Date/Time: 12/8/2007 3:49:01 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.905 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

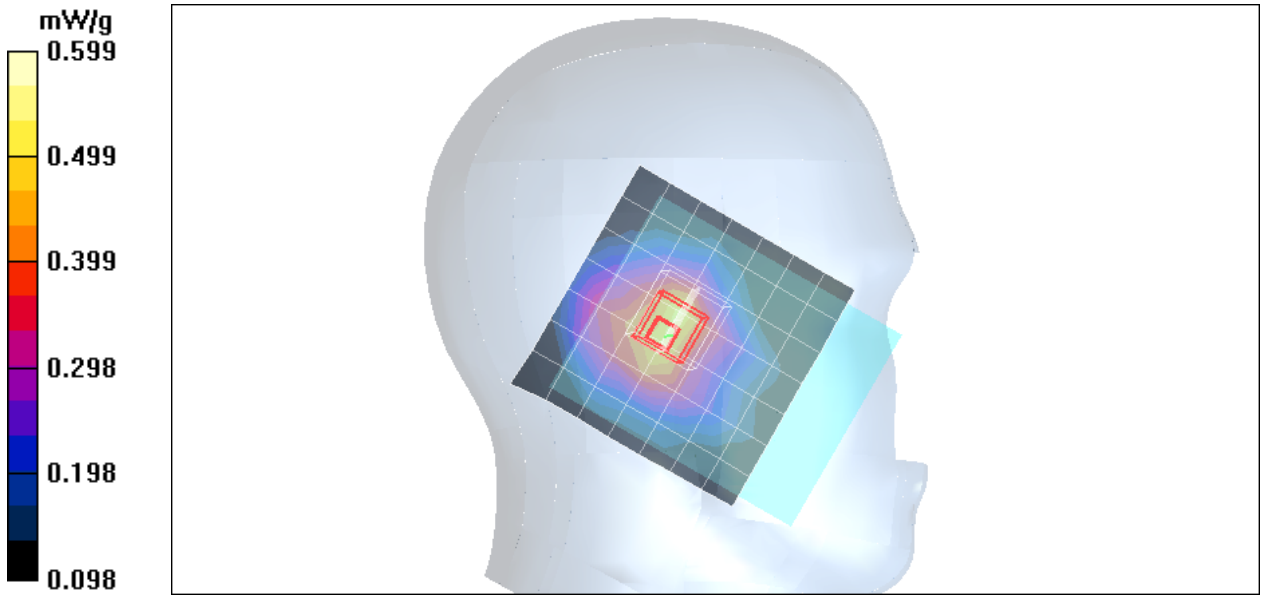
- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek High CH4233/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.516 mW/g

Left Cheek High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.533 W/kg
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.351 mW/g
Maximum value of SAR (measured) = 0.499 mW/g


mW/g
0.599
0.499
0.399
0.298
0.198
0.098

Date/Time: 12/8/2007 4:14:03 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.886 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Low CH4132/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

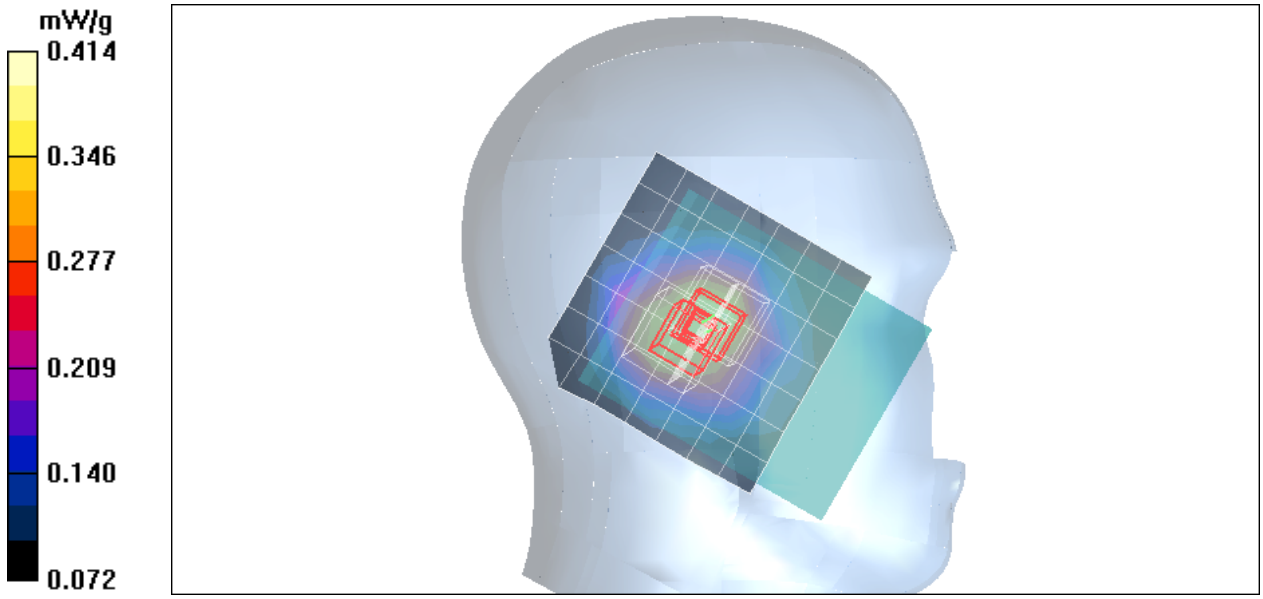
Maximum value of SAR (measured) = 0.374 mW/g

Left Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.448 W/kg
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.414 mW/g

Left Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.408 mW/g


mW/g
0.414
0.346
0.277
0.209
0.140
0.072

Date/Time: 12/8/2007 4:38:56 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

