

Test Laboratory: Compliance Certification Services

1_L-Touch

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Left Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

Touch position, Middle/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.5 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.813 mW/g

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

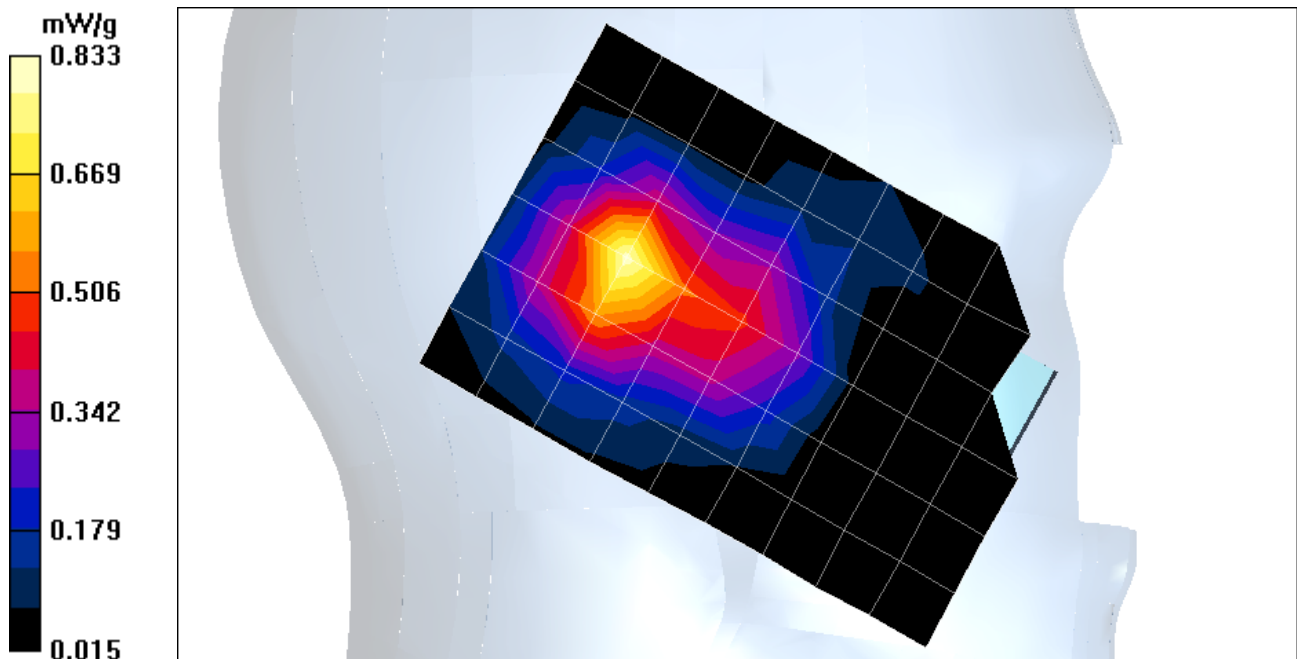
Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.427 mW/g

Reference Value = 23.5 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.833 mW/g



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1_L-Touch

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

DASY4 Configuration:

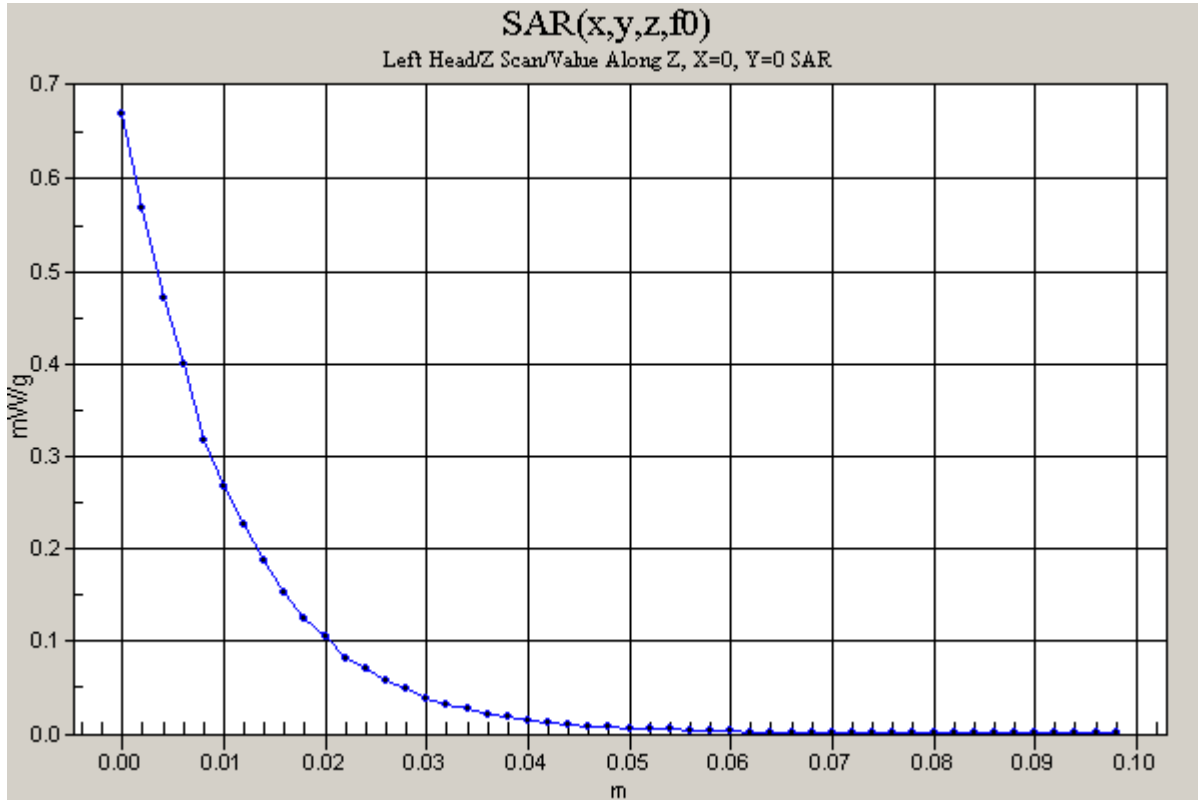
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 23.5 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.670 mW/g



