

Test Laboratory: Compliance Certification Services

File Name: [1\\_Left Head Touch.da4](#)

**DUT: Compal; Type: VT-5D; Serial: N/A**

**Program Name: 1\_Left Head Touch**

**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**M-ch/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 20.6 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.581 mW/g

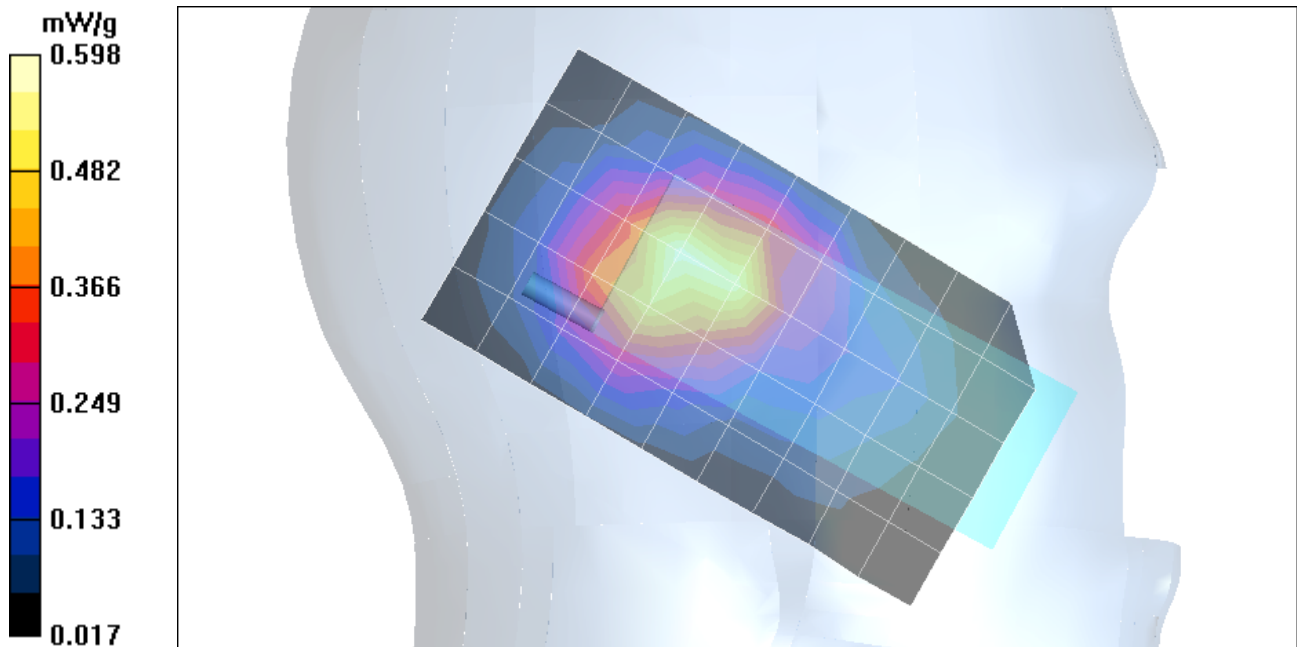
**M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.598 mW/g

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.357 mW/g**



Test Laboratory: Compliance Certification Services

File Name: [2\\_Left Head Tilt.da4](#)

**DUT: Compal; Type: VT-5D; Serial: N/A**

**Program Name: 2\_Left Head Tilt**

**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**M-ch/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.6 V/m; Power Drift = -0.0 dB

