

Test Laboratory: Compliance Certification Services

Left Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 0.870 mW/g

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

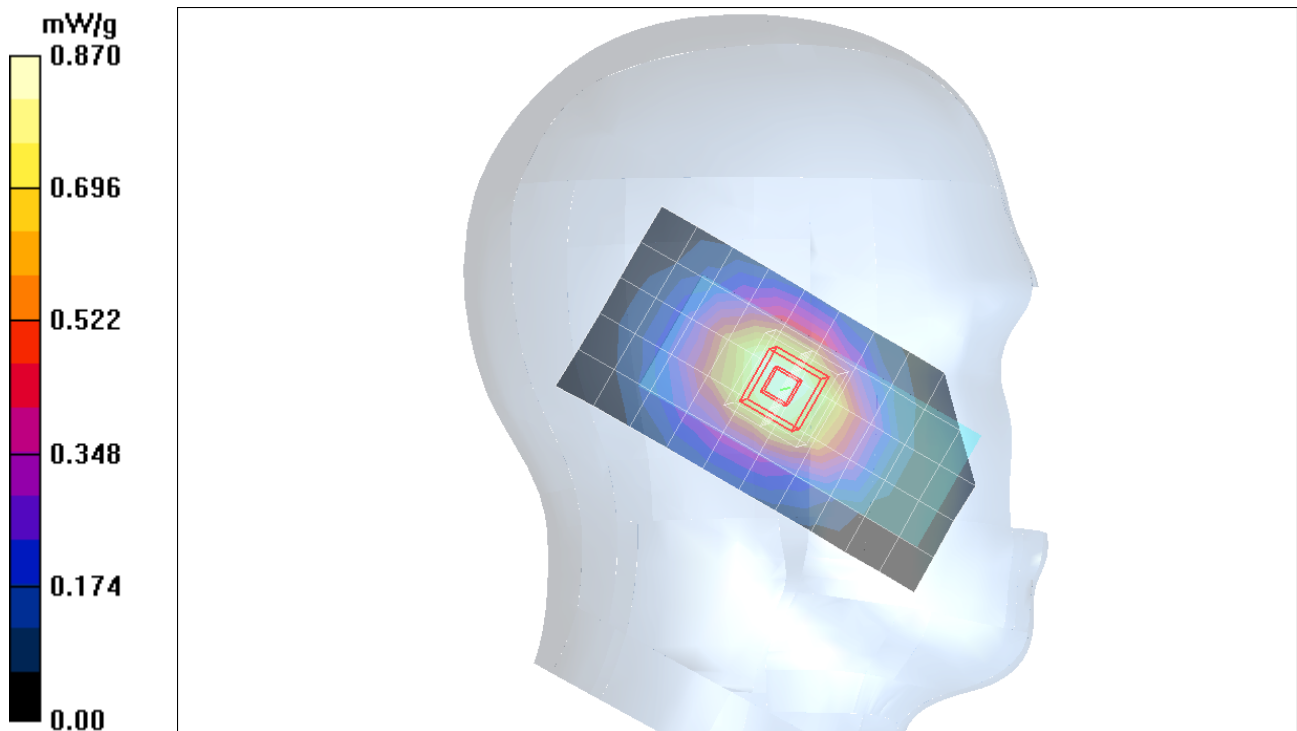
Reference Value = 24.8 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.569 mW/g

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

Maximum value of SAR (measured) = 0.915 mW/g



Test Laboratory: Compliance Certification Services

Left Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 0.965 mW/g

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

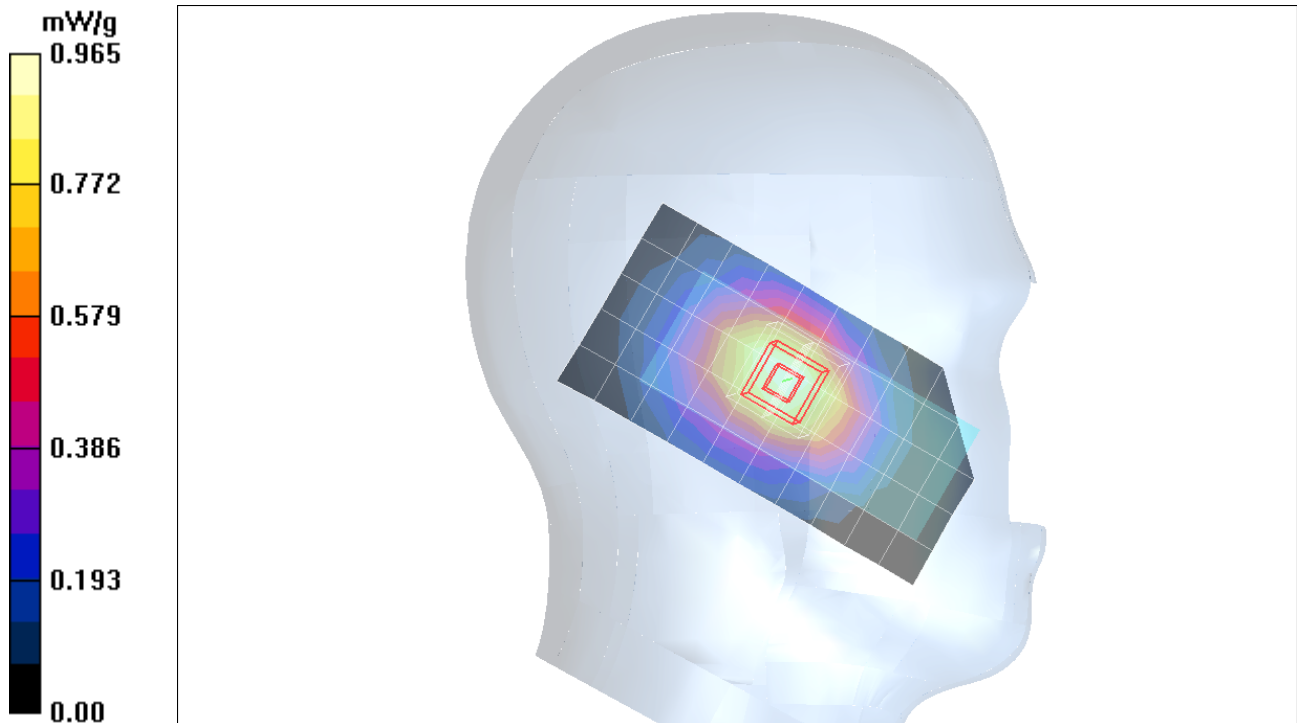
Reference Value = 26.1 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.628 mW/g

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

Maximum value of SAR (measured) = 1.02 mW/g



Test Laboratory: Compliance Certification Services

Left Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 0.984 mW/g

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

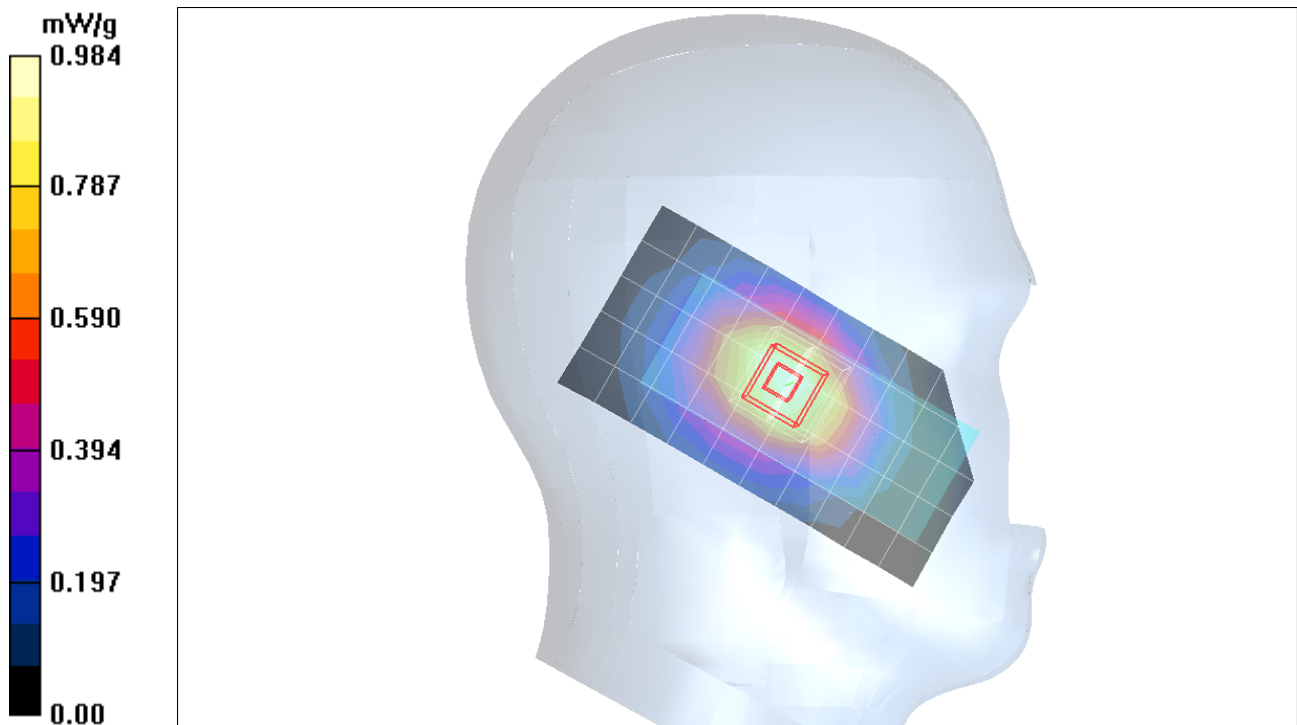
Reference Value = 25.6 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.643 mW/g

