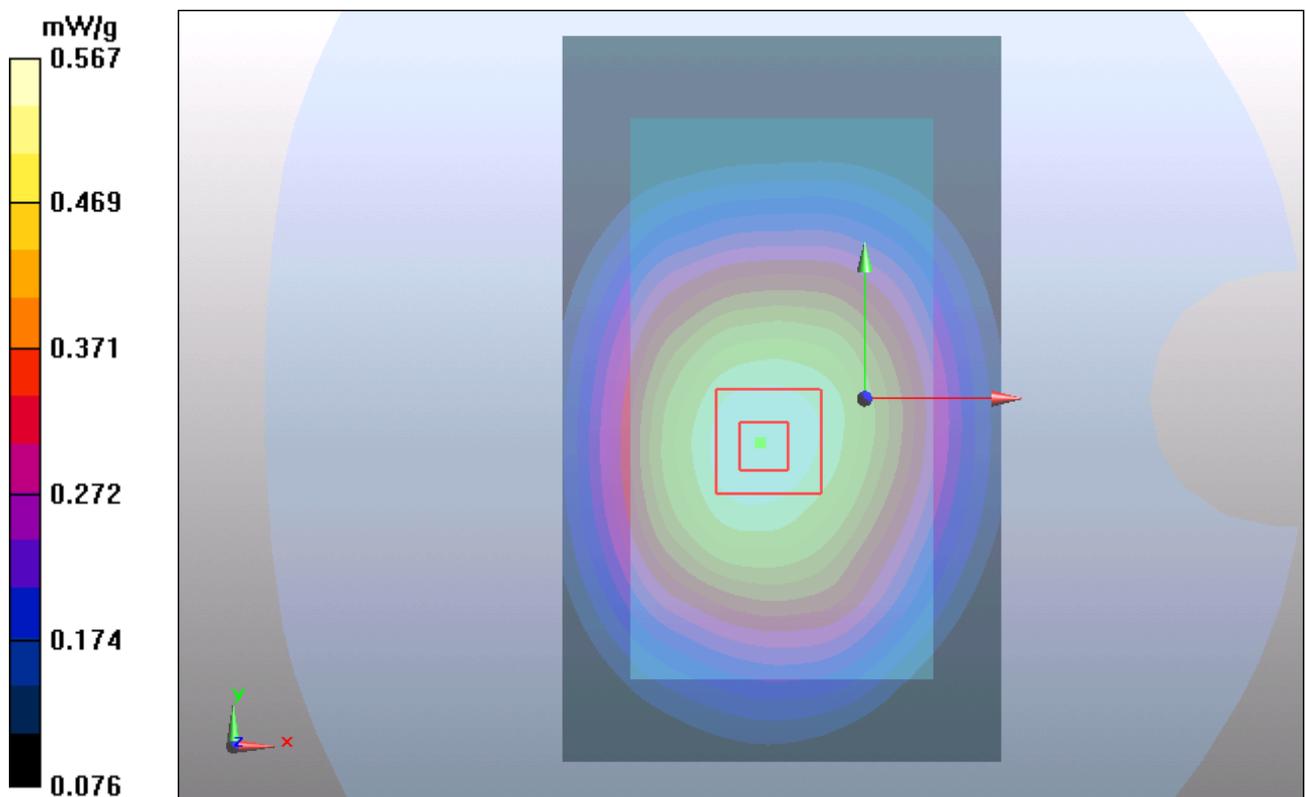


Figure 78 Body, Front Side, WCDMA Band V Channel 4183

**WCDMA Band V Left Edge Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/24/2012 12:47:19 PM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Left Edge Middle/Area Scan (31x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.407 mW/g

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

Reference Value = 20.5 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.262 mW/g**

Maximum value of SAR (measured) = 0.404 mW/g

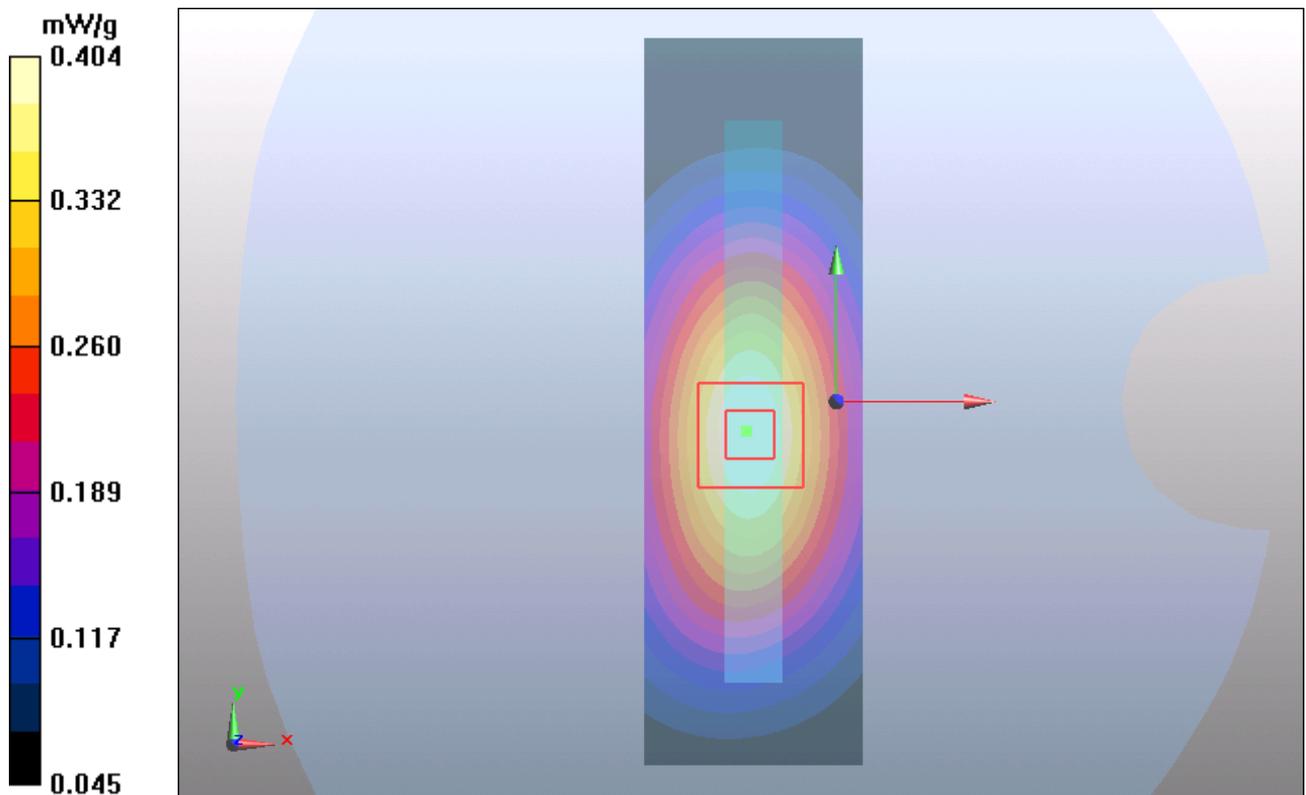


Figure 79 Body, Left Edge, WCDMA Band V Channel 4183

**WCDMA Band V Right Edge Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/24/2012 1:03:58 PM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Right Edge Middle/Area Scan (31x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.516 mW/g

