

Test Laboratory: Compliance Certification Services

Body_C1

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C1

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, Low/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

d=1.5 cm Body, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.073 mW/g

Reference Value = 5.28 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.127 mW/g

d=1.5 cm Body, Low/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

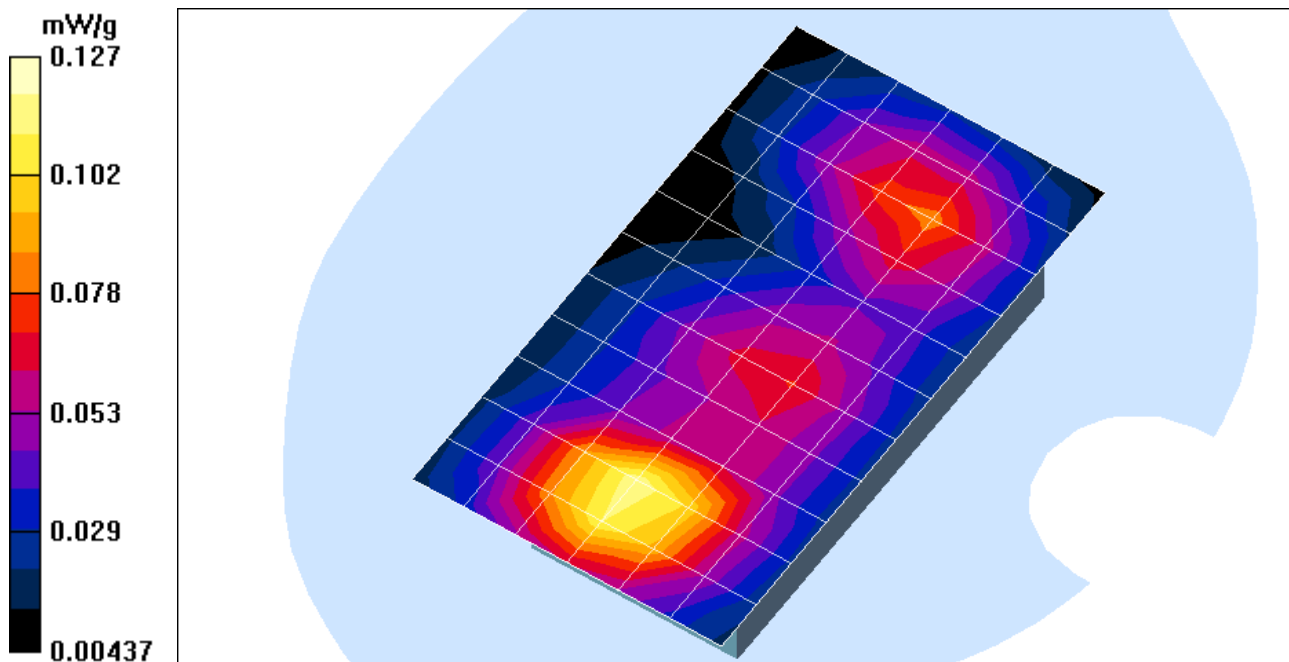
Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.050 mW/g

Reference Value = 5.28 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.085 mW/g



Test Laboratory: Compliance Certification Services

Body_C1

DUT: Trimble; Type: 51200-10; Serial: N/A

DASY4 Configuration:

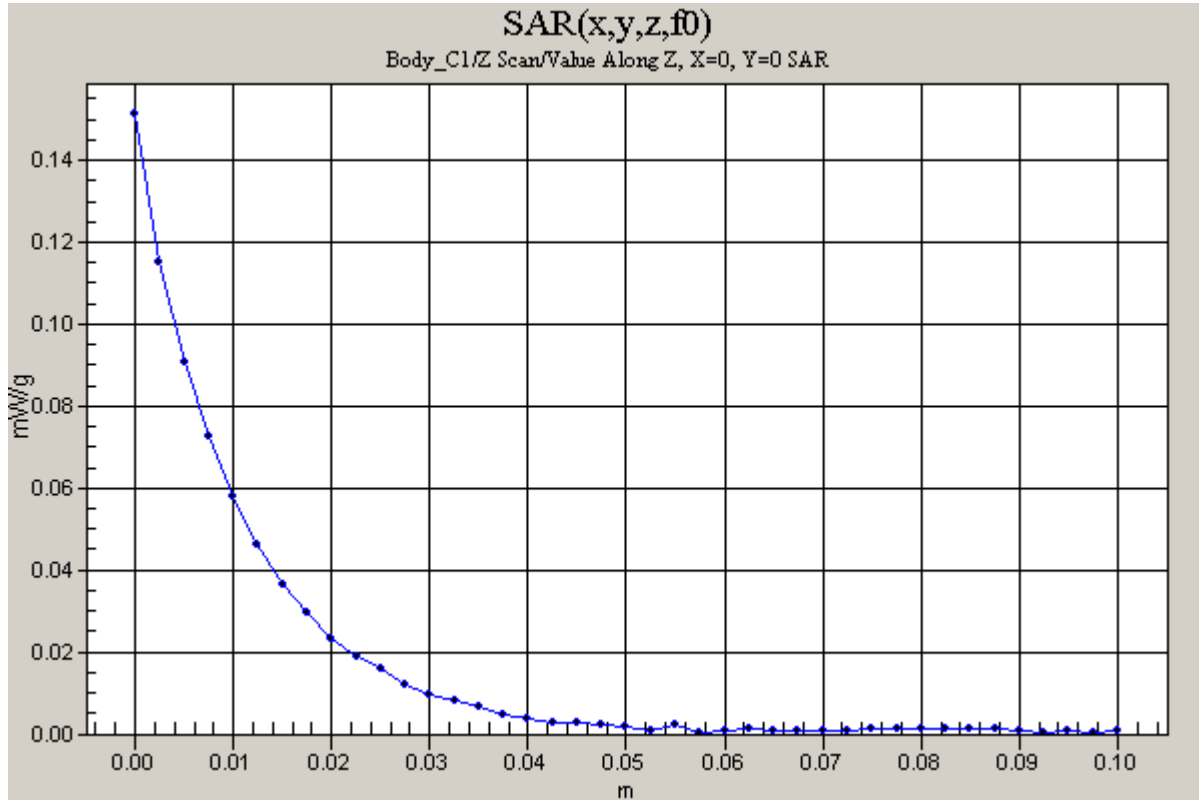
- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