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

Maximum value of SAR (measured) = 1.03 mW/g



Test Laboratory: Compliance Certification Services

Left Hand Side

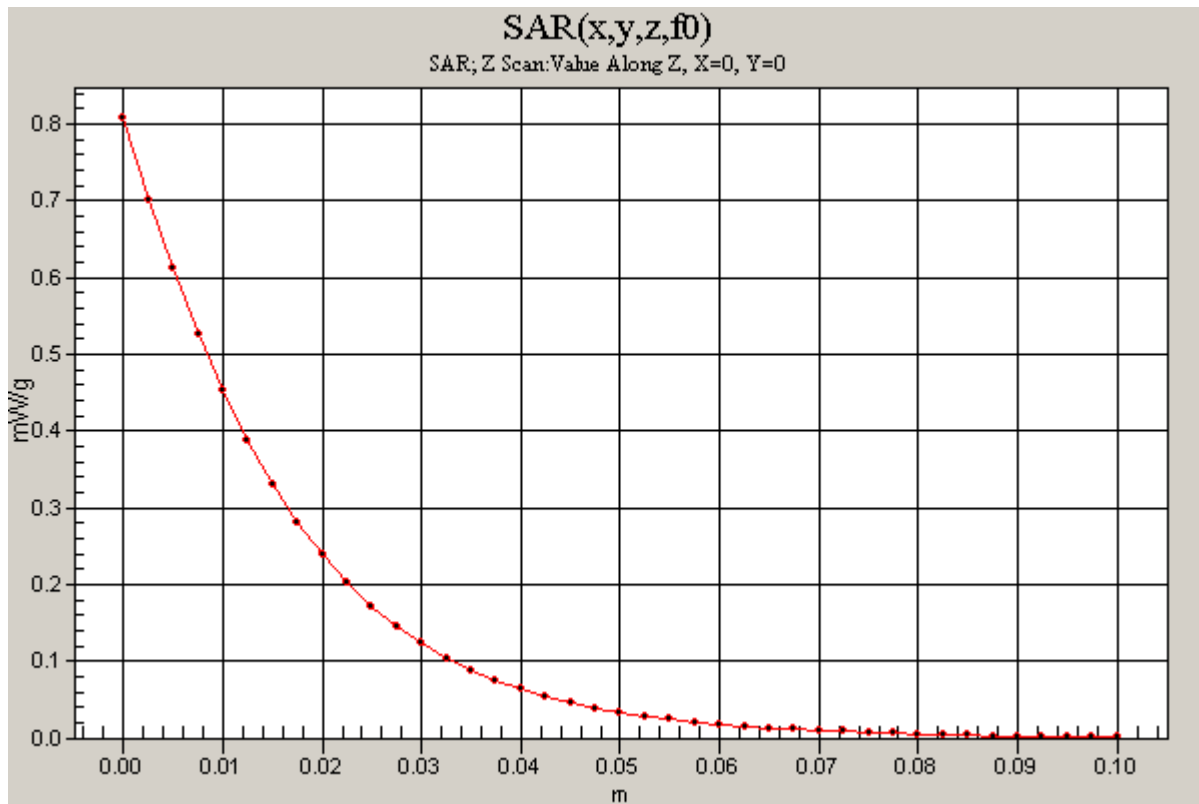
DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Touch - H-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.808 mW/g



Test Laboratory: Compliance Certification Services

Left Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 0.482 mW/g

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

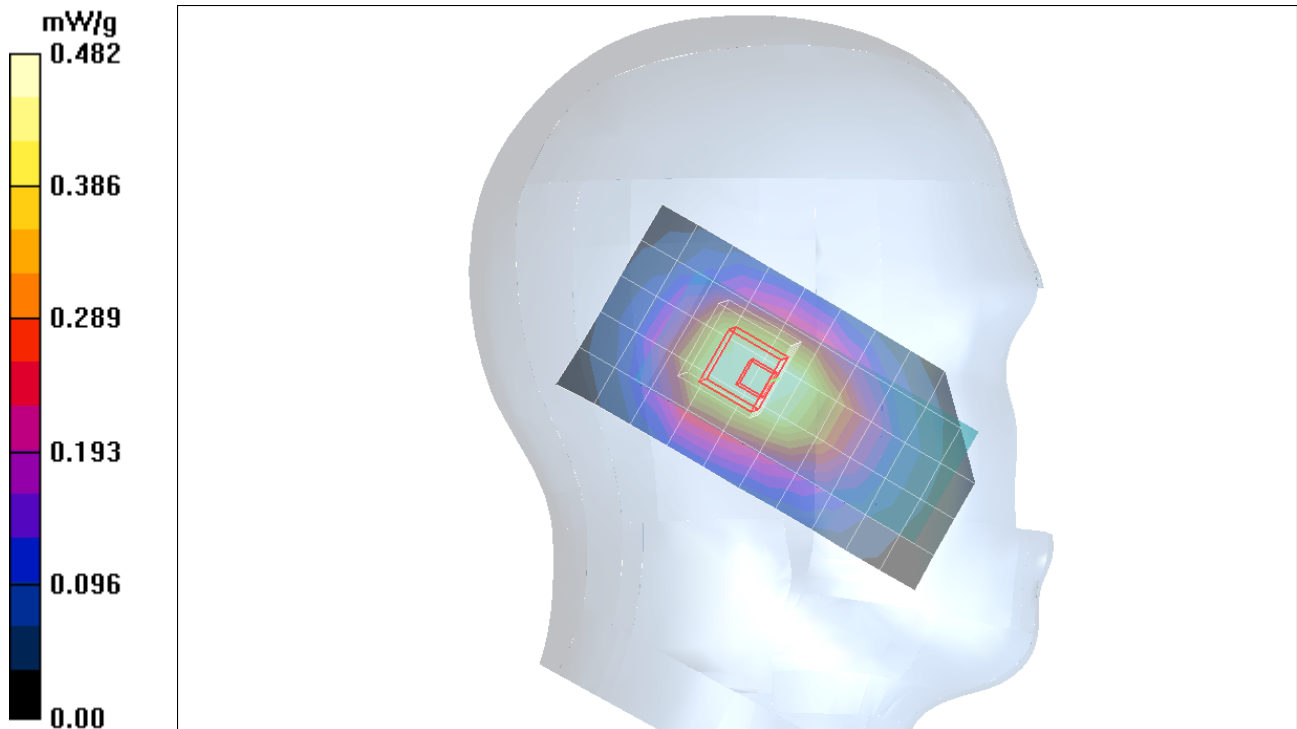
Reference Value = 22.9 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.314 mW/g