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

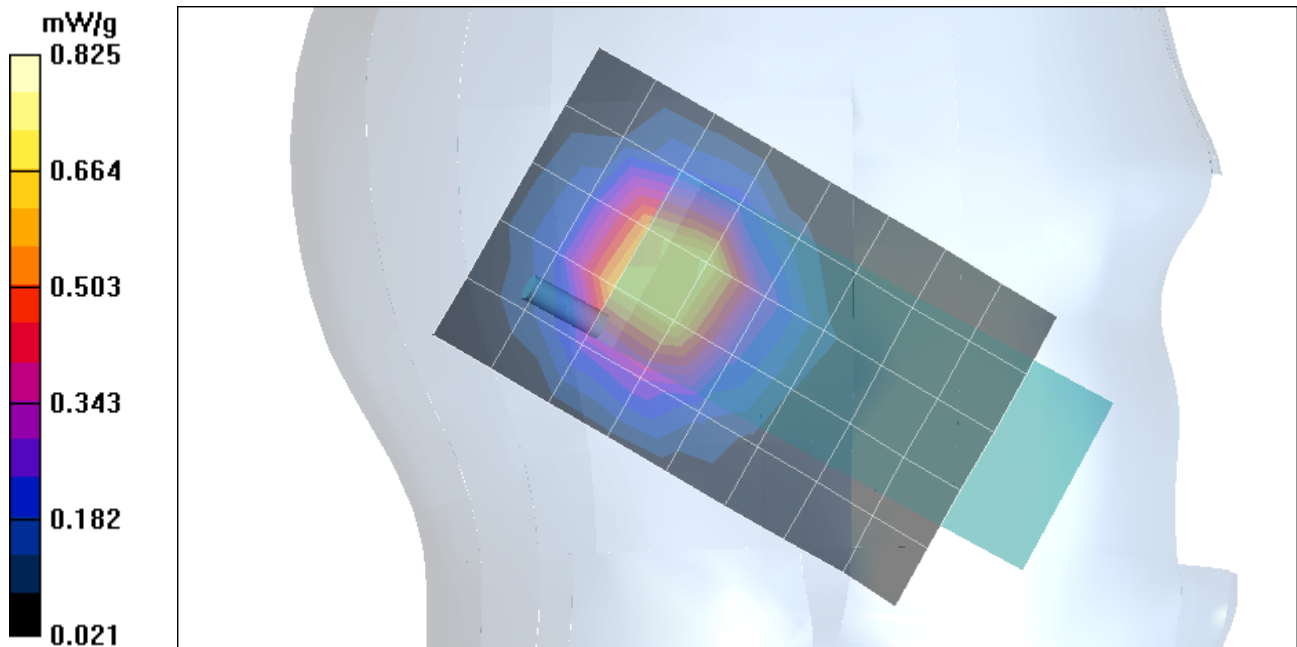
**M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.825 mW/g

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.441 mW/g**



Test Laboratory: Compliance Certification Services

File Name: [3\\_Right Head Touch.da4](#)

**DUT: Compal; Type: VT-5D; Serial: N/A**

**Program Name: 3\_Right Head Touch**

**Ambient Temp.: 24 deg. C; Liquid Temp.: 23 deg. C**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**M-ch/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 19.7 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.616 mW/g

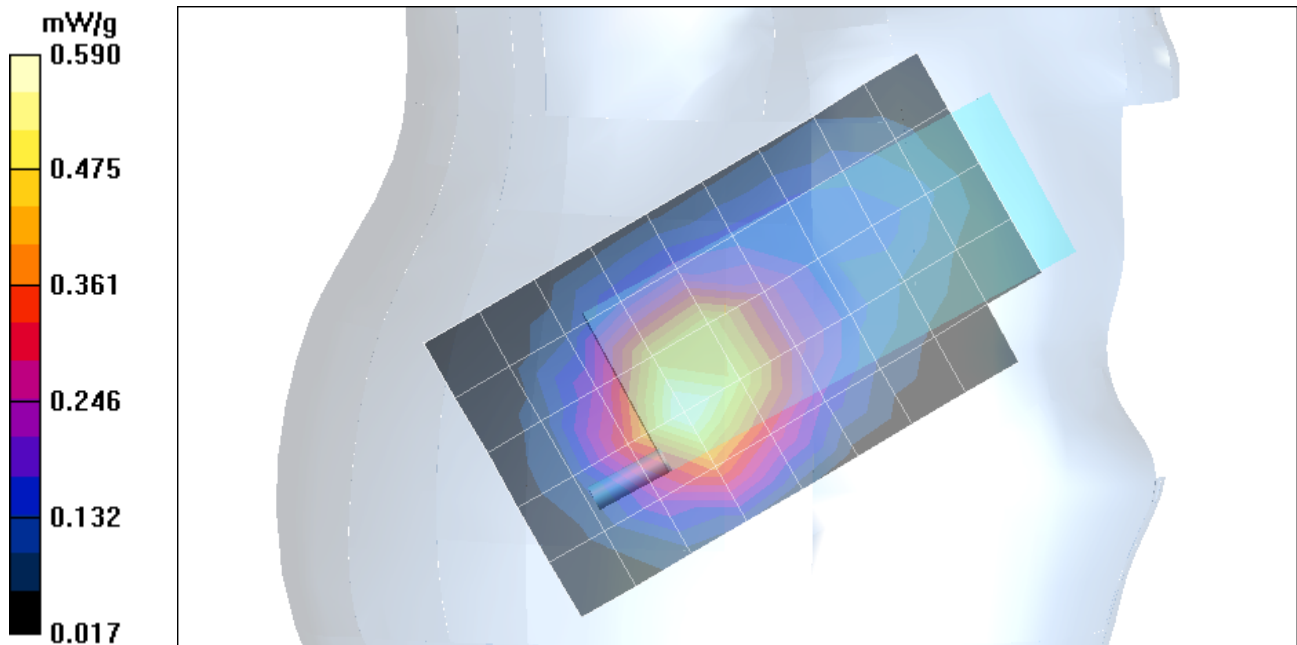
**M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.590 mW/g

