

Test Laboratory: Compliance Certification Services

## 1\_Left Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Left-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position - Low/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Touch position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.255 mW/g

Reference Value = 16.6 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.491 mW/g

**Touch position - Low/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

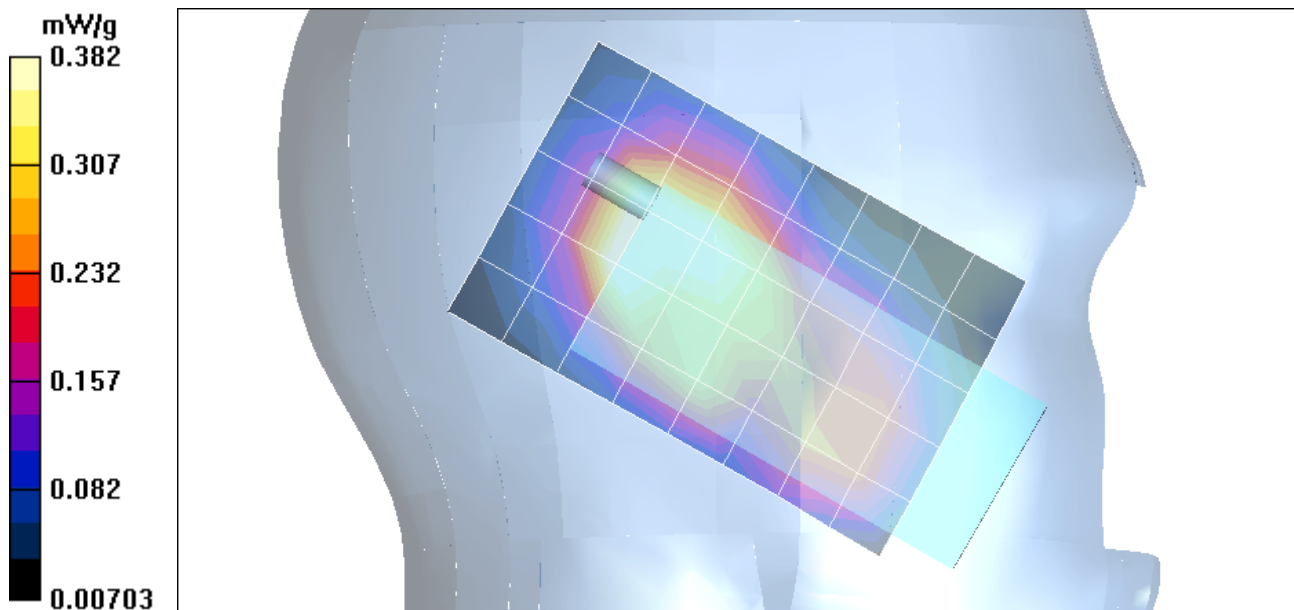
Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.207 mW/g

Reference Value = 16.6 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.382 mW/g



Test Laboratory: Compliance Certification Services

## 1\_Left Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Left-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position - Middle/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Touch position - Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.322 mW/g

Reference Value = 18 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.606 mW/g

**Touch position - Middle/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

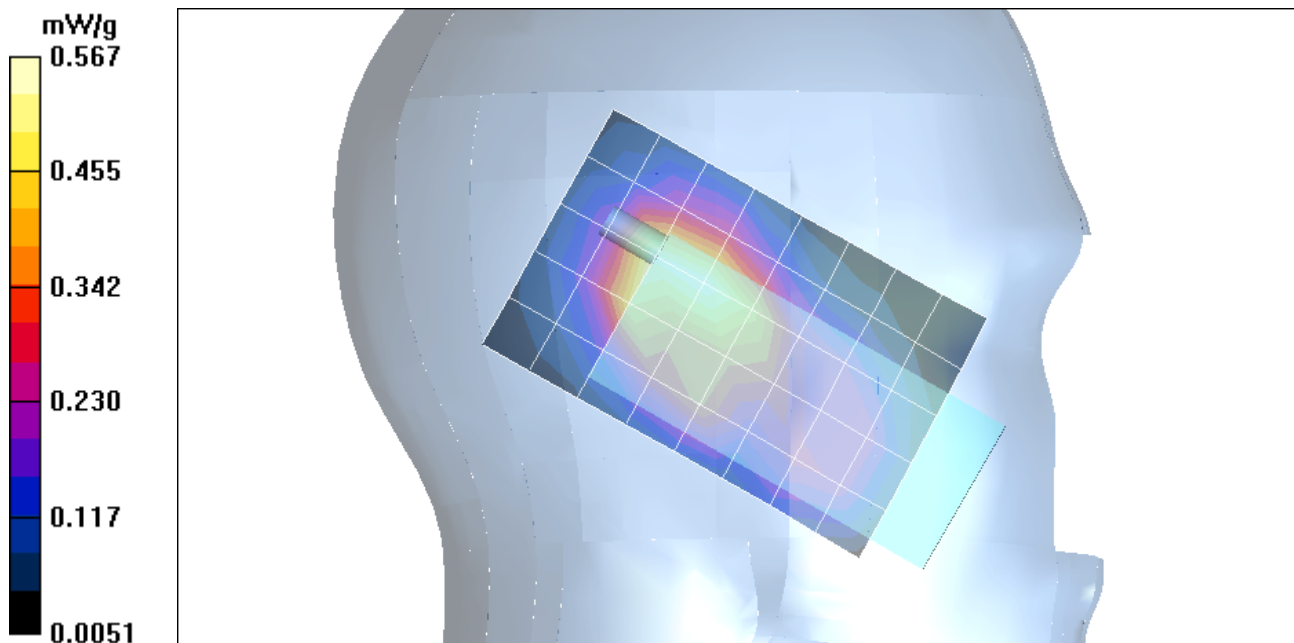
Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.243 mW/g

Reference Value = 18 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.491 mW/g



Test Laboratory: Compliance Certification Services

## 1\_Left Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Left-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position - High/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Touch position - High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.339 mW/g

Reference Value = 18.5 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.665 mW/g

**Touch position - High/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

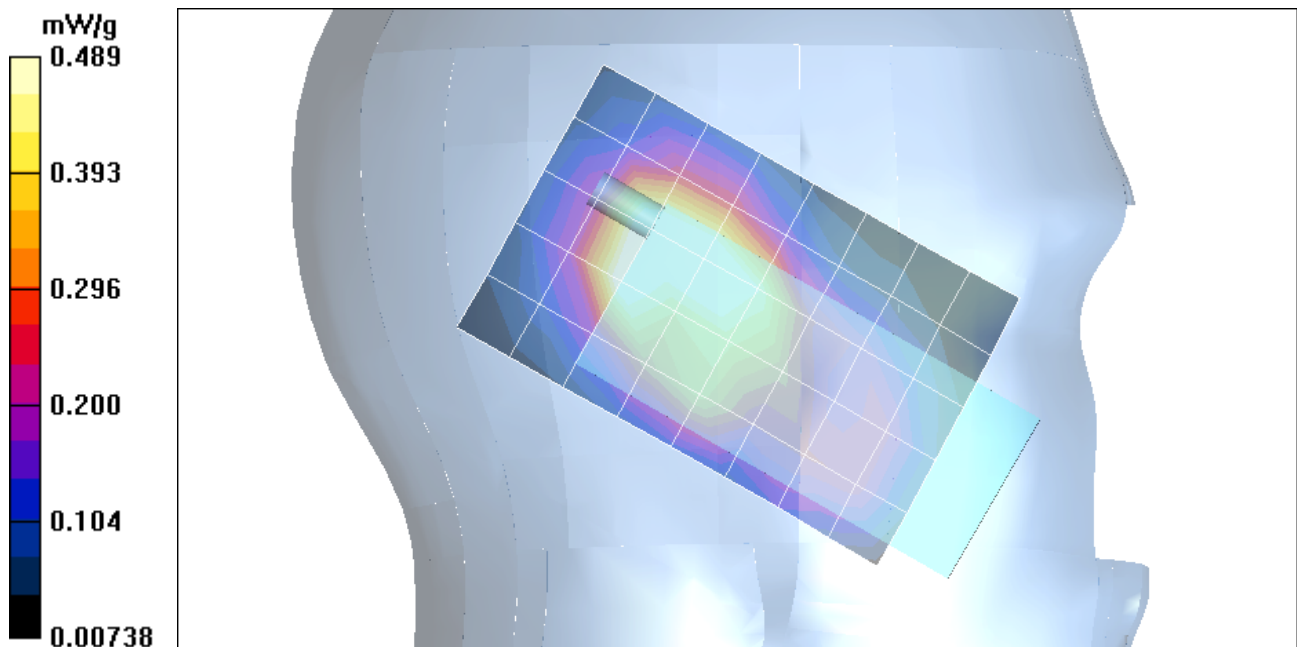
Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.259 mW/g