Test Laboratory: Compliance Certification Services

2_L-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Left Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- 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 = 28.2 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.974 mW/g

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

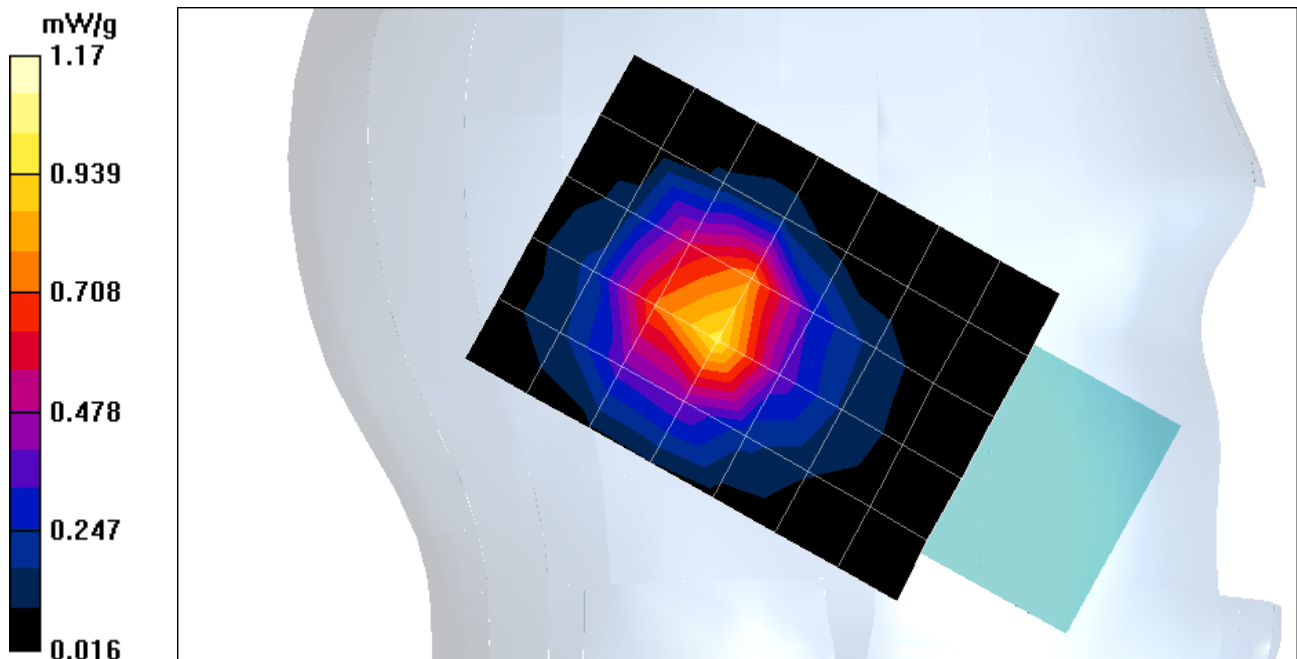
Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.567 mW/g

Reference Value = 28.2 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 1.17 mW/g



Test Laboratory: Compliance Certification Services

2_L-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Left Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

Tilt position, Middle/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 31 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.23 mW/g

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

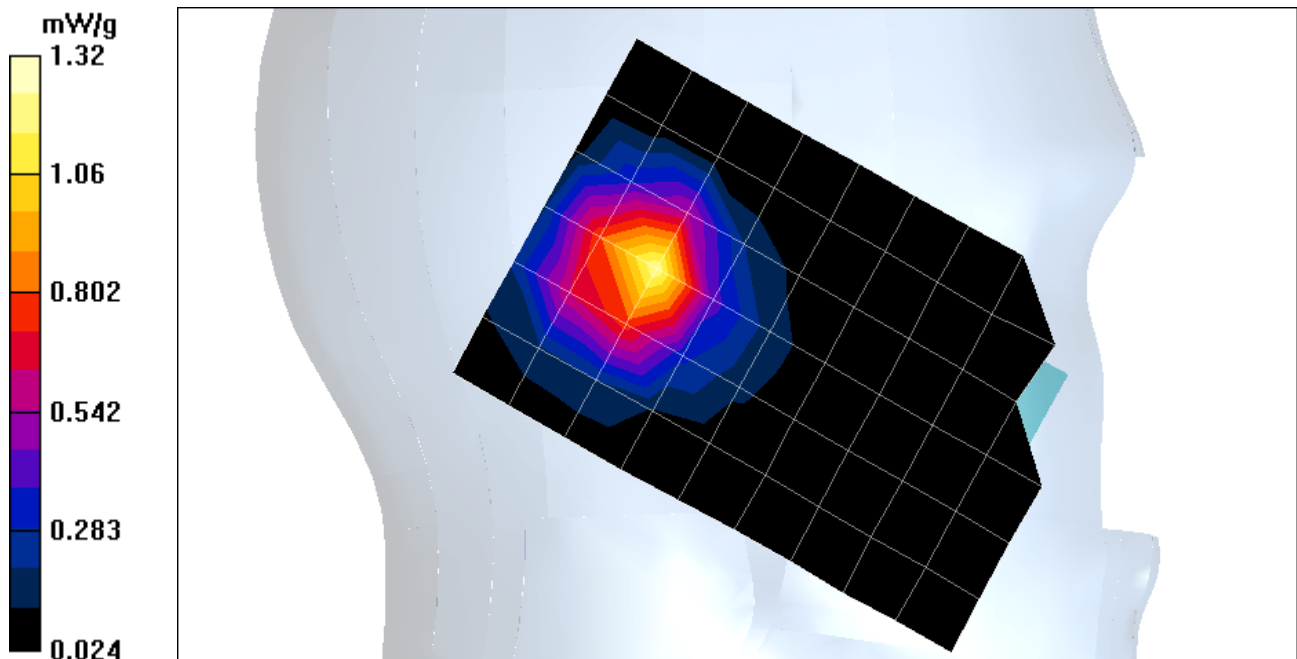
Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.645 mW/g