Peak SAR (extrapolated) = 0.907 W/kg

**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.344 mW/g**



Test Laboratory: Compliance Certification Services

File Name: [4\\_Right Head Tilt.da4](#)

**DUT: Compal; Type: VT-5D; Serial: N/A**

**Program Name: 4\_Right Head Tilt**

**Ambient Temp.: 24 deg. C; Liquid Temp.: 23 deg. C**

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

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**L-ch/Area Scan (6x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Reference Value = 21.5 V/m; Power Drift = 0.002 dB

Maximum value of SAR (measured) = 0.717 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

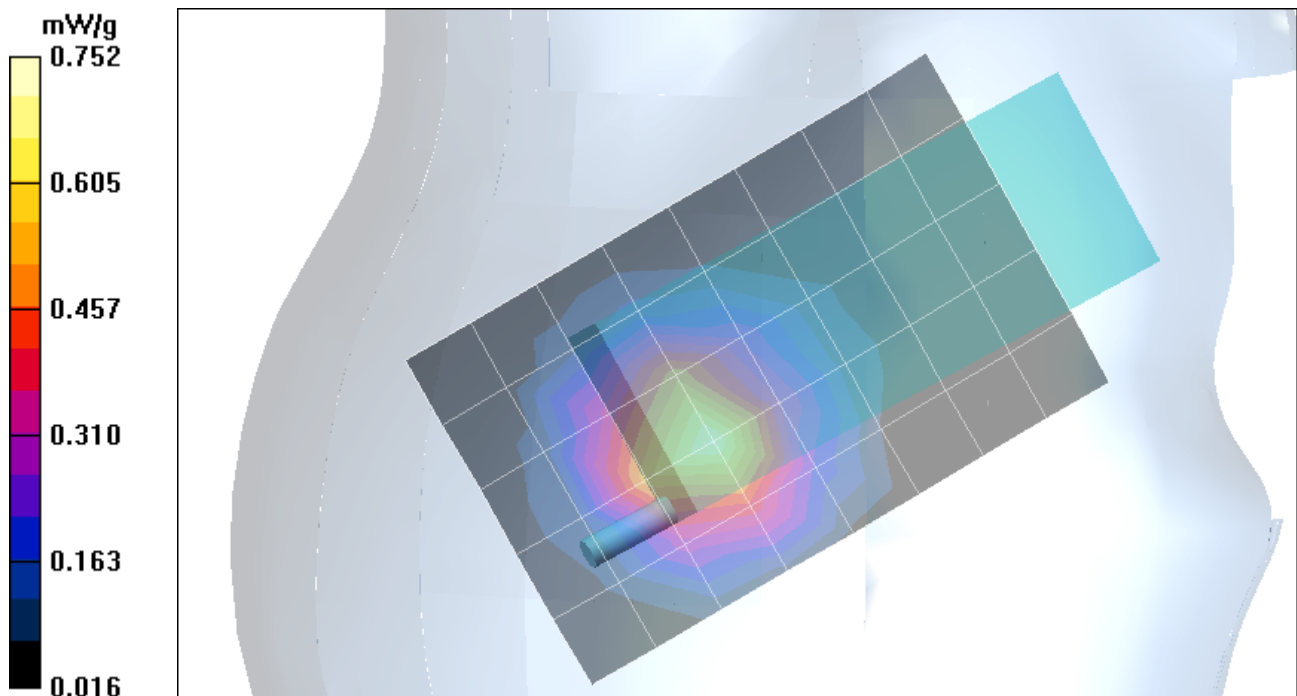
Reference Value = 21.5 V/m; Power Drift = 0.002 dB