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

Reference Value = 23.2 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.655 W/kg

**SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.515 mW/g

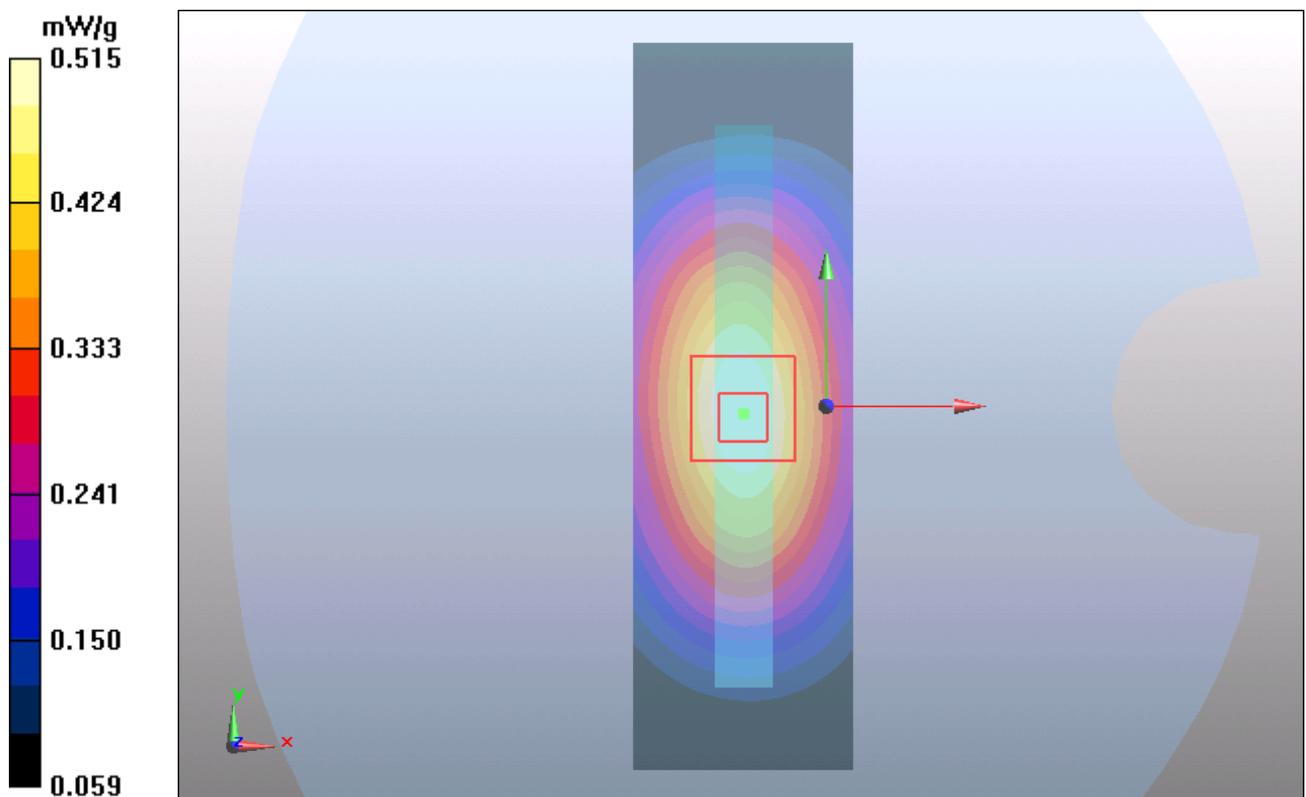


Figure 80 Body, Right Edge, WCDMA Band V Channel 4183

**WCDMA Band V Bottom Edge Middle (SN: WHCBB2HI46N1976)**

Date/Time: 2/24/2012 1:32:04 PM

Communication System: WCDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Bottom Edge Middle/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

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

Reference Value = 11.9 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.080 mW/g**