Reference Value = 31 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.32 mW/g



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2_L-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

DASY4 Configuration:

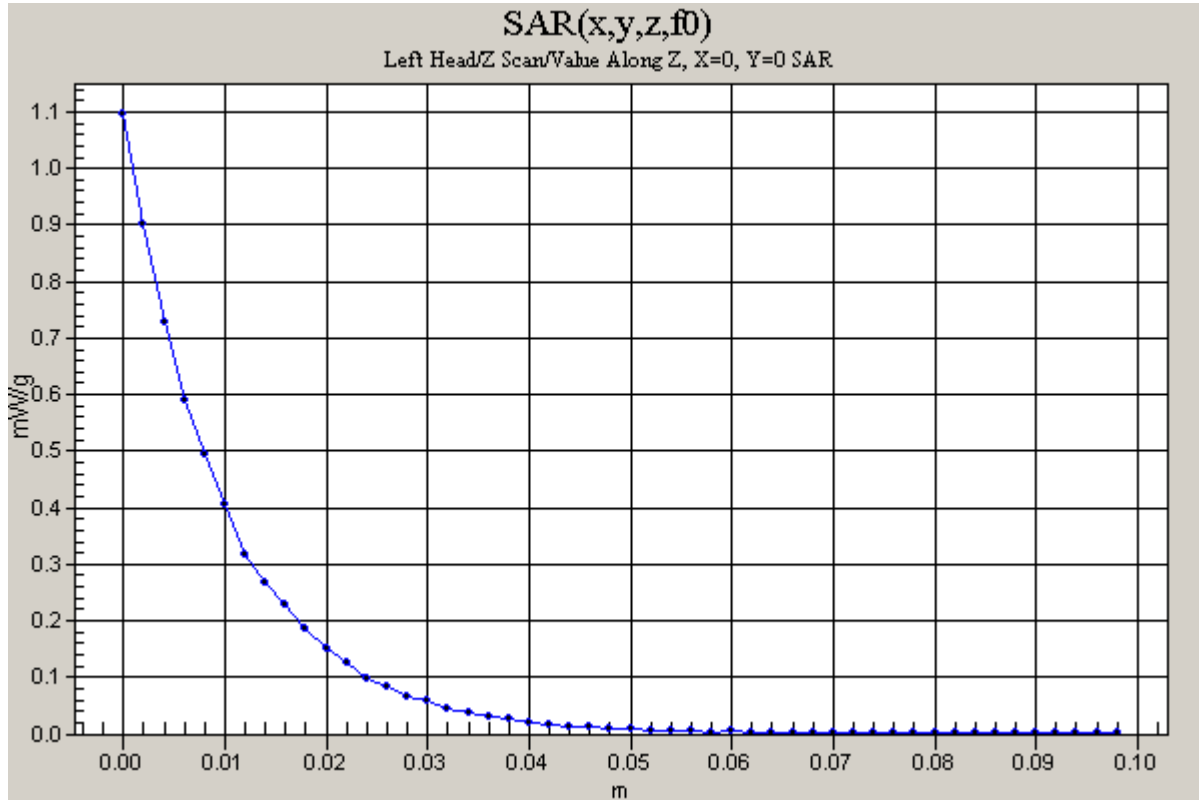
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 31 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.1 mW/g



Test Laboratory: Compliance Certification Services

2_L-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Left Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- 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 = 24.6 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.742 mW/g

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

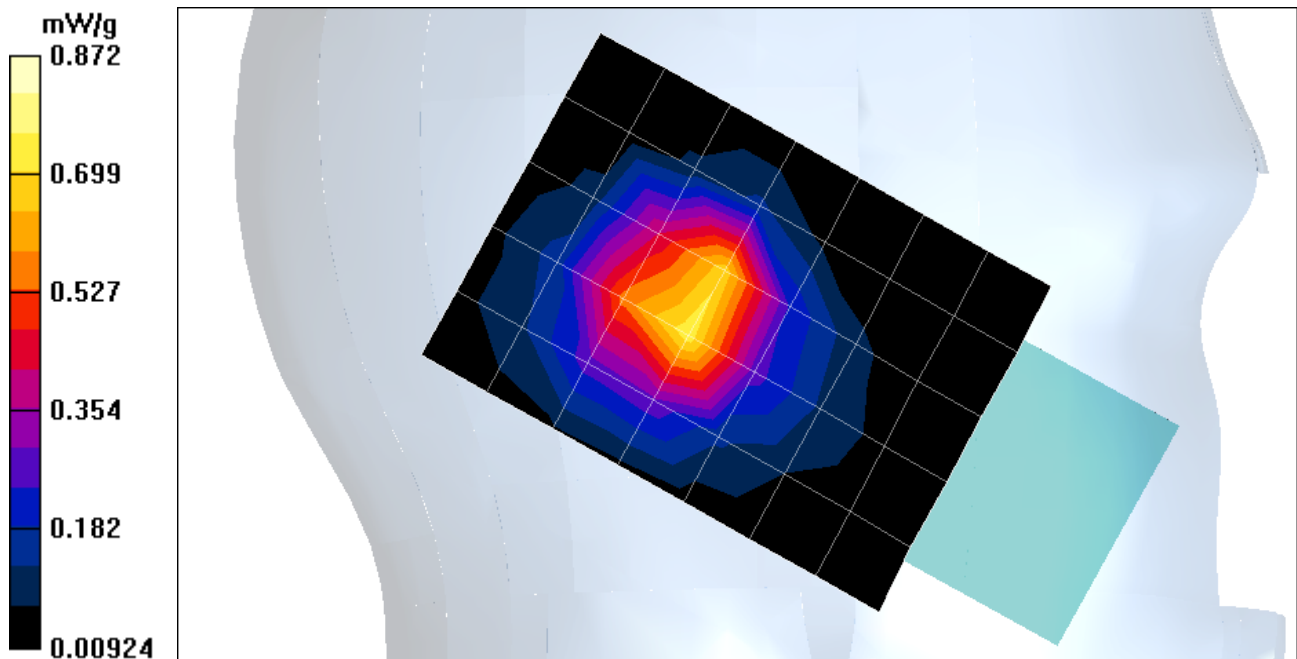
Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.429 mW/g