Maximum value of SAR (measured) = 0.752 mW/g

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.397 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [4\\_Right Head Tilt.da4](#)

**DUT: Compal; Type: VT-5D; Serial: N/A**  
**Program Name: 4\_Right Head Tilt**  
**Ambient Temp.: 24 deg. C; Liquid Temp.: 23 deg. C**

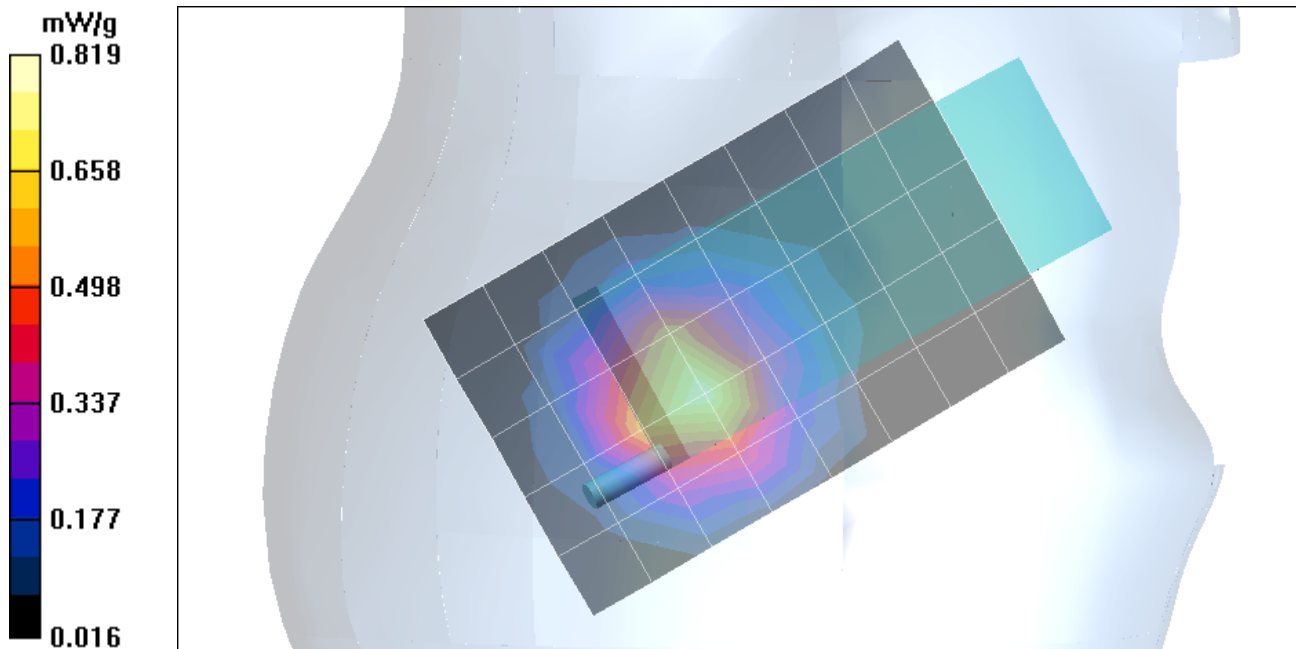
Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**M-ch/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 22.4 V/m; Power Drift = 0.1 dB  
Maximum value of SAR (measured) = 0.774 mW/g

**M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 22.4 V/m; Power Drift = 0.1 dB  
Maximum value of SAR (measured) = 0.819 mW/g  
Peak SAR (extrapolated) = 1.25 W/kg  
**SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.433 mW/g**



Test Laboratory: Compliance Certification Services

File Name: [4\\_Right Head Tilt.da4](#)

**DUT: Compal; Type: VT-5D; Serial: N/A**

**Program Name: 4\_Right Head Tilt**

**Ambient Temp.: 24 deg. C; Liquid Temp.: 23 deg. C**

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

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**H-ch/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 24 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.890 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

