

Test Laboratory: Compliance Certification Services

## 1\_Left Touch

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

**Program Name: Left-Hand Side**

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

Communication System: AMPS 835; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 32.1 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.57 mW/g

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

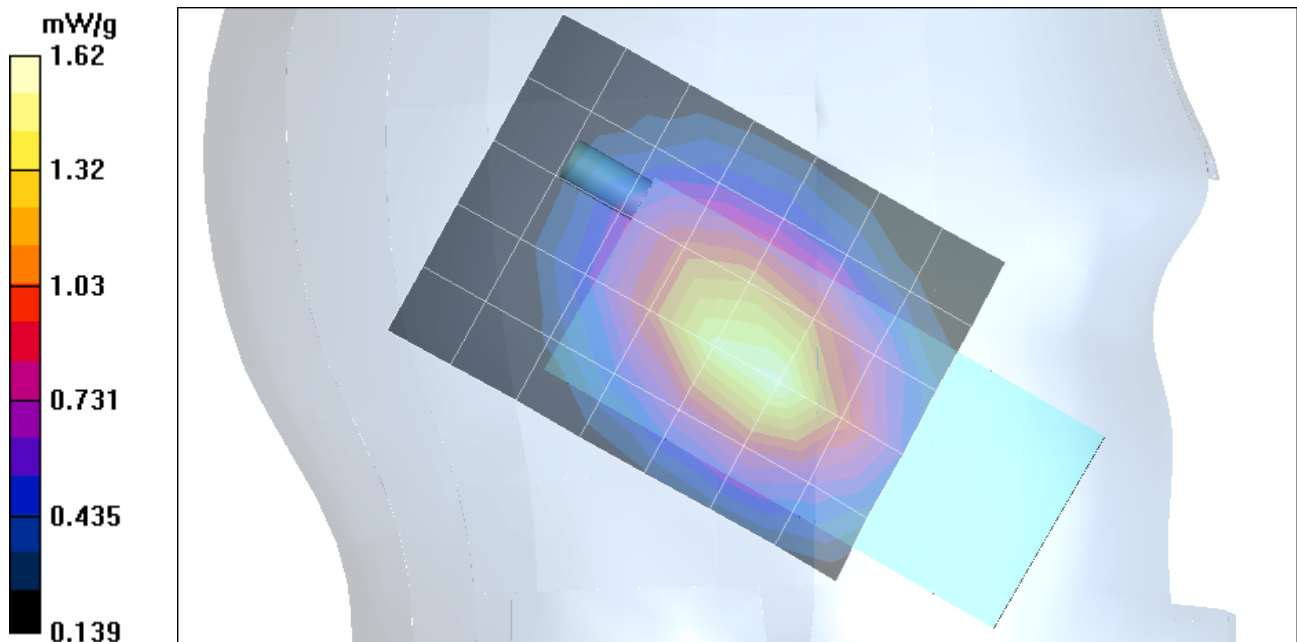
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.51 mW/g; SAR(10 g) = 1.02 mW/g

Reference Value = 32.1 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.62 mW/g



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## 1\_Left Touch

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

DASY4 Configuration:

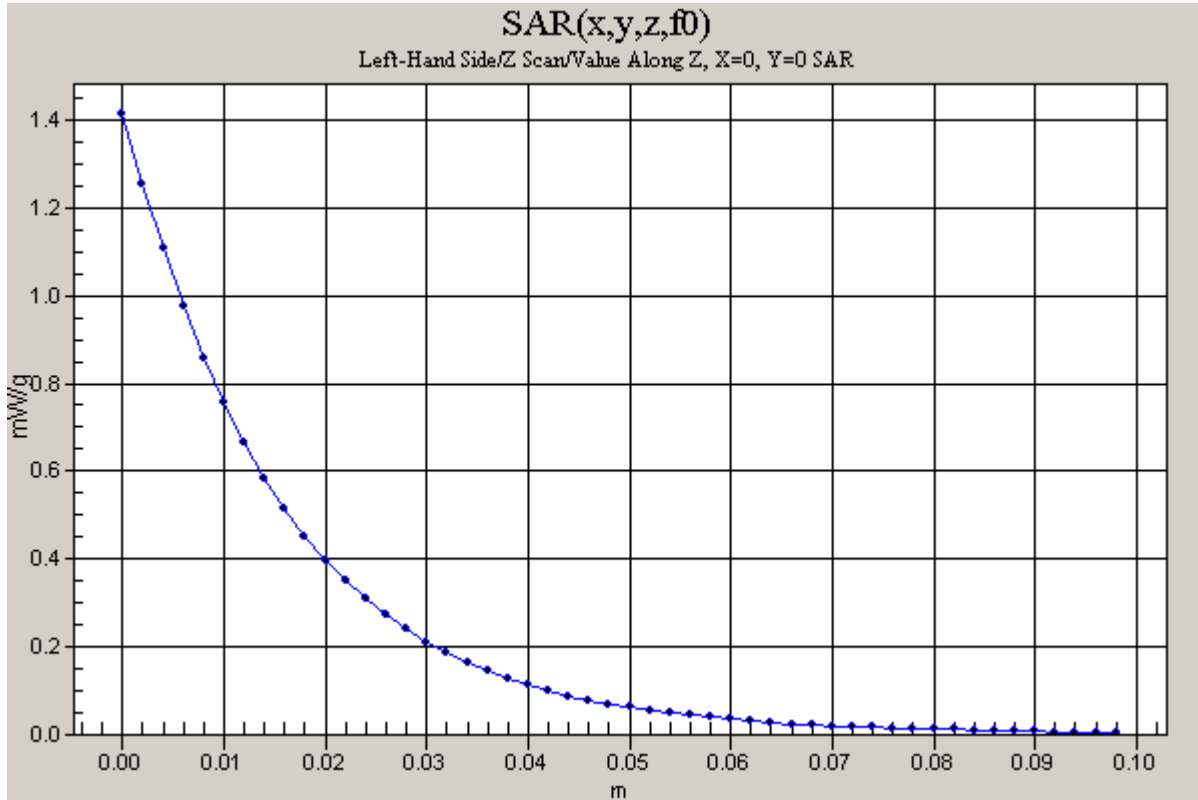
- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 32.1 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.42 mW/g



Test Laboratory: Compliance Certification Services

## 1\_Left Touch

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

**Program Name: Left-Hand Side**

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

Communication System: AMPS 835; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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

Reference Value = 31.1 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.47 mW/g