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

Maximum value of SAR (measured) = 0.517 mW/g



Test Laboratory: Compliance Certification Services

Right Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 0.947 mW/g

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

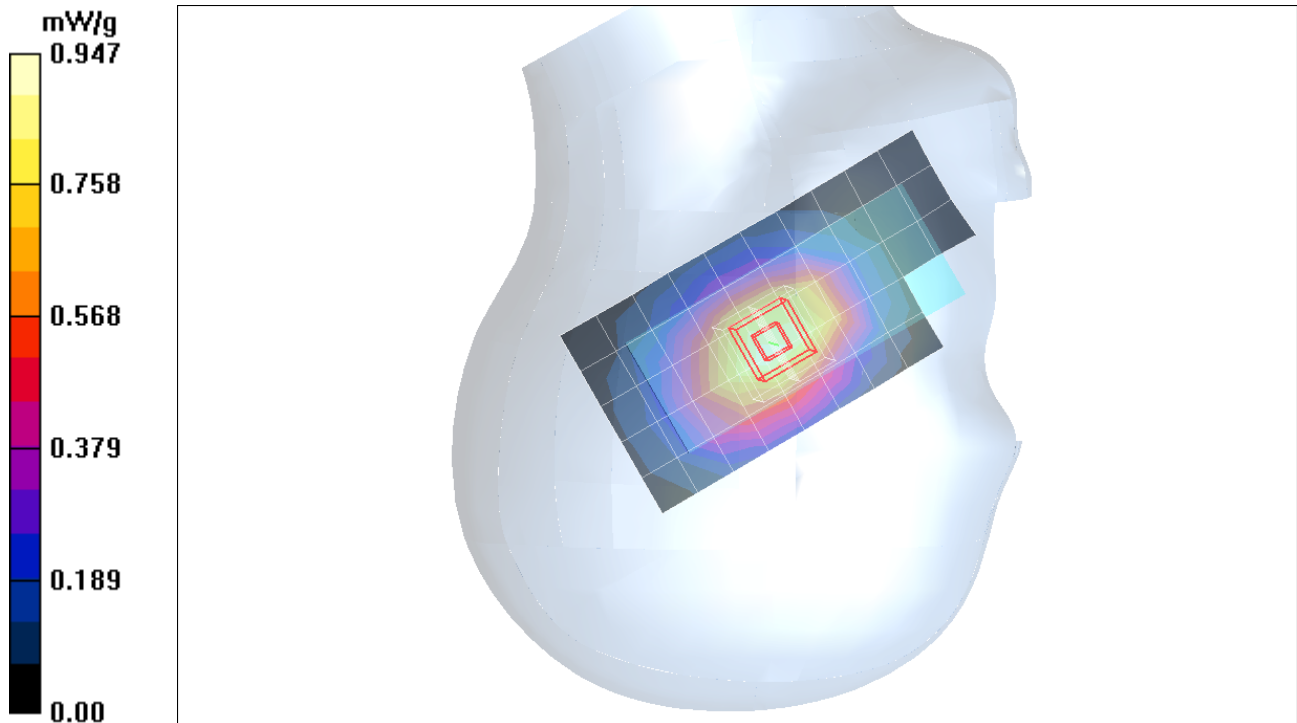
Reference Value = 24.2 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.600 mW/g

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

Maximum value of SAR (measured) = 0.984 mW/g



Test Laboratory: Compliance Certification Services

Right Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 0.985 mW/g

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

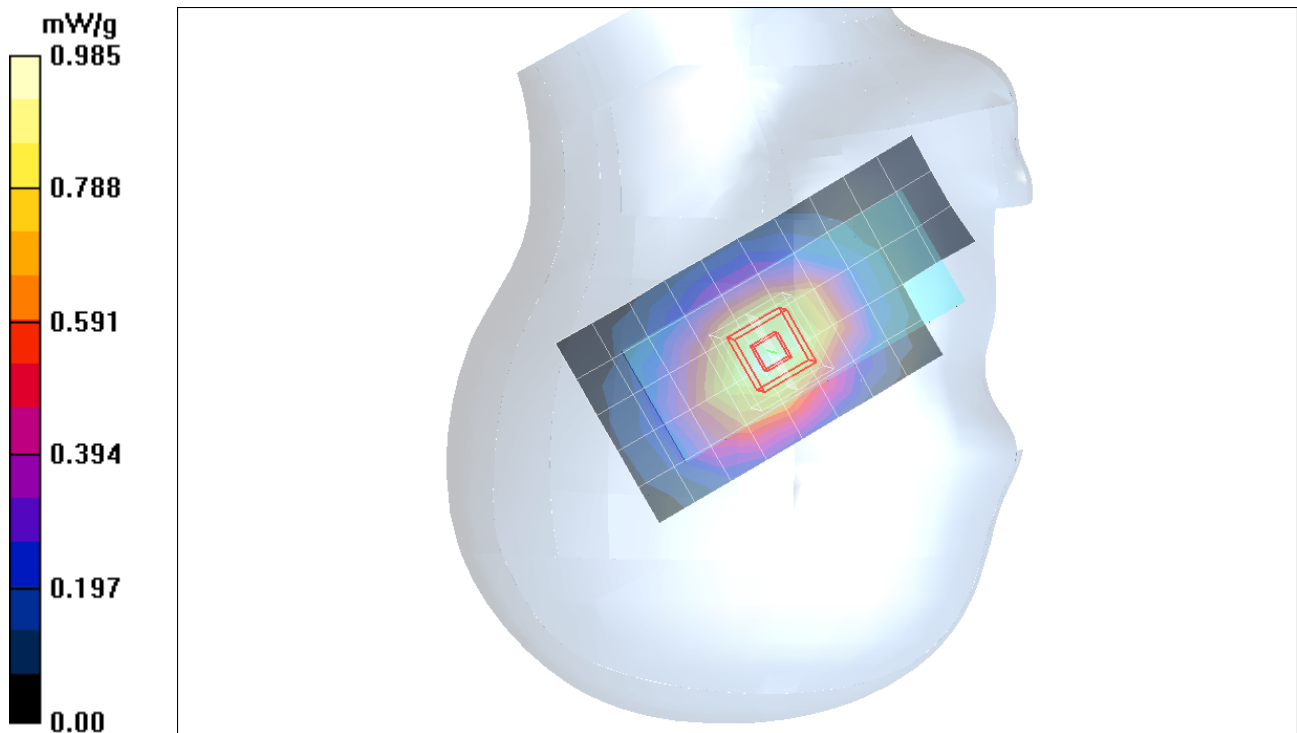
Reference Value = 24.9 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.625 mW/g

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

Maximum value of SAR (measured) = 1.00 mW/g



Test Laboratory: Compliance Certification Services

Right Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 1.02 mW/g

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

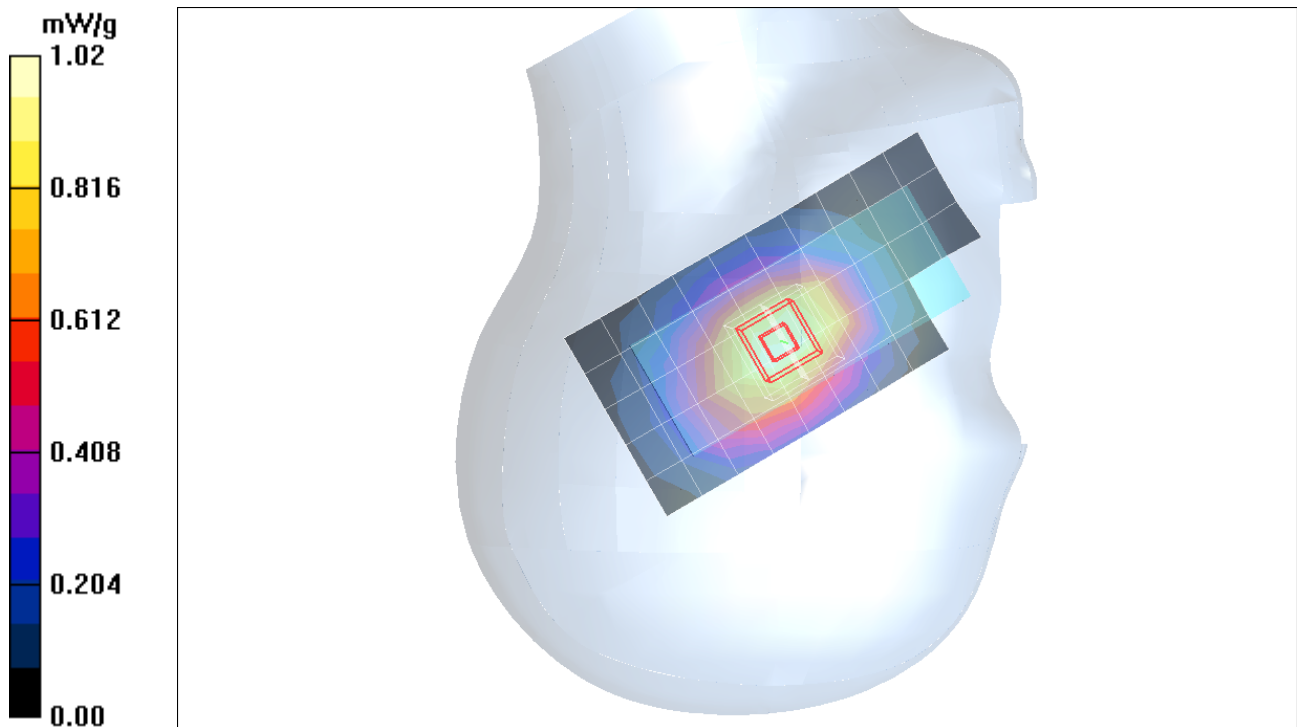
Reference Value = 24.9 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.656 mW/g