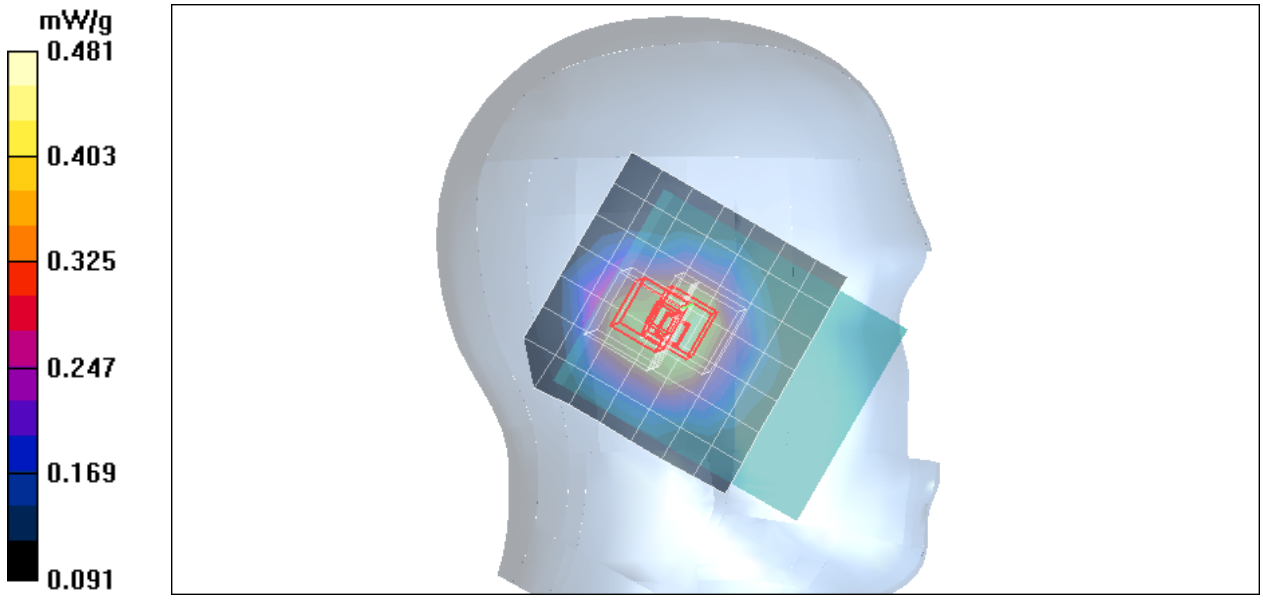
DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Middle CH4183/Area Scan (8x8x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.451 mW/g

Left Tilted Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.481 mW/g

Left Tilted Middle CH4183/Zoom Scan (5x5x7)/Cube 1: Measurement
grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.496 mW/g


mW/g
0.481
0.403
0.325
0.247
0.169
0.091

Date/Time: 12/8/2007 4:53:26 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.905 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

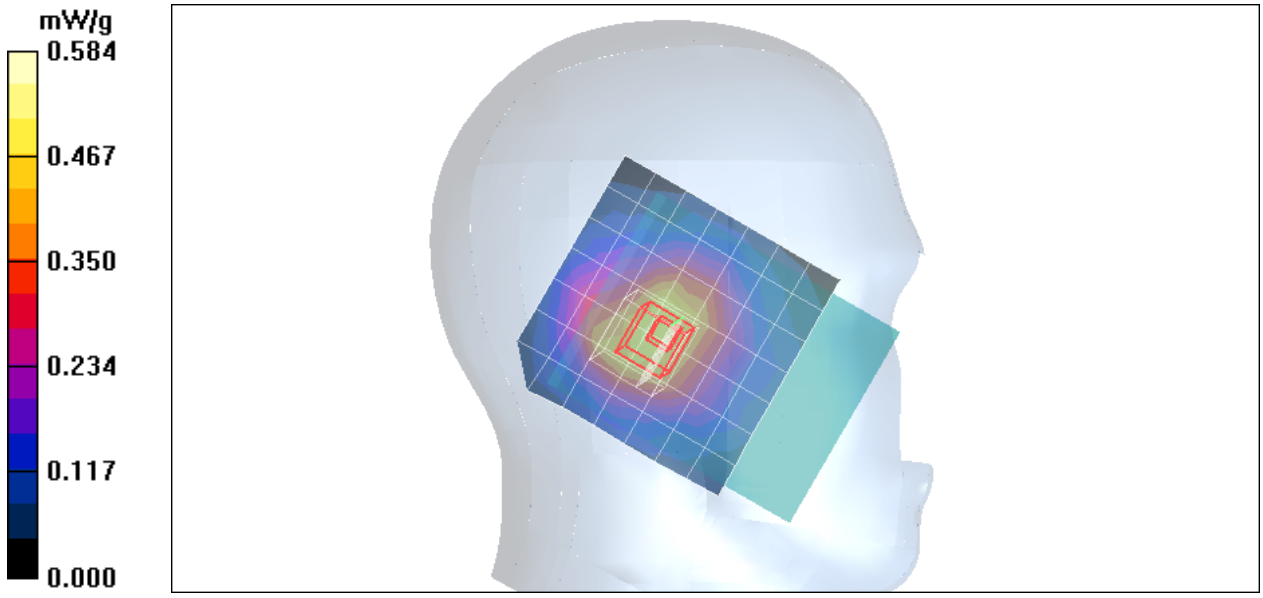
- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted High CH4233/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.484 mW/g