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

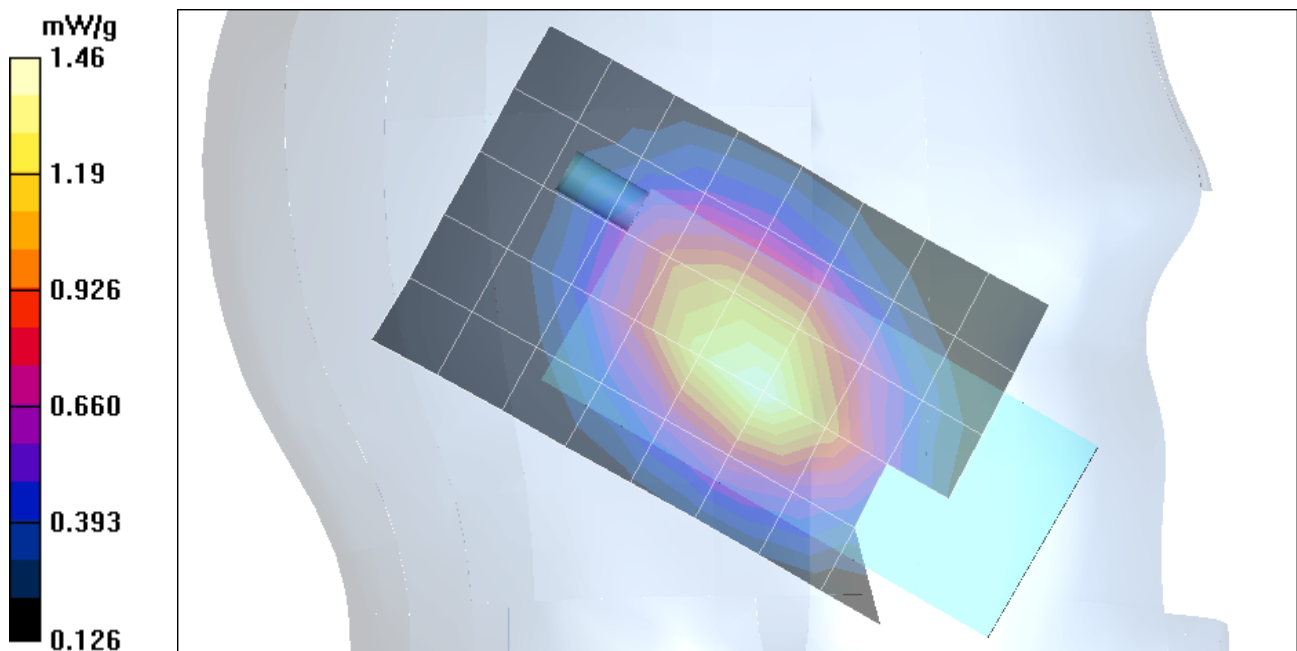
Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.922 mW/g

Reference Value = 31.1 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.46 mW/g



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## 1\_Left Touch

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

**Program Name: Left-Hand Side**

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

Communication System: AMPS 835; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 30 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 1.41 mW/g

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

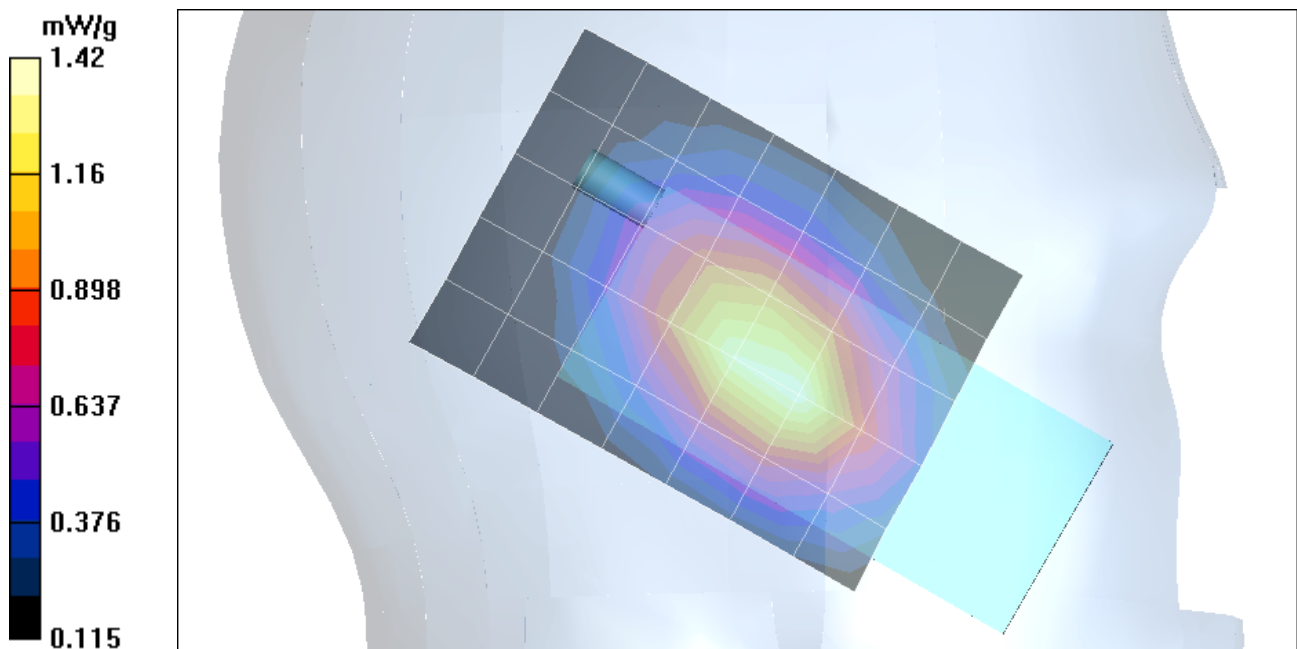
Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.896 mW/g

Reference Value = 30 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 1.42 mW/g



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## 2\_Left Tilt

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

**Program Name: Left-Hand Side**

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

Communication System: AMPS 835; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 31.2 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 0.965 mW/g

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

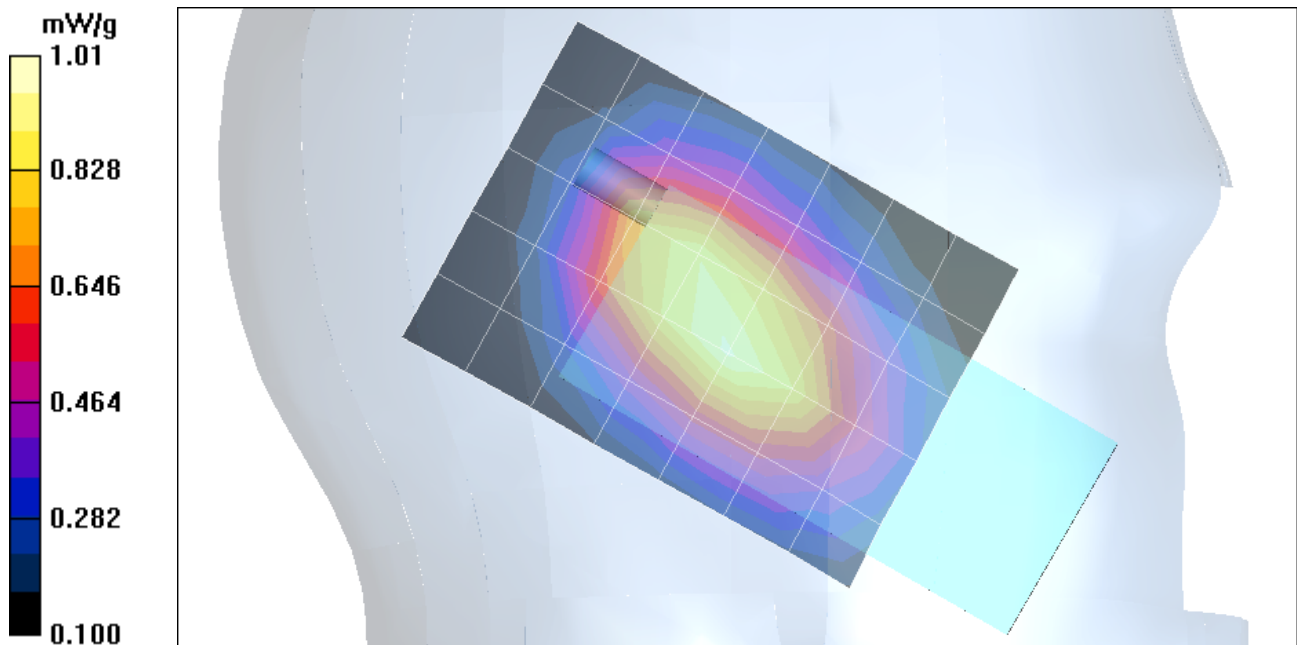
Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.662 mW/g