d=1.5 cm Body, Low/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 5.28 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.151 mW/g



Test Laboratory: Compliance Certification Services

Body_C2

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C2

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, Low/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.08 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.428 mW/g

d=1.5 cm Body, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

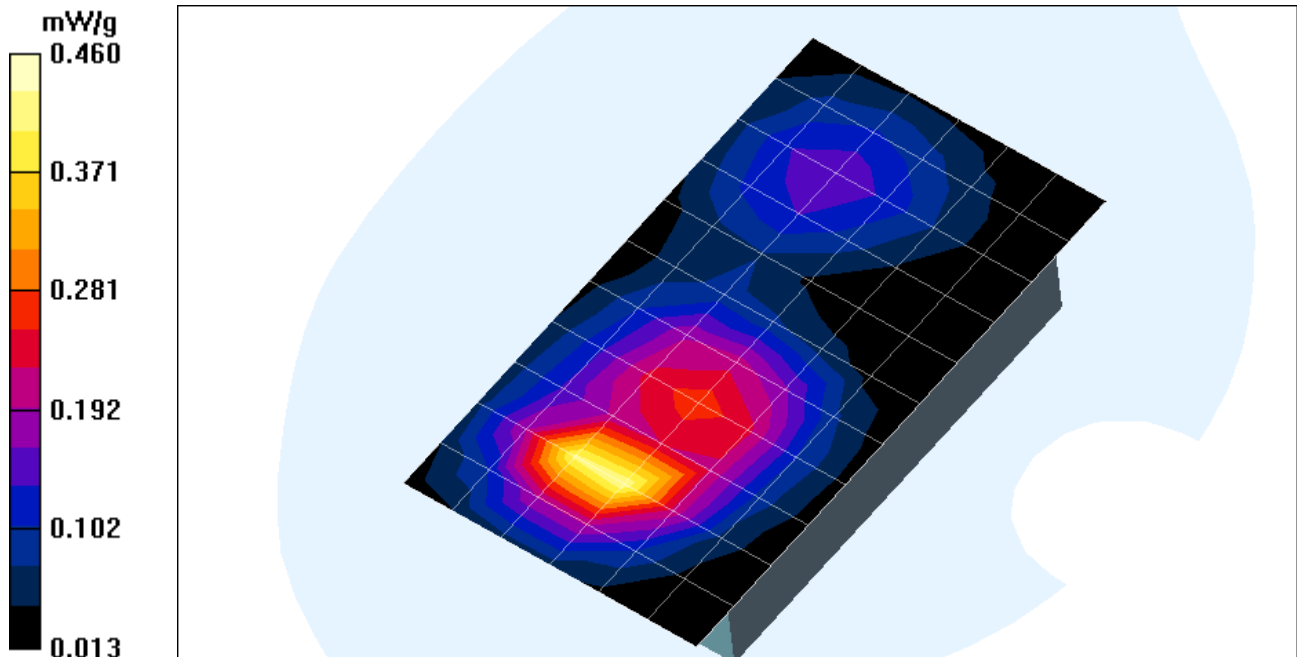
Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.239 mW/g

Reference Value = 6.08 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.460 mW/g



Test Laboratory: Compliance Certification Services

Body_C2

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C2

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, Middle/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.62 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.449 mW/g