Left Tilted High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.0 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.329 mW/g
Maximum value of SAR (measured) = 0.551 mW/g


mW/g
0.584
0.467
0.350
0.234
0.117
0.000

Date/Time: 12/8/2007 5:19:20 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.907 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Low CH4132/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

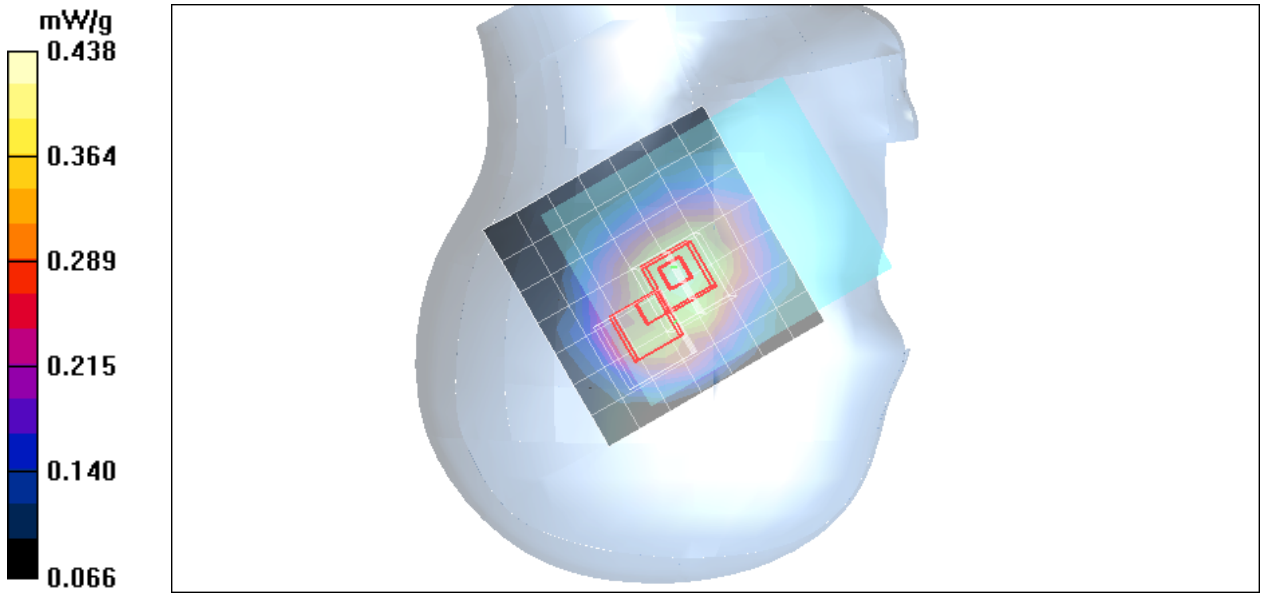
Maximum value of SAR (measured) = 0.423 mW/g

Right Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.438 mW/g

Right Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.410 W/kg
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (measured) = 0.382 mW/g


mW/g
0.438
0.364
0.289
0.215
0.140
0.066

Date/Time: 12/8/2007 5:45:45 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.917 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Middle CH4183/Area Scan (8x8x1): Measurement grid:

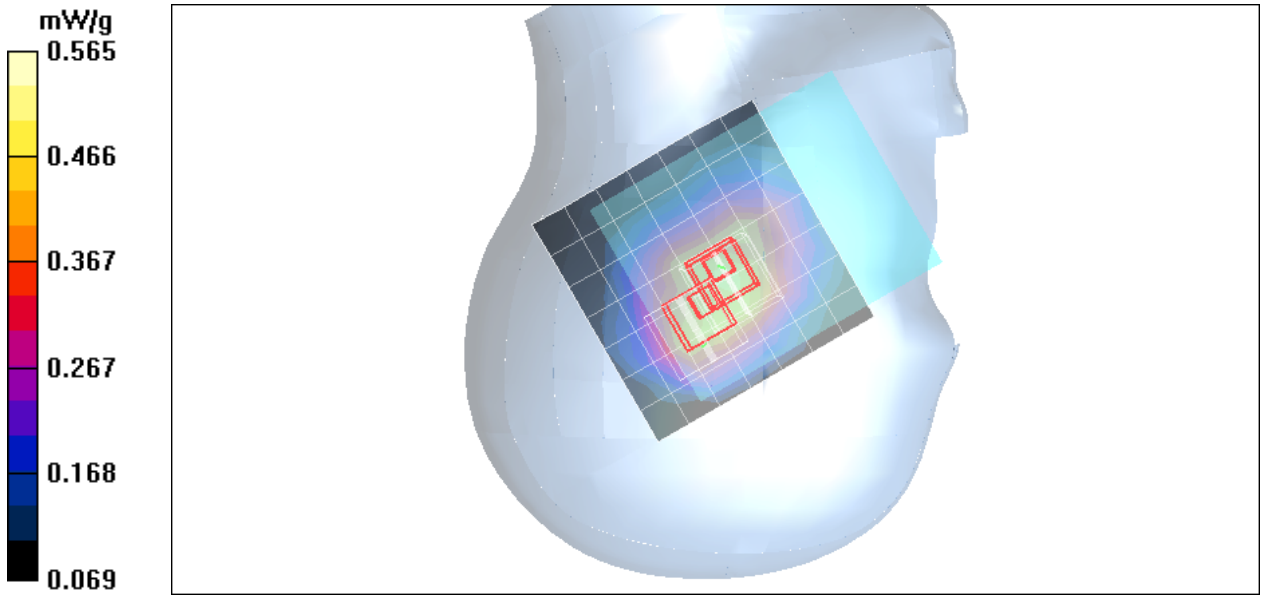
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.501 mW/g

Right Cheek Middle CH4183/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.515 mW/g