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

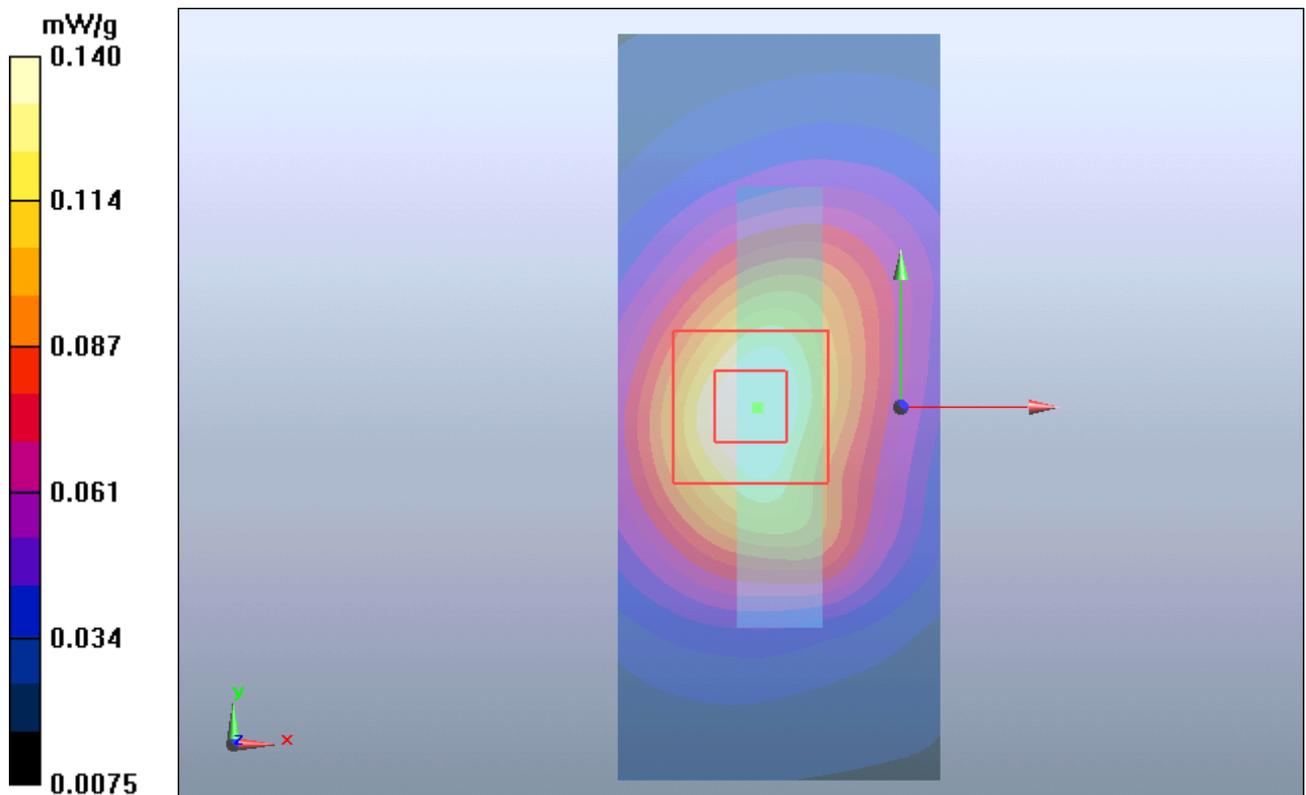


Figure 81 Body, Bottom Edge, WCDMA Band V Channel 4183

**WCDMA Band V with Earphone Back Side Low (SN: WHCBB22HI46N1976)**

Date/Time: 2/24/2012 10:50:44 AM

Communication System: WCDMA ; Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature:22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.722 mW/g

**Back Side Low/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.9 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.854 W/kg

**SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.503 mW/g**

Maximum value of SAR (measured) = 0.713 mW/g

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

Reference Value = 26.9 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.422 mW/g**

Maximum value of SAR (measured) = 0.739 mW/g

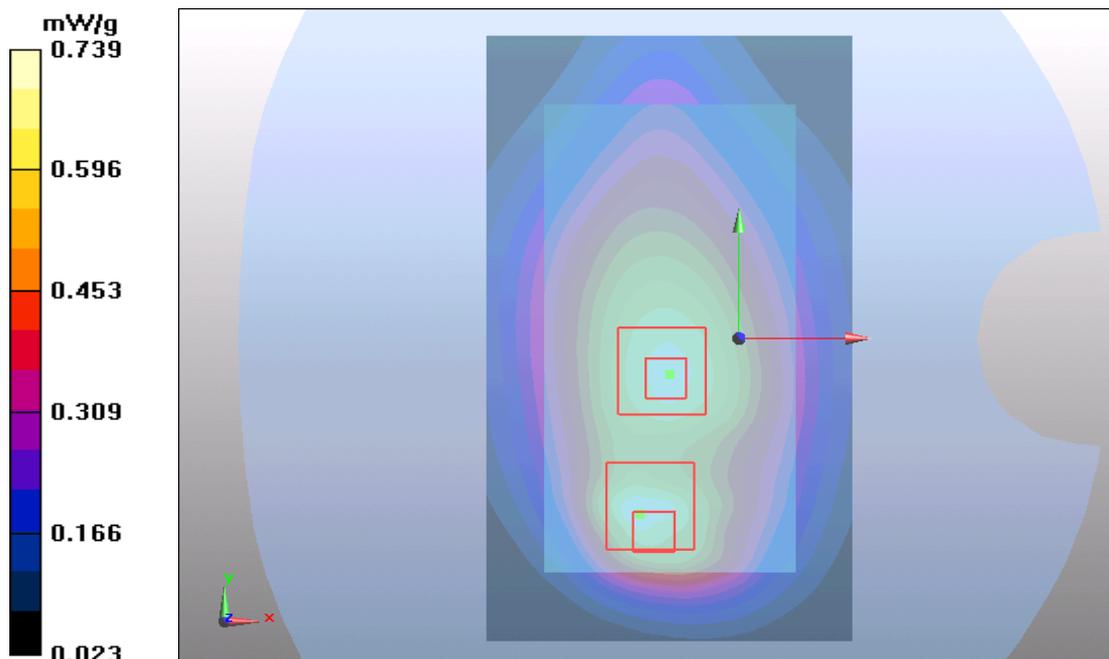


Figure 82 Body with Earphone, Back Side, WCDMA Band V Channel 4132

**WCDMA Band V Back Side Low (SN: GAGB916XC37L1150)**

Date/Time: 2/24/2012 11:50:26 AM

Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

**Back Side Low/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.661 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g

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

Reference Value = 33 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.786 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g

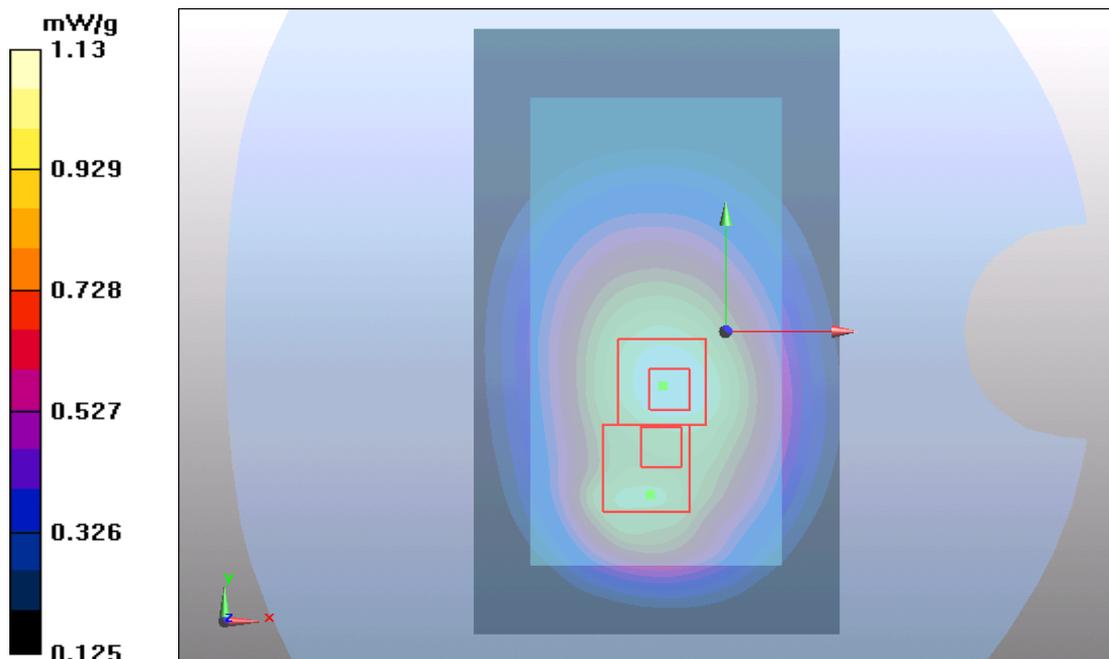


Figure 83 Body, Back Side, WCDMA Band V Channel 4132

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RZA1202-0246SAR01R2

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### WCDMA Band V Back Side Low (SN: BAABB27F97400267)