Reference Value = 24.6 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.872 mW/g



Test Laboratory: Compliance Certification Services

3_R-Touch

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Right Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- 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 = 22.8 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.842 mW/g

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

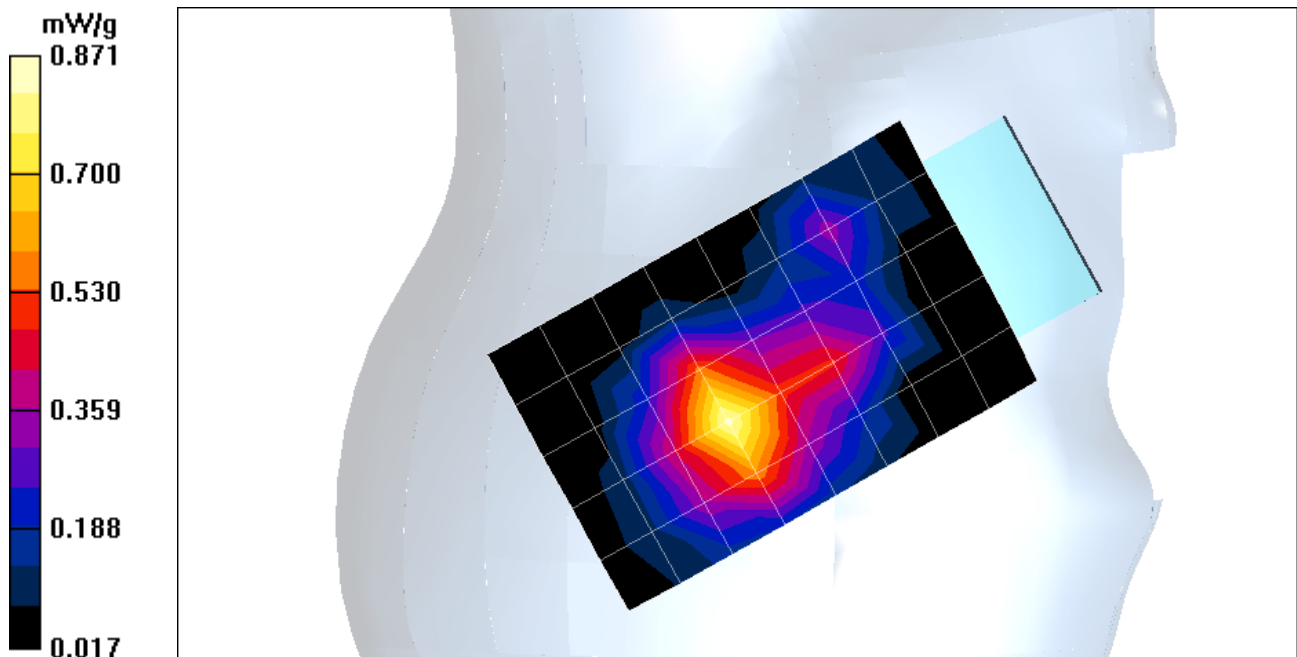
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.455 mW/g

Reference Value = 22.8 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.871 mW/g



Test Laboratory: Compliance Certification Services

3_R-Touch

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

DASY4 Configuration:

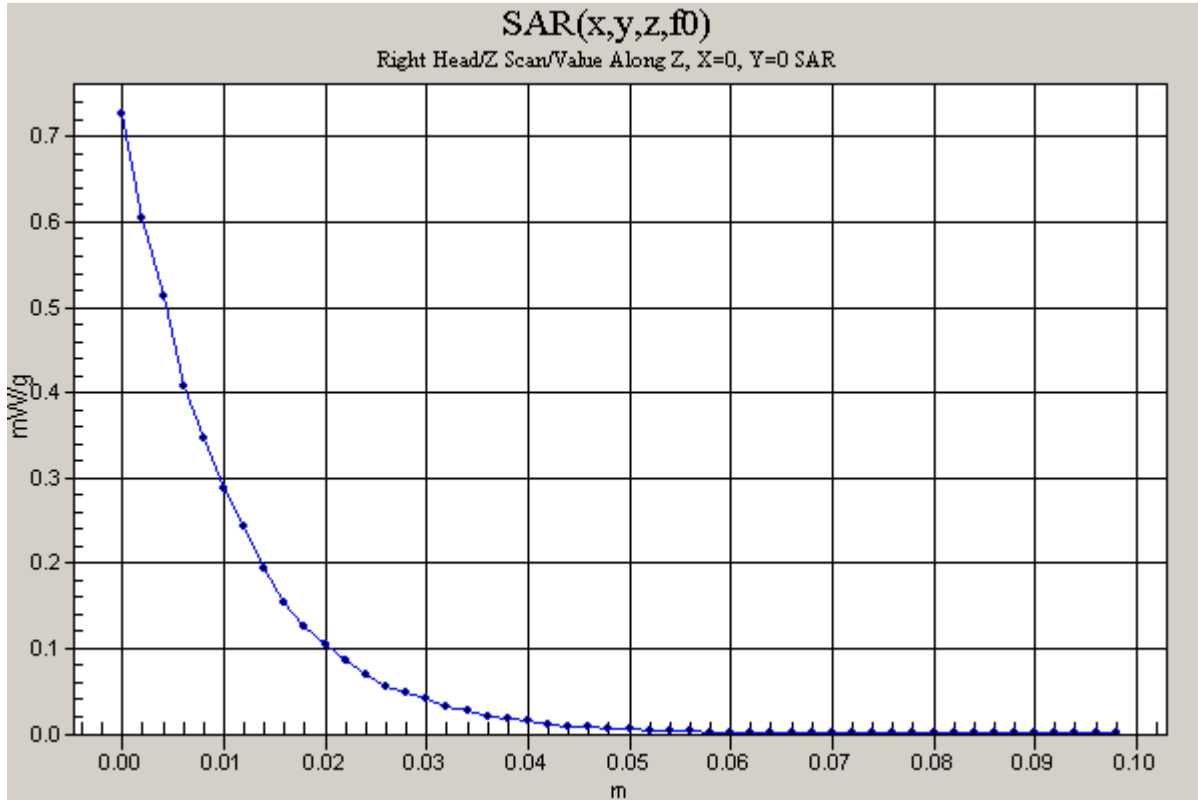
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 22.8 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.727 mW/g



