

Test Laboratory: Compliance Certification Services

Right Hand Side (With keypad open)

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ 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(7.95, 7.95, 7.95); 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

Tilt - M-ch/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.031 mW/g

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

Reference Value = 4.20 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.016 mW/g

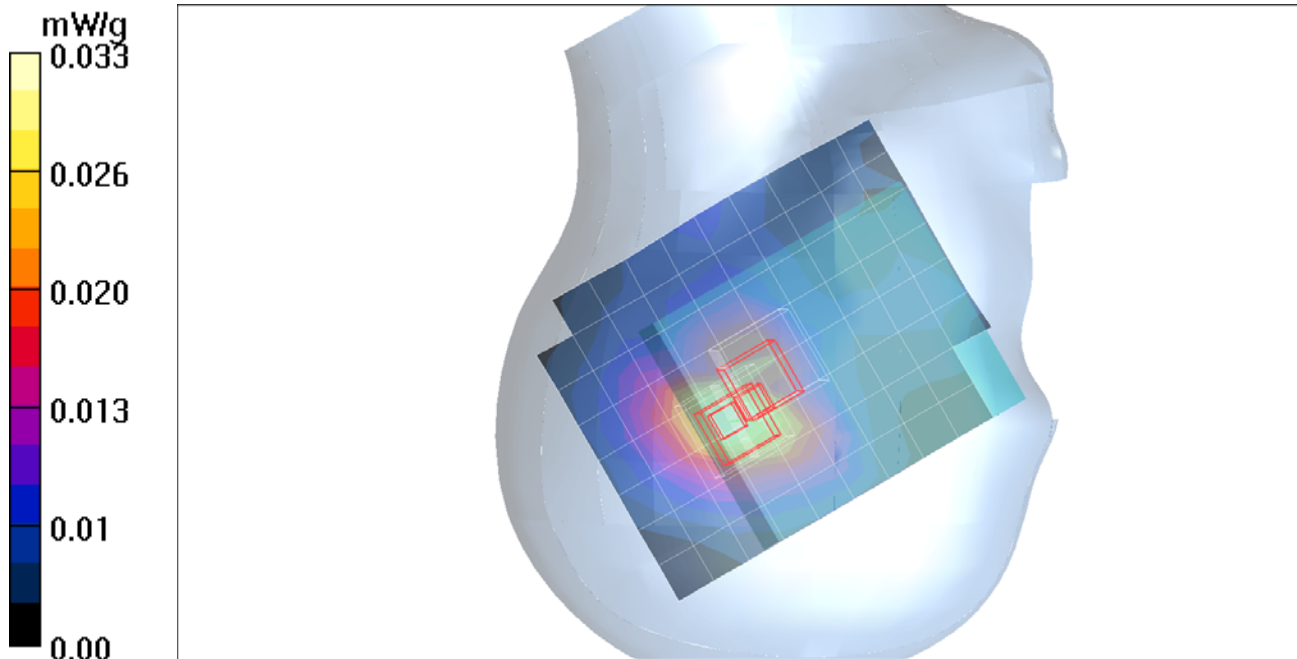
Maximum value of SAR (measured) = 0.033 mW/g

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

Reference Value = 4.20 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.013 mW/g



Test Laboratory: Compliance Certification Services

Body worn 1

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM only_M-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.076 mW/g

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

Reference Value = 6.75 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.041 mW/g