Date/Time: 2/24/2012 11:21:34 AM

Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(9.38, 9.38, 9.38) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Back Side Low/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

**Back Side Low/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.2 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.662 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g

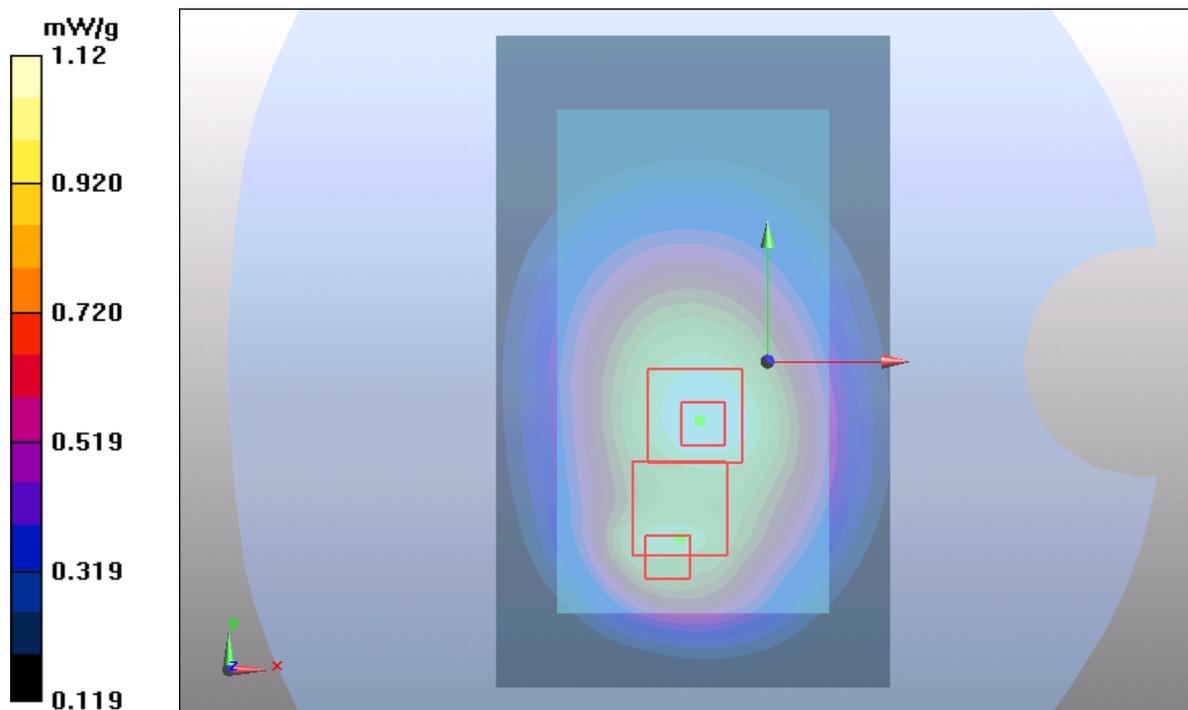
**Back Side Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.2 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.787 mW/g**

Maximum value of SAR (measured) = 1.12 mW/g



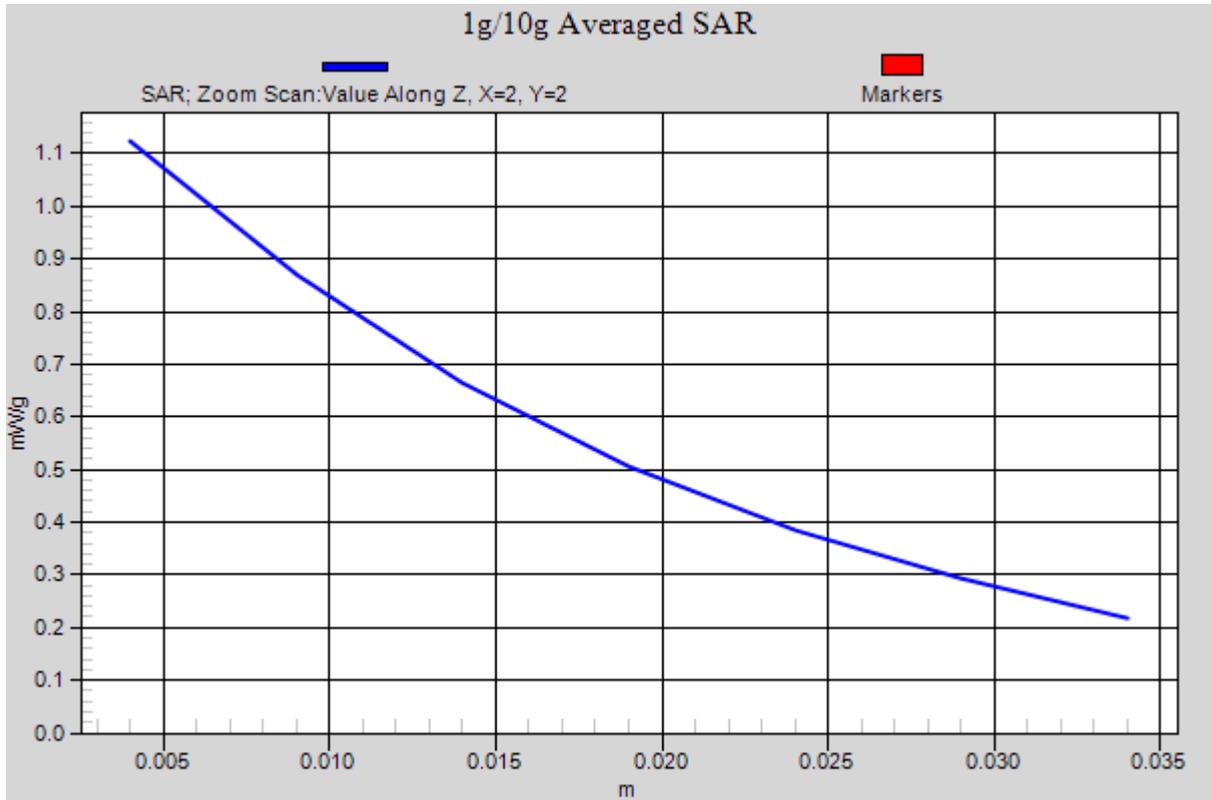


Figure 84 Body, Back Side, WCDMA Band V Channel 4132

**802.11b Left Cheek Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/26/2012 2:04:11 PM

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.17, 7.17, 7.17) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.089 mW/g