Right Cheek Middle CH4183/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.548 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.502 mW/g


mW/g
0.565
0.466
0.367
0.267
0.168
0.069

Date/Time: 12/7/2007 6:16:48 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.926 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek High CH4233/Area Scan (8x8x1): Measurement grid:

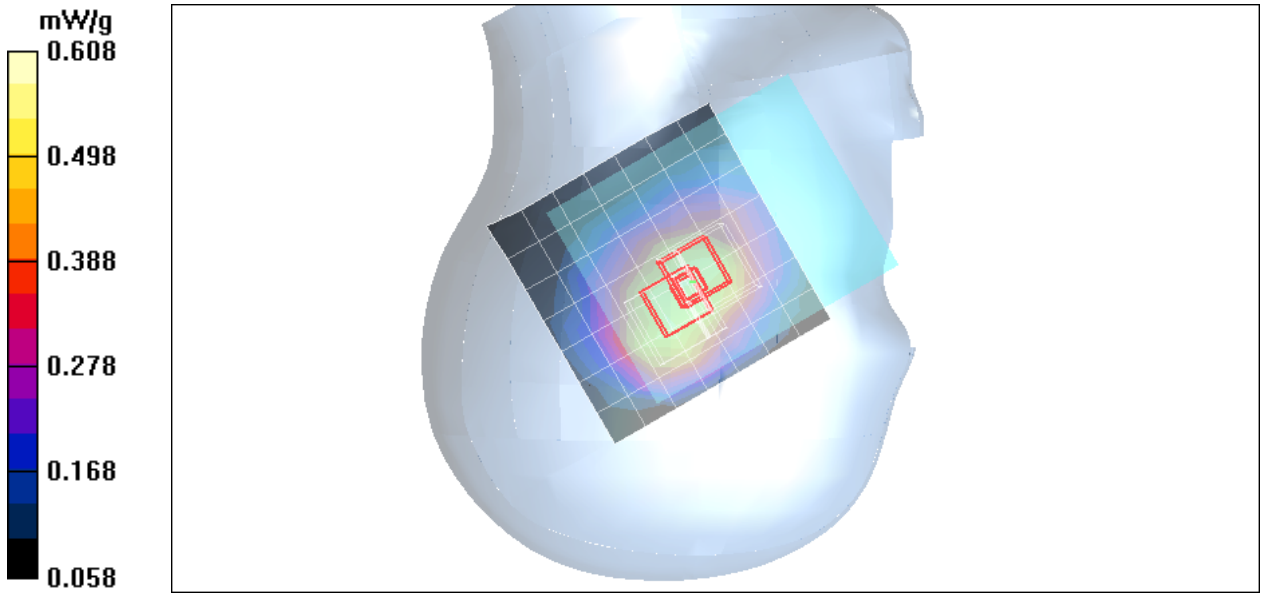
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.543 mW/g

Right Cheek High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.6 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.360 mW/g
Maximum value of SAR (measured) = 0.558 mW/g

Right Cheek High CH4233/Zoom Scan (5x5x7)/Cube 1: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.6 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.555 mW/g


mW/g
0.608
0.498
0.388
0.278
0.168
0.058

Date/Time: 12/8/2007 6:44:51 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.907 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

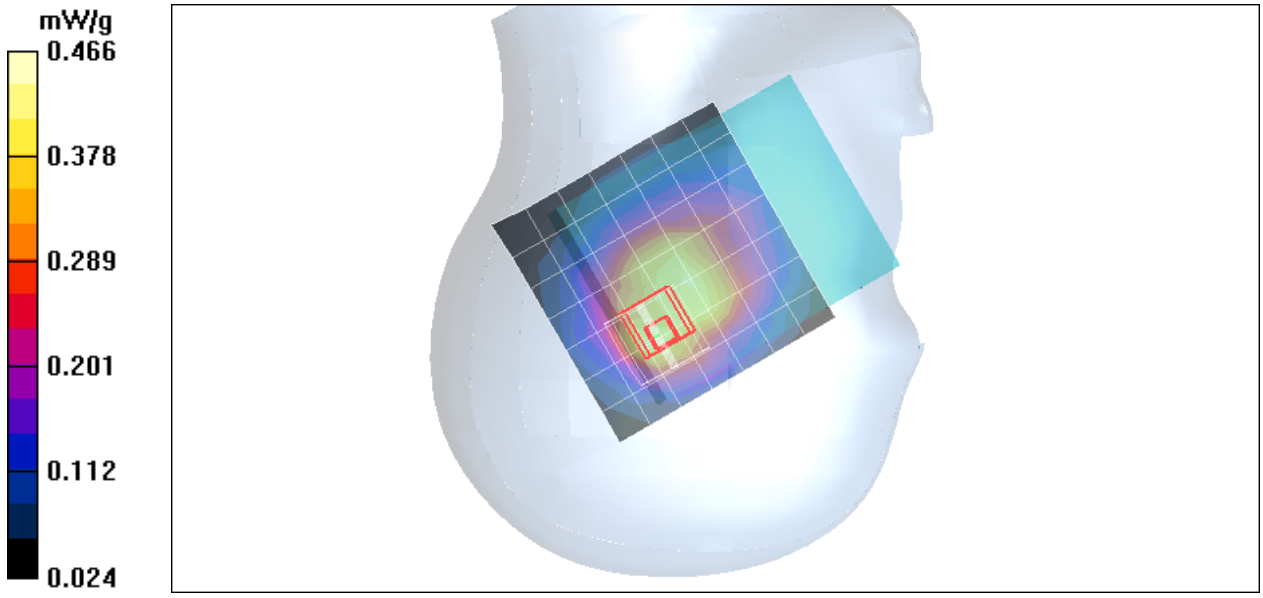
- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Low CH4132/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.433 mW/g