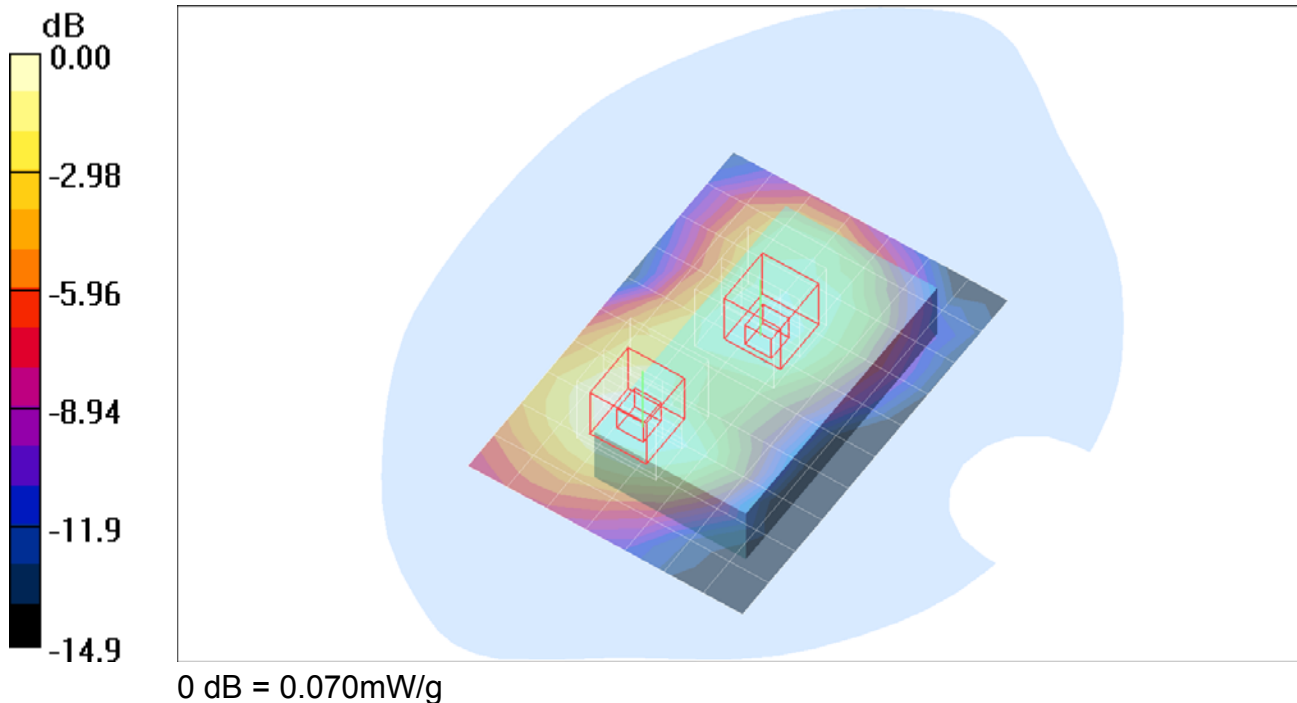
GSM only_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.75 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



Test Laboratory: Compliance Certification Services

Body worn 1

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM+GPRS_M-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.148 mW/g

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

Reference Value = 9.52 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.078 mW/g

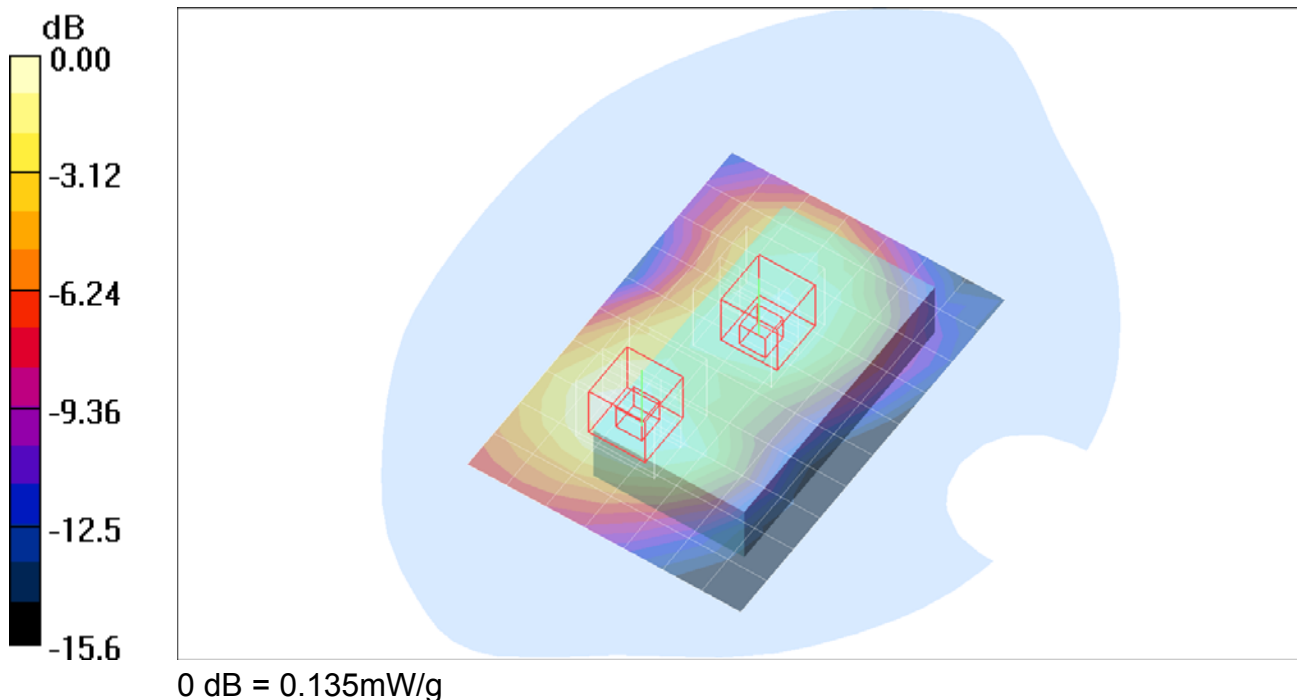
GSM+GPRS_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.52 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



