

Test Laboratory: Compliance Certification Services

Right Hand Side (With keypad open)

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT521EB00017

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) = 0.024 mW/g

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

Reference Value = 3.65 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

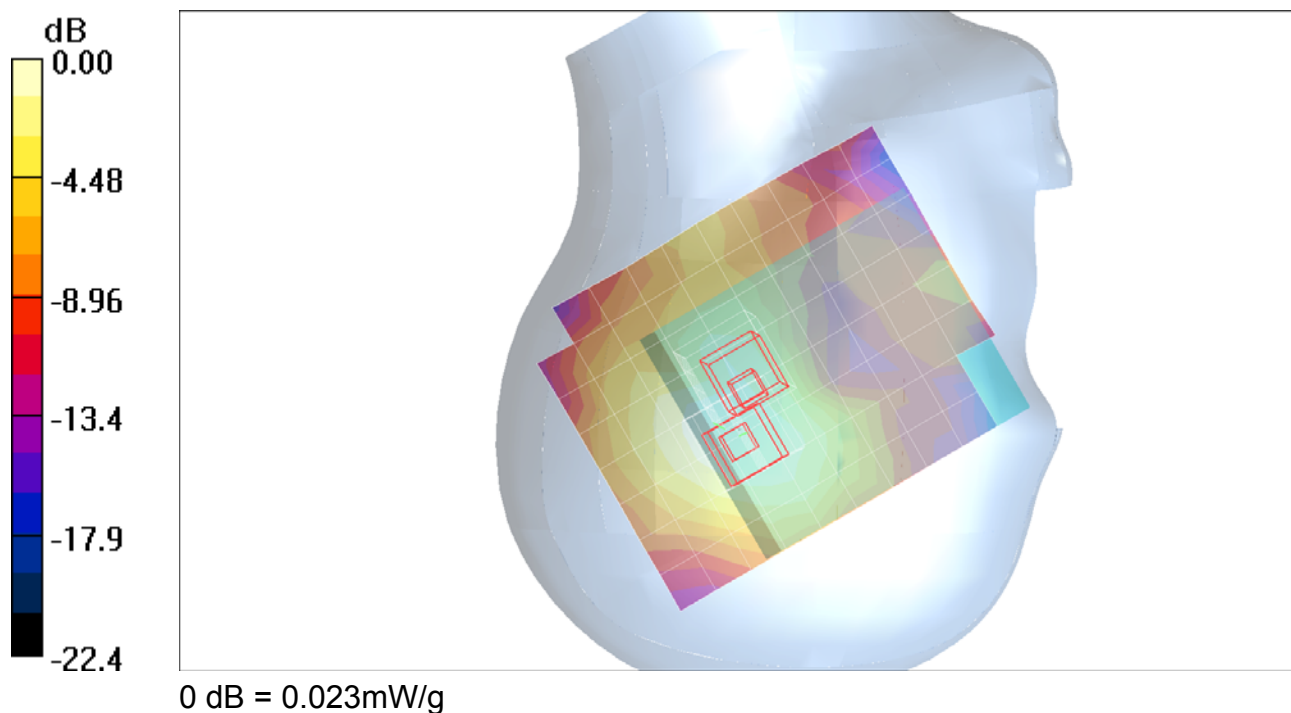
Tilt - M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.65 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00913 mW/g

Maximum value of SAR (measured) = 0.023 mW/g



Test Laboratory: Compliance Certification Services

Body worn 1

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT521EB00017

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) = 0.069 mW/g

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

Reference Value = 7.23 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.038 mW/g