Reference Value = 18.5 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.489 mW/g



Test Laboratory: Compliance Certification Services

## 1\_Left Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

DASY4 Configuration:

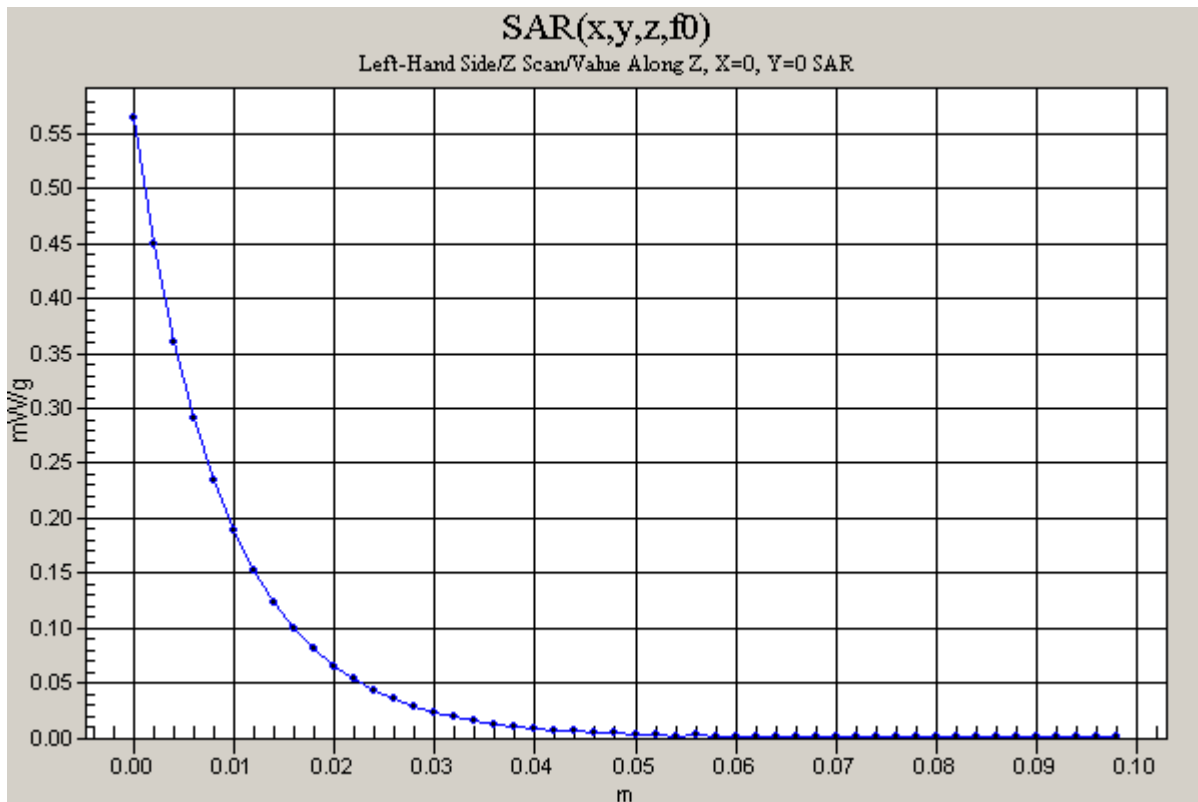
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position - High/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 18.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.565 mW/g



Test Laboratory: Compliance Certification Services

## 2\_Left Tilt

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Left-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilt position - Low/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 19.6 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.697 mW/g

**Tilt position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

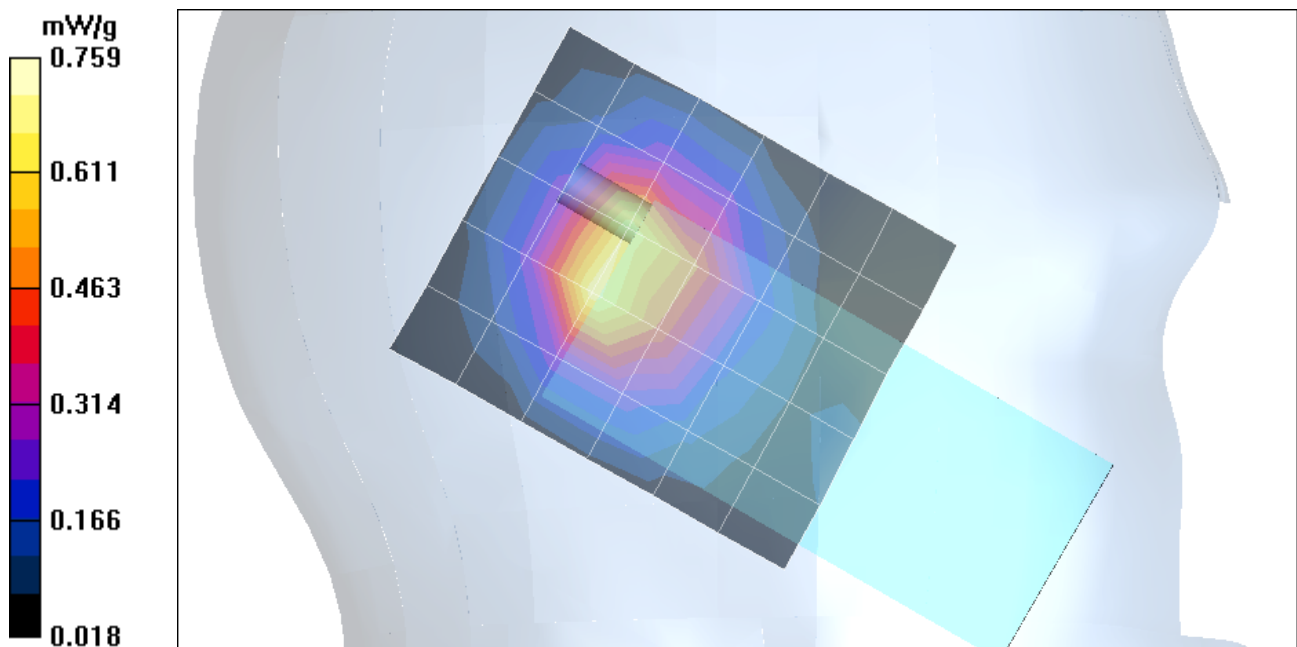
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.391 mW/g