Test Laboratory: Compliance Certification Services

Body worn 1

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM+EGPRS_M-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.066 mW/g

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

Reference Value = 5.18 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.069 mW/g

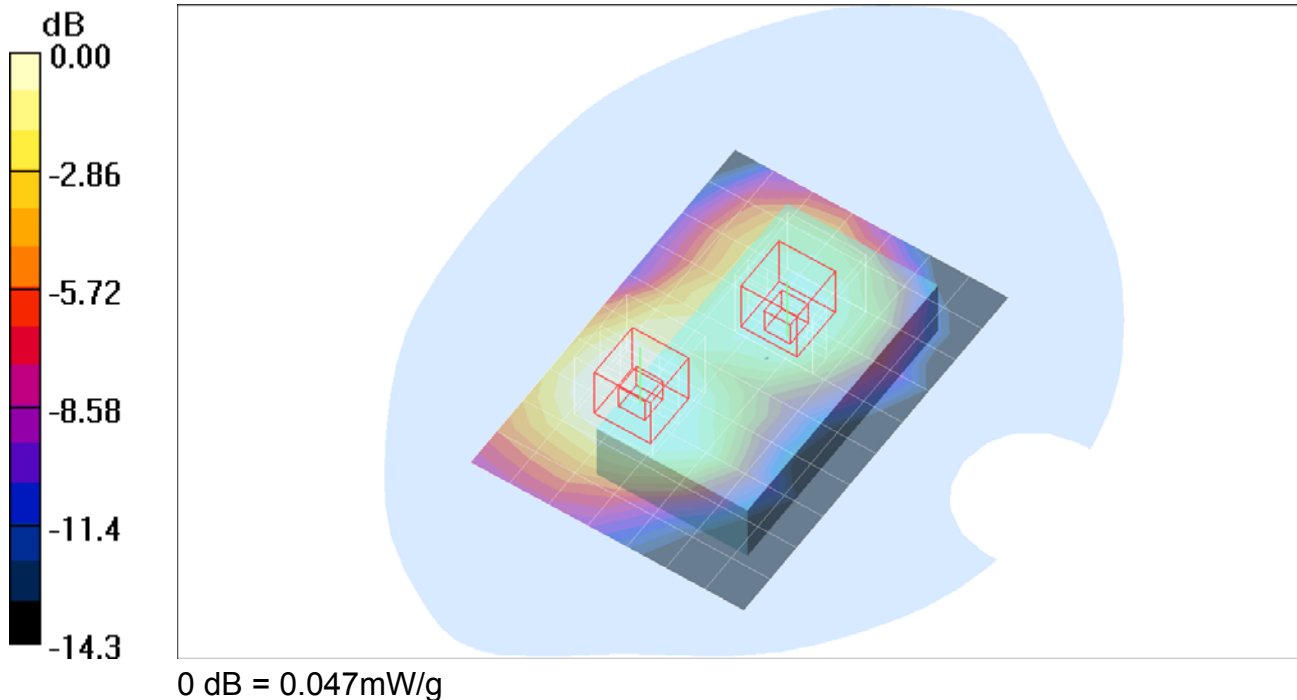
GSM+EGPRS_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.18 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.047 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM only_M-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.414 mW/g