d=1.5 cm Body, Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

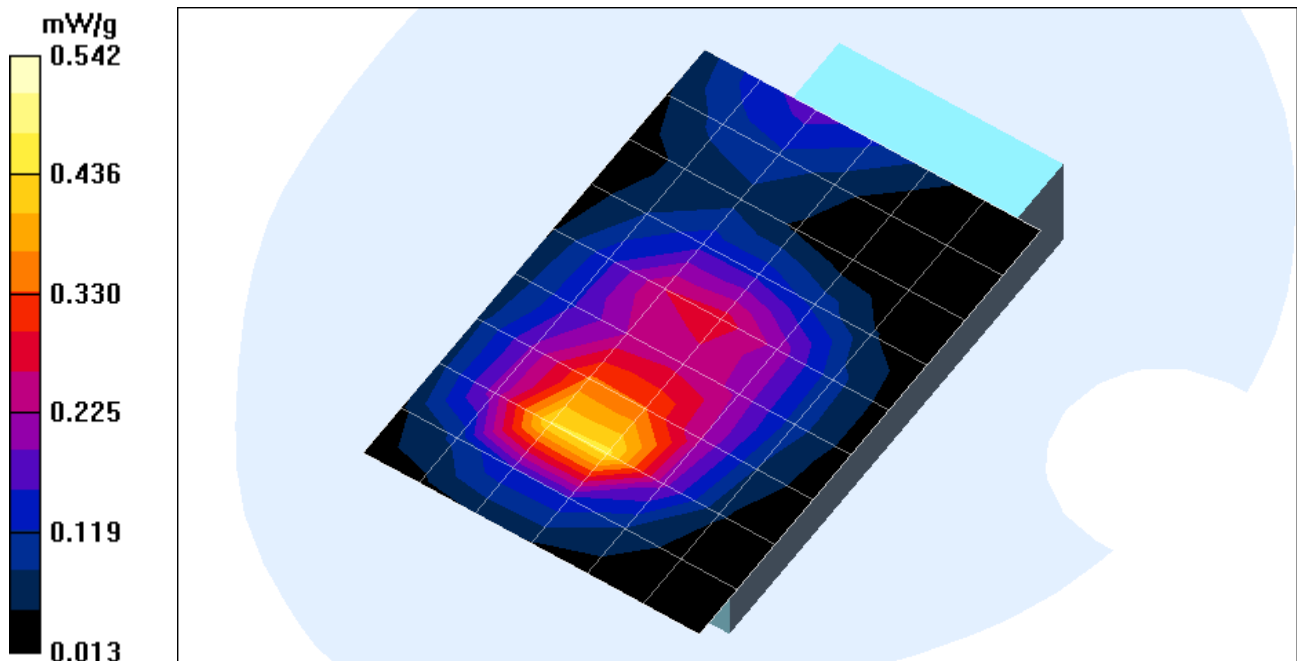
Peak SAR (extrapolated) = 0.781 W/kg

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.282 mW/g

Reference Value = 6.62 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.542 mW/g



Test Laboratory: Compliance Certification Services

Body_C2

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C2

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, High/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.52 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.465 mW/g

d=1.5 cm Body, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

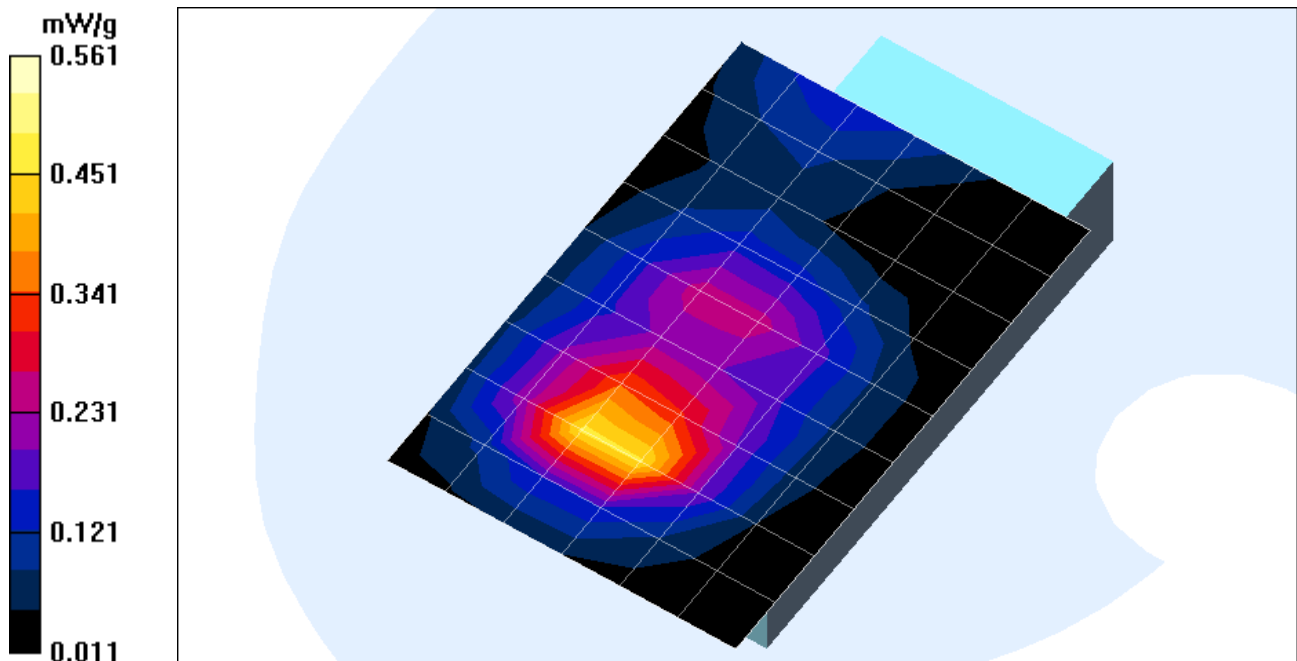
Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.287 mW/g