Right Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.466 mW/g


mW/g
0.466
0.378
0.289
0.201
0.112
0.024

Date/Time: 12/8/2007 7:13:27 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.917 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

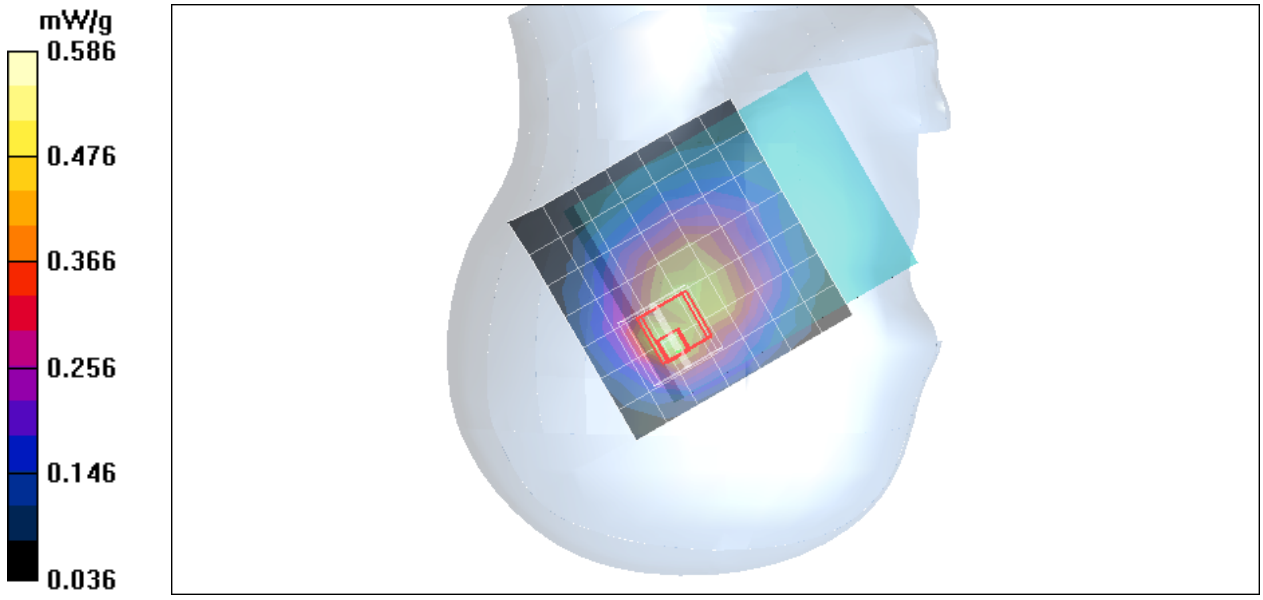
- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Middle CH4183/Area Scan (8x8x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.528 mW/g

Right Tilted Middle CH4183/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.2 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.536 mW/g


mW/g
0.586
0.476
0.366
0.256
0.146
0.036

Date/Time: 12/8/2007 7:41:18 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.926 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

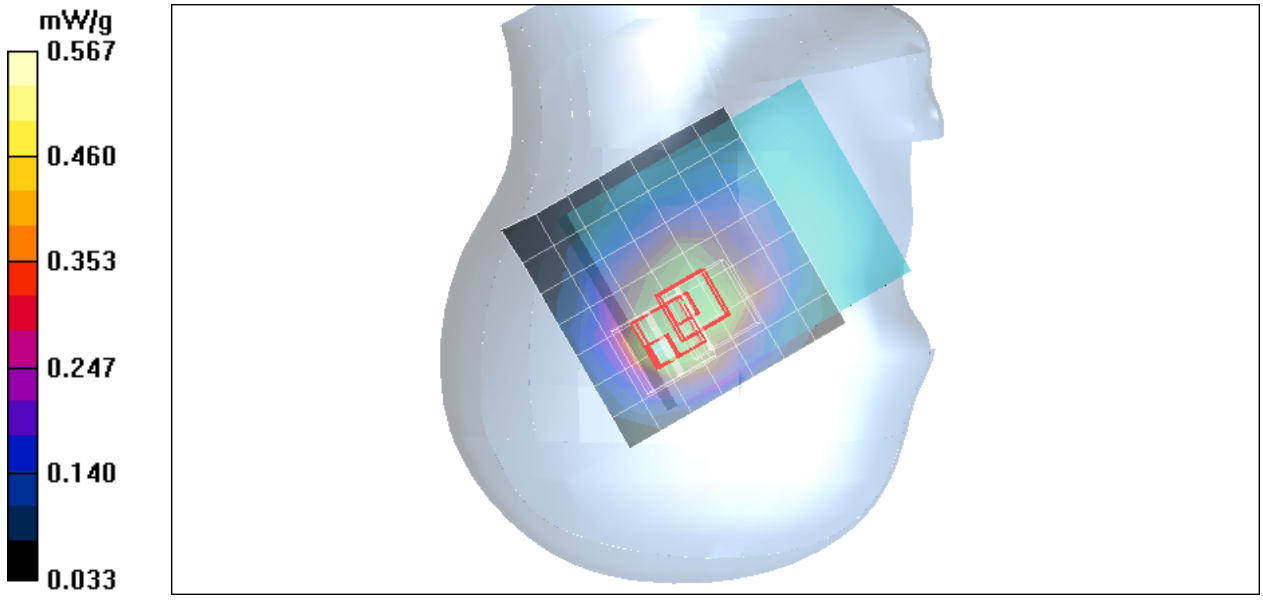
DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted High CH4233/Area Scan (8x8x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.567 mW/g