Reference Value = 31.2 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 1.01 mW/g



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## 2\_Left Tilt

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

DASY4 Configuration:

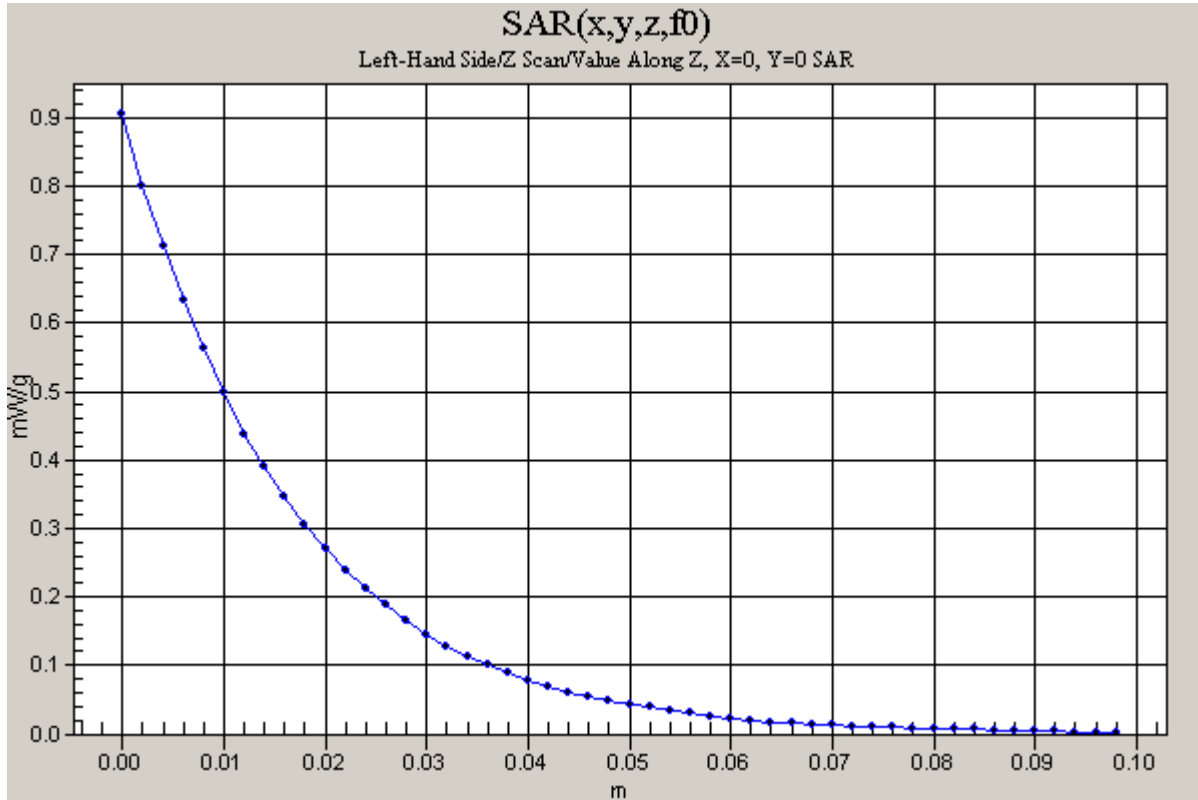
- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 31.2 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.906 mW/g



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## 2\_Left Tilt

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

**Program Name: Left-Hand Side**

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

Communication System: AMPS 835; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 = 28.9 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.883 mW/g

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

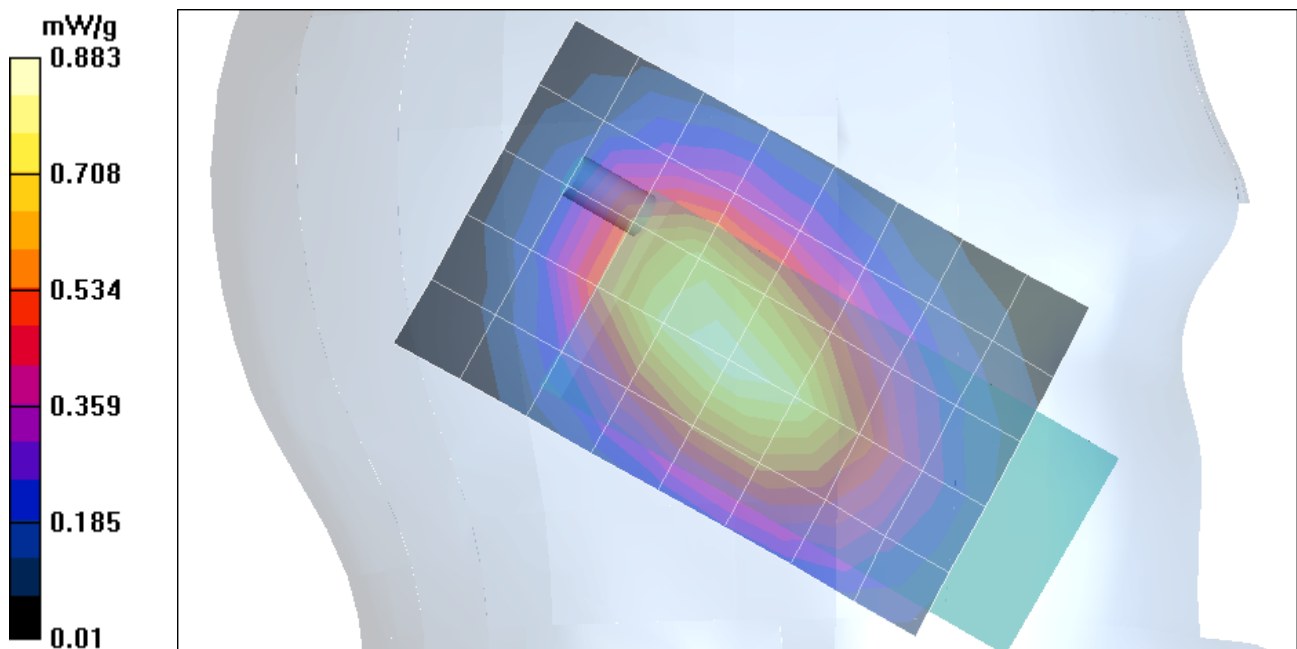
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.561 mW/g

Reference Value = 28.9 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.855 mW/g



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## 2\_Left Tilt

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

**Program Name: Left-Hand Side**

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

Communication System: AMPS 835; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 27.9 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.784 mW/g