Reference Value = 6.52 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.561 mW/g



Test Laboratory: Compliance Certification Services

Body_C2

DUT: Trimble; Type: 51200-10; Serial: N/A

DASY4 Configuration:

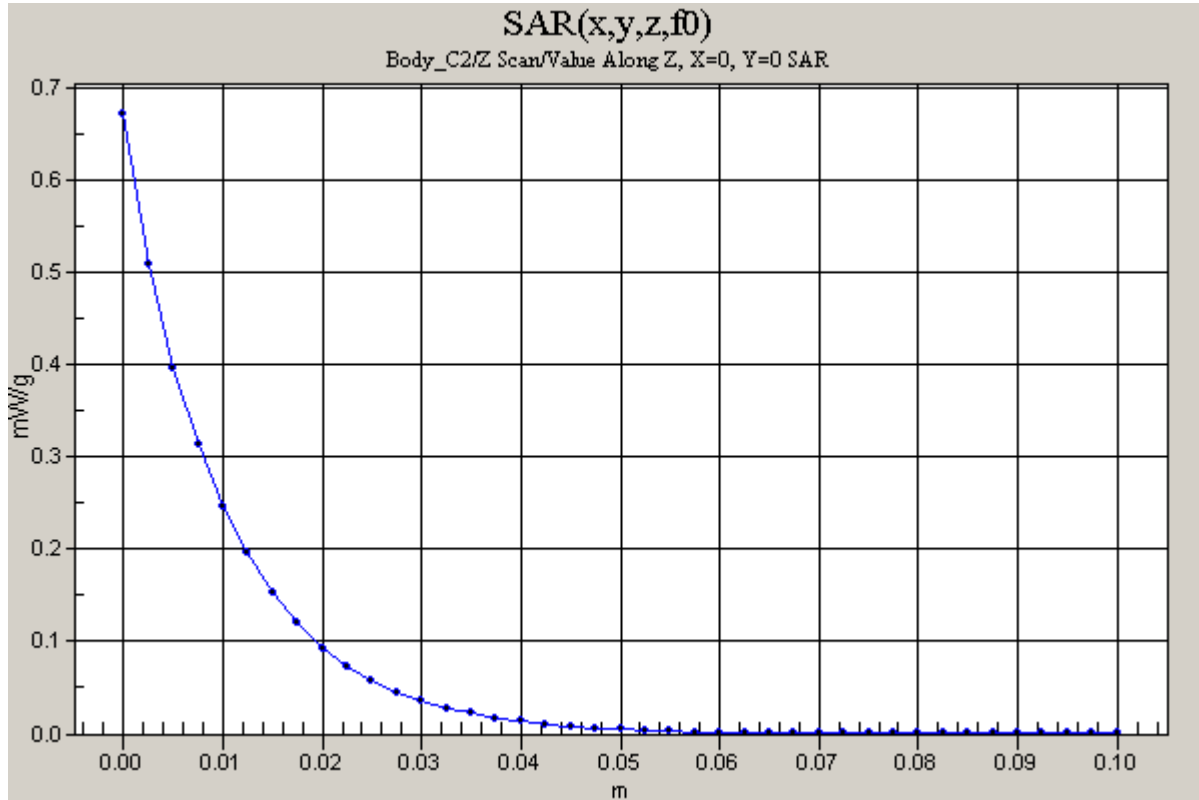
- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

d=1.5 cm Body, High/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 6.52 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.672 mW/g



Test Laboratory: Compliance Certification Services

Body_C3

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C3

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, Low/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 14.6 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.439 mW/g

d=1.5 cm Body, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

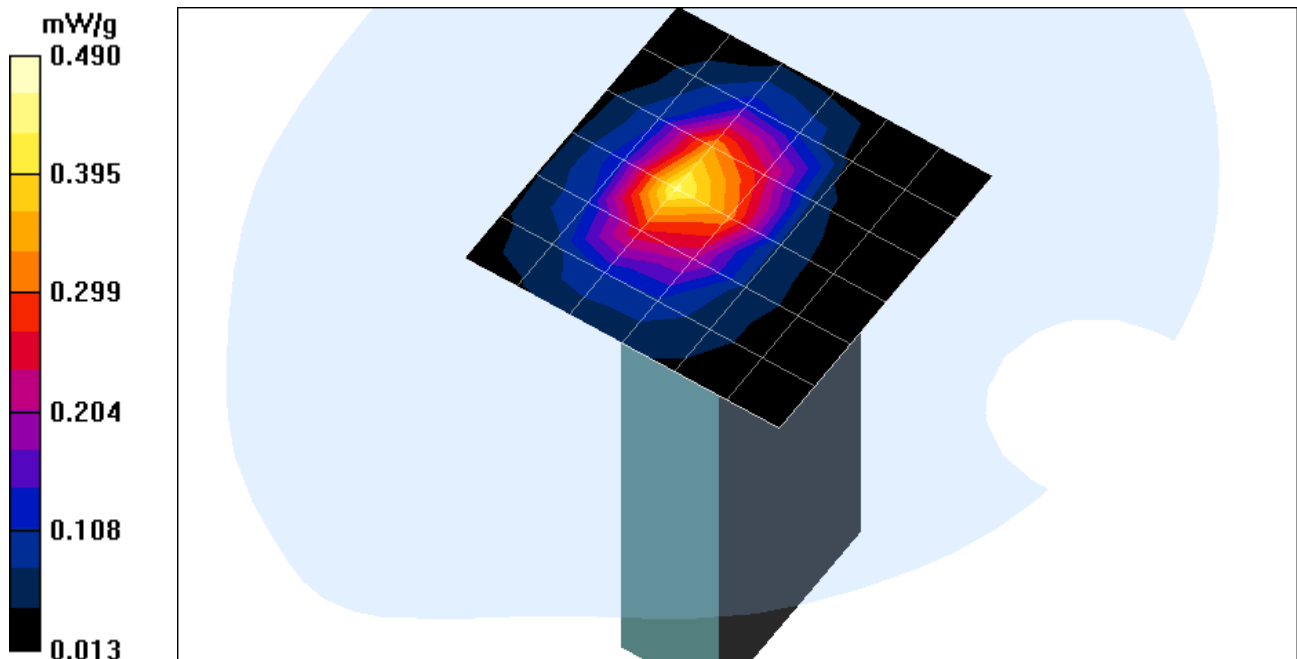
Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.254 mW/g