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

Reference Value = 16.1 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.463 mW/g

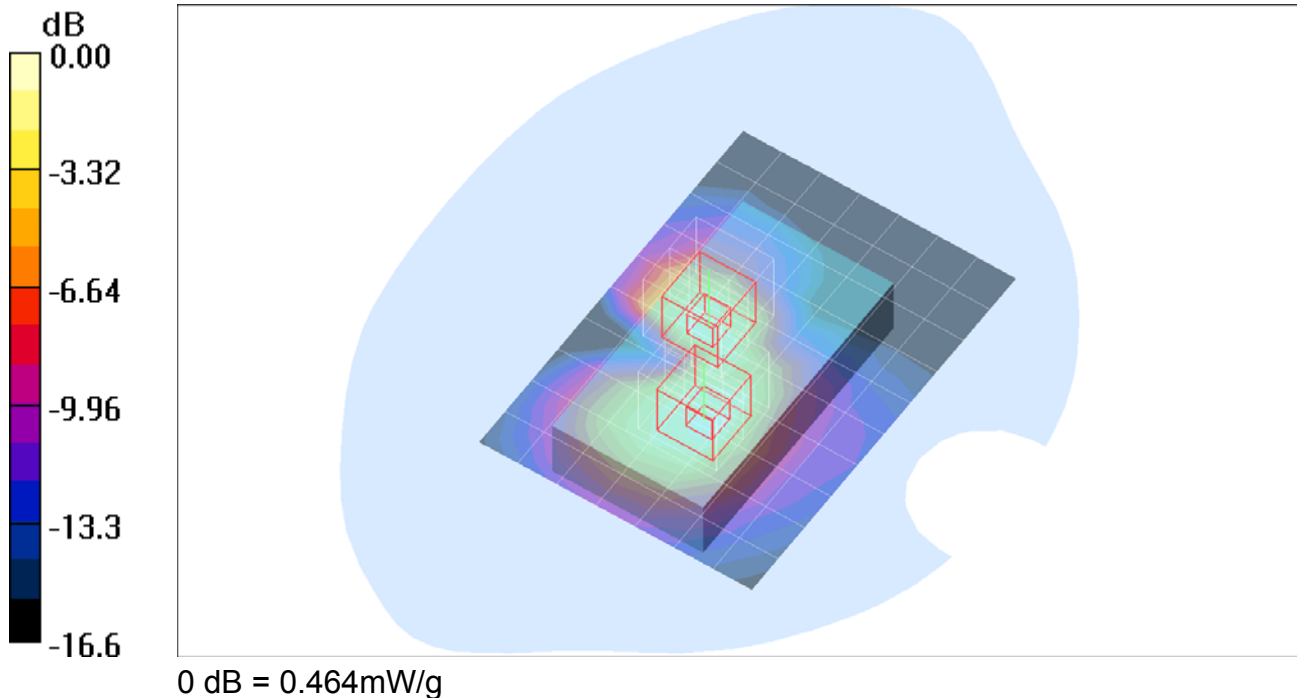
GSM only_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.464 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM+GPRS_L-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.770 mW/g

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

Reference Value = 23.4 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 0.923 mW/g