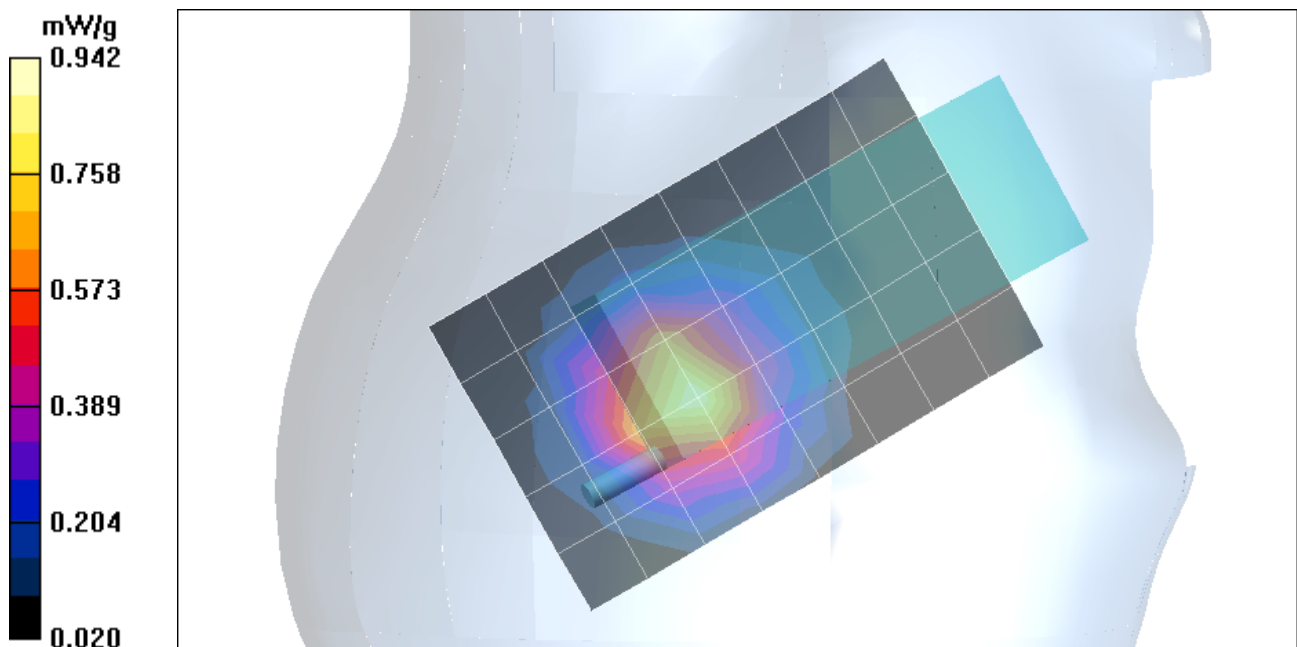
Reference Value = 24 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.942 mW/g

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.495 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [4\\_Right Head Tilt.da4](#)