Reference Value = 14.6 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.490 mW/g



Test Laboratory: Compliance Certification Services

Body_C3

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C3

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, Middle/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 17 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.607 mW/g

d=1.5 cm Body, Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

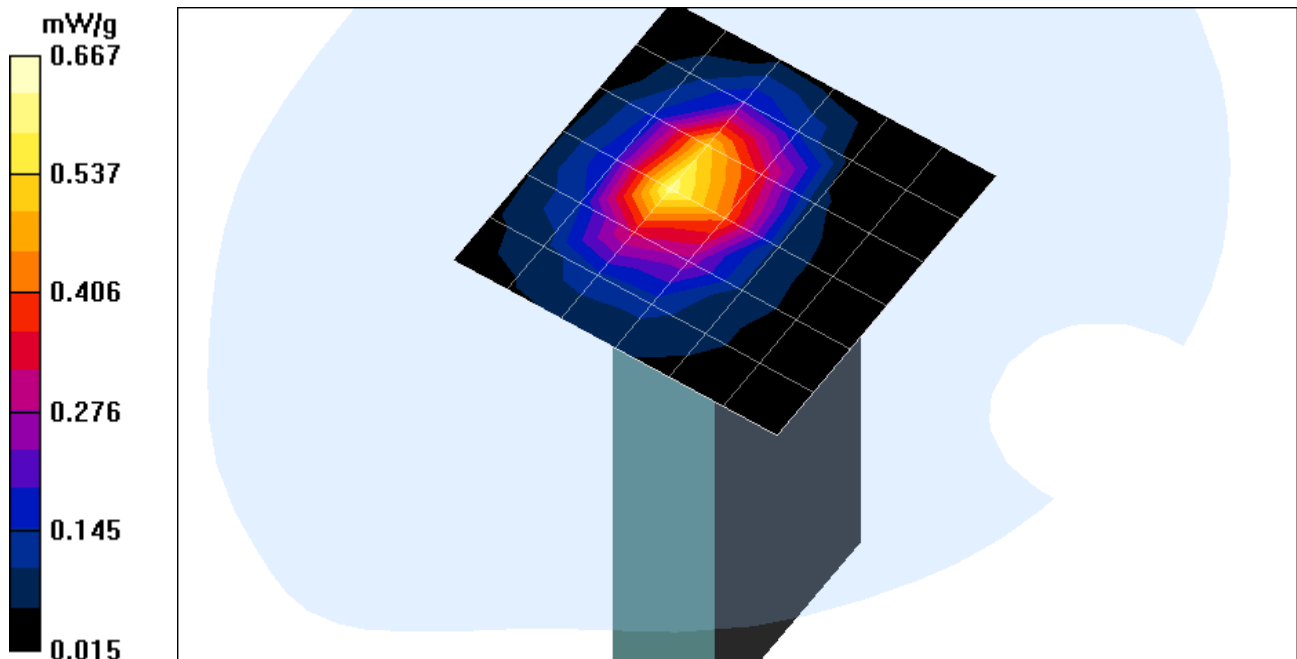
Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.345 mW/g

Reference Value = 17 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.667 mW/g