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

Maximum value of SAR (measured) = 1.07 mW/g



Test Laboratory: Compliance Certification Services

Right Hand Side

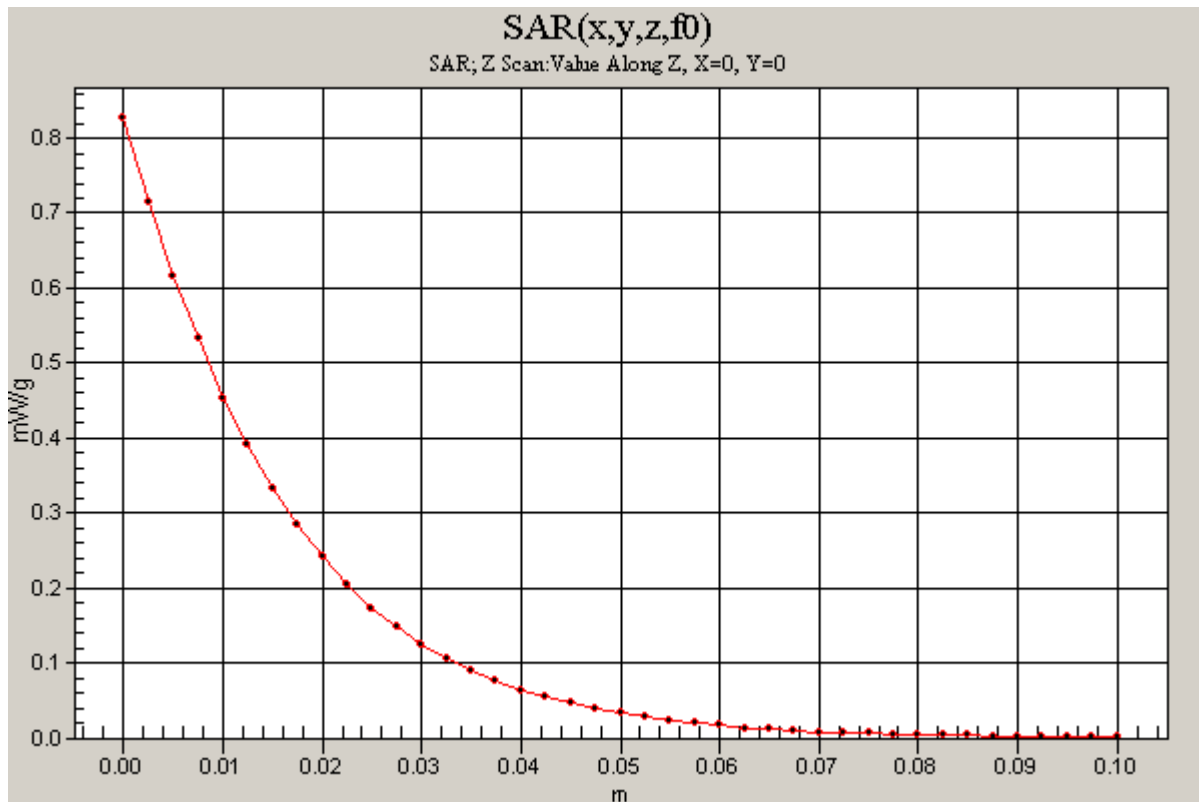
DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Touch - H-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.827 mW/g



Test Laboratory: Compliance Certification Services

Right Hand Side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

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

Maximum value of SAR (measured) = 0.563 mW/g

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

Reference Value = 22.3 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.347 mW/g

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

Maximum value of SAR (measured) = 0.561 mW/g

Tilt - M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

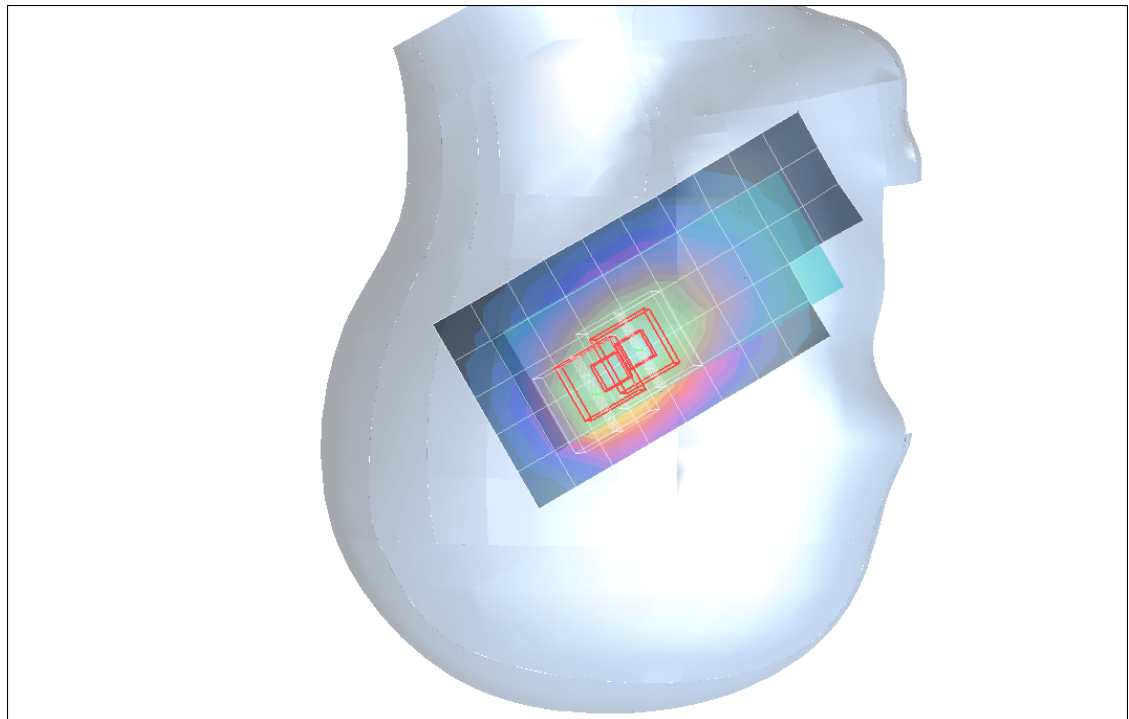
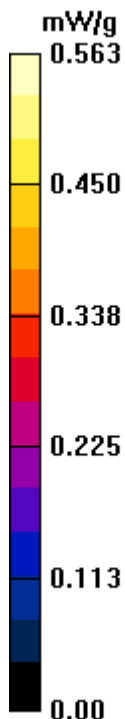
Reference Value = 22.3 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.314 mW/g

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

Maximum value of SAR (measured) = 0.546 mW/g



Test Laboratory: Compliance Certification Services

Body worn Front side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GSM M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.502 mW/g

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

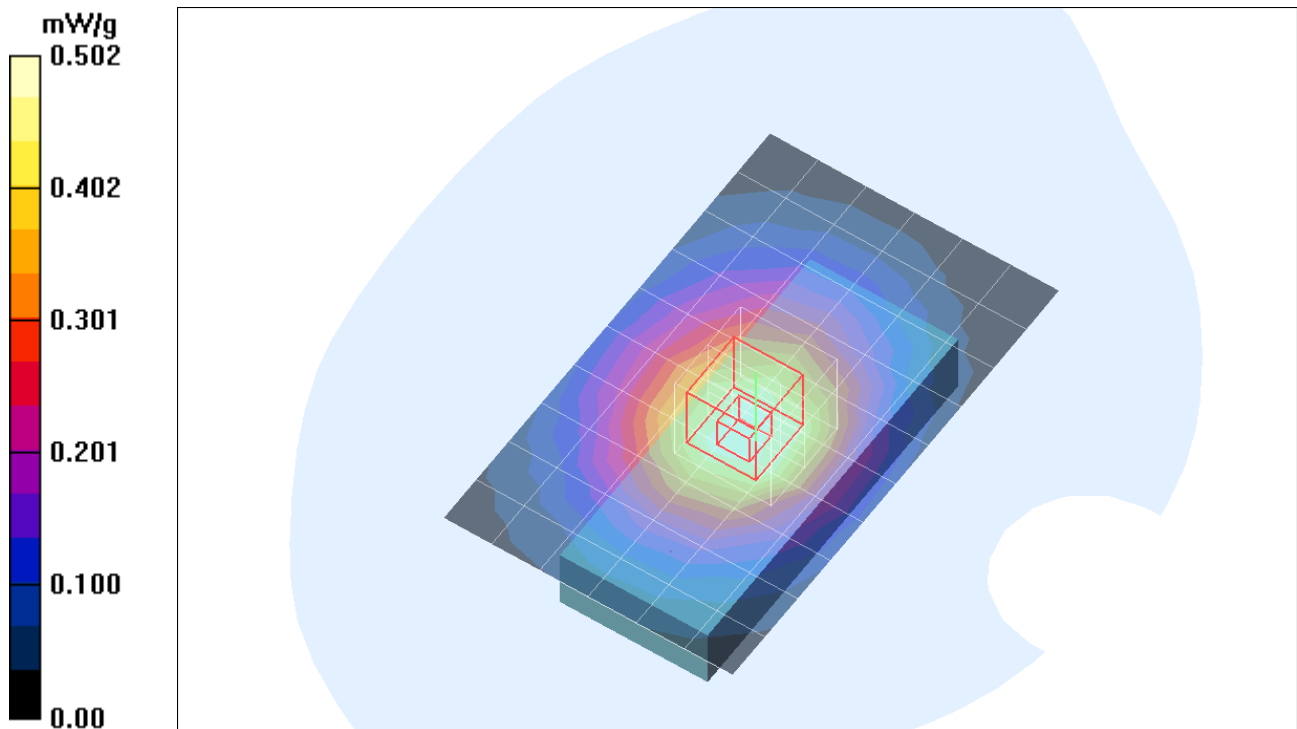
Reference Value = 21.8 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.329 mW/g