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4_R-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Right Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 28.9 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 1.09 mW/g

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

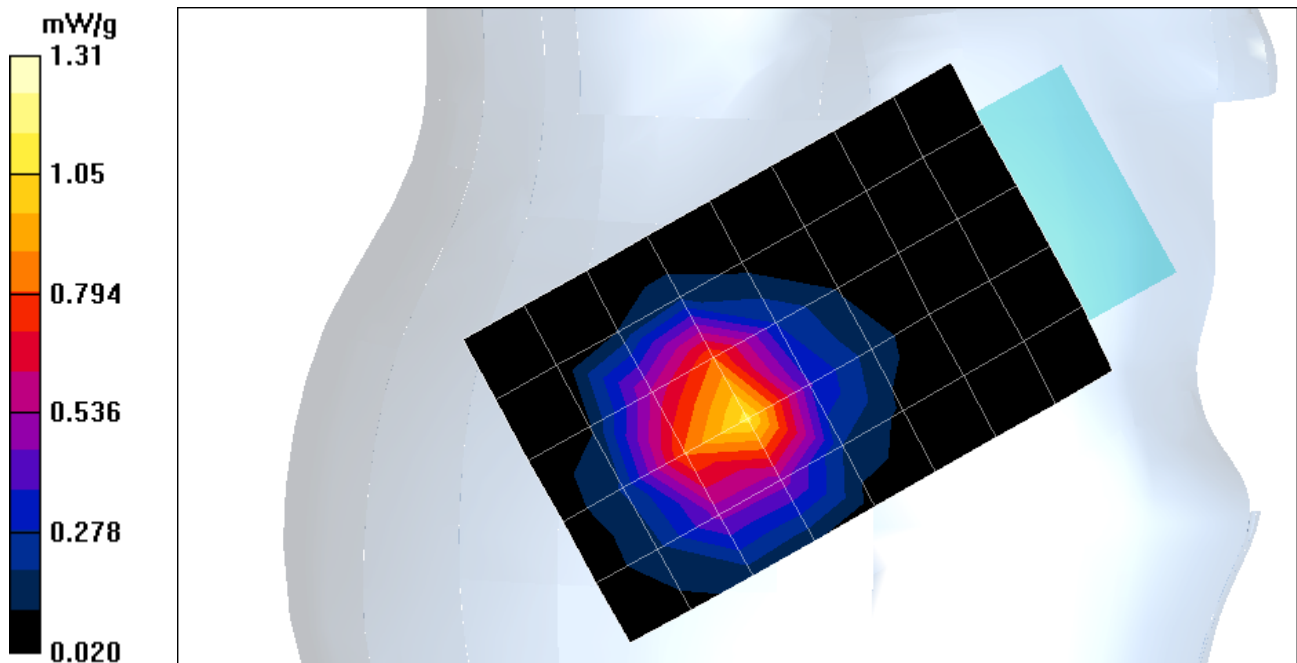
Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.617 mW/g

Reference Value = 28.9 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 1.31 mW/g



Test Laboratory: Compliance Certification Services

4_R-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Right Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- 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 = 31.8 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.25 mW/g

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

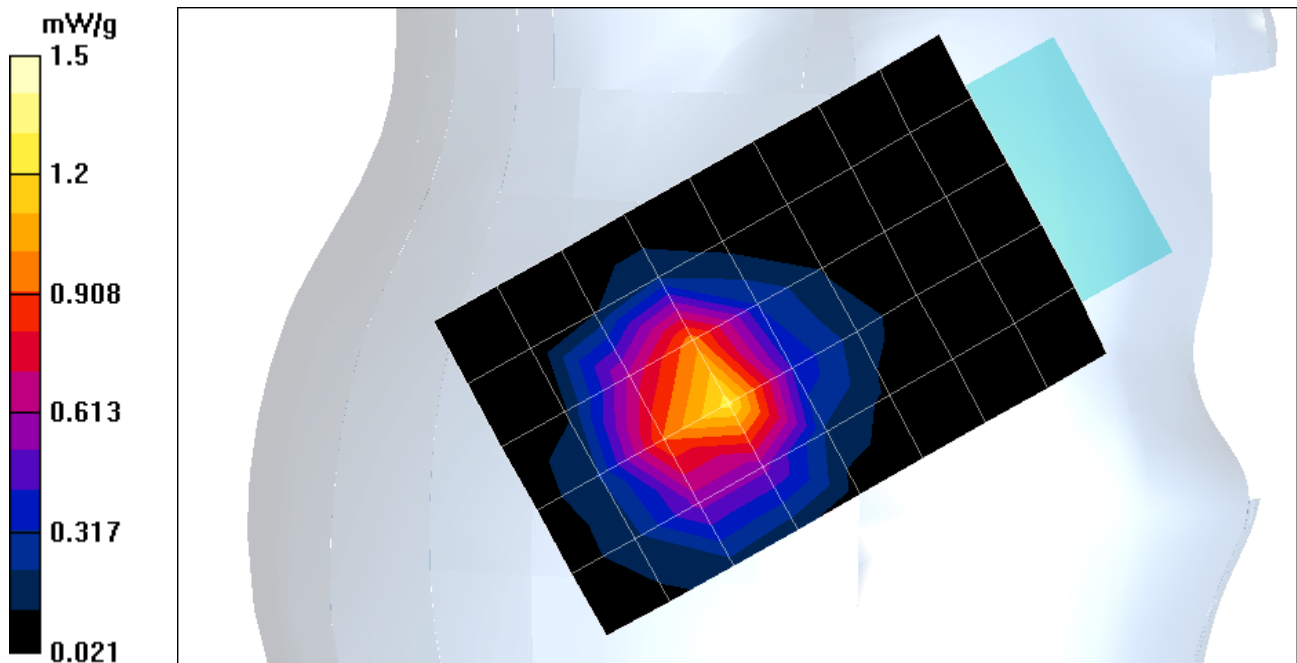
Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.724 mW/g