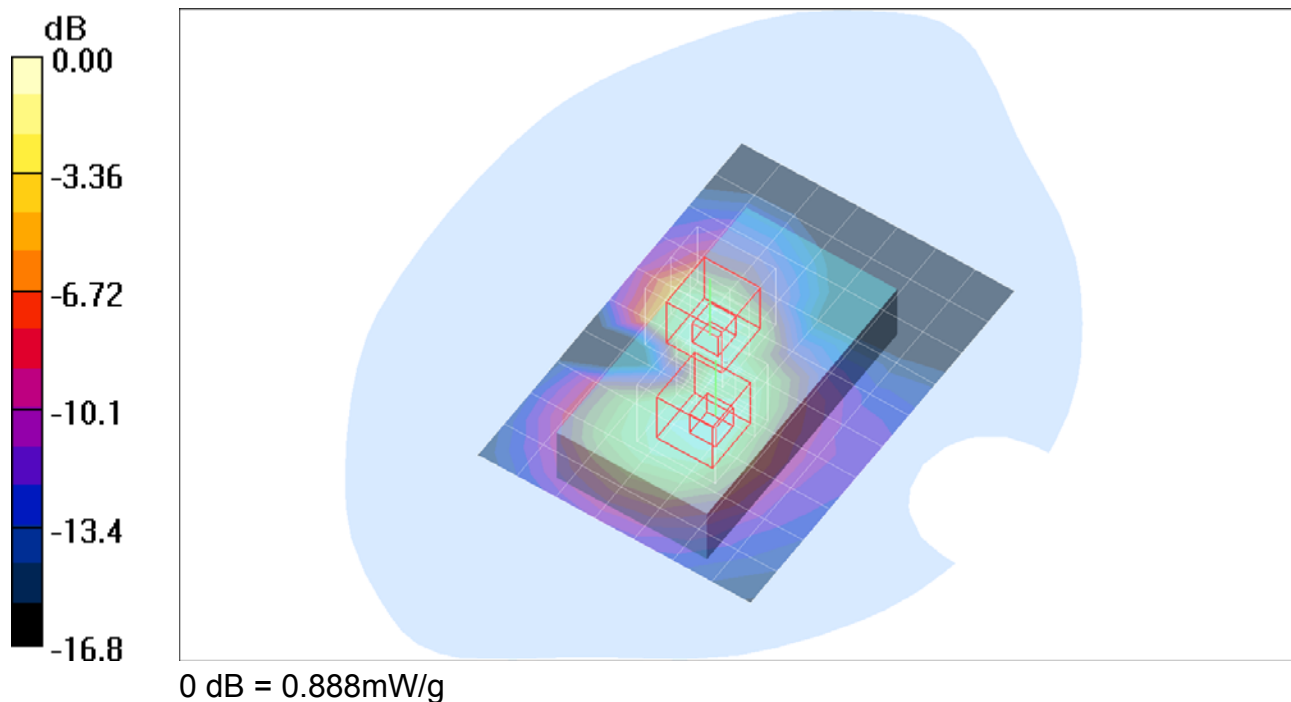
GSM+GPRS_L-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.888 mW/g



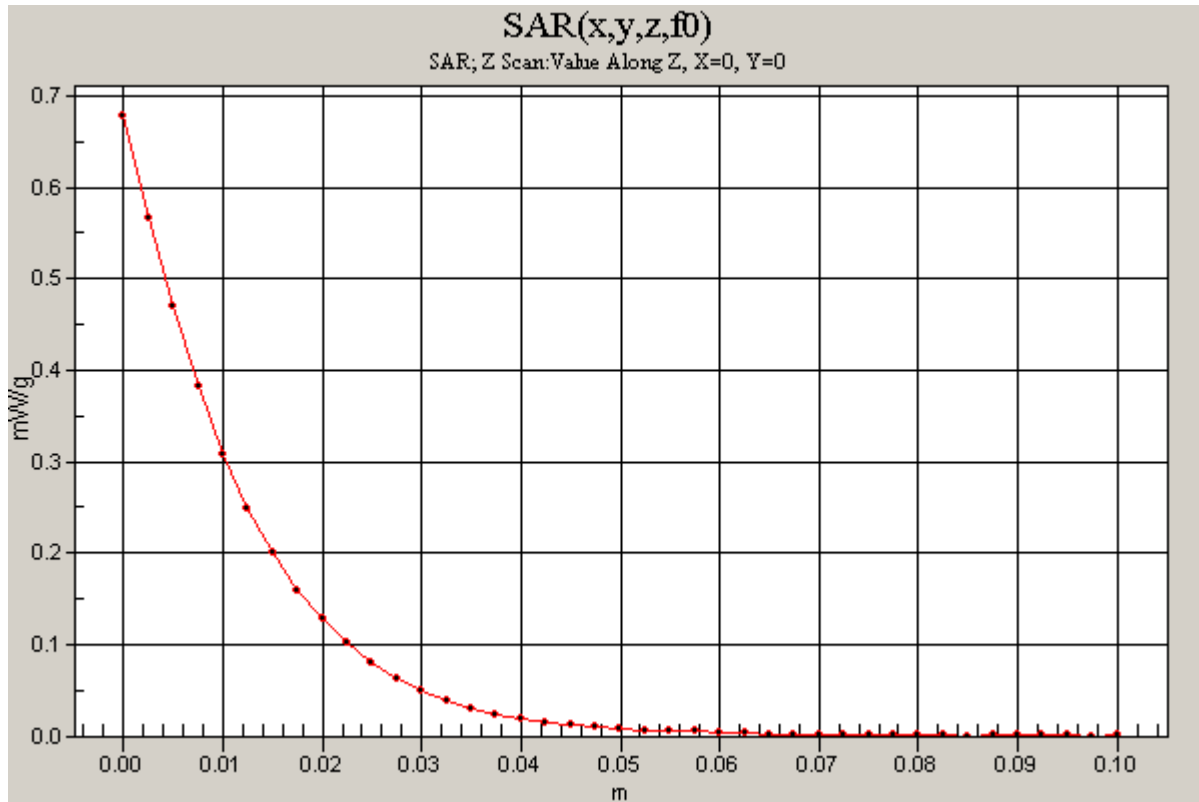
Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