Right Tilted High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.673 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.326 mW/g
Maximum value of SAR (measured) = 0.542 mW/g

Right Tilted High CH4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.534 mW/g


mW/g
0.567
0.460
0.353
0.247
0.140
0.033

Date/Time: 11/30/2007 3:56:53 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

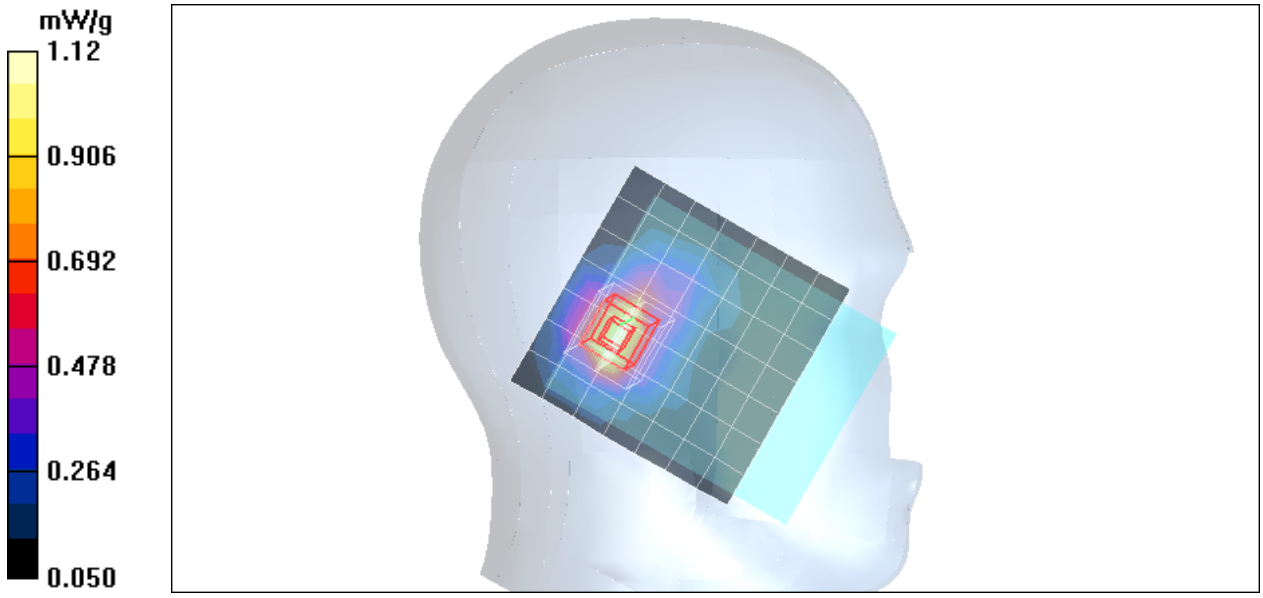
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Low CH9262/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.05 mW/g

Left Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.572 mW/g
Maximum value of SAR (measured) = 1.12 mW/g


mW/g
1.12
0.906
0.692
0.478
0.264
0.050

Date/Time: 11/30/2007 4:20:58 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

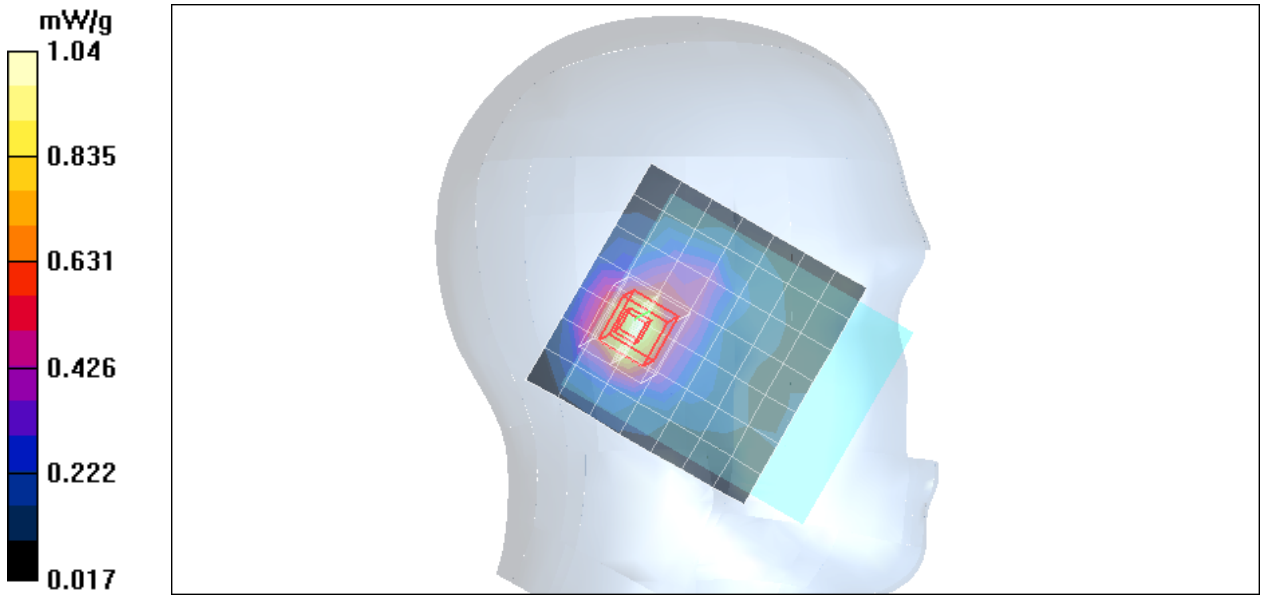
Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle CH9400/Area Scan (8x8x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.04 mW/g