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

Maximum value of SAR (measured) = 0.534 mW/g



Test Laboratory: Compliance Certification Services

Body worn Front side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 56.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GPRS L-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.920 mW/g

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

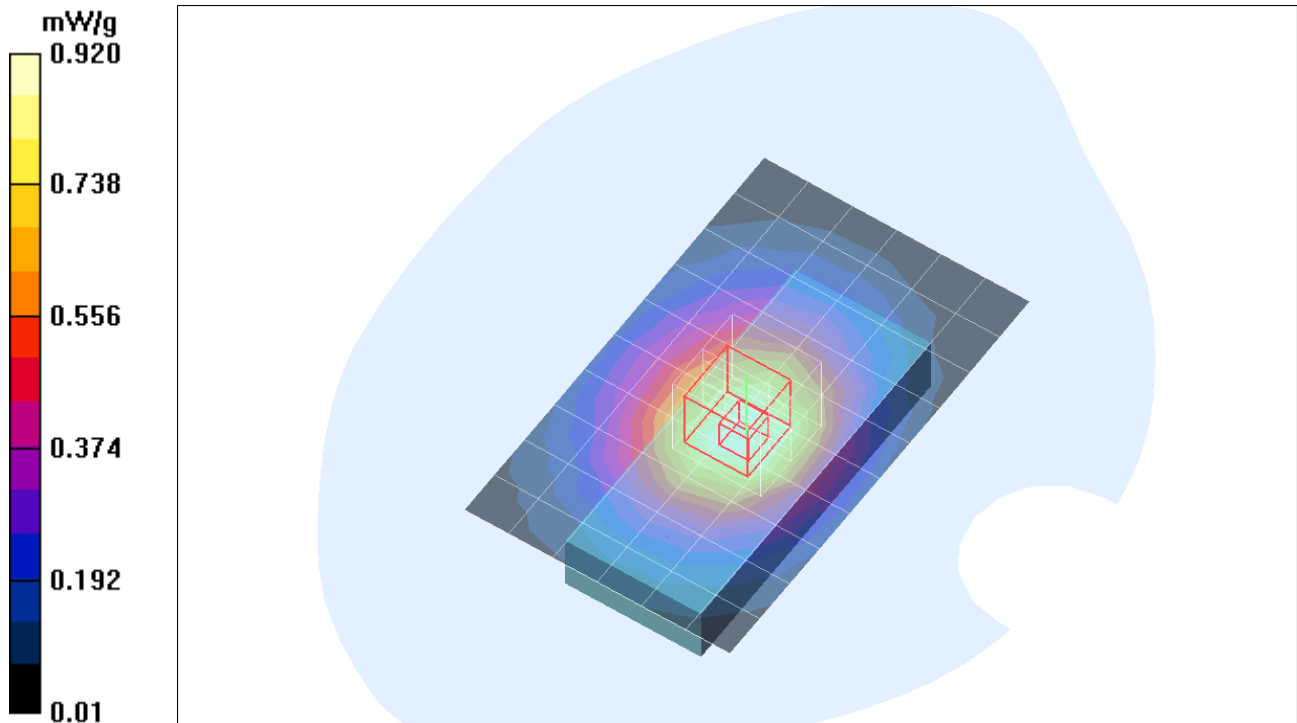
Reference Value = 29.1 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.595 mW/g

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

Maximum value of SAR (measured) = 0.967 mW/g



Test Laboratory: Compliance Certification Services

Body worn Front side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GPRS M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.921 mW/g

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

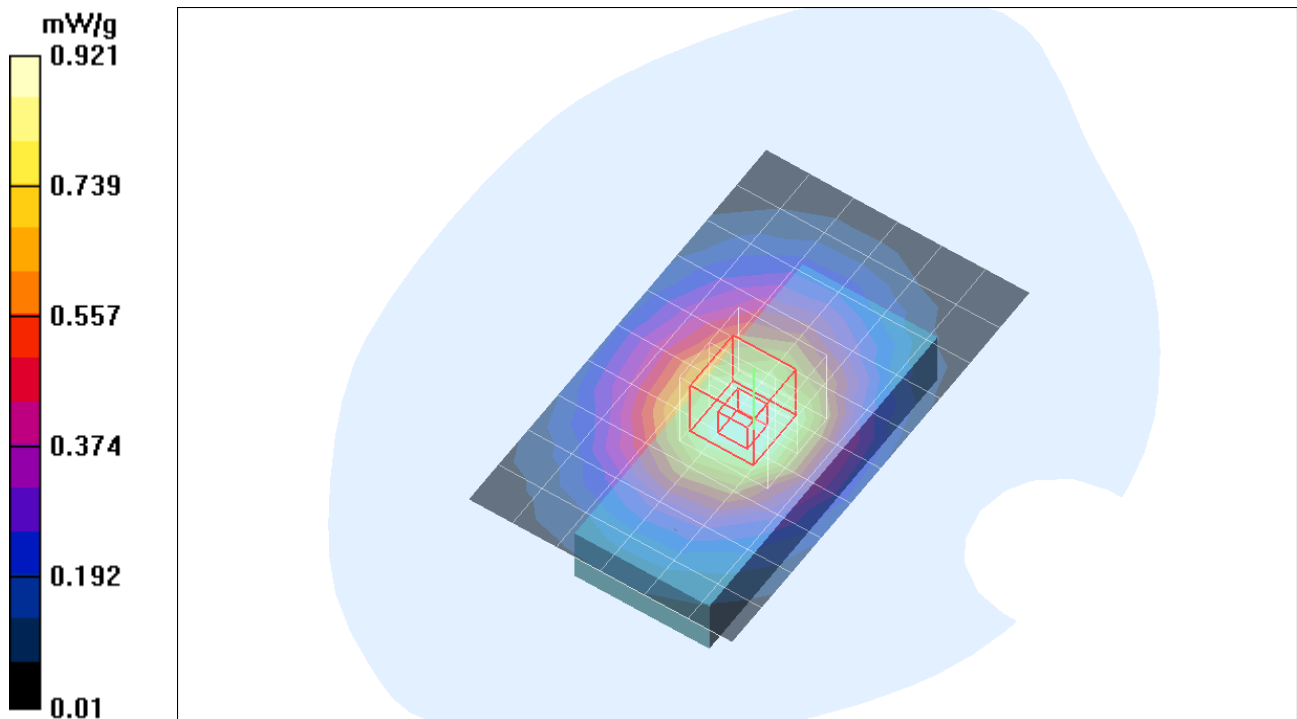
Reference Value = 29.6 V/m; Power Drift = -0.225 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.600 mW/g