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

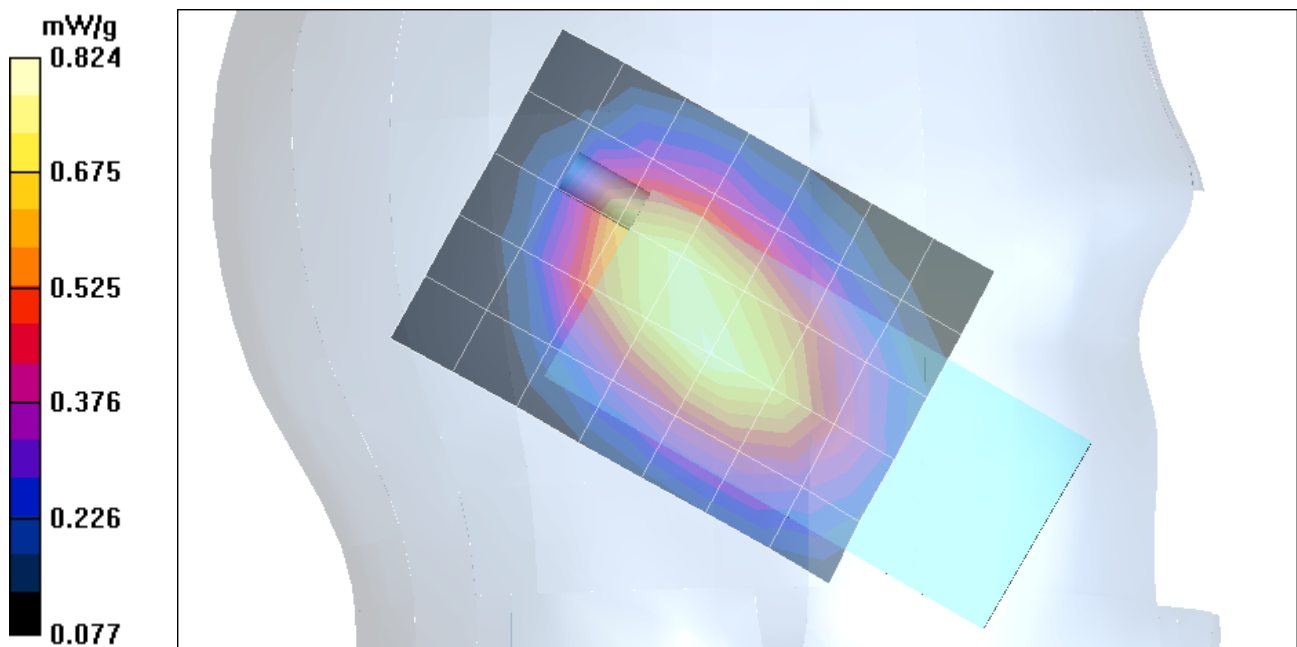
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.538 mW/g

Reference Value = 27.9 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.824 mW/g





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### 3\_Right Touch

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

**Program Name: Right-Hand Side**

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

Communication System: AMPS 835; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 32.8 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.34 mW/g

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

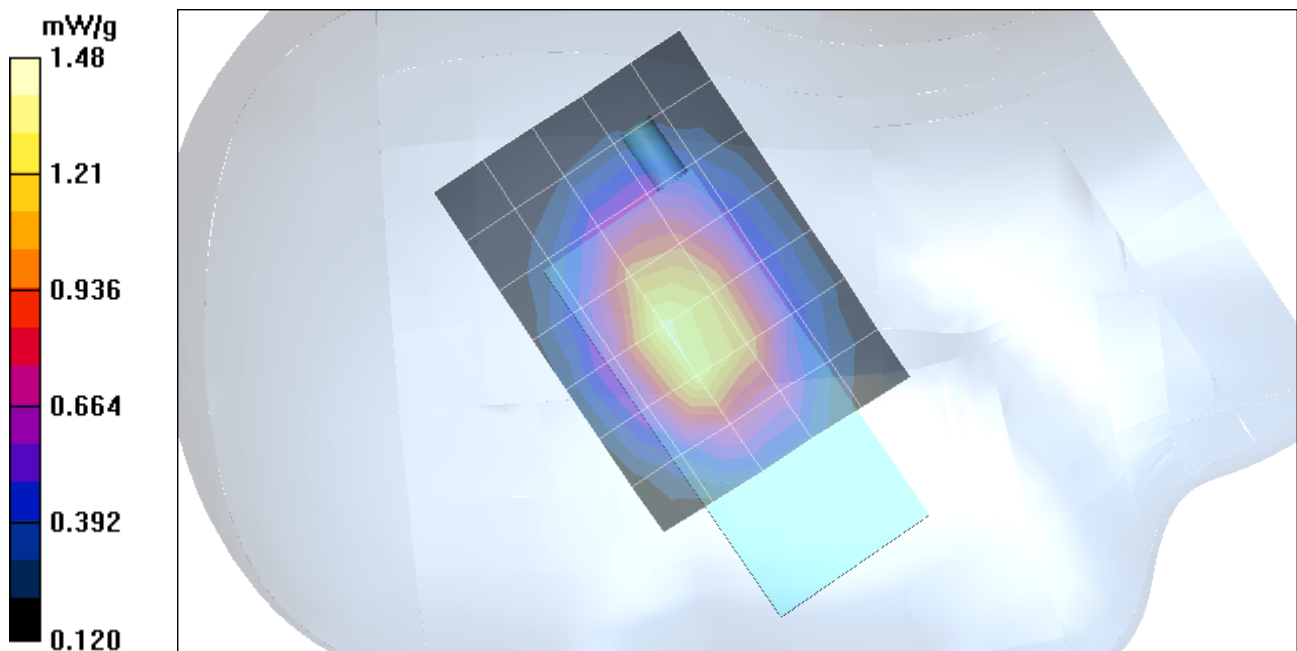
Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.927 mW/g

Reference Value = 32.8 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.48 mW/g



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### 3\_Right Touch

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

DASY4 Configuration:

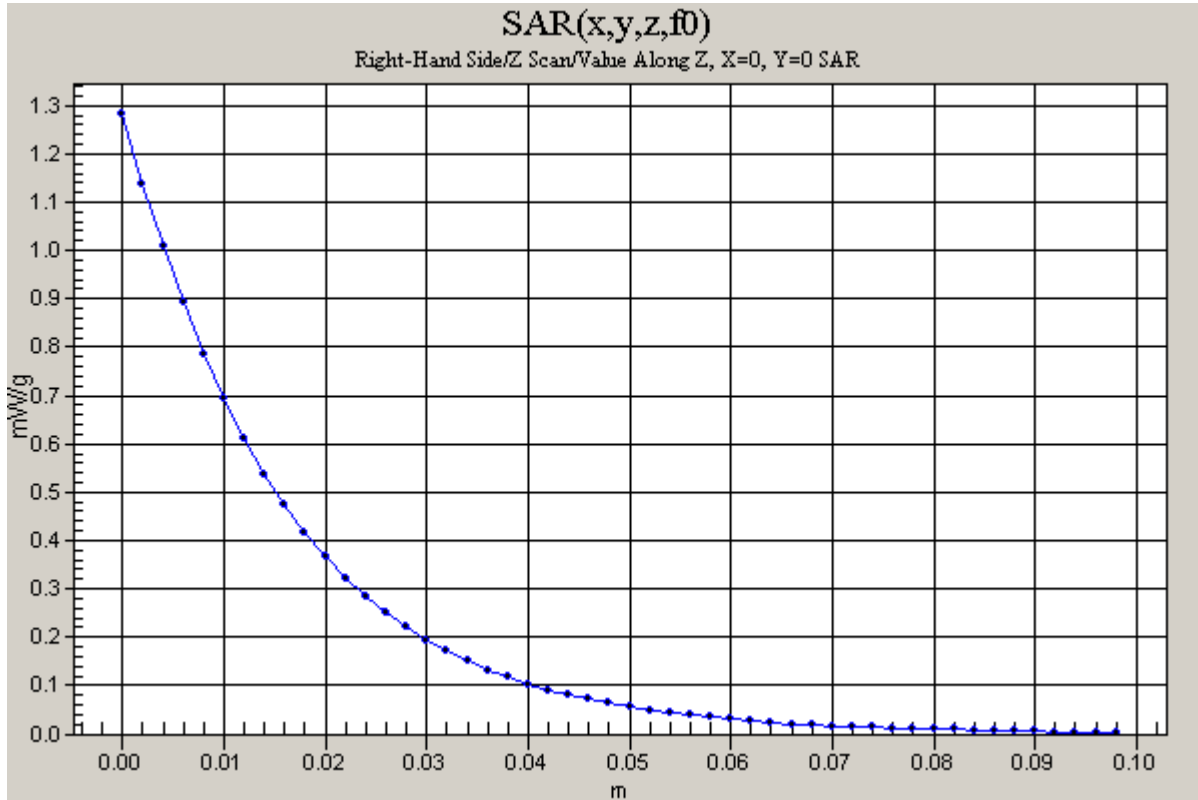
- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 32.8 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 1.28 mW/g