Reference Value = 19.6 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.759 mW/g



Test Laboratory: Compliance Certification Services

## 2\_Left Tilt

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Left-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilt position - Middle/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 21.4 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.712 mW/g

**Tilt position - Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

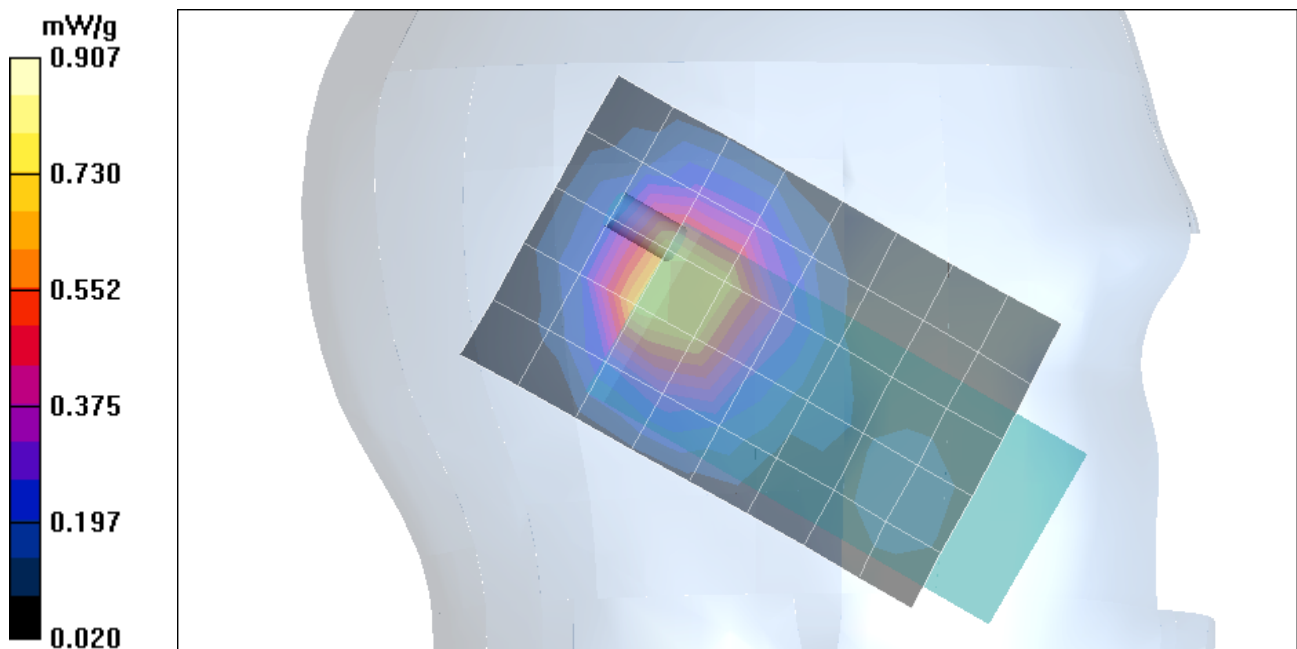
Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.460 mW/g

Reference Value = 21.4 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.907 mW/g



Test Laboratory: Compliance Certification Services

## 2\_Left Tilt

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Left-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilt position - High/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 23 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.870 mW/g

**Tilt position - High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

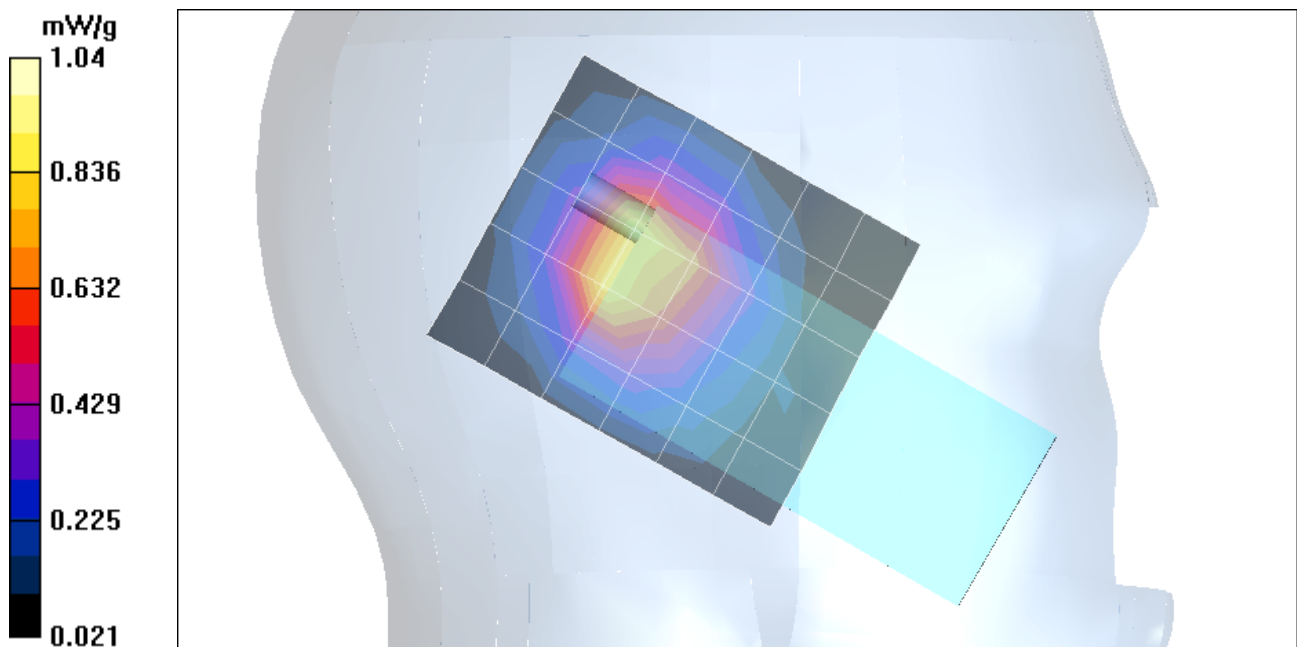
Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.516 mW/g

Reference Value = 23 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.04 mW/g



Test Laboratory: Compliance Certification Services

## 2\_Left Tilt

**DUT: Compal; Type: VP-5U; Serial: N/A**

DASY4 Configuration:

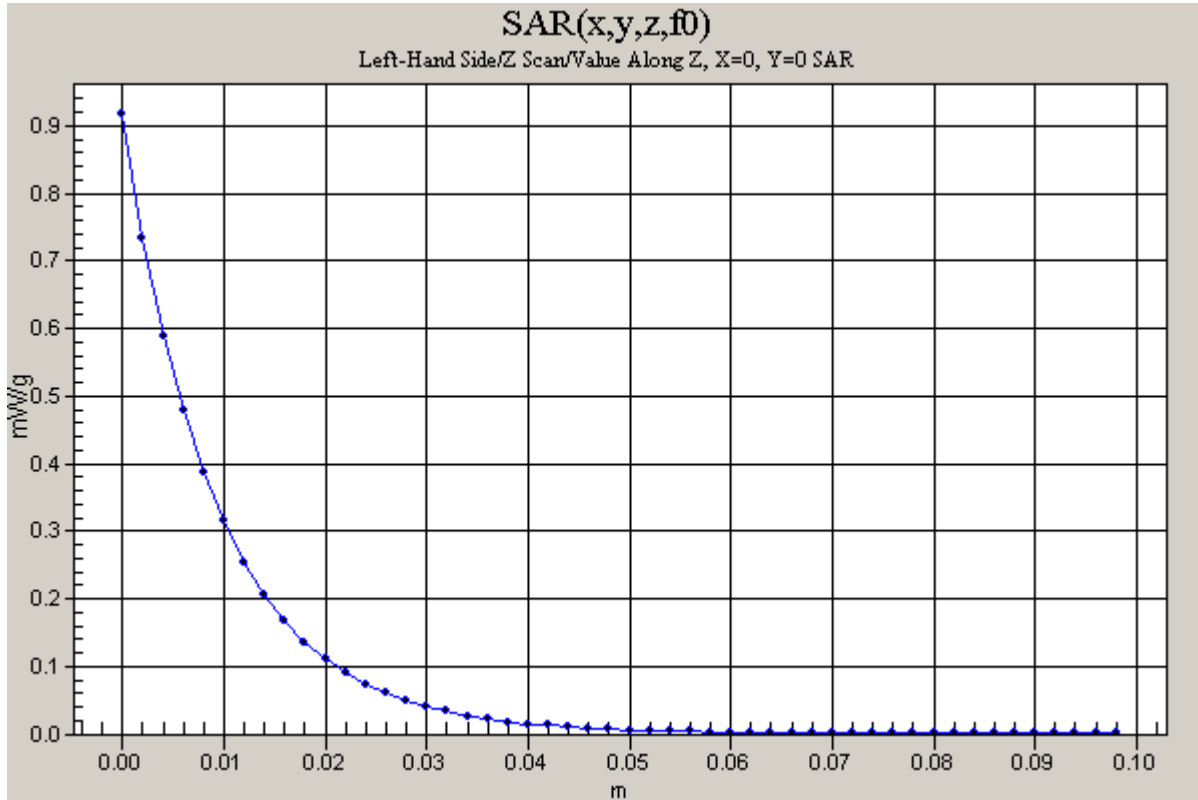
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilt position - High/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 23 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 0.917 mW/g





Test Laboratory: Compliance Certification Services

### 3\_R-Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Right-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position - Low/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Touch position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.225 mW/g

Reference Value = 14.6 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.447 mW/g

**Touch position - Low/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

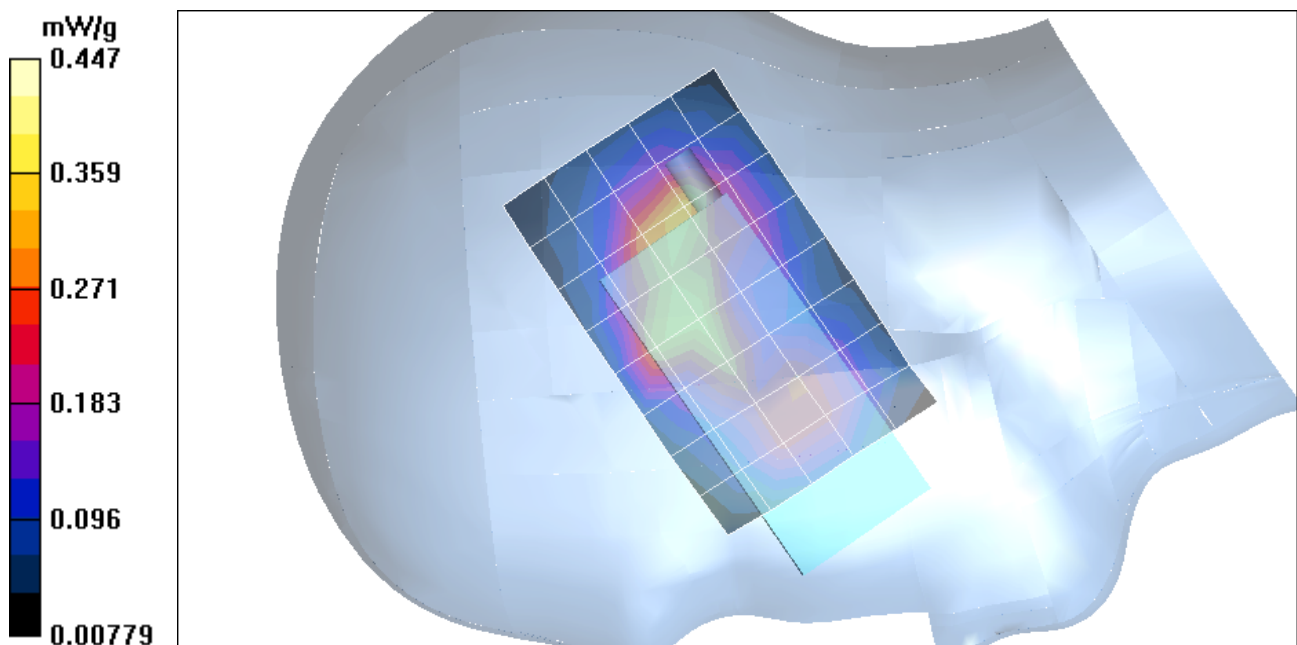
Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.203 mW/g

Reference Value = 14.6 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.385 mW/g



Test Laboratory: Compliance Certification Services

### 3\_R-Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Right-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position -Middle/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Touch position -Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.271 mW/g

Reference Value = 15.6 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.540 mW/g

**Touch position -Middle/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

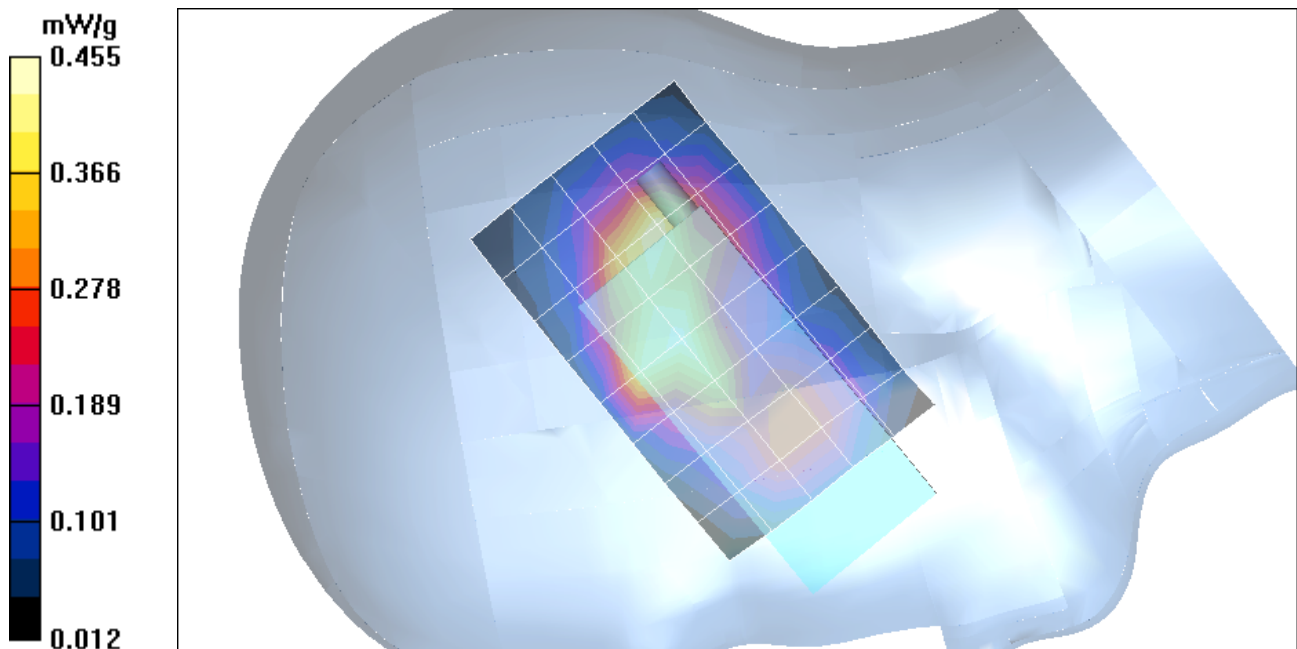
Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.238 mW/g