Test Laboratory: Compliance Certification Services

Body_C3

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C3

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, High/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 18.3 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.662 mW/g

d=1.5 cm Body, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

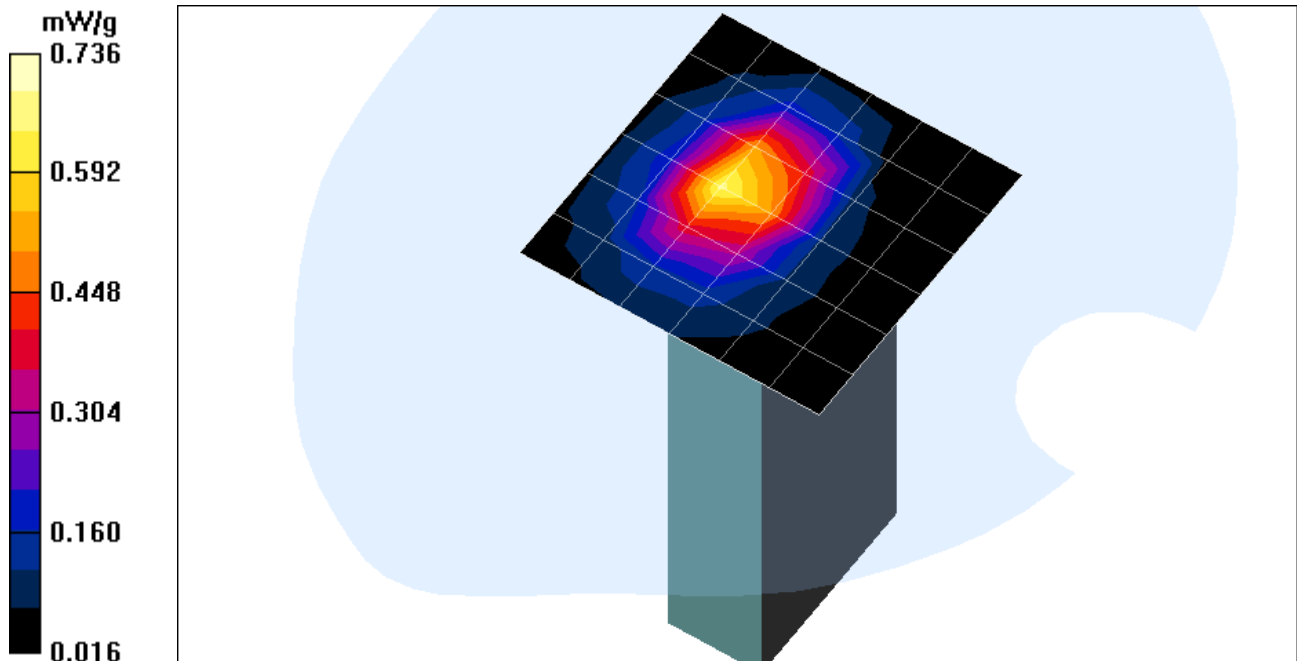
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.380 mW/g

Reference Value = 18.3 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.736 mW/g



Test Laboratory: Compliance Certification Services

Body_C3

DUT: Trimble; Type: 51200-10; Serial: N/A

DASY4 Configuration:

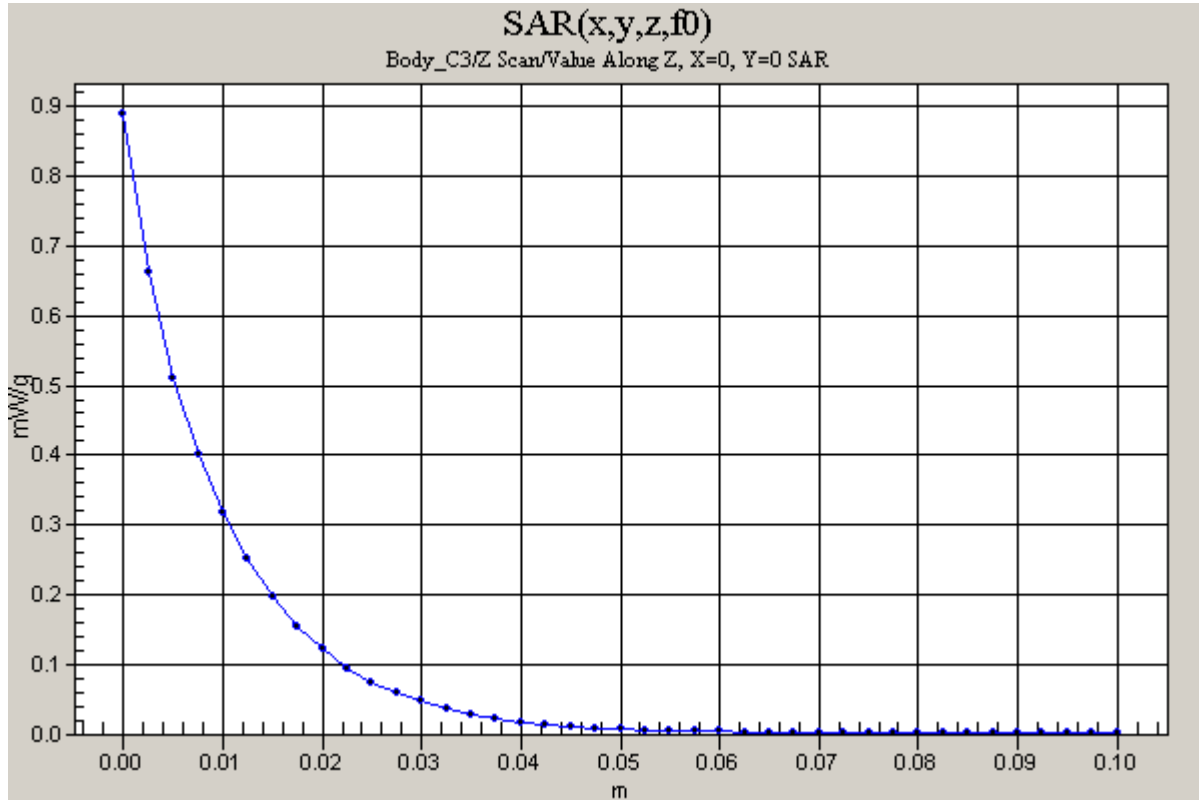
- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

d=1.5 cm Body, High/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 18.3 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.890 mW/g