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

Maximum value of SAR (measured) = 0.971 mW/g



Test Laboratory: Compliance Certification Services

Body worn Front side

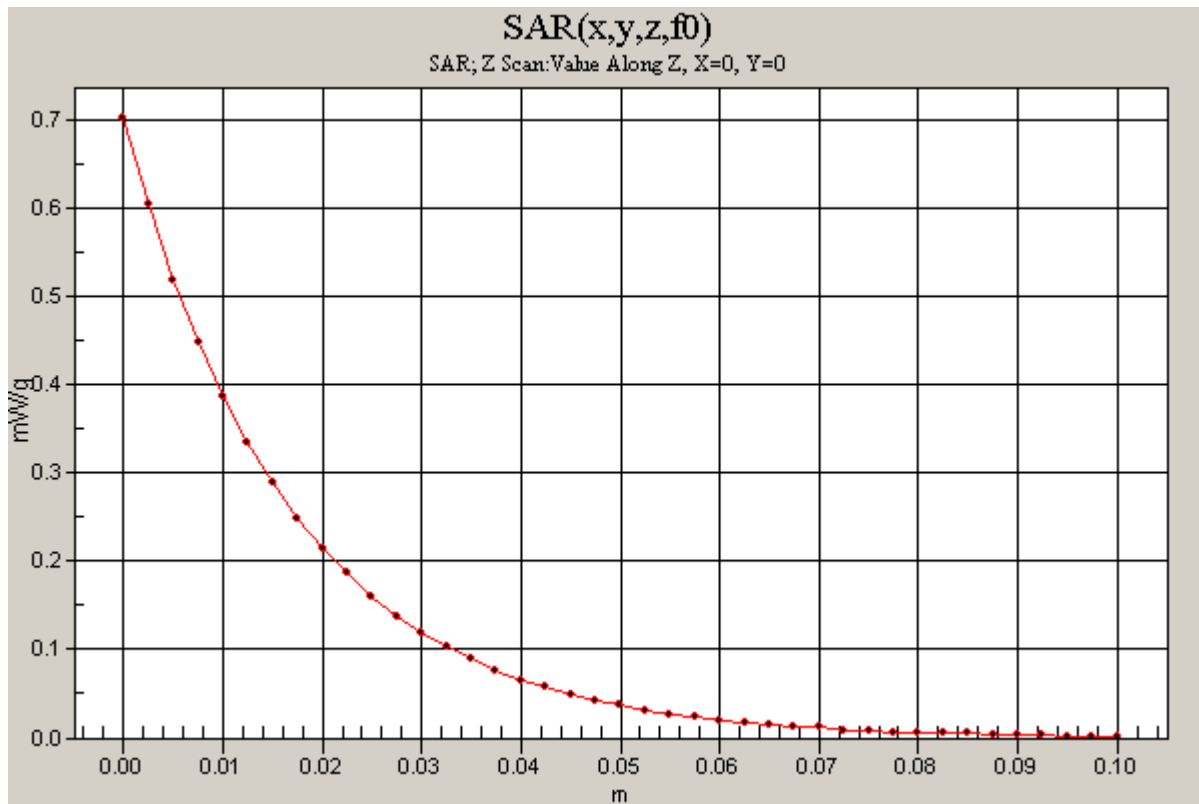
DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

GPRS M-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.701 mW/g



Test Laboratory: Compliance Certification Services

Body worn Front side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GPRS H-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.790 mW/g

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

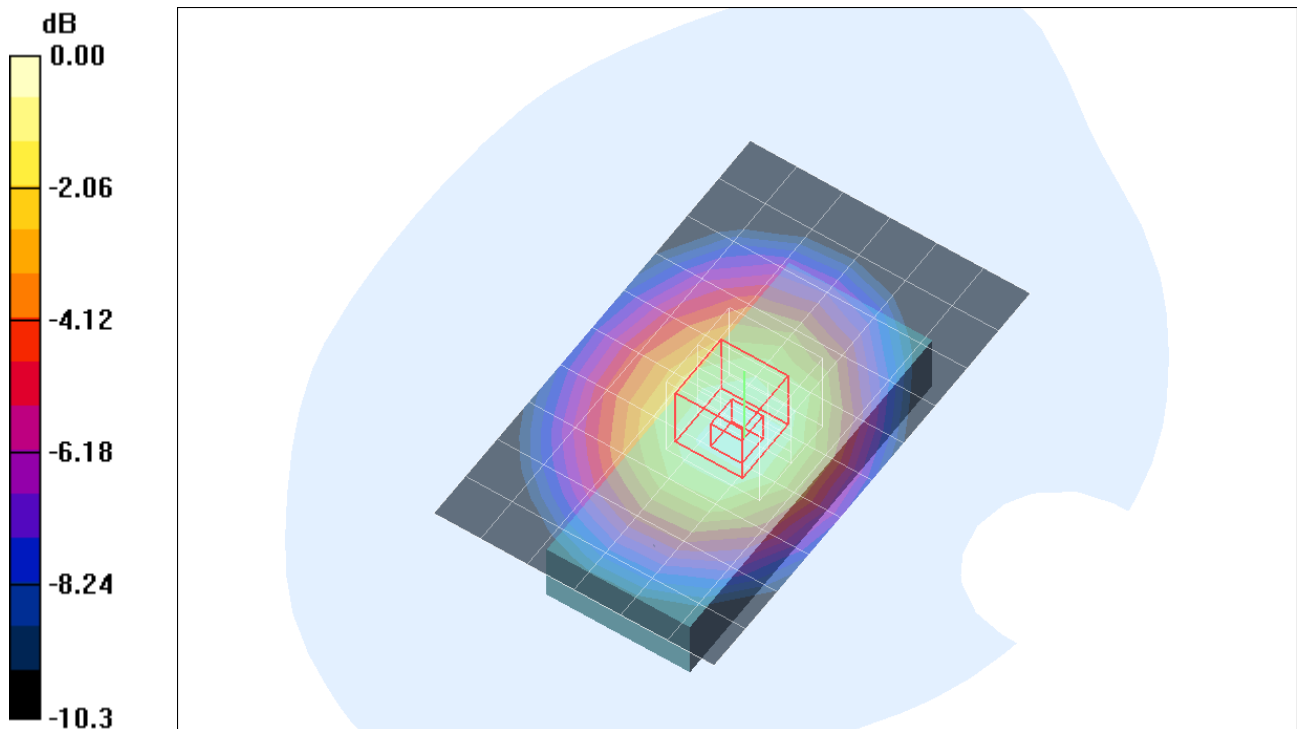
Reference Value = 27.3 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.540 mW/g

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

Maximum value of SAR (measured) = 0.887 mW/g



Test Laboratory: Compliance Certification Services

Body worn Front side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

EGPRS M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.258 mW/g

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

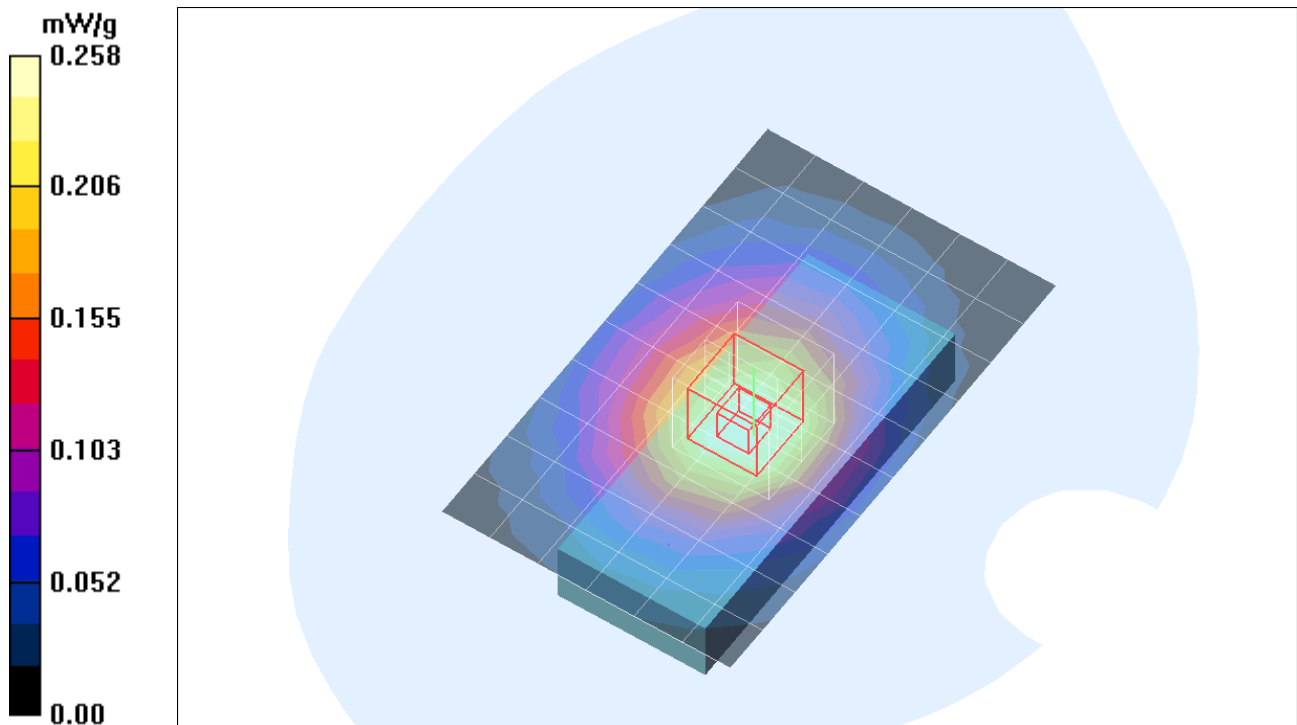
Reference Value = 15.4 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.170 mW/g