Reference Value = 15.6 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.455 mW/g



Test Laboratory: Compliance Certification Services

### 3\_R-Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Right-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position - High/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Touch position - High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.290 mW/g

Reference Value = 16.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.572 mW/g

**Touch position - High/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

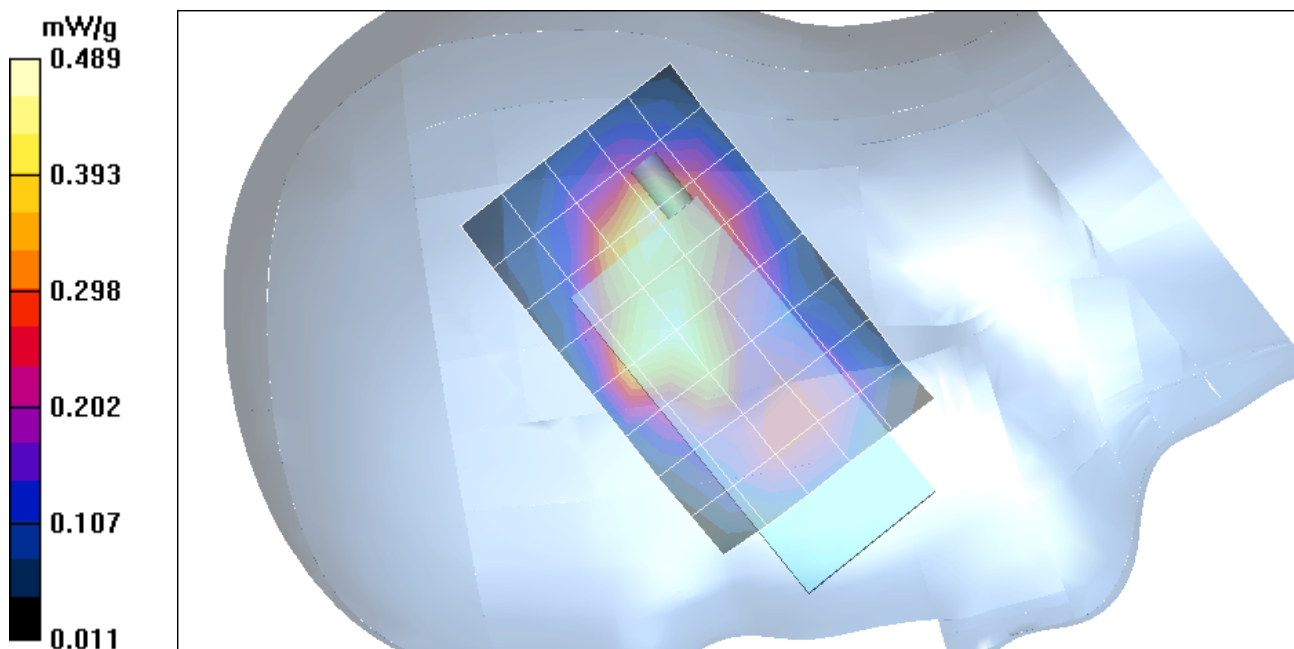
Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.269 mW/g

Reference Value = 16.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.513 mW/g



Test Laboratory: Compliance Certification Services

### 3\_R-Touch

**DUT: Compal; Type: VP-5U; Serial: N/A**

DASY4 Configuration:

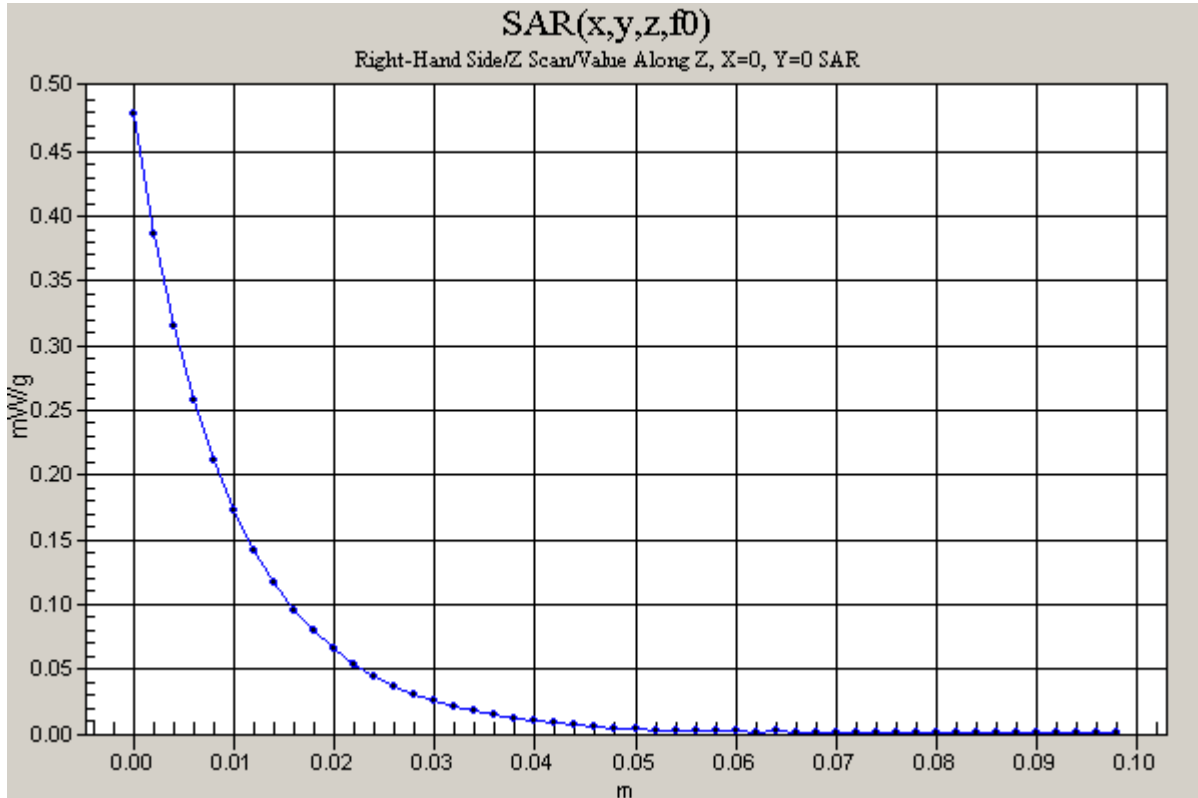
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Touch position - High/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 16.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.479 mW/g