Left Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.596 mW/g
Maximum value of SAR (measured) = 1.16 mW/g


mW/g
1.04
0.835
0.631
0.426
0.222
0.017

Date/Time: 11/30/2007 4:42:31 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.44 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

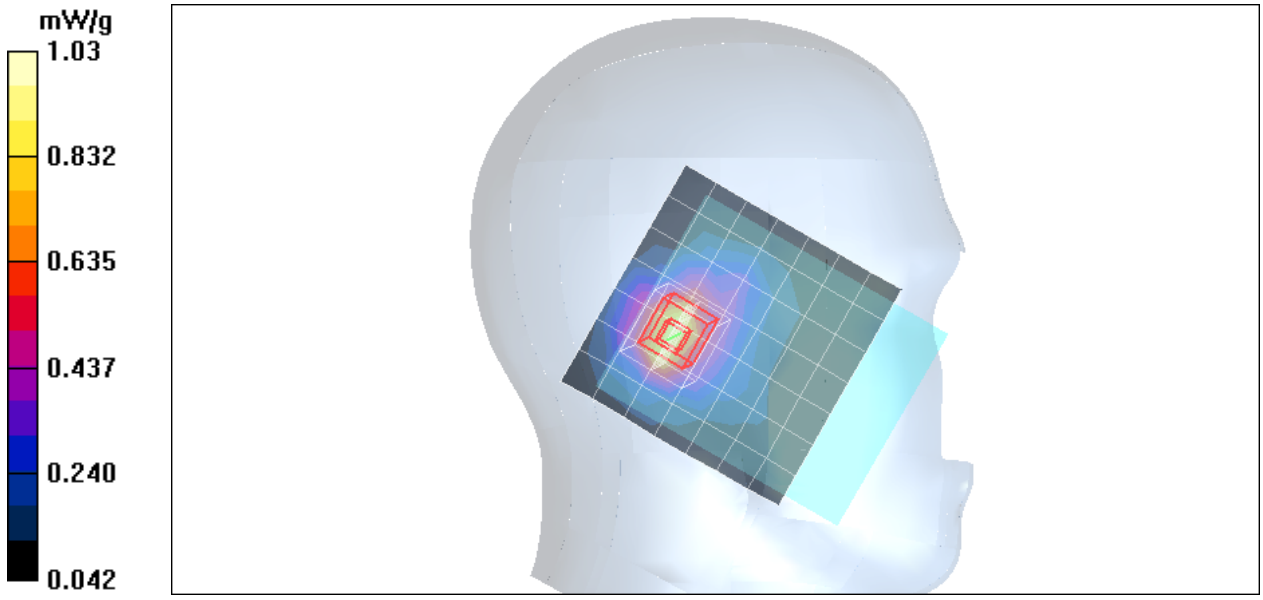
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek High CH9538/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.919 mW/g

Left Cheek High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 1.03 mW/g


mW/g
1.03
0.832
0.635
0.437
0.240
0.042

Date/Time: 11/30/2007 5:24:20 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

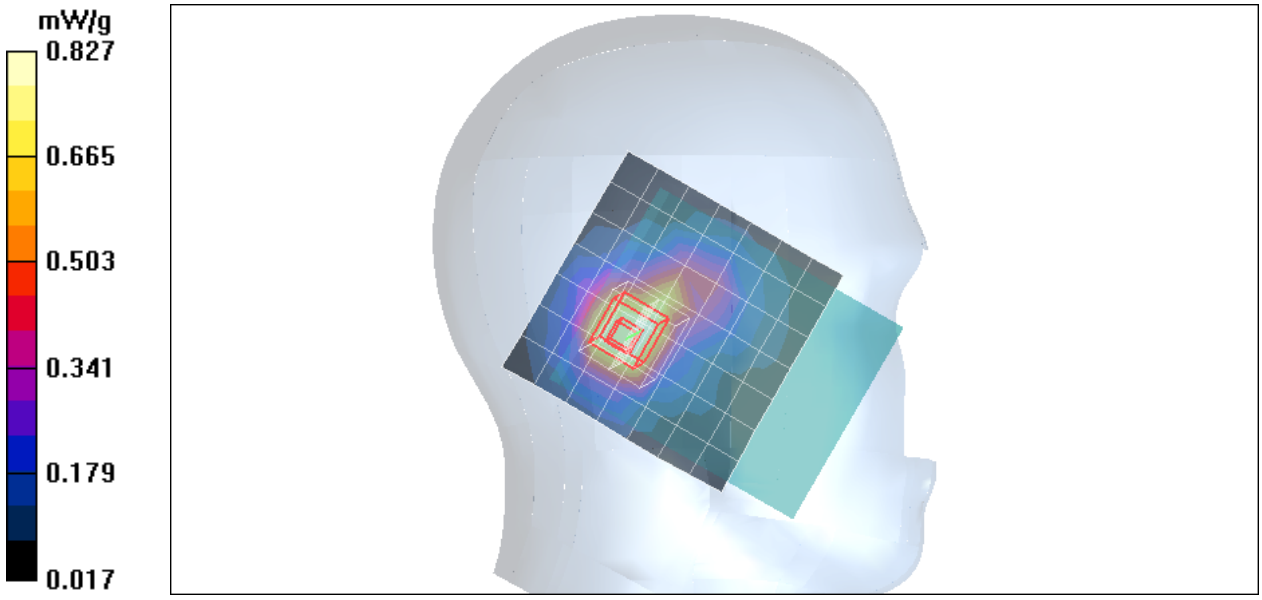
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Low CH9262/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