Reference Value = 31.8 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 1.5 mW/g



Test Laboratory: Compliance Certification Services

4_R-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

DASY4 Configuration:

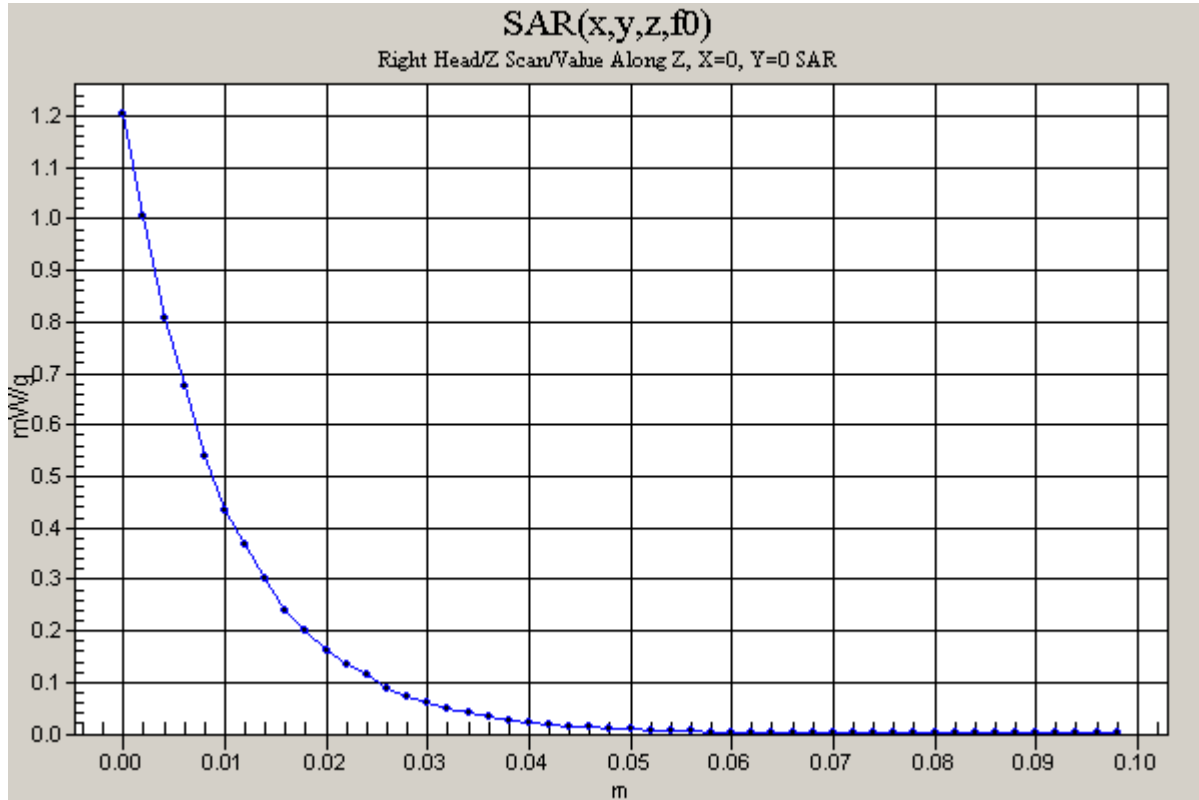
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 31.8 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.2 mW/g



Test Laboratory: Compliance Certification Services

4_R-Tilt

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Right Head

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Head 1900MHz ($\sigma = 1.4568$ mho/m, $\epsilon_r = 40.0674$, $\rho = 1000$ kg/m³)

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 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 25.7 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.771 mW/g