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

Reference Value = 6.42 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.039 mW/g**

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

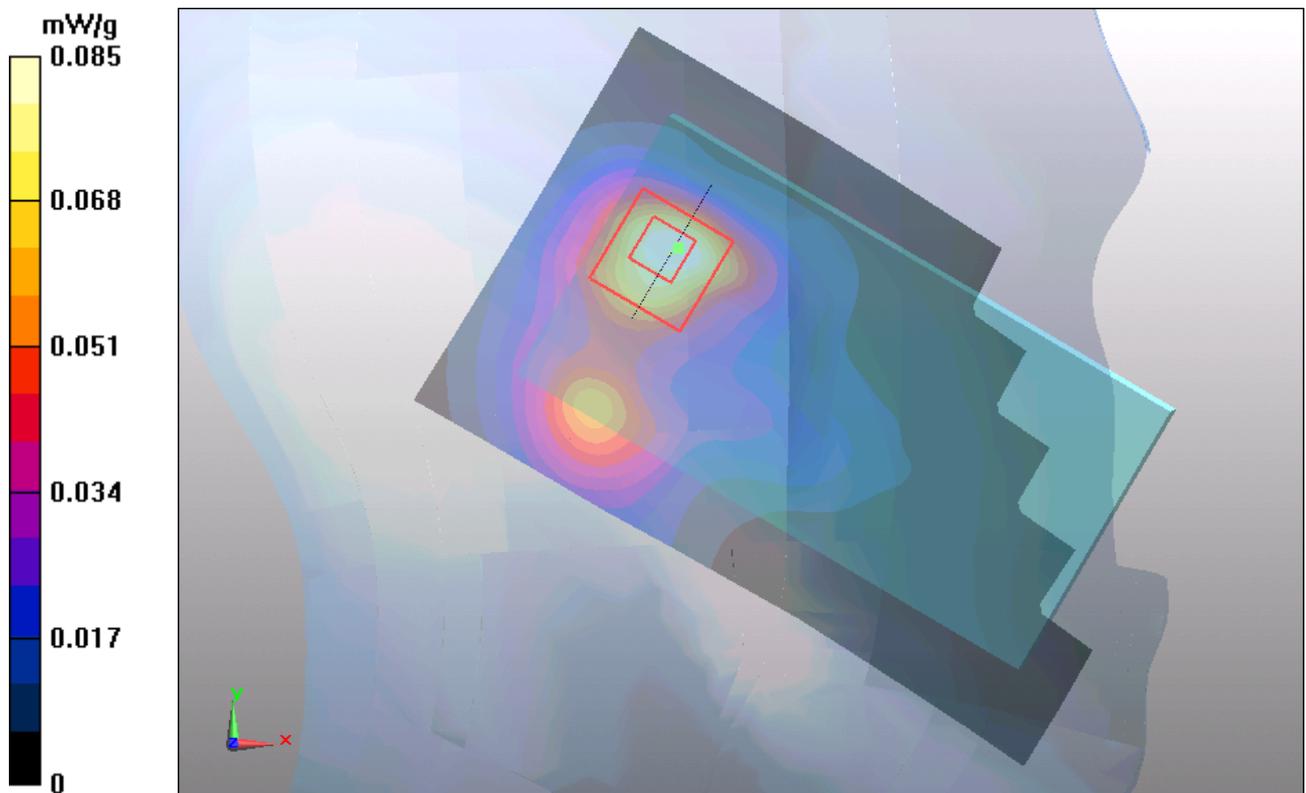


Figure 85 Left Hand Touch Cheek 802.11b Channel 6

**802.11b Left Tilt Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/26/2012 2:21:37 PM

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.17, 7.17, 7.17) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Tilt Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.075 mW/g