Test Laboratory: Compliance Certification Services

## 4\_R-Tilted

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Right-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilted position -Low/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 16.6 V/m

Power Drift = -0.0005 dB

Maximum value of SAR = 0.568 mW/g

**Tilted position -Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

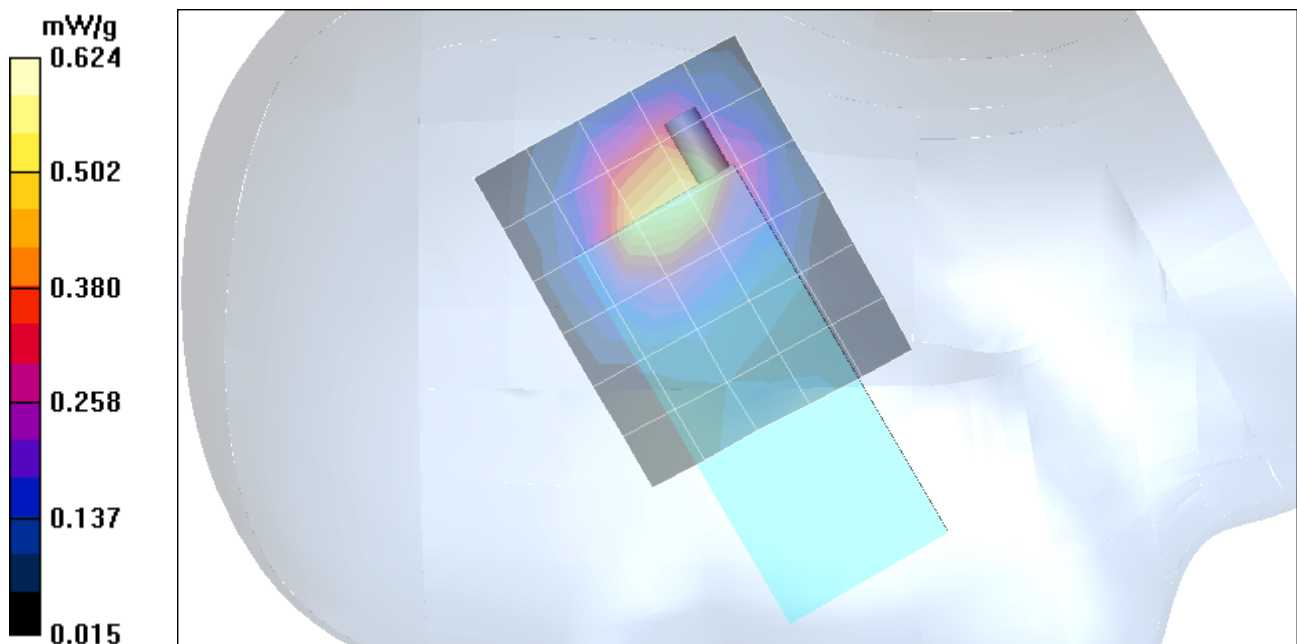
Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.318 mW/g

Reference Value = 16.6 V/m

Power Drift = -0.0005 dB

Maximum value of SAR = 0.624 mW/g



Test Laboratory: Compliance Certification Services

## 4\_R-Tilted

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Right-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilted position -Middle/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 18.4 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.701 mW/g

**Tilted position -Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

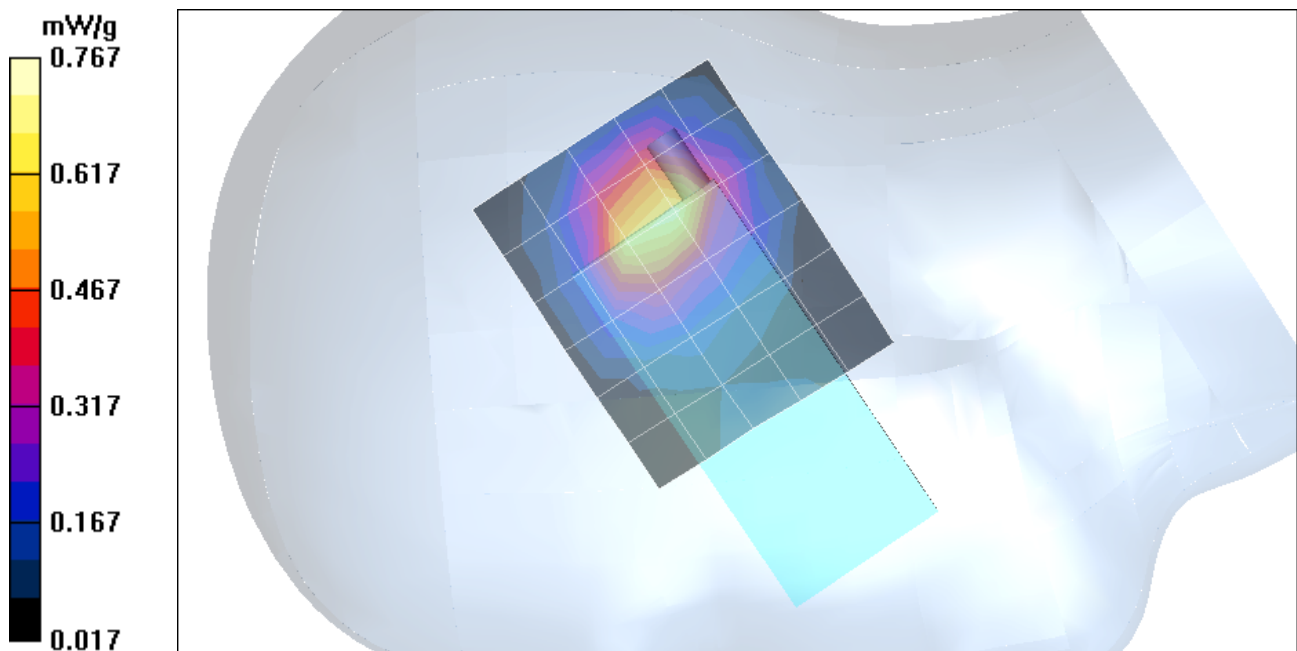
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.386 mW/g

Reference Value = 18.4 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.767 mW/g



Test Laboratory: Compliance Certification Services

## 4\_R-Tilted

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Right-Hand Side**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz ( $\sigma = 1.4692$  mho/m,  $\epsilon_r = 40.5269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilted position -High/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 19.6 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.784 mW/g