**DUT: Compal; Type: VT-5D; Serial: N/A**

**Program Name: 4\_Right Head Tilt**

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

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

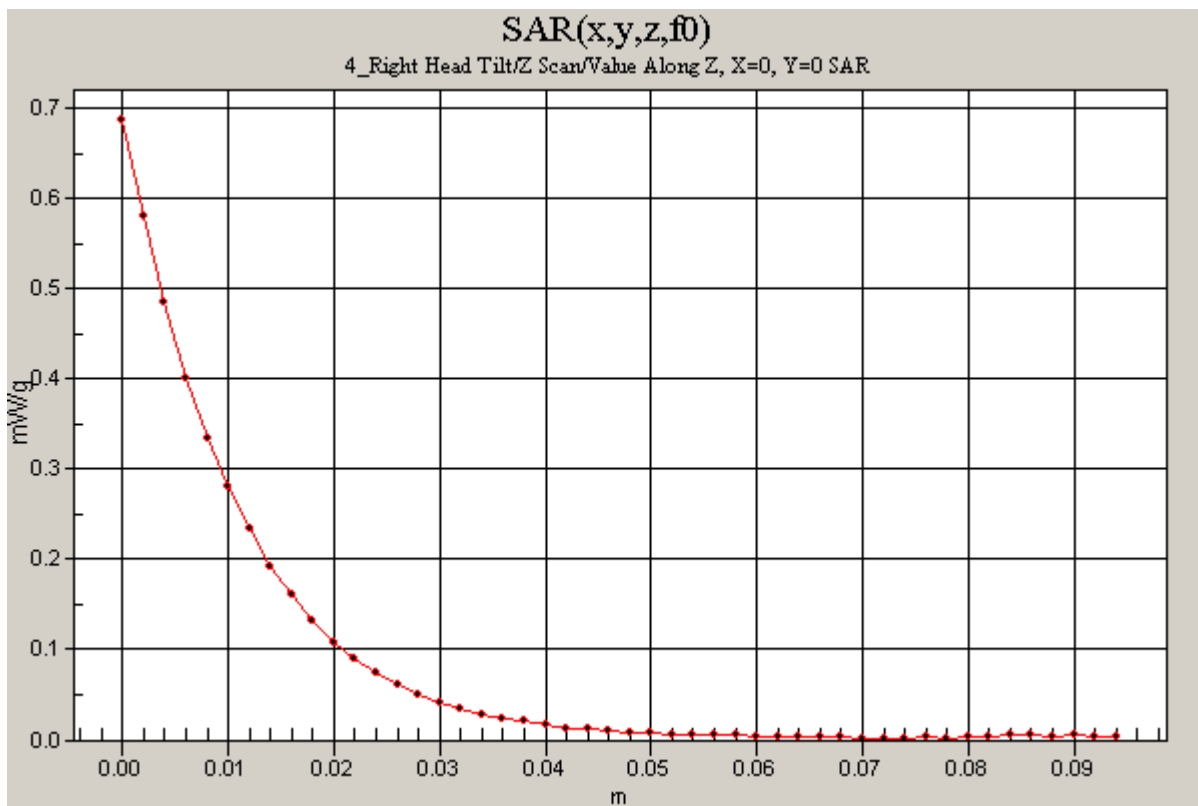
Phantom section: Right Section

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

Reference Value = 24 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.687 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [5\\_Body.da4](#)

**DUT: Compal Electronics, Inc.; Type: VT-5D; Serial: N/A**

**Program Name: 5\_Body**

**Ambient Temp.: 24 deg. C; Liquid Temp.: 23 deg. C**

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

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 1; Type: SAM 1; Serial: 1185

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**L-ch/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.69 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.408 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

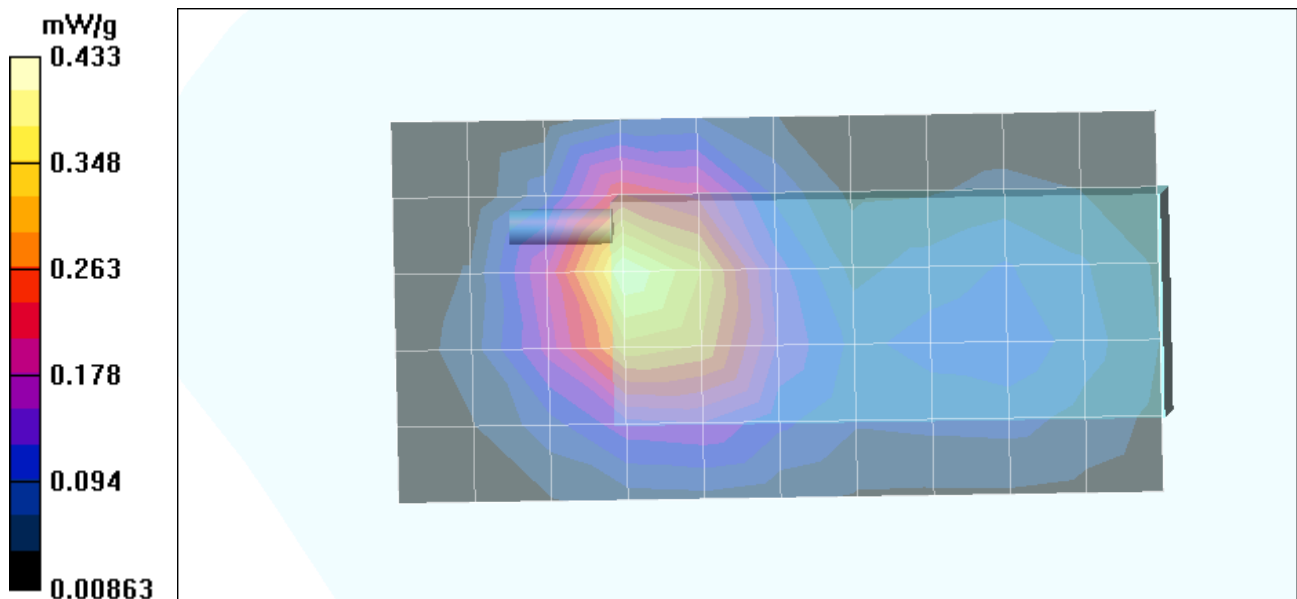
Reference Value = 7.69 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.433 mW/g