Test Laboratory: Compliance Certification Services

Body_C4

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C4

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, Low/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.18 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.037 mW/g

d=1.5 cm Body, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

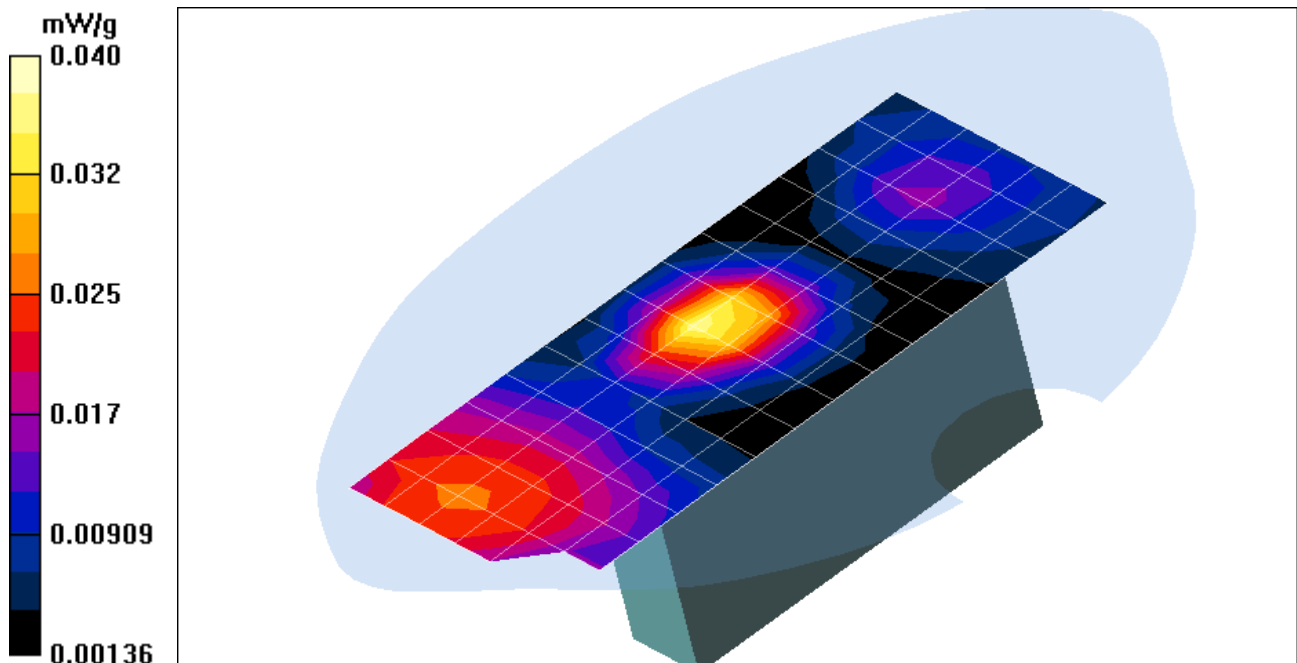
Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.023 mW/g

Reference Value = 4.18 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.040 mW/g



Test Laboratory: Compliance Certification Services

Body_C4

DUT: Trimble; Type: 51200-10; Serial: N/A

DASY4 Configuration:

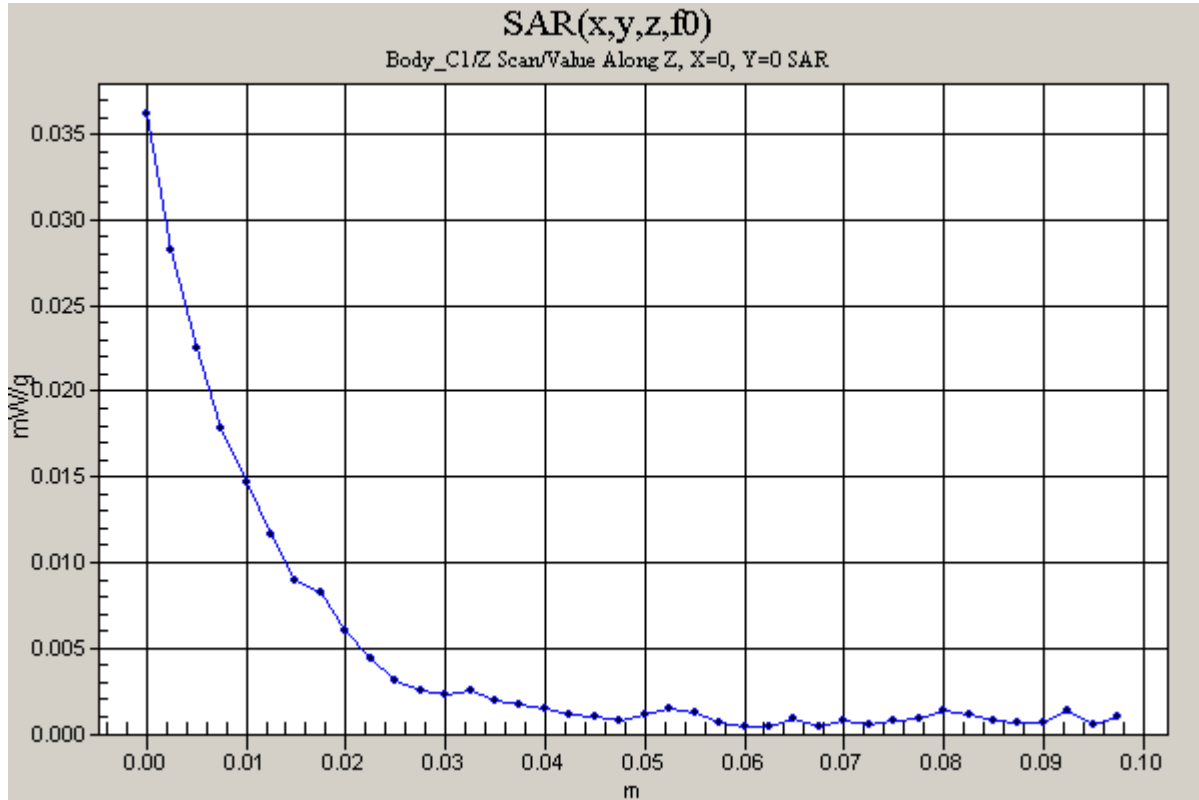
- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

d=1.5 cm Body, Low/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 4.18 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.036 mW/g



Test Laboratory: Compliance Certification Services

Body_C5

DUT: Trimble; Type: 51200-10; Serial: N/A

Program Name: Body_C5

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5929$ mho/m, $\epsilon_r = 52.7006$, $\rho = 1000$ 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

d=1.5 cm Body, Low/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

d=1.5 cm Body, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.113 mW/g

Reference Value = 8.54 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.197 mW/g

d=1.5 cm Body, Low/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

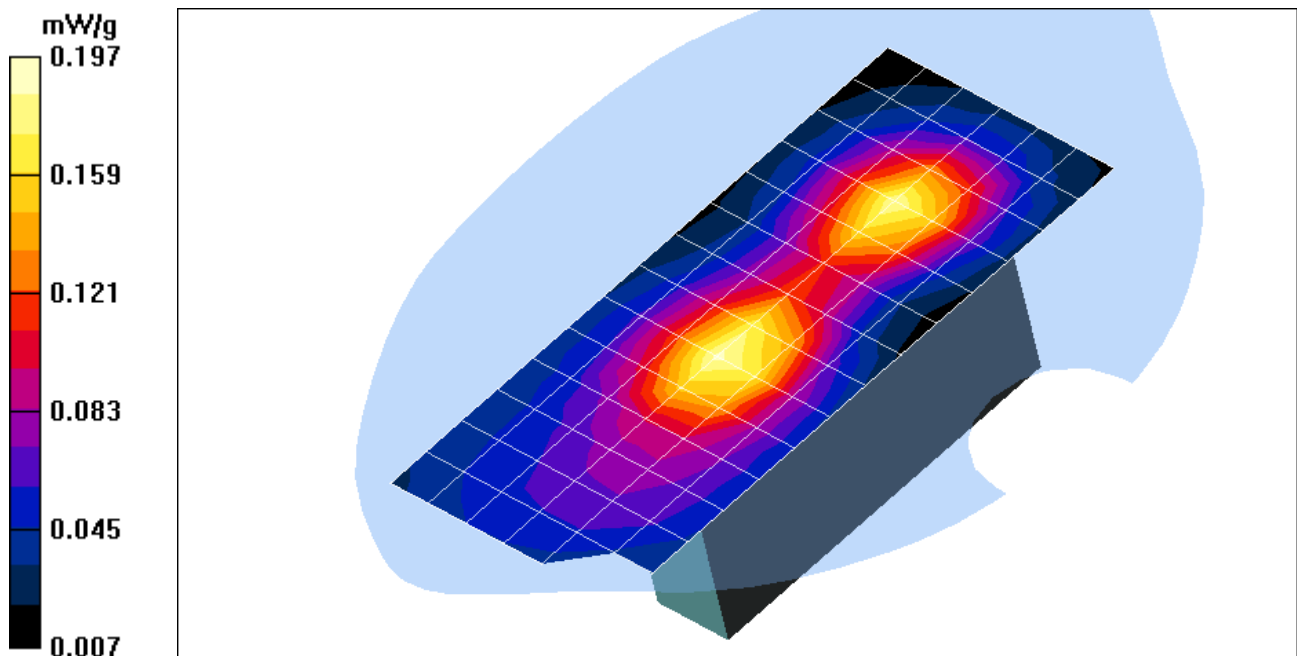
Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.109 mW/g

Reference Value = 8.54 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.189 mW/g



Test Laboratory: Compliance Certification Services

Body_C5

DUT: Trimble; Type: 51200-10; 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

d=1.5 cm Body, Low/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 8.54 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.179 mW/g