GSM+GPRS_L-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.678 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM+GPRS_M-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 21.7 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.843 mW/g

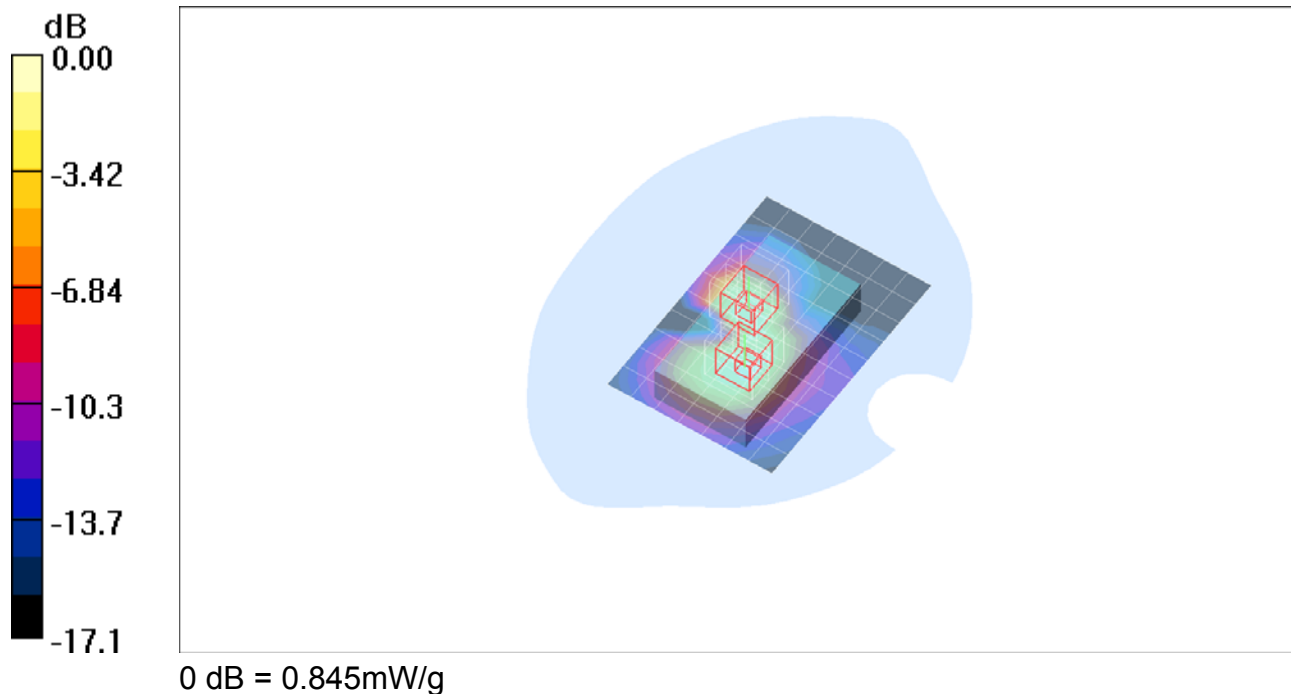
GSM+GPRS_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.845 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM+GPRS_H-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.713 mW/g