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

Reference Value = 5.75 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g

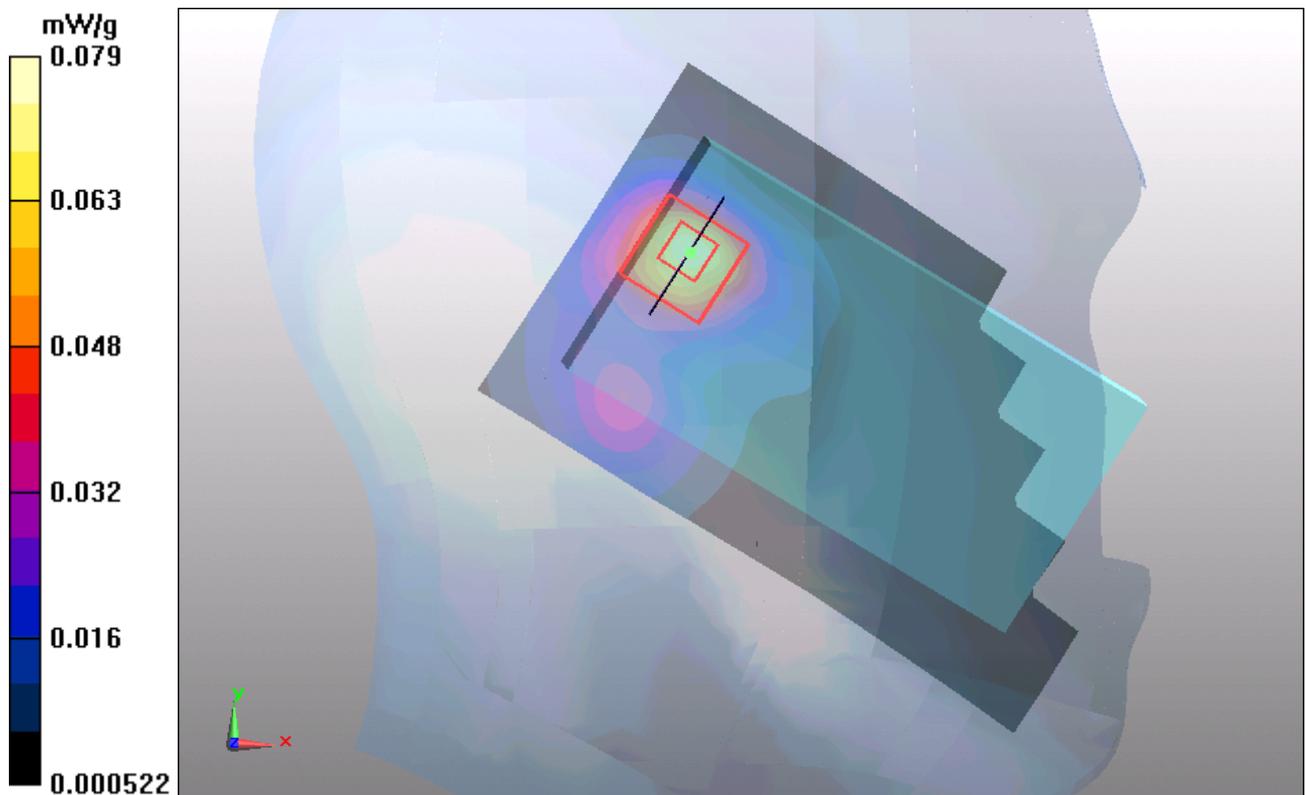


Figure 86 Left Hand Tilt 15° 802.11b Channel 6

**802.11b Right Cheek Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/26/2012 2:43:56 PM

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.17, 7.17, 7.17) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.154 mW/g

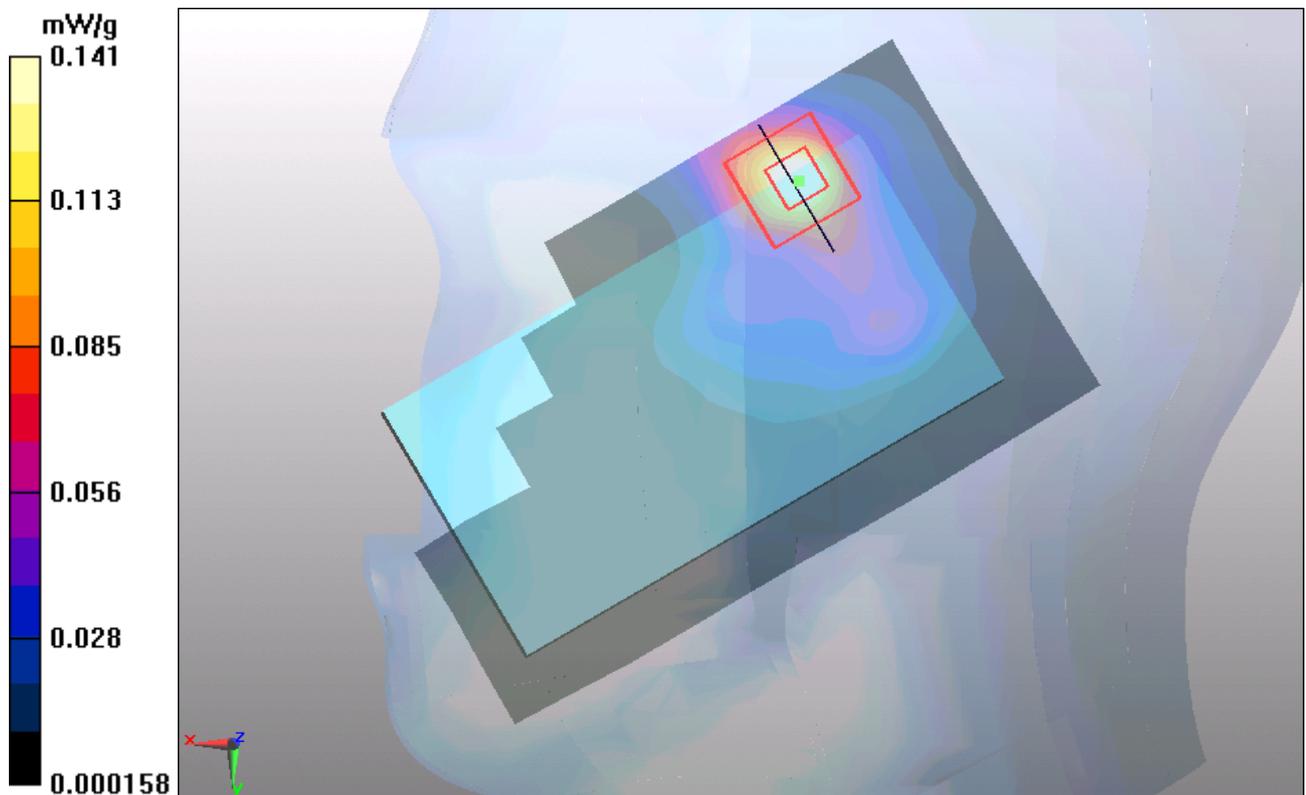
**Cheek Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.98 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.141 mW/g