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

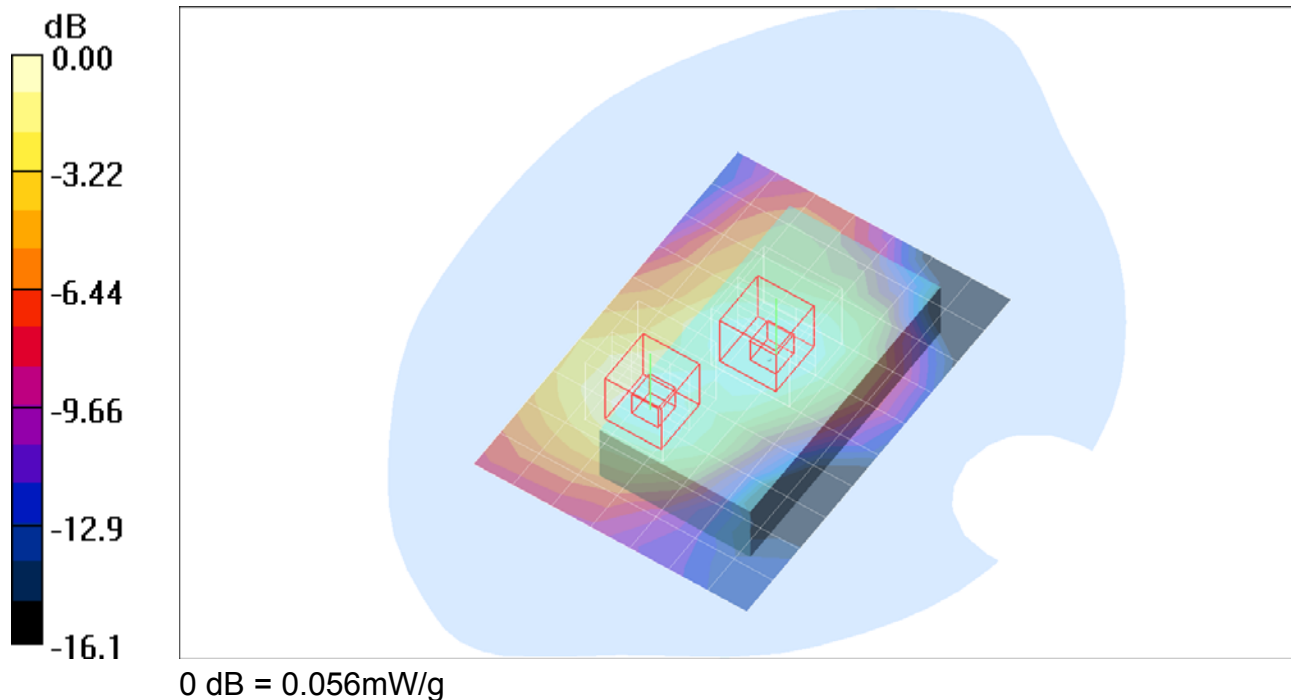
GSM only_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.23 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.056 mW/g



Test Laboratory: Compliance Certification Services

Body worn 1

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT521EB00017

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) = 0.131 mW/g

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

Reference Value = 10.1 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.146 mW/g

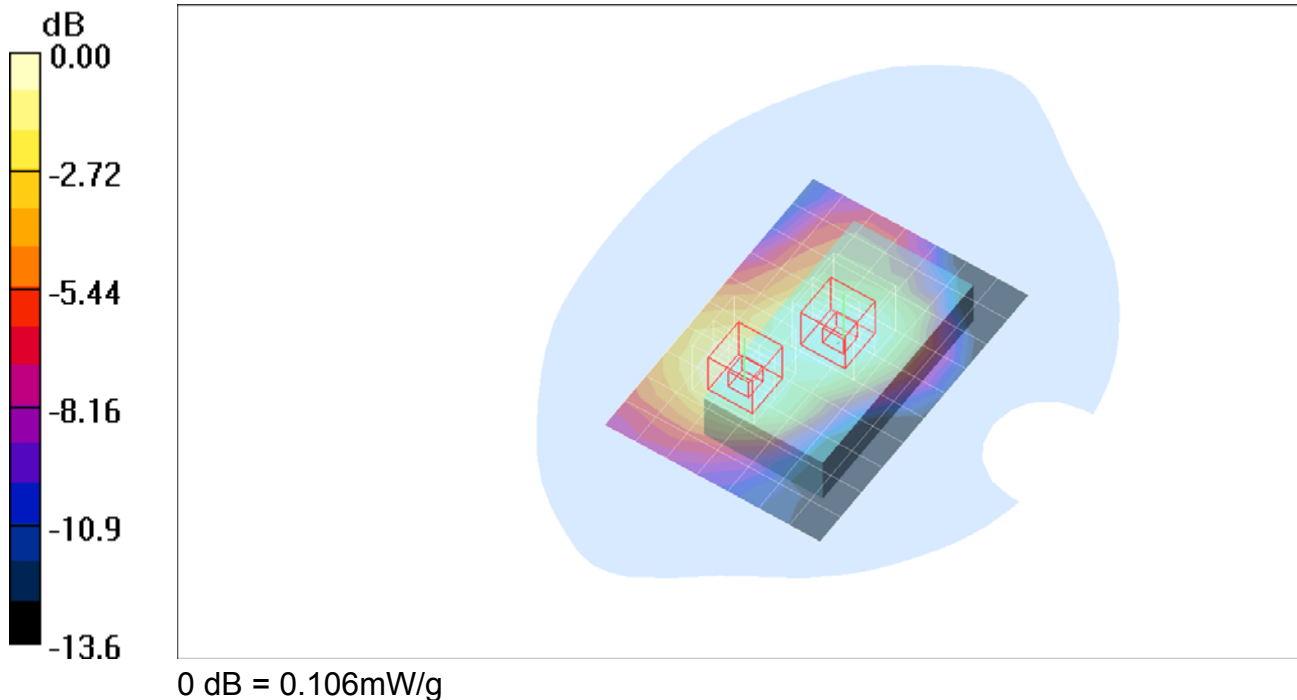
GSM+GPRS_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