**Tilted position -High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

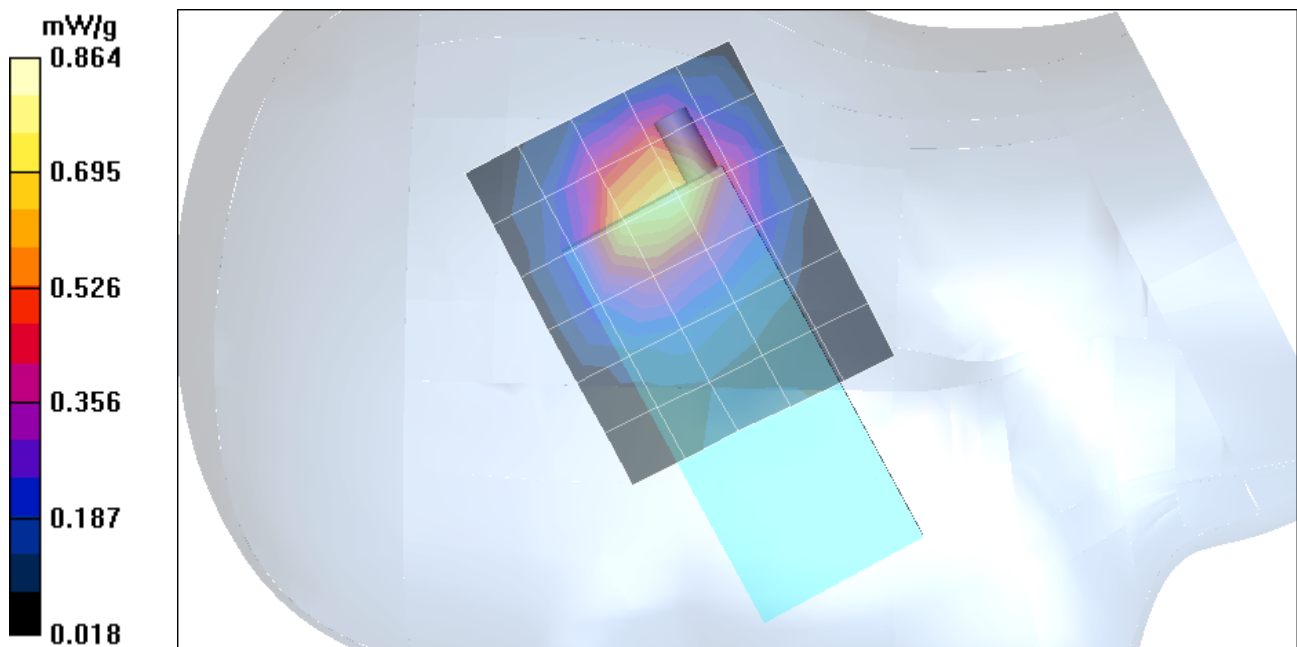
Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.439 mW/g

Reference Value = 19.6 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.864 mW/g





Test Laboratory: Compliance Certification Services

## 4\_R-Tilted

**DUT: Compal; Type: VP-5U; Serial: N/A**

DASY4 Configuration:

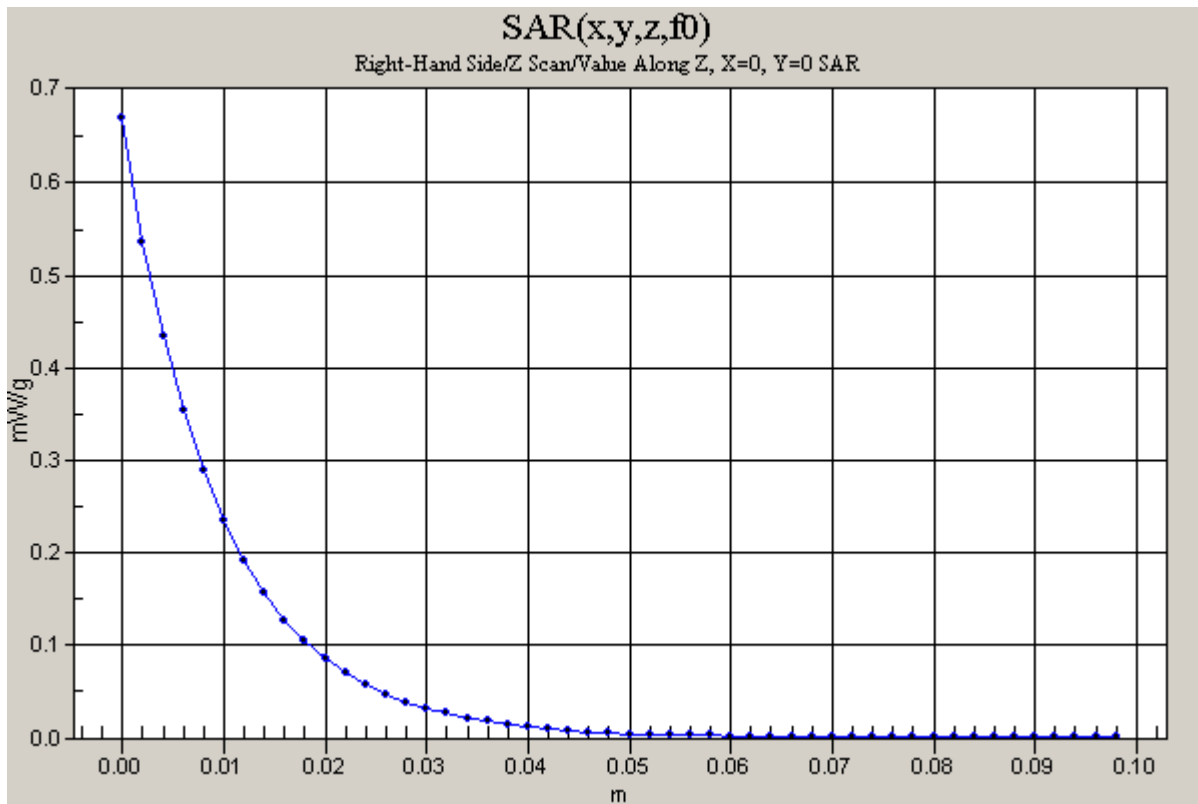
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Tilted position -High/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 19.6 V/m

Power Drift = 0.009 dB

Maximum value of SAR = 0.670 mW/g





Test Laboratory: Compliance Certification Services

## 5\_Body

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Body**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Muscle 1900 MHz ( $\sigma = 1.5918$  mho/m,  $\epsilon_r = 53.3895$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Low/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.47 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.611 mW/g

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

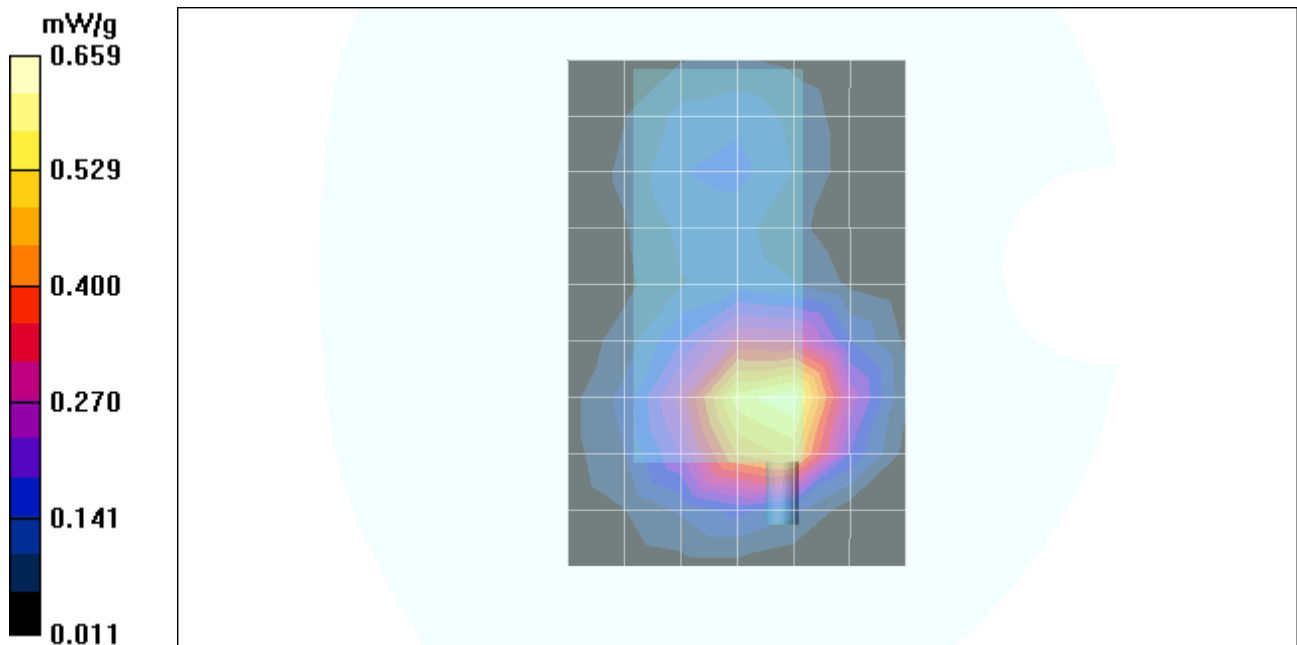
Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.365 mW/g