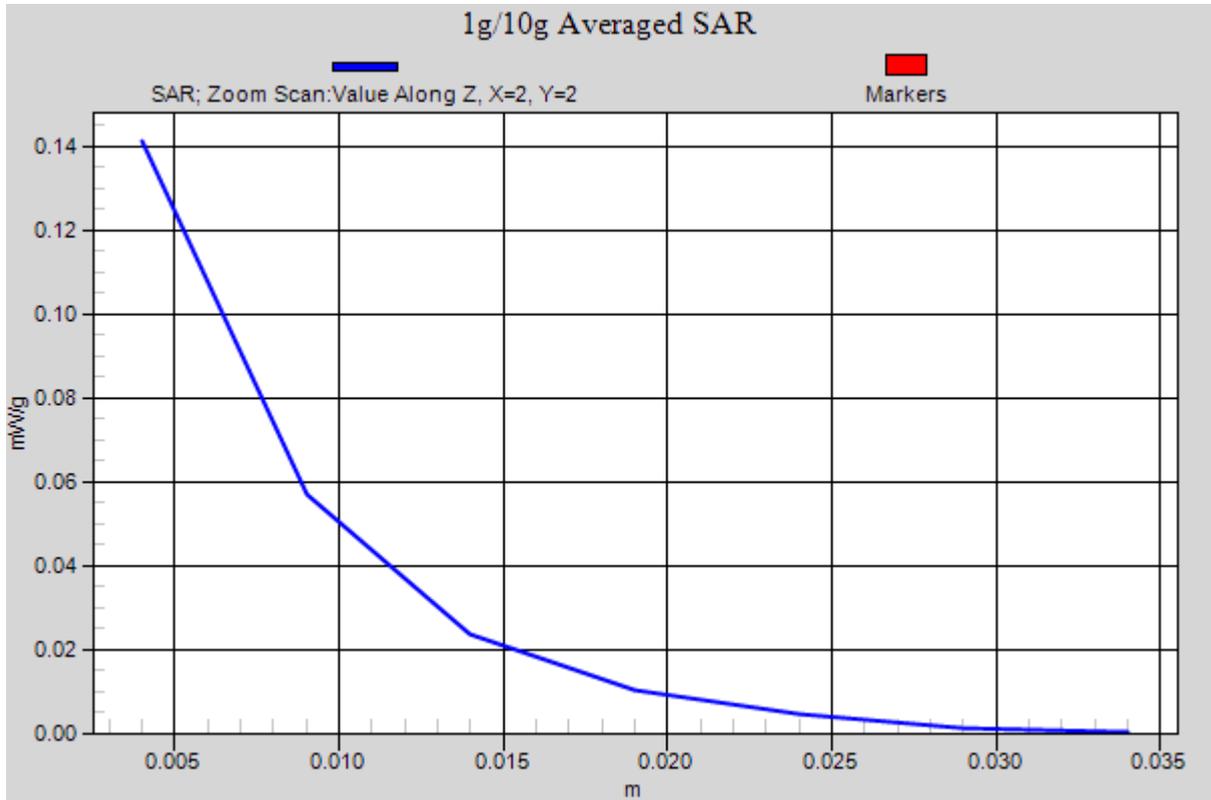


Figure 87 Right Hand Touch Cheek 802.11b Channel 6

**802.11b Right Tilt Middle (SN: WHCBB22HI46N1976)**

Date/Time: 2/26/2012 3:00:33 PM

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.17, 7.17, 7.17) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Tilt Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.067 mW/g

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

Reference Value = 4.78 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.152 W/kg

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.027 mW/g**

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

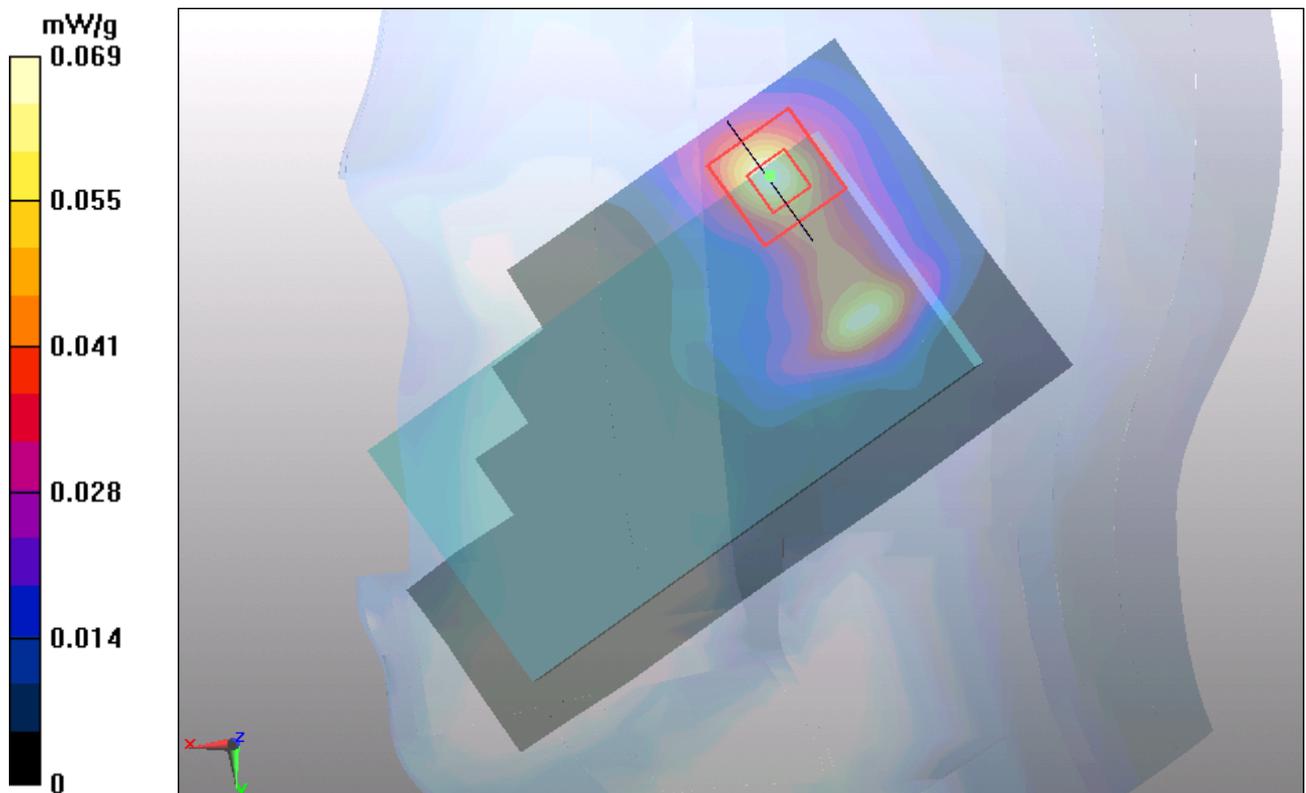


Figure 88 Right Hand Tilt 15° 802.11b Channel 6

**802.11b Right Cheek Middle (SN: GAGB916XC37L1150)**

Date/Time: 2/26/2012 3:24:20 PM

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.17, 7.17, 7.17) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.147 mW/g

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

Reference Value = 3.9 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.133 mW/g