Test Laboratory: Compliance Certification Services

Body worn 1

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT521EB00017

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

Maximum value of SAR (measured) = 0.024 mW/g

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

Reference Value = 4.39 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.028 mW/g

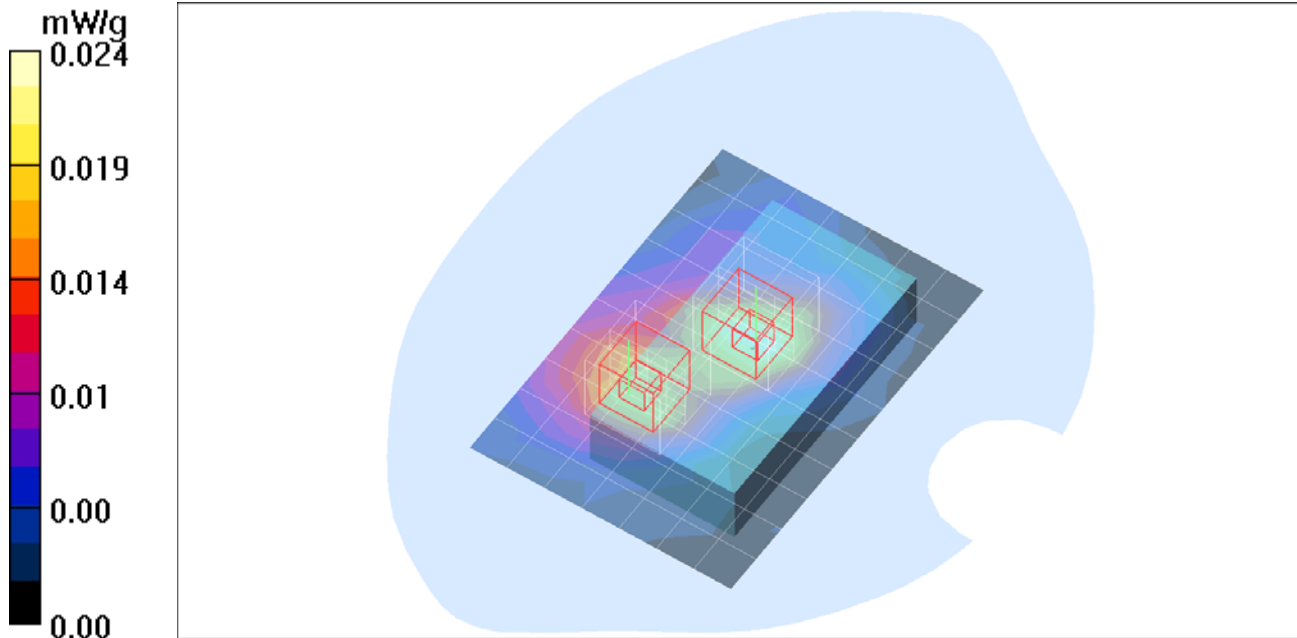
GSM+EGPRS_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.39 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT5201B00017