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

Reference Value = 19.8 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.388 mW/g

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

Maximum value of SAR (measured) = 0.837 mW/g

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

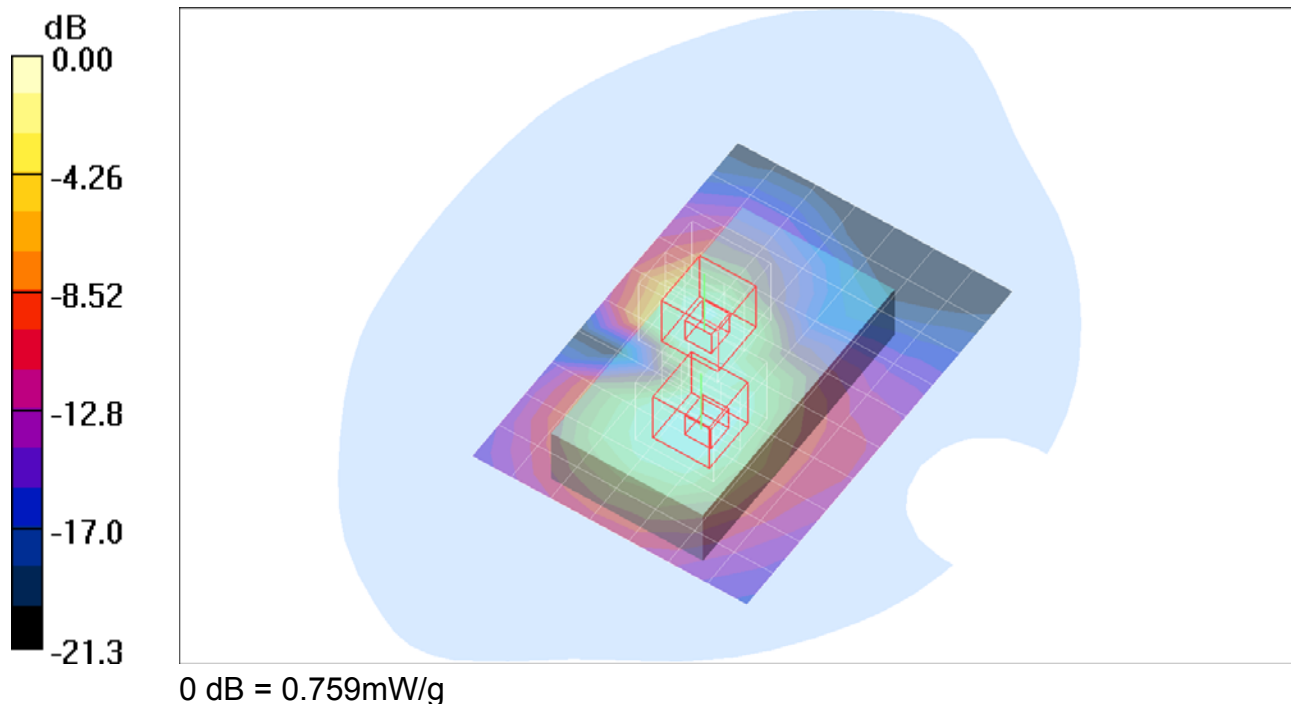
Reference Value = 19.8 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.349 mW/g

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

Maximum value of SAR (measured) = 0.759 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA200; Serial: HT521EB00021

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 22 deg. C; Liquid Temperature: 21 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(7.82, 7.82, 7.82); 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

GSM+EGPRS_H-ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.303 mW/g

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

Reference Value = 13.9 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.347 mW/g

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

Reference Value = 13.9 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.356 mW/g