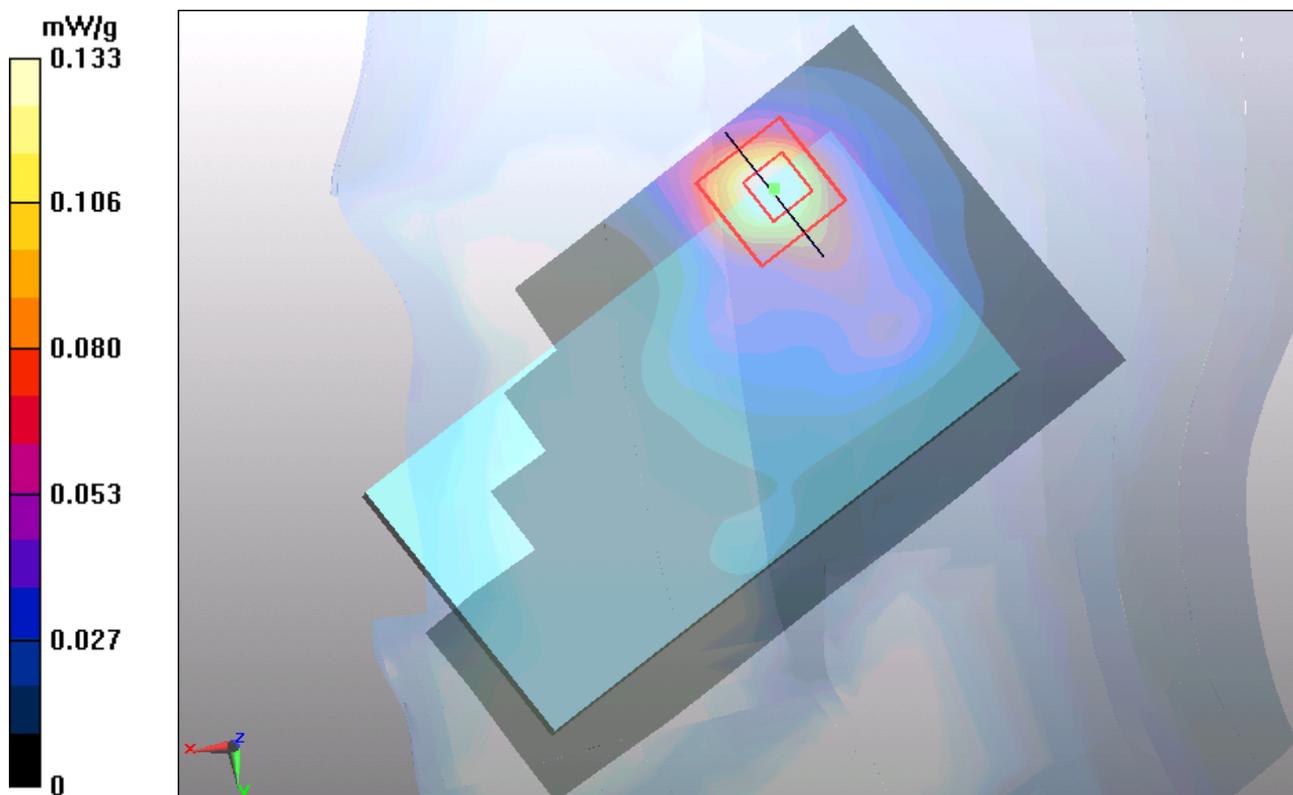


Figure 89 Right Hand Touch Cheek 802.11b Channel 6

**802.11b Right Cheek Middle (SN: BAABB27F97400267)**

Date/Time: 2/26/2012 3:41:53 PM

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.3 °C      Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3816; ConvF(7.17, 7.17, 7.17) Calibrated: 10/3/2011

Electronics: DAE4 Sn871; Calibrated: 11/22/2011

Phantom: SAM2; Type: SAM; Serial: TP-1524

Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

**Cheek Middle/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.147 mW/g

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

Reference Value = 3.92 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.287 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.132 mW/g

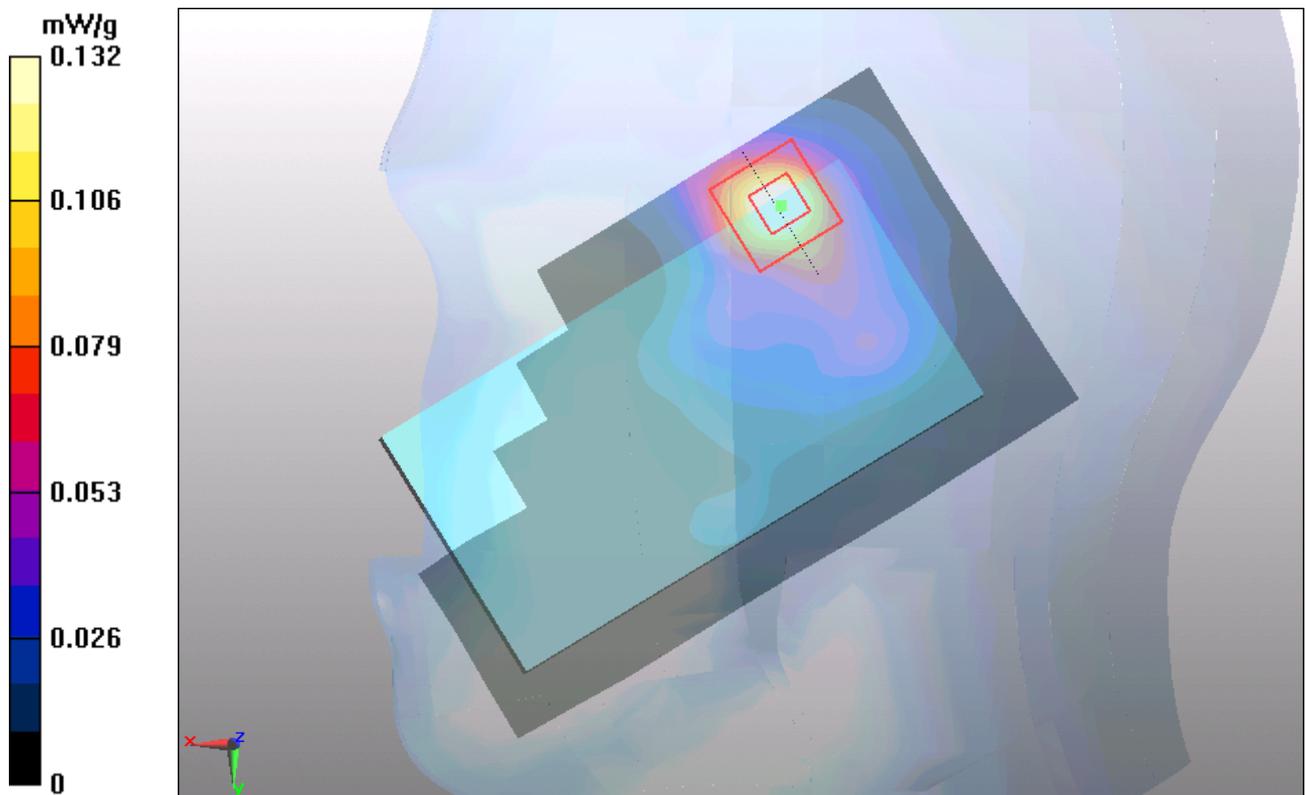


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