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) = 0.309 mW/g

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

Reference Value = 12.8 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.337 mW/g

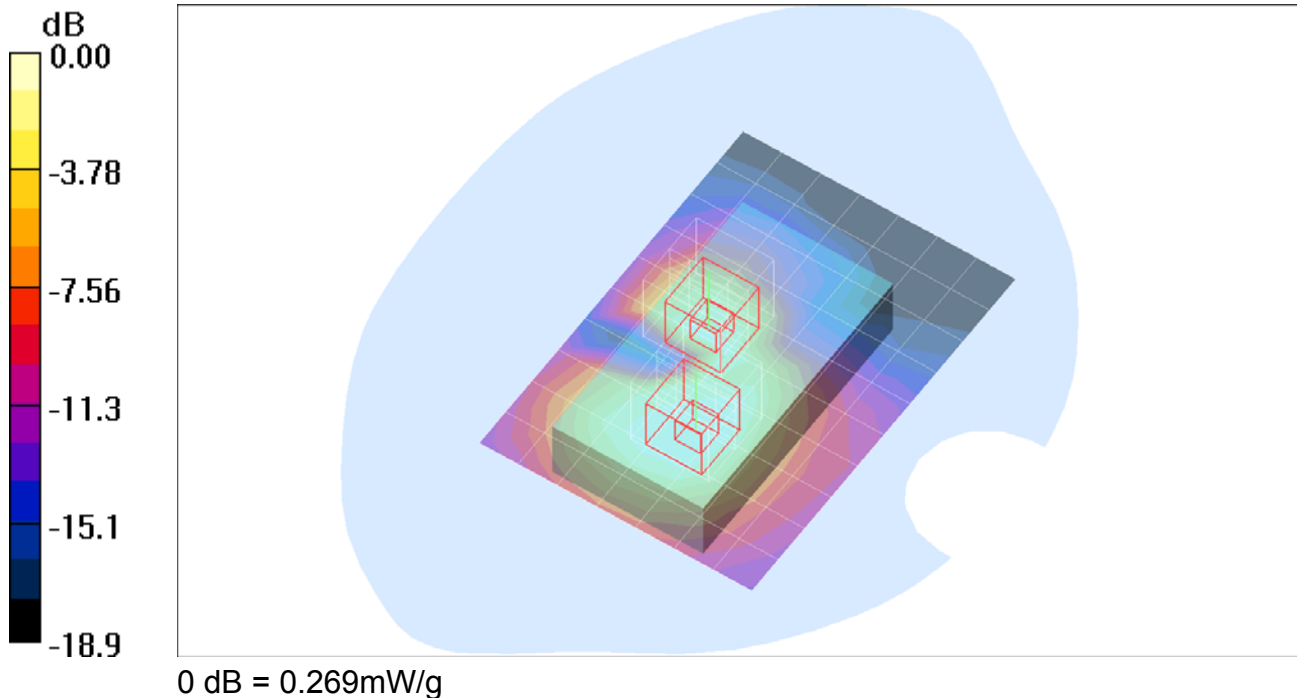
GSM only_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.269 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT5201B00017

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.666 mW/g

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

Reference Value = 18.5 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.351 mW/g