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### 3\_Right Touch

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

**Program Name: Right-Hand Side**

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

Communication System: AMPS 835; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 30.7 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.24 mW/g

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

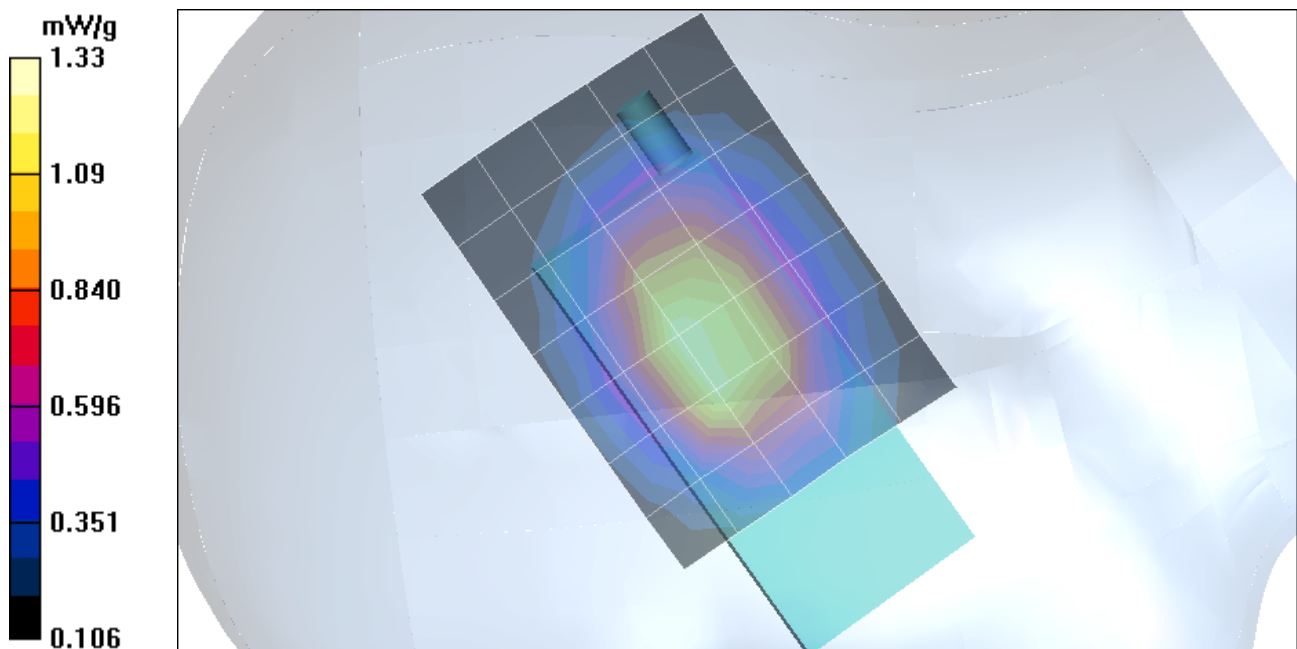
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.844 mW/g

Reference Value = 30.7 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.33 mW/g



Test Laboratory: Compliance Certification Services

### 3\_Right Touch

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

**Program Name: Right-Hand Side**

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

Communication System: AMPS 835; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 30.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.21 mW/g

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

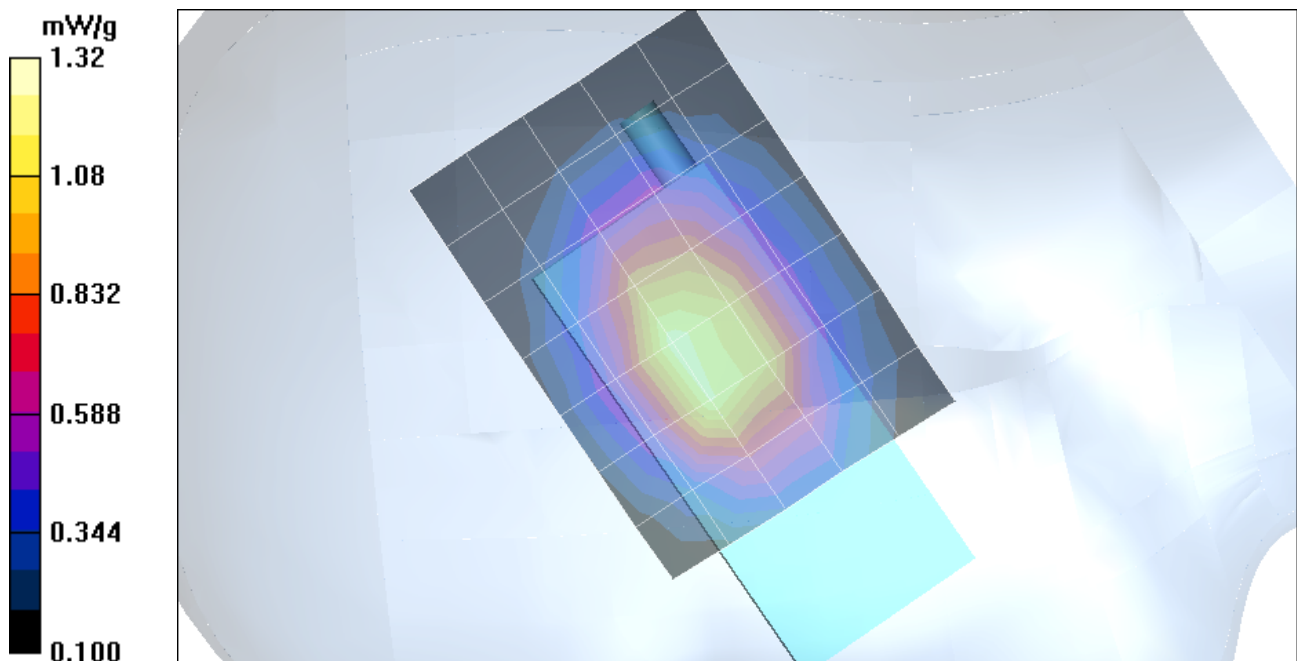
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.835 mW/g

Reference Value = 30.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.32 mW/g



Test Laboratory: Compliance Certification Services

## 4\_Right Tilt

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

**Program Name: Right-Hand Side**

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

Communication System: AMPS 835; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 29.3 V/m