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

Maximum value of SAR (measured) = 0.276 mW/g



Test Laboratory: Compliance Certification Services

Body worn Back side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GSM M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.722 mW/g

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

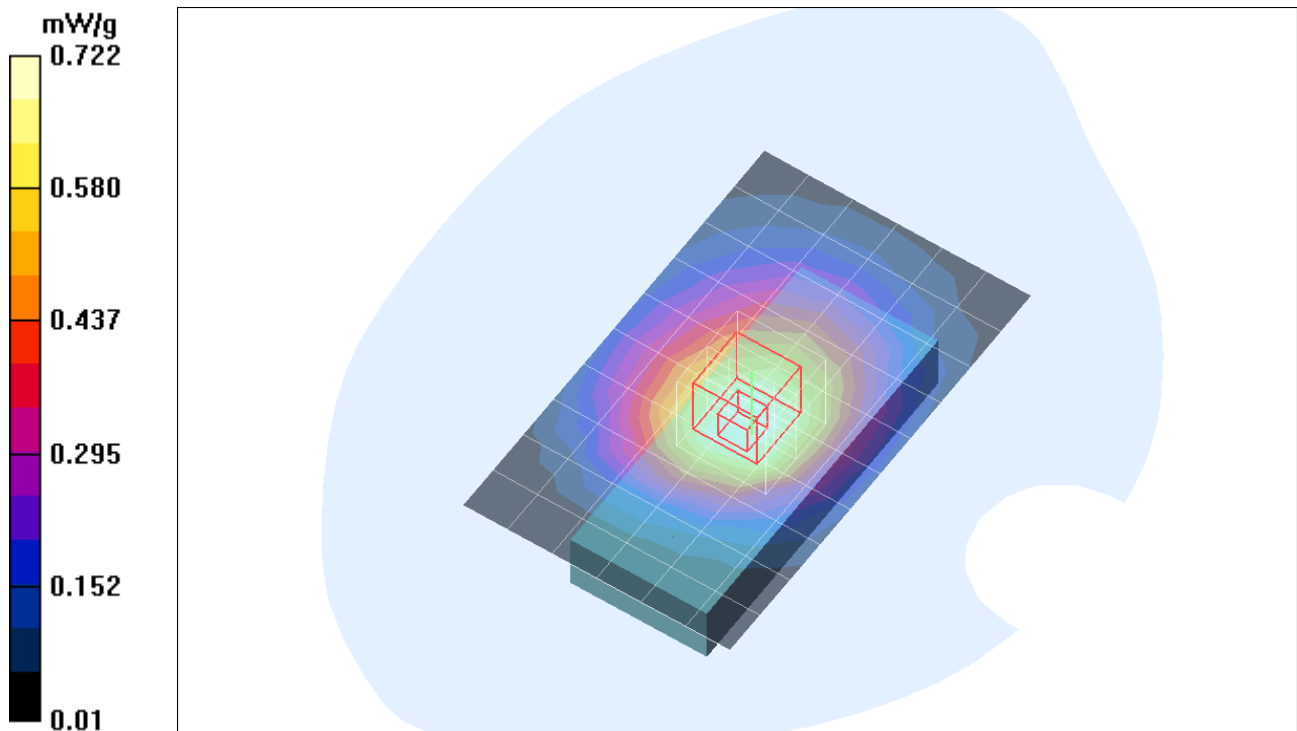
Reference Value = 26.2 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.482 mW/g

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

Maximum value of SAR (measured) = 0.785 mW/g



Test Laboratory: Compliance Certification Services

Body worn Back side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 56.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GPRS L-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.59 mW/g

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

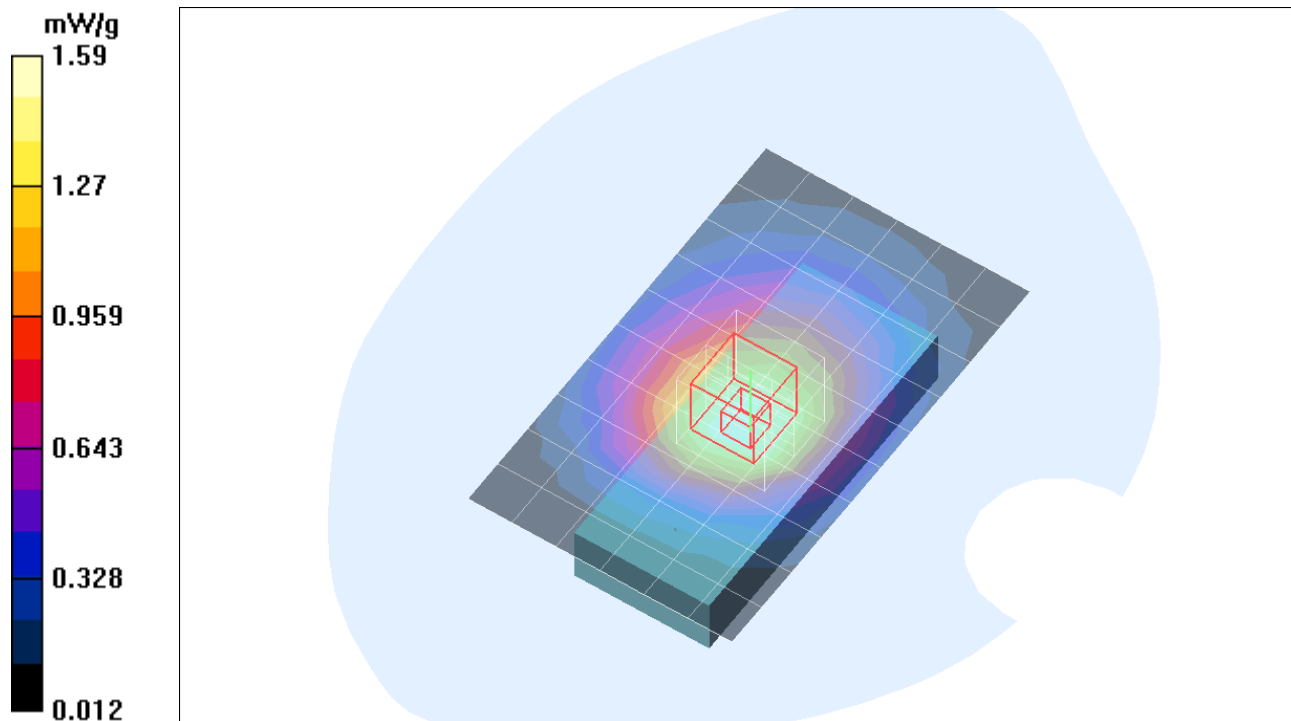
Reference Value = 38.5 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.440 mW/g; SAR(10 g) = 1.03 mW/g