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

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

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

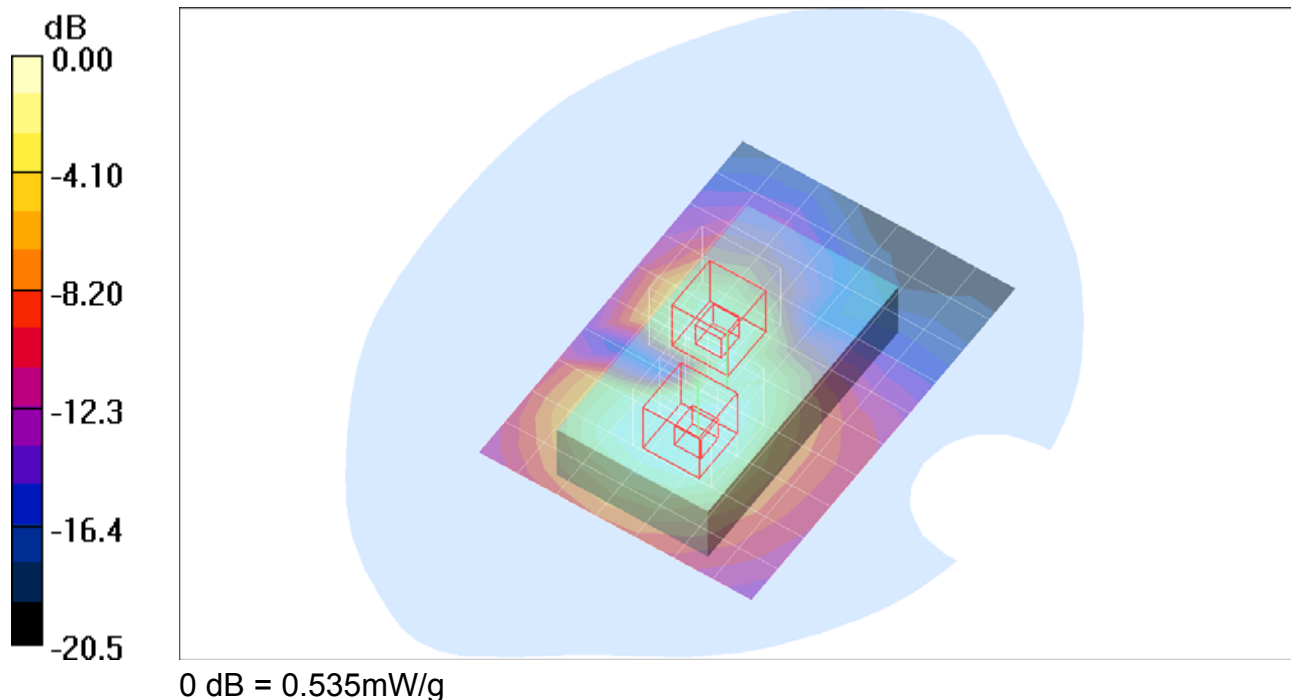
Reference Value = 18.5 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.256 mW/g

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

Maximum value of SAR (measured) = 0.535 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

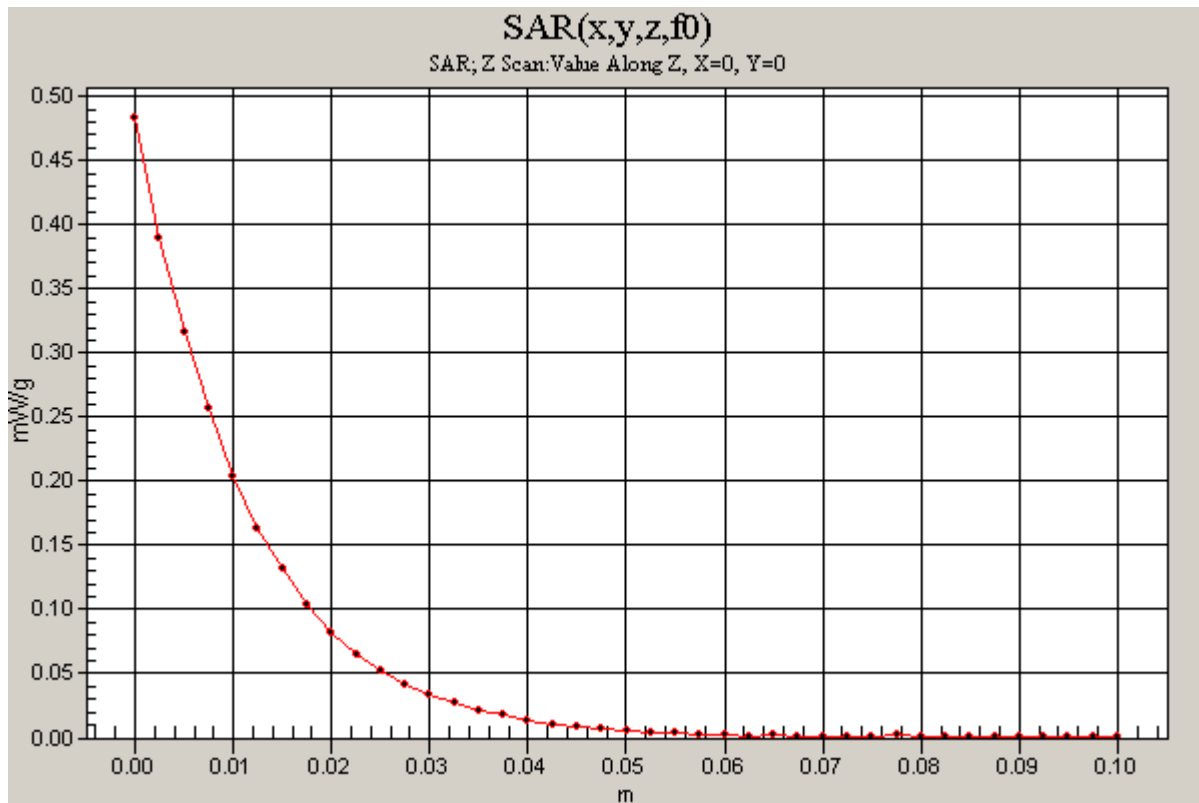
DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT5201B00017