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

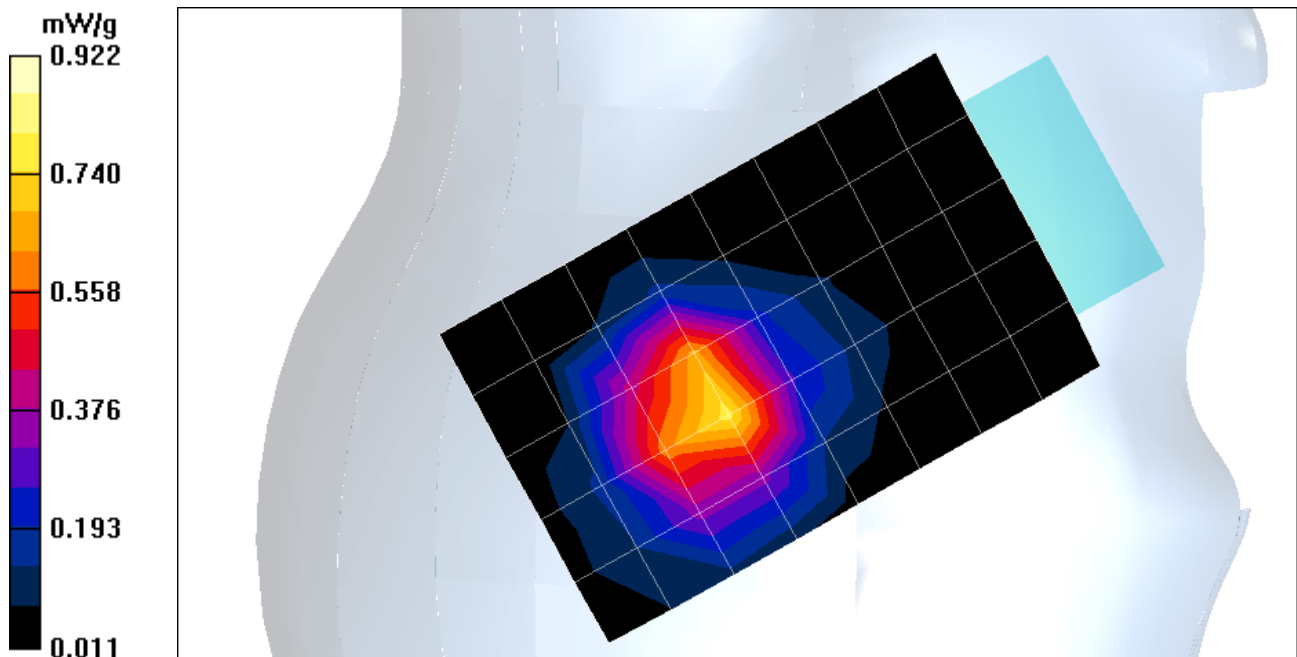
Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.455 mW/g

Reference Value = 25.7 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.922 mW/g



Test Laboratory: Compliance Certification Services

5_Body

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Body

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Muscle 1900 MHz ($\sigma = 1.594$ mho/m, $\epsilon_r = 52.83$, $\rho = 1000$ kg/m³)

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 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 14.4 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.412 mW/g

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

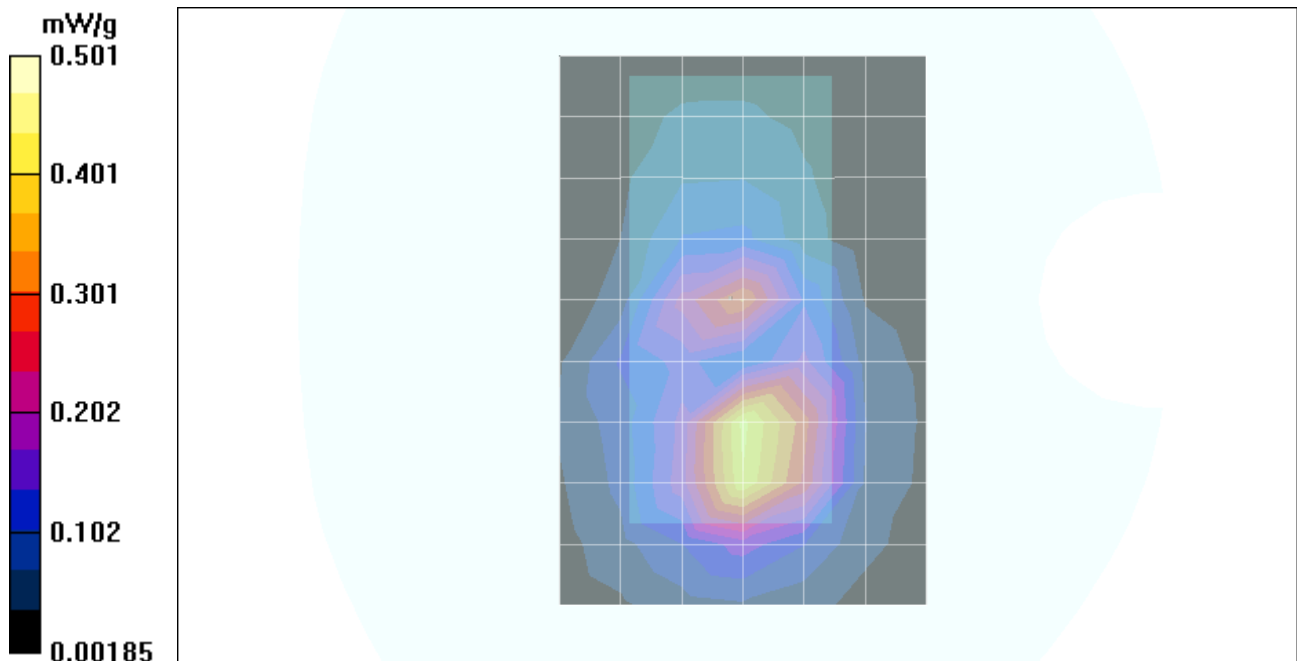
Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.250 mW/g

Reference Value = 14.4 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.501 mW/g



Test Laboratory: Compliance Certification Services

5_Body

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Body

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Muscle 1900 MHz ($\sigma = 1.594$ mho/m, $\epsilon_r = 52.83$, $\rho = 1000$ kg/m³)

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 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.7 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.575 mW/g