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.236 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)





Test Laboratory: Compliance Certification Services

File Name: [5\\_Body.da4](#)

**DUT: Compal Electronics, Inc.; Type: VT-5D; Serial: N/A**

**Program Name: 5\_Body**

**Ambient Temp.: 24 deg. C; Liquid Temp.: 23 deg. C**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 1; Type: SAM 1; Serial: 1185

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**M-ch/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.72 V/m; Power Drift = -0.01 dB

Maximum value of SAR (measured) = 0.410 mW/g

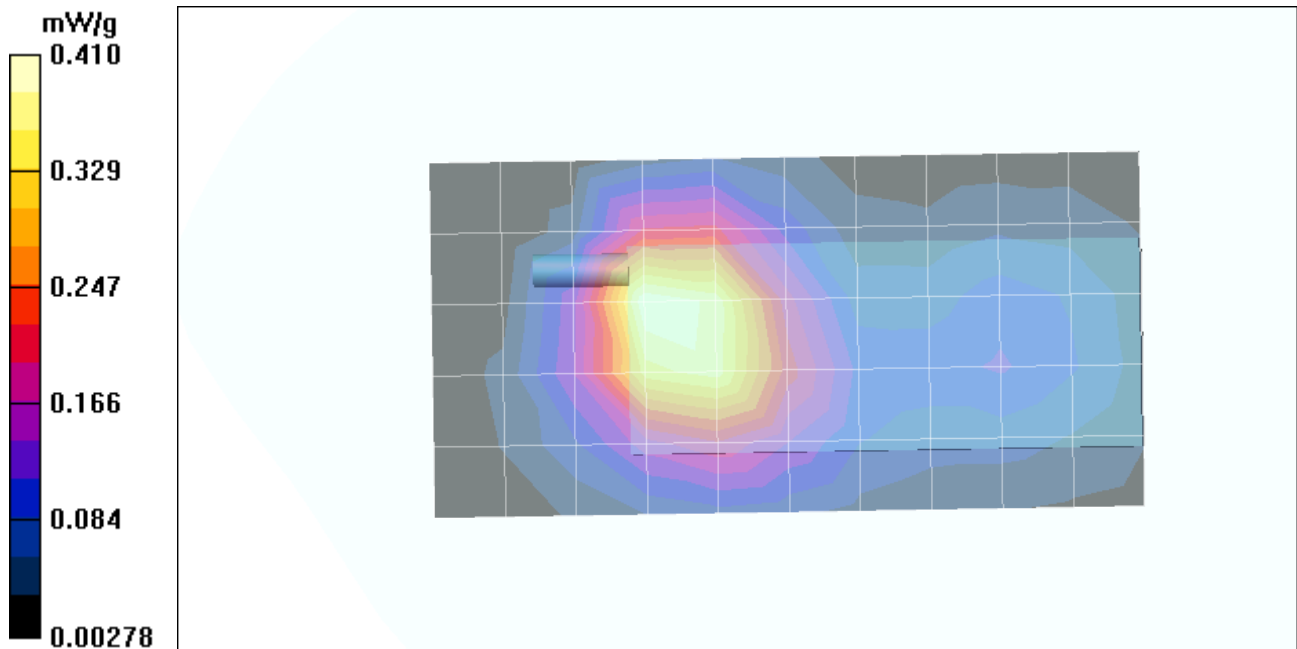
**M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.72 V/m; Power Drift = -0.01 dB