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

Maximum value of SAR (measured) = 1.70 mW/g



Test Laboratory: Compliance Certification Services

Body worn Back side

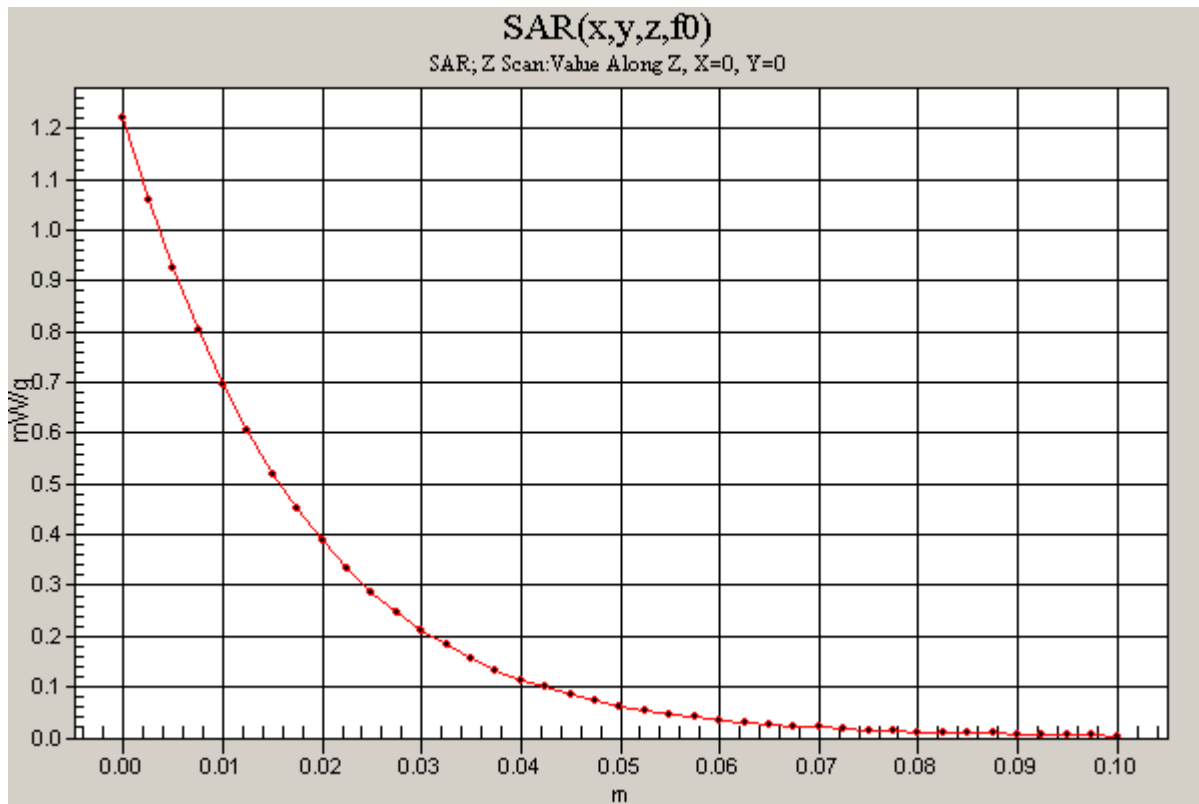
DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

GPRS L-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 1.22 mW/g



Test Laboratory: Compliance Certification Services

Body worn Back side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GPRS M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.58 mW/g

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

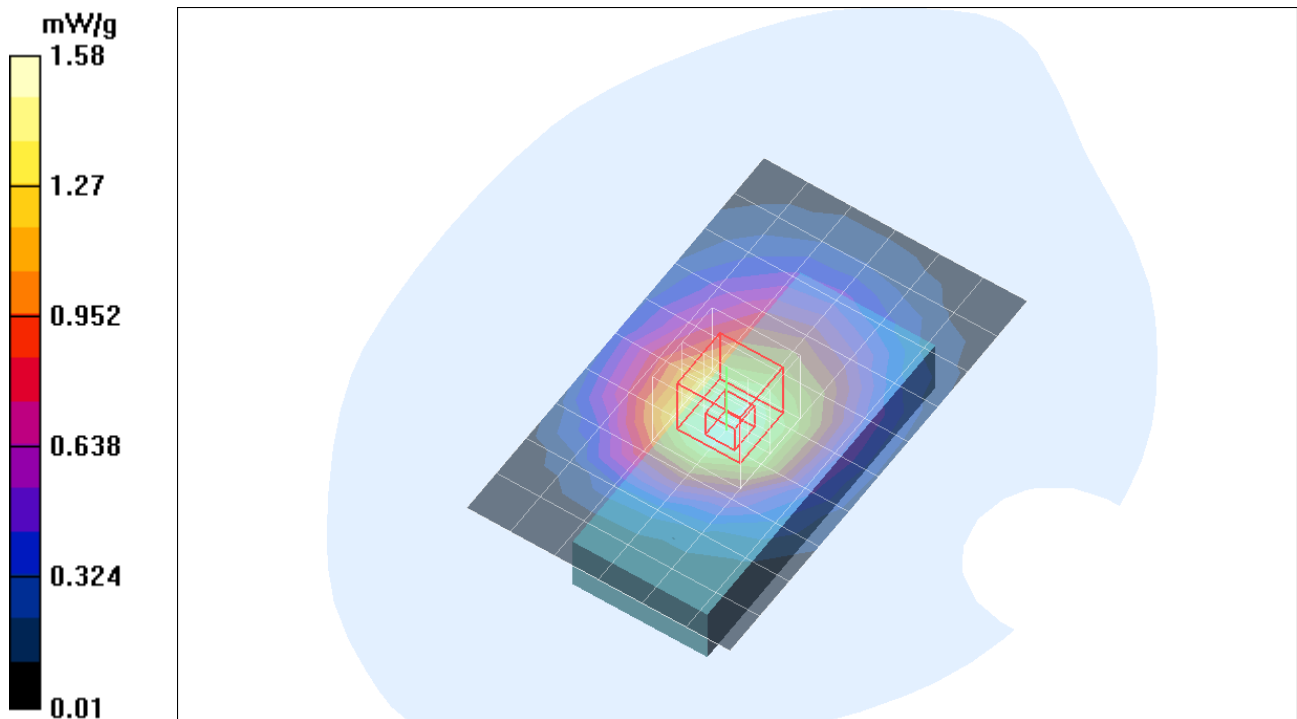
Reference Value = 37.6 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 1.430 mW/g; SAR(10 g) = 1.02 mW/g

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

Maximum value of SAR (measured) = 1.68 mW/g



Test Laboratory: Compliance Certification Services

Body worn Back side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GPRS H-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.40 mW/g

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

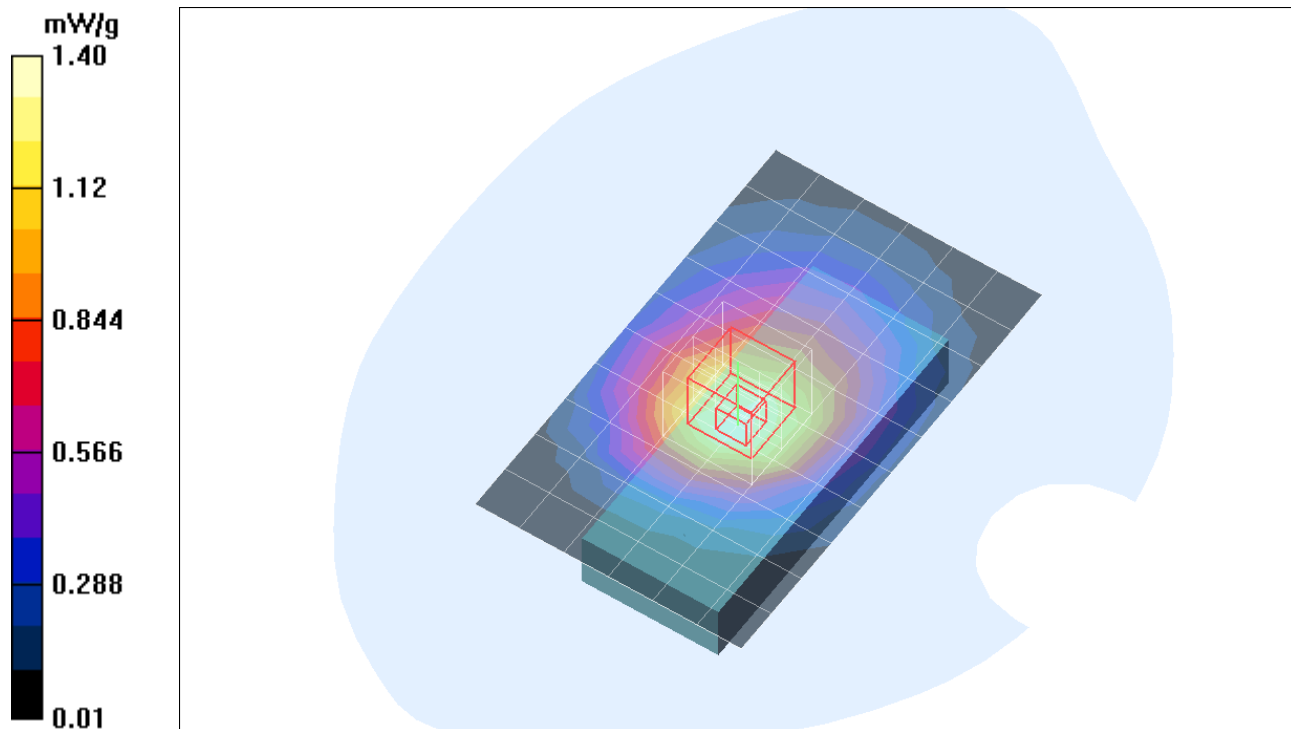
Reference Value = 35.0 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.270 mW/g; SAR(10 g) = 0.898 mW/g

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

Maximum value of SAR (measured) = 1.49 mW/g



Test Laboratory: Compliance Certification Services

Body worn Back side

DUT: High Tech Computer Corp; Type: ST22B; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

EGPRS M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.407 mW/g

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

Reference Value = 19.2 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.267 mW/g

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

Maximum value of SAR (measured) = 0.441 mW/g