Power Drift = 0.0009 dB

Maximum value of SAR = 0.802 mW/g

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

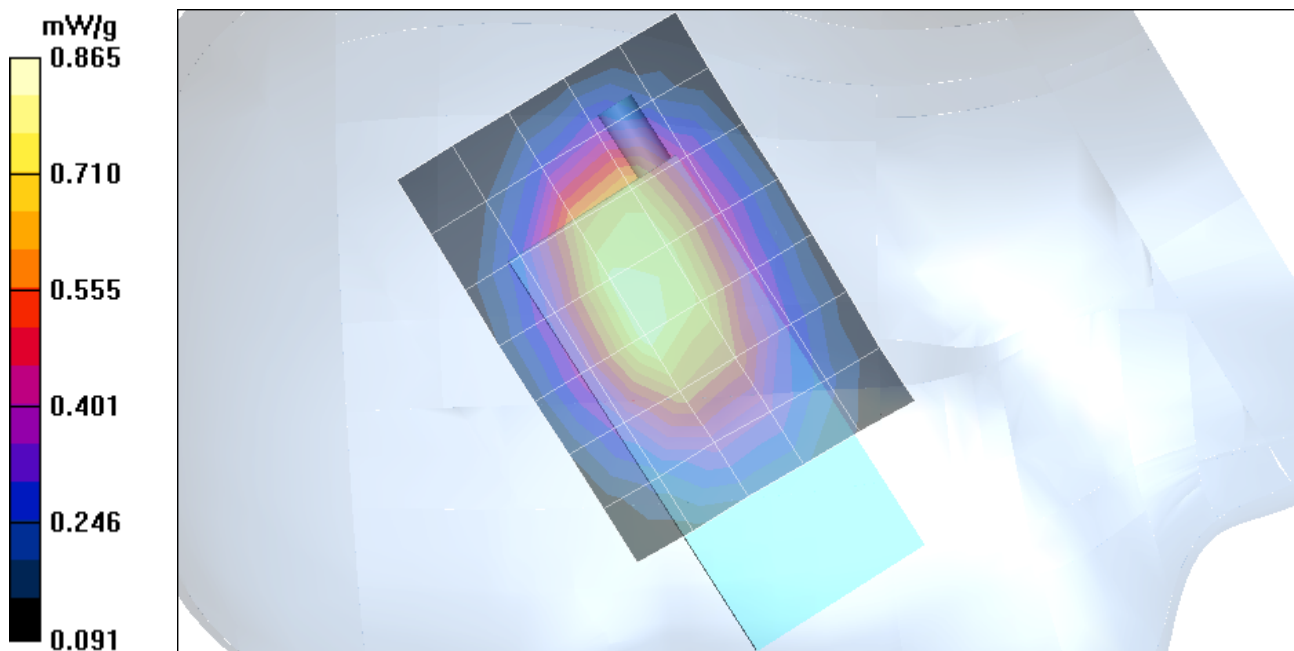
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.567 mW/g

Reference Value = 29.3 V/m

Power Drift = 0.0009 dB

Maximum value of SAR = 0.865 mW/g



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## 4\_Right Tilt

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

DASY4 Configuration:

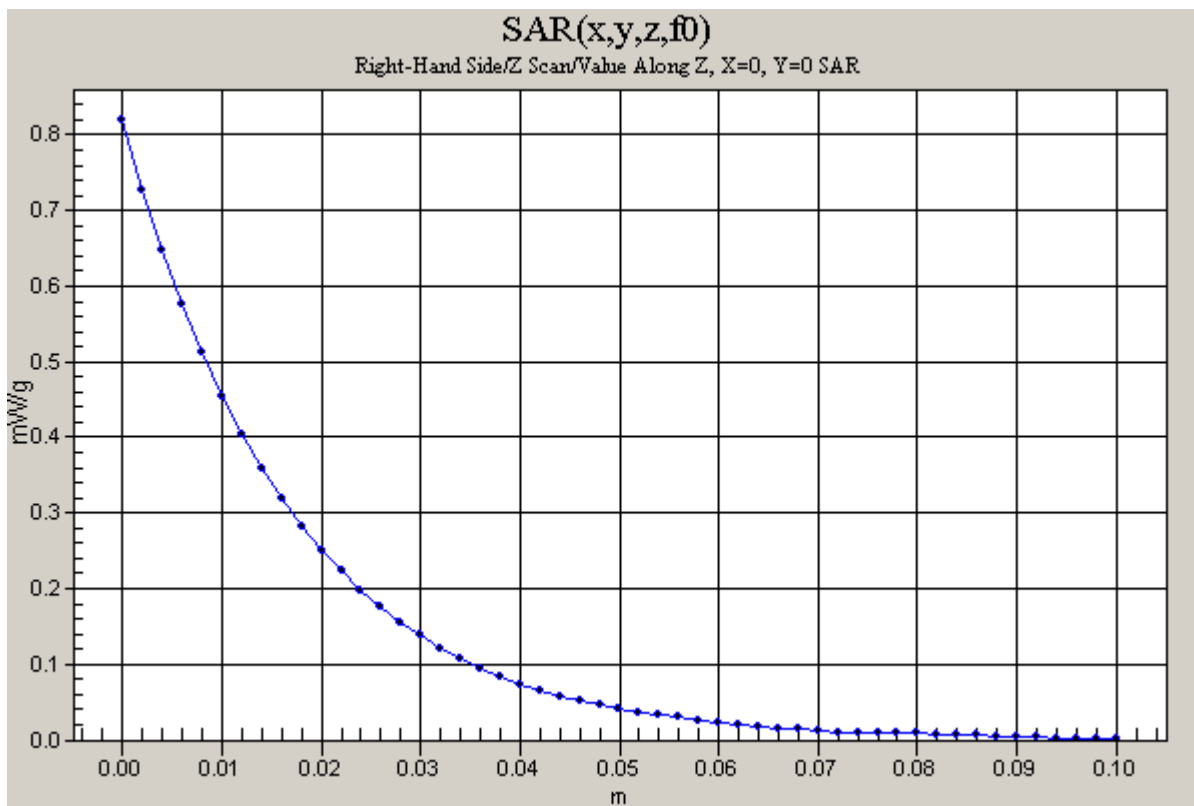
- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 29.3 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.820 mW/g



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## 4\_Right Tilt

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

**Program Name: Right-Hand Side**

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

Communication System: AMPS 835; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 28.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.733 mW/g