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

GSM+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) = 0.483 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT5201B00017

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) = 0.586 mW/g

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

Reference Value = 17.3 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.634 mW/g

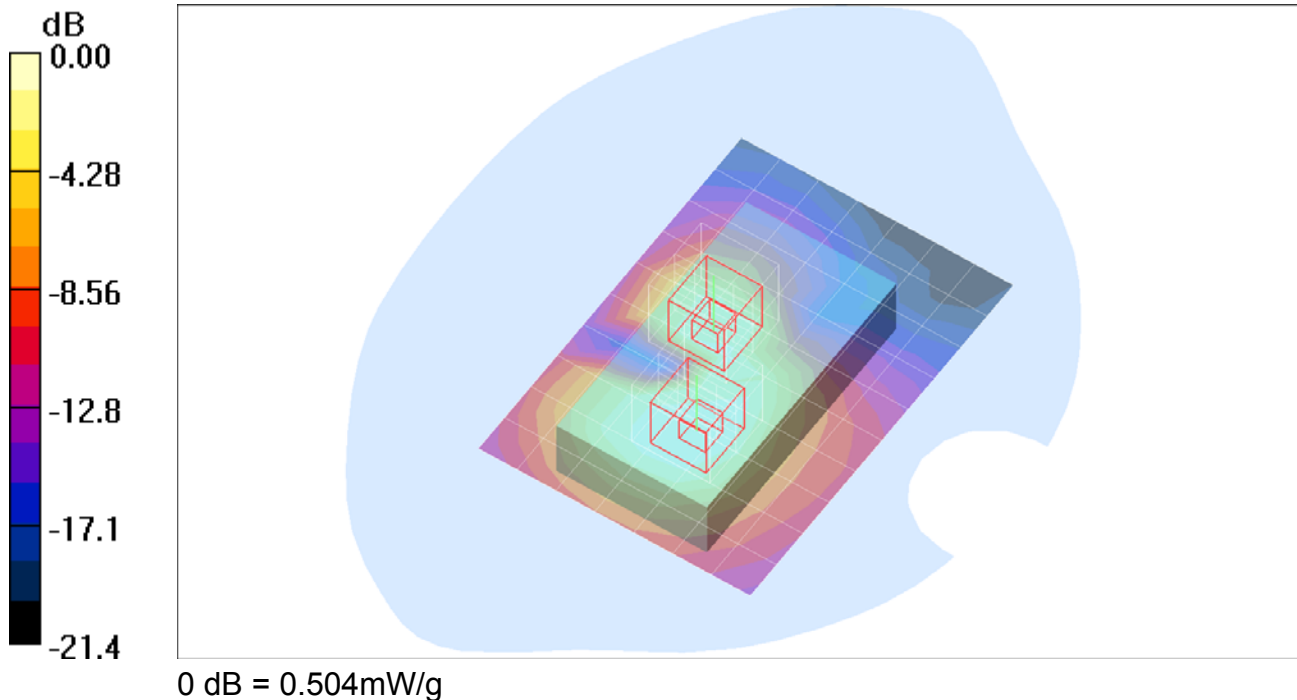
GSM+GPRS_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT5201B00017