Maximum value of SAR (measured) = 0.452 mW/g

Peak SAR (extrapolated) = 0.648 W/kg

**SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.254 mW/g**



Test Laboratory: Compliance Certification Services

File Name: [5\\_Body.da4](#)

**DUT: Compal Electronics, Inc.; Type: VT-5D; Serial: N/A**

**Program Name: 5\_Body**

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

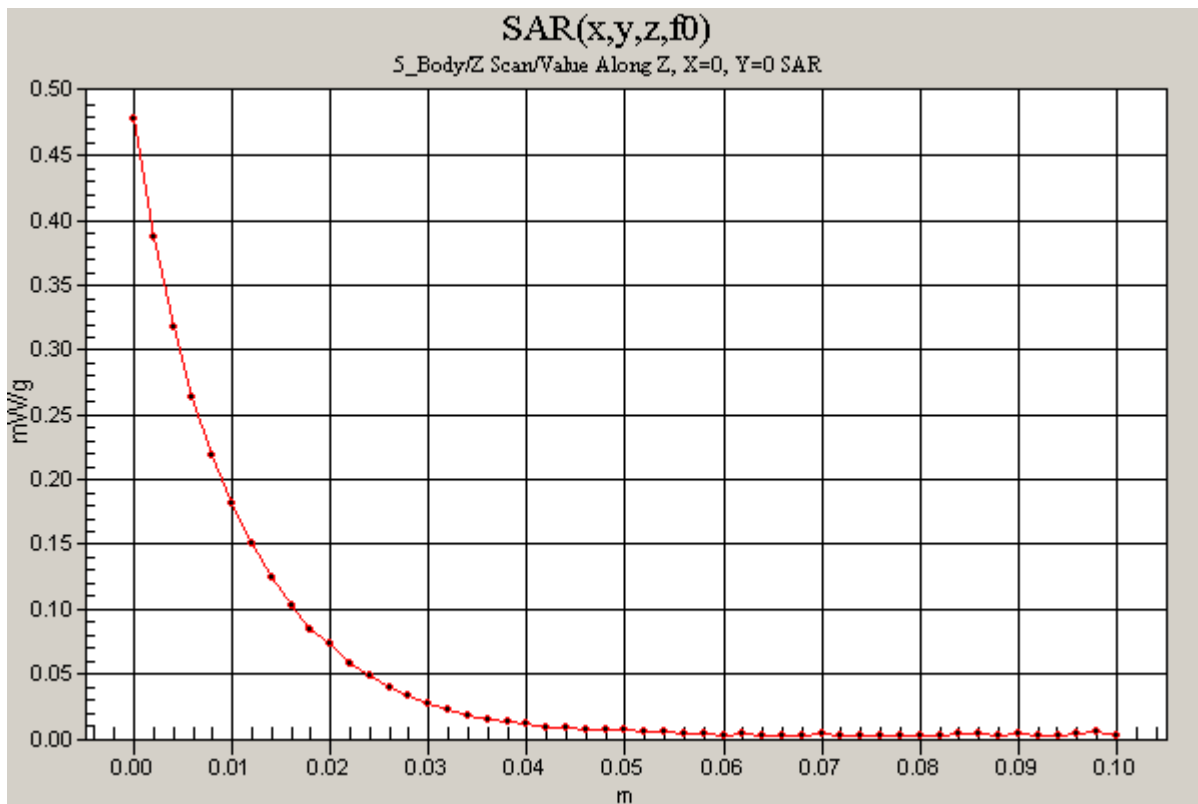
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

Reference Value = 7.72 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.479 mW/g



Test Laboratory: Compliance Certification Services

File Name: [5\\_Body.da4](#)

**DUT: Compal Electronics, Inc.; Type: VT-5D; Serial: N/A**

**Program Name: 5\_Body**

**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

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

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.5, 4.5, 4.5); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 1; Type: SAM 1; Serial: 1185

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**H-ch/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.35 V/m; Power Drift = -0.008 dB

Maximum value of SAR (measured) = 0.395 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

Reference Value = 7.35 V/m; Power Drift = -0.008 dB

Maximum value of SAR (measured) = 0.434 mW/g

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.250 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)