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

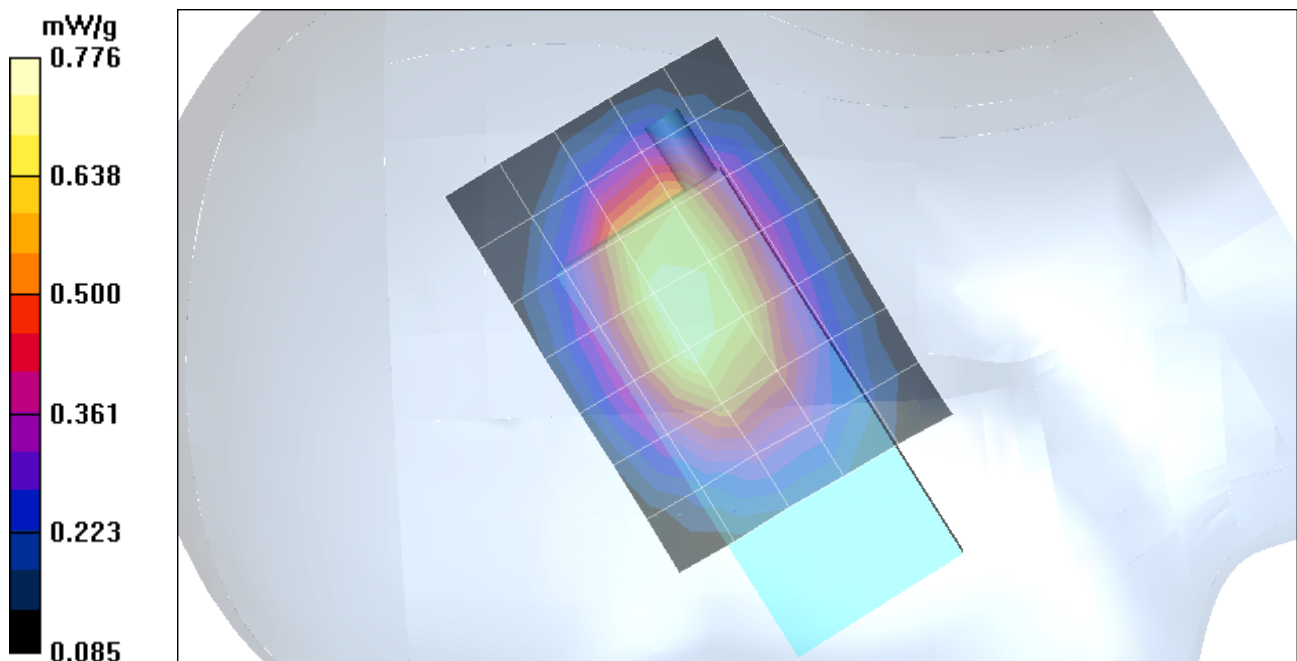
Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.512 mW/g

Reference Value = 28.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.776 mW/g



Test Laboratory: Compliance Certification Services

## 4\_Right Tilt

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

**Program Name: Right-Hand Side**

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

Communication System: AMPS 835; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ( $\sigma = 0.923$  mho/m,  $\epsilon_r = 41.8952$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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 (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 27 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.668 mW/g

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

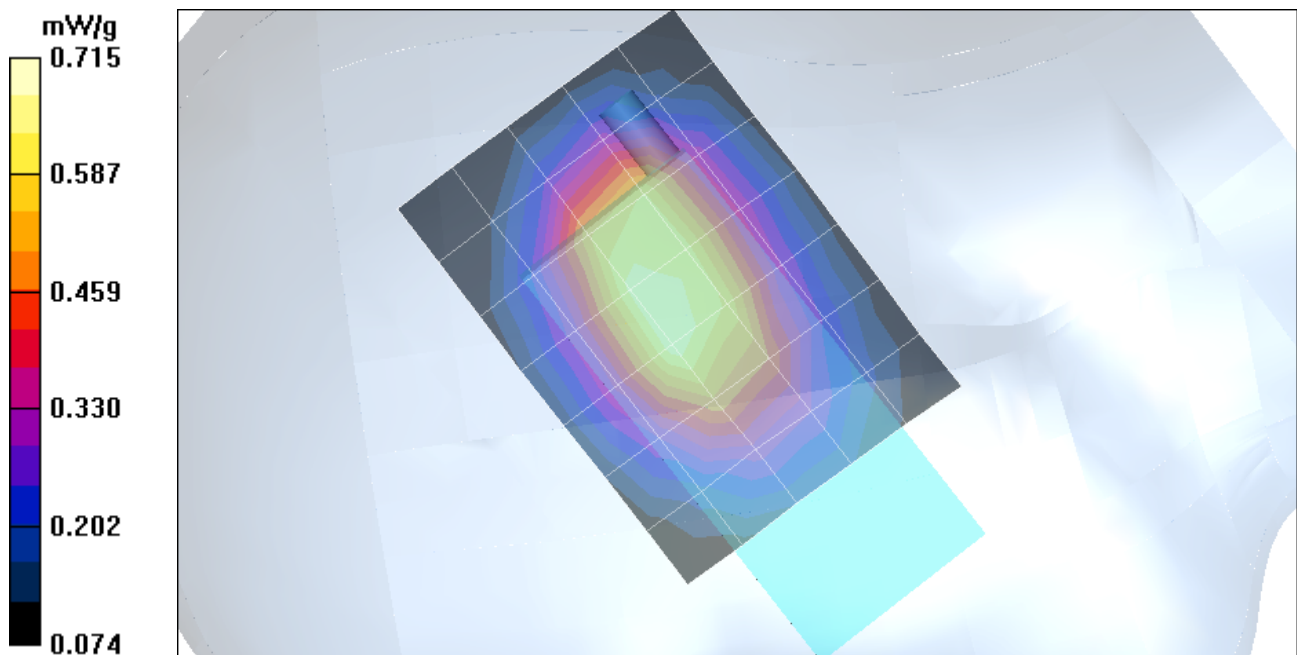
Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.472 mW/g

Reference Value = 27 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.715 mW/g





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## 5\_Body

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

**Program Name: Body**

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

Communication System: AMPS 835; Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium: Body 835 MHz ( $\sigma = 0.9639$  mho/m,  $\epsilon_r = 55.3122$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.3, 6.3, 6.3); 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 = 24.7 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.780 mW/g

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

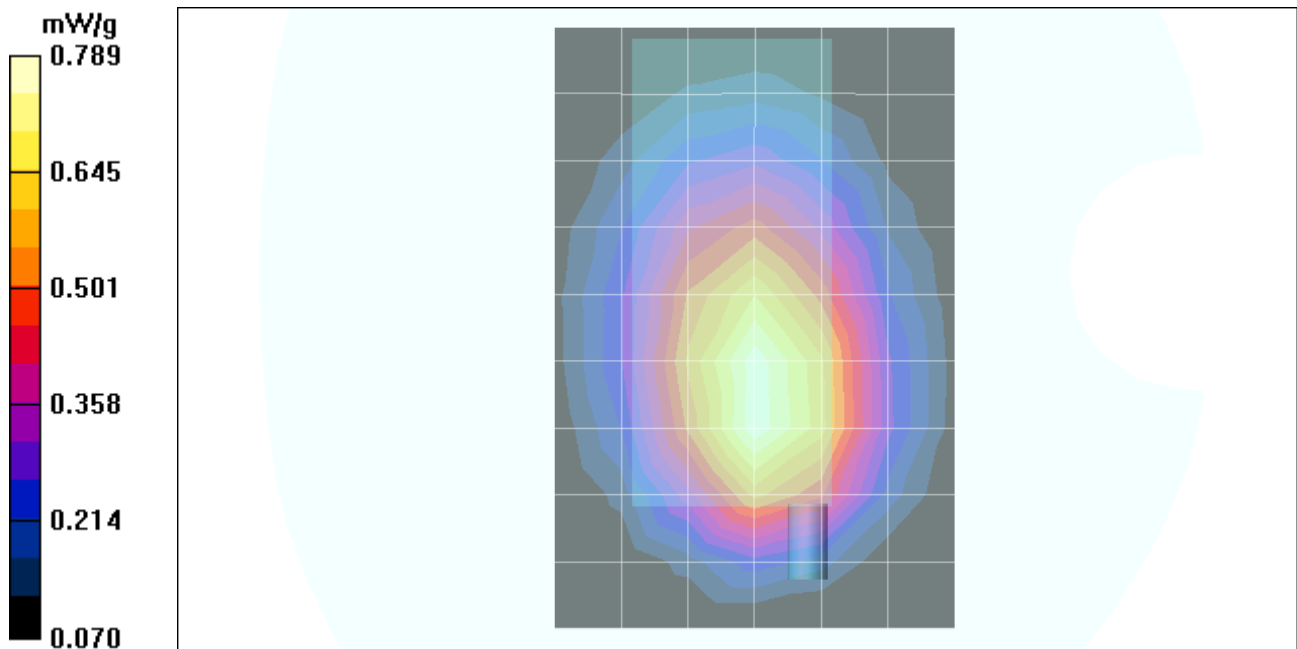
Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.526 mW/g