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) = 0.553 mW/g

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

Reference Value = 16.1 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.276 mW/g

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

Maximum value of SAR (measured) = 0.588 mW/g

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

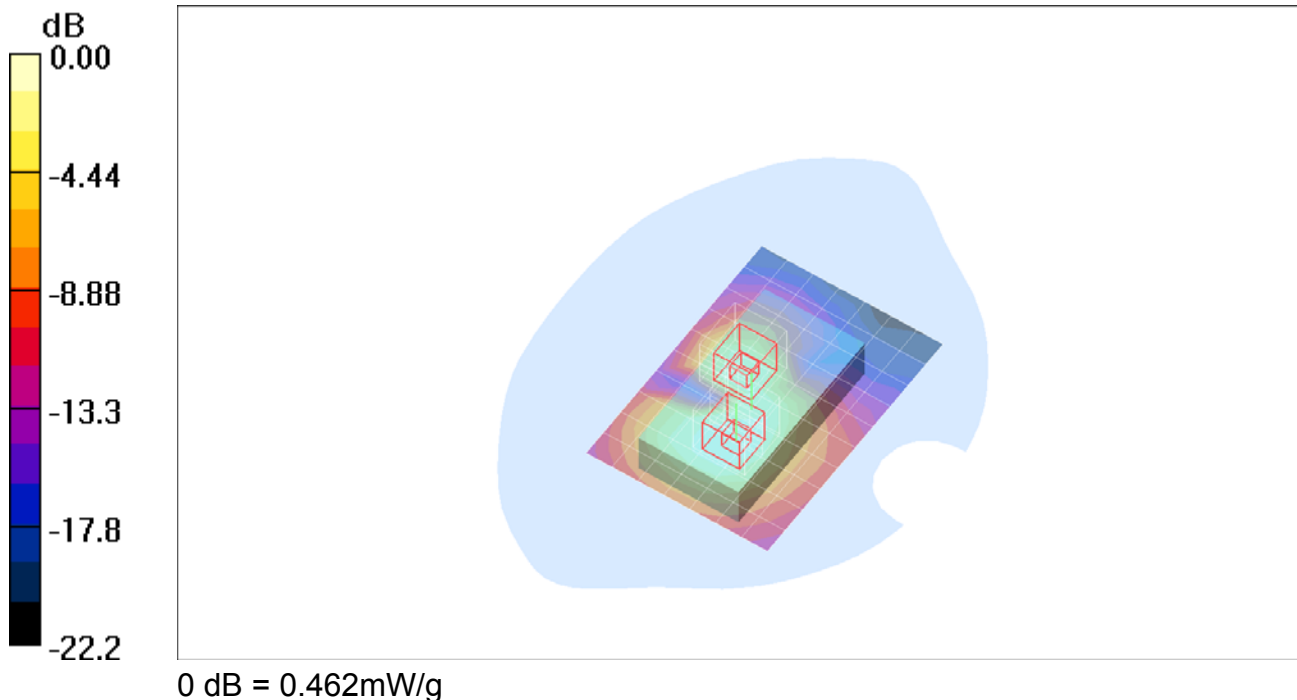
Reference Value = 16.1 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.211 mW/g

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

Maximum value of SAR (measured) = 0.462 mW/g



Test Laboratory: Compliance Certification Services

Body worn 2

DUT: High Tech Computer Corp; Type: WIZA110; Serial: HT5201B00017

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) = 0.130 mW/g

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

Reference Value = 8.72 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.138 mW/g

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

Reference Value = 8.72 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.120 mW/g