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

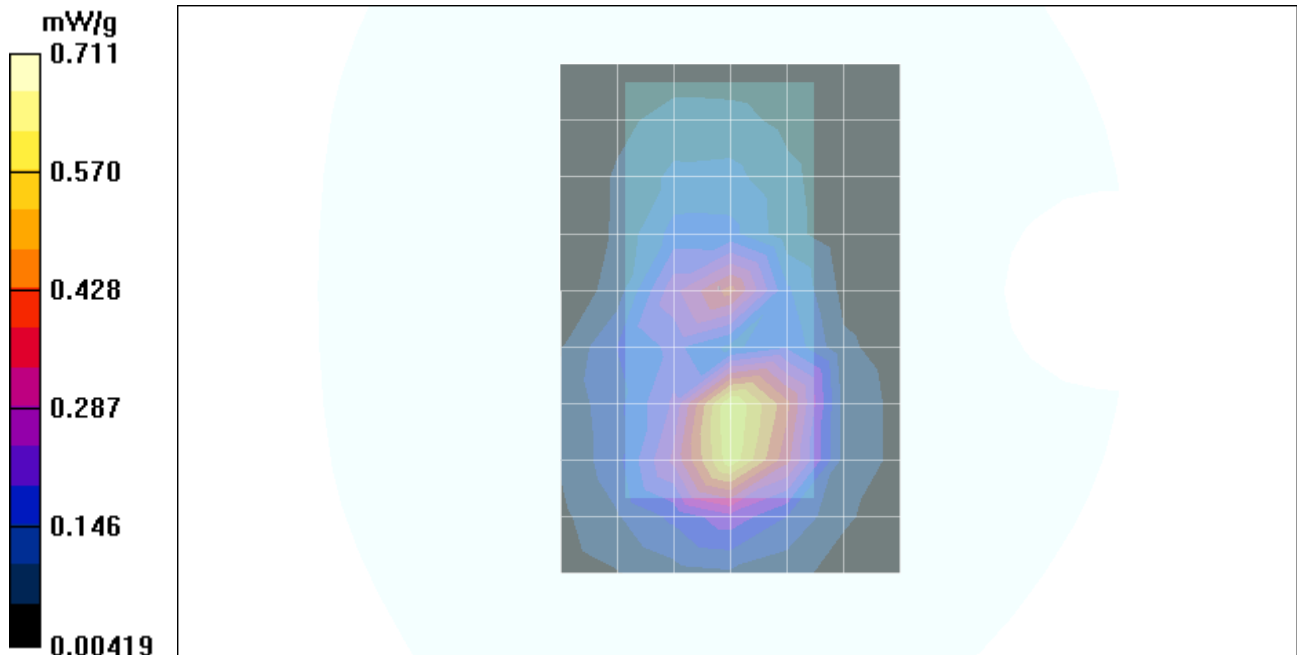
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.354 mW/g

Reference Value = 15.7 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.711 mW/g



Test Laboratory: Compliance Certification Services

5_Body

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

DASY4 Configuration:

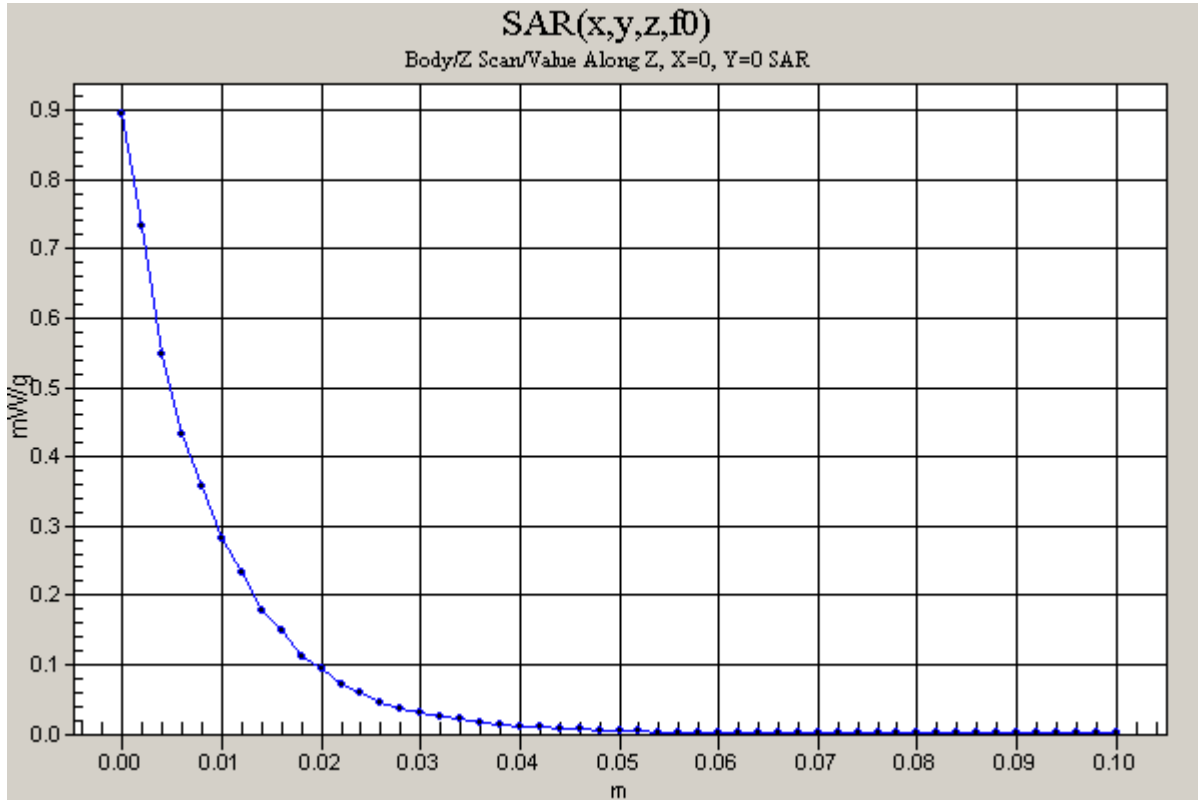
- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 15.7 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.895 mW/g



Test Laboratory: Compliance Certification Services

5_Body

DUT: High Tech Computer, Corp; Type: ST10B; Serial: N/A

Program Name: Body

Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

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

Medium: Muscle 1900 MHz ($\sigma = 1.594$ mho/m, $\epsilon_r = 52.83$, $\rho = 1000$ kg/m³)

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 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.71 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.374 mW/g

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

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.228 mW/g

Reference Value = 9.71 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.454 mW/g