Reference Value = 8.47 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.659 mW/g



Test Laboratory: Compliance Certification Services

## 5\_Body

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Body**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Muscle 1900 MHz ( $\sigma = 1.5918$  mho/m,  $\epsilon_r = 53.3895$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**Middle/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.22 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 0.634 mW/g

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

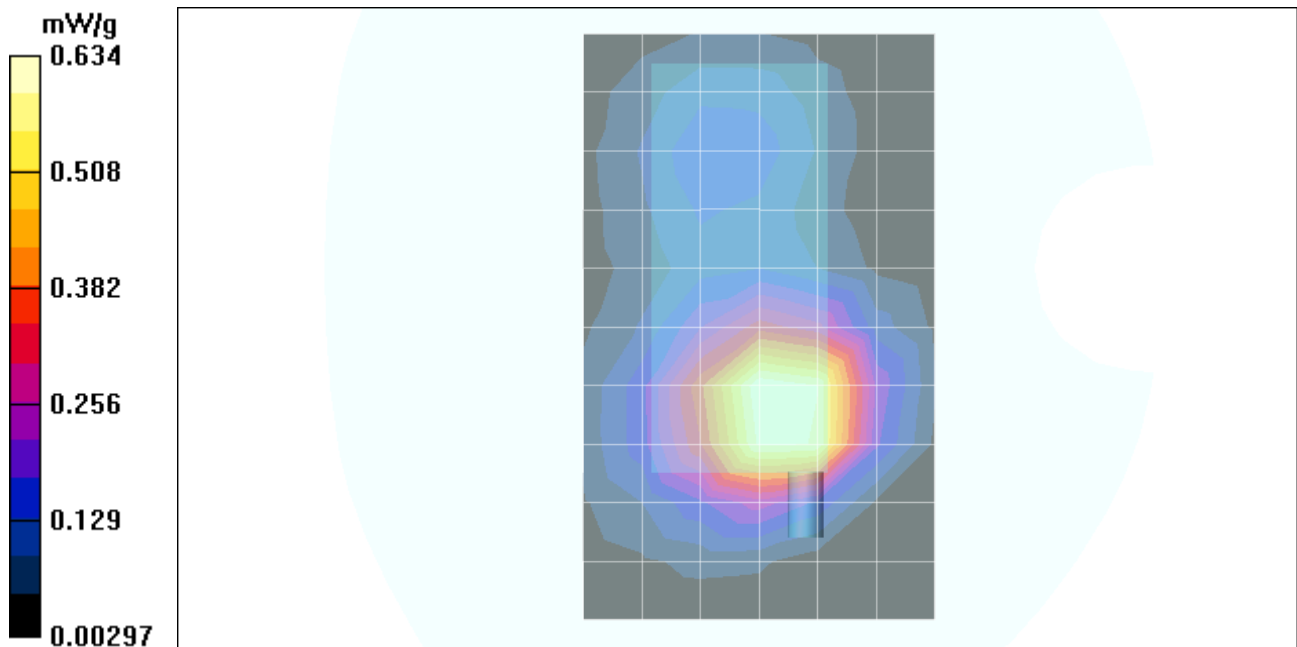
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.408 mW/g

Reference Value = 9.22 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 0.738 mW/g



Test Laboratory: Compliance Certification Services

## 5\_Body

**DUT: Compal; Type: VP-5U; Serial: N/A**

**Program Name: Body**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Muscle 1900 MHz ( $\sigma = 1.5918$  mho/m,  $\epsilon_r = 53.3895$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**High/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.63 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.711 mW/g

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

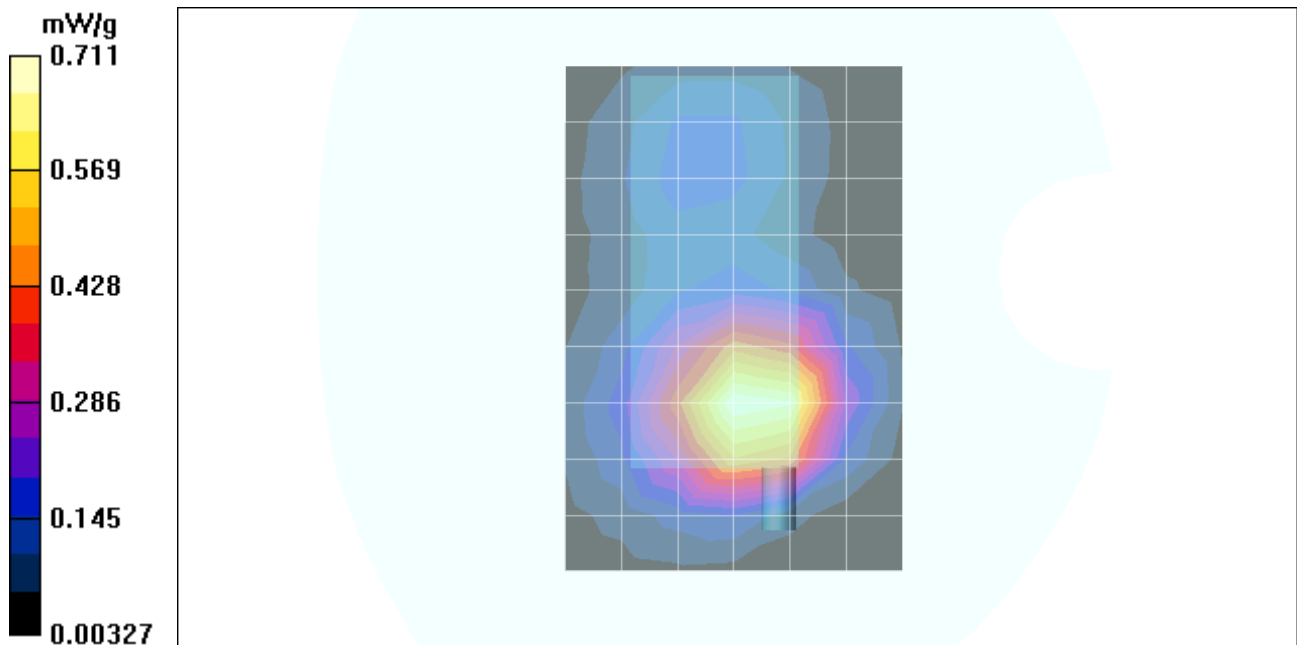
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.420 mW/g

Reference Value = 9.63 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.772 mW/g



Test Laboratory: Compliance Certification Services

## 5\_Body

**DUT: Compal; Type: VP-5U; Serial: N/A**

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

**High/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 9.63 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.652 mW/g