Reference Value = 24.7 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.789 mW/g



Test Laboratory: Compliance Certification Services

## 5\_Body

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

DASY4 Configuration:

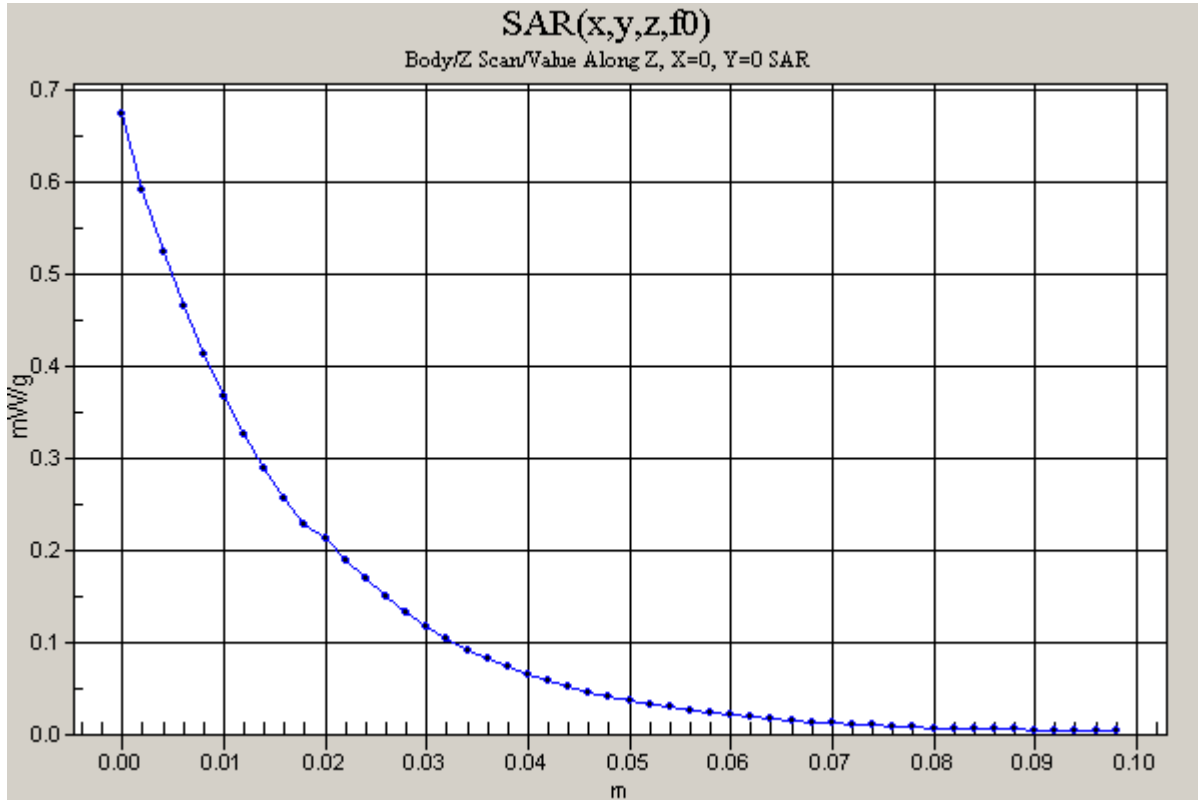
- Probe: ES3DV2 - SN3021; ConvF(6.3, 6.3, 6.3); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 24.7 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.675 mW/g



Test Laboratory: Compliance Certification Services

## 5\_Body

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

**Program Name: Body**

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

Communication System: AMPS 835; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Body 835 MHz ( $\sigma = 0.9639$  mho/m,  $\epsilon_r = 55.3122$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.3, 6.3, 6.3); 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 = 23.8 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.732 mW/g

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

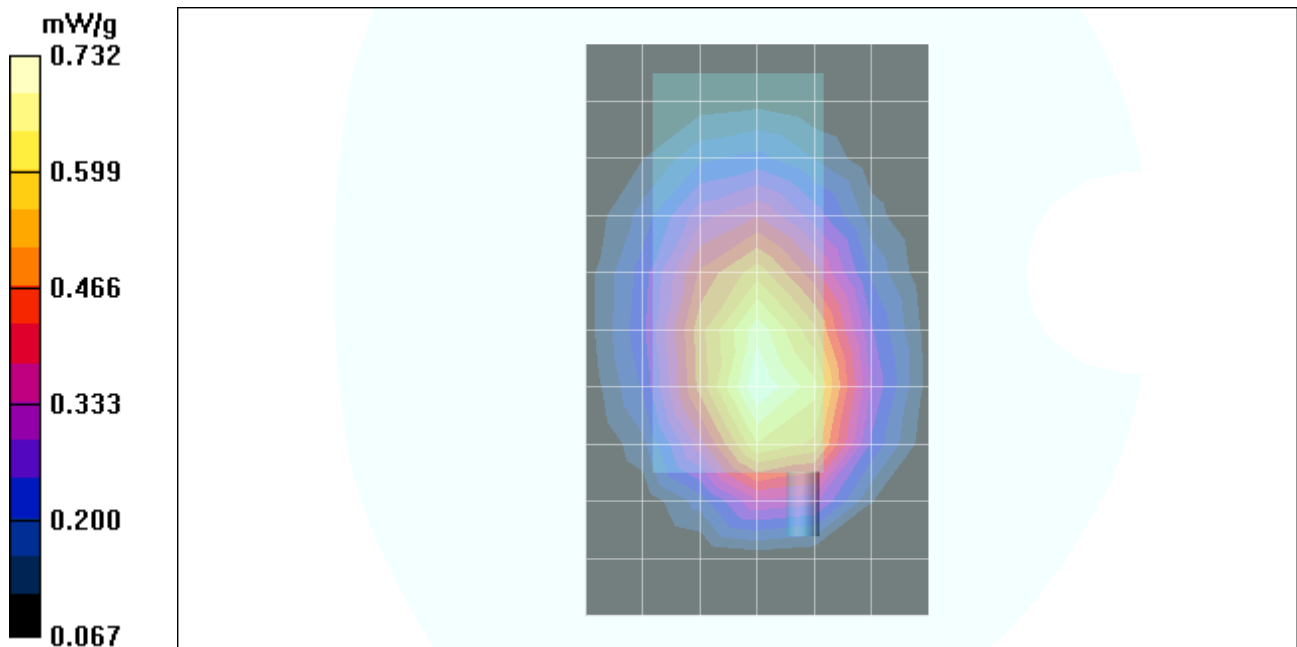
Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.485 mW/g

Reference Value = 23.8 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.732 mW/g



Test Laboratory: Compliance Certification Services

## 5\_Body

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

**Program Name: Body**

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

Communication System: AMPS 835; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium: Body 835 MHz ( $\sigma = 0.9639$  mho/m,  $\epsilon_r = 55.3122$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.3, 6.3, 6.3); 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 = 23.5 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.694 mW/g

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

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.477 mW/g

Reference Value = 23.5 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.730 mW/g