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

Left Tilted Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 1.09 mW/g


mW/g
0.827
0.665
0.503
0.341
0.179
0.017

Date/Time: 11/30/2007 5:52:06 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

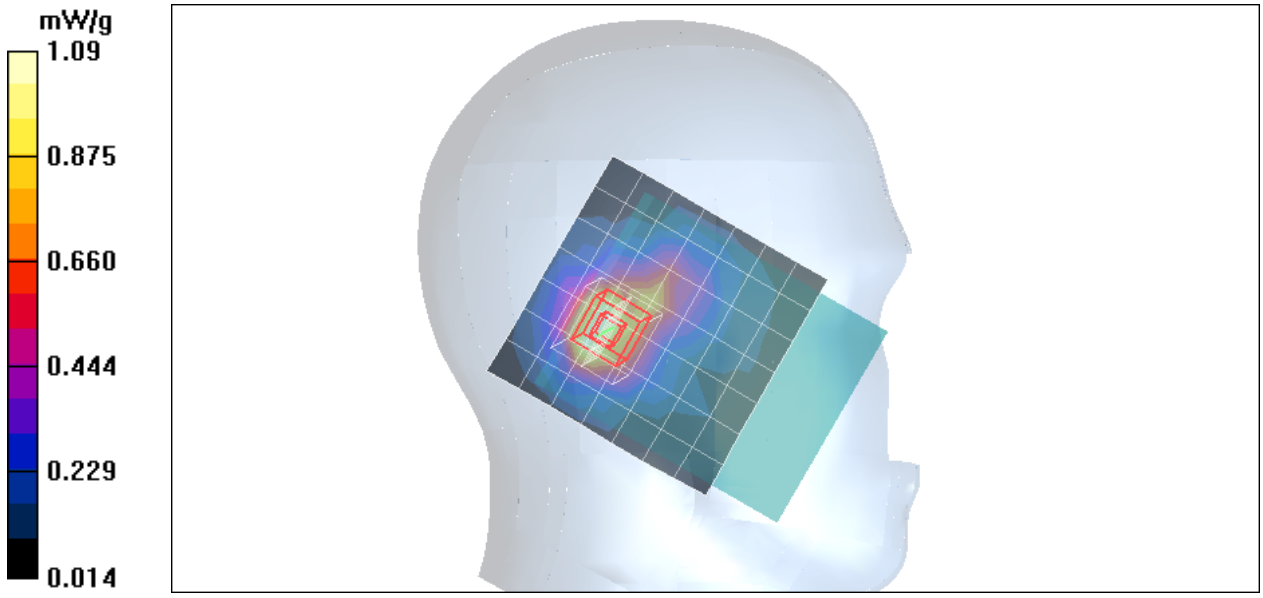
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Middle CH9400/Area Scan (8x8x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.09 mW/g

Left Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.32 mW/g


mW/g
1.09
0.875
0.660
0.444
0.229
0.014

Date/Time: 11/30/2007 6:35:29 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Left Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.44 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Phantom section: Left Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

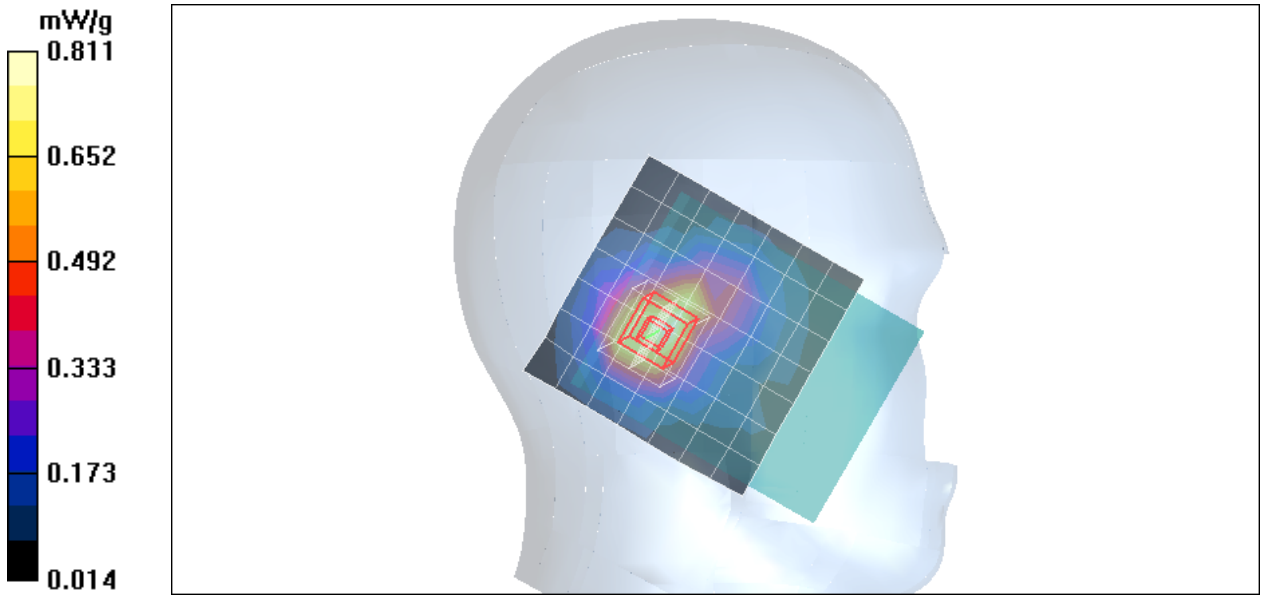
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted High CH9538/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.811 mW/g

Left Tilted High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 0.979 mW/g


mW/g
0.811
0.652
0.492
0.333
0.173
0.014

Date/Time: 11/30/2007 7:10:13 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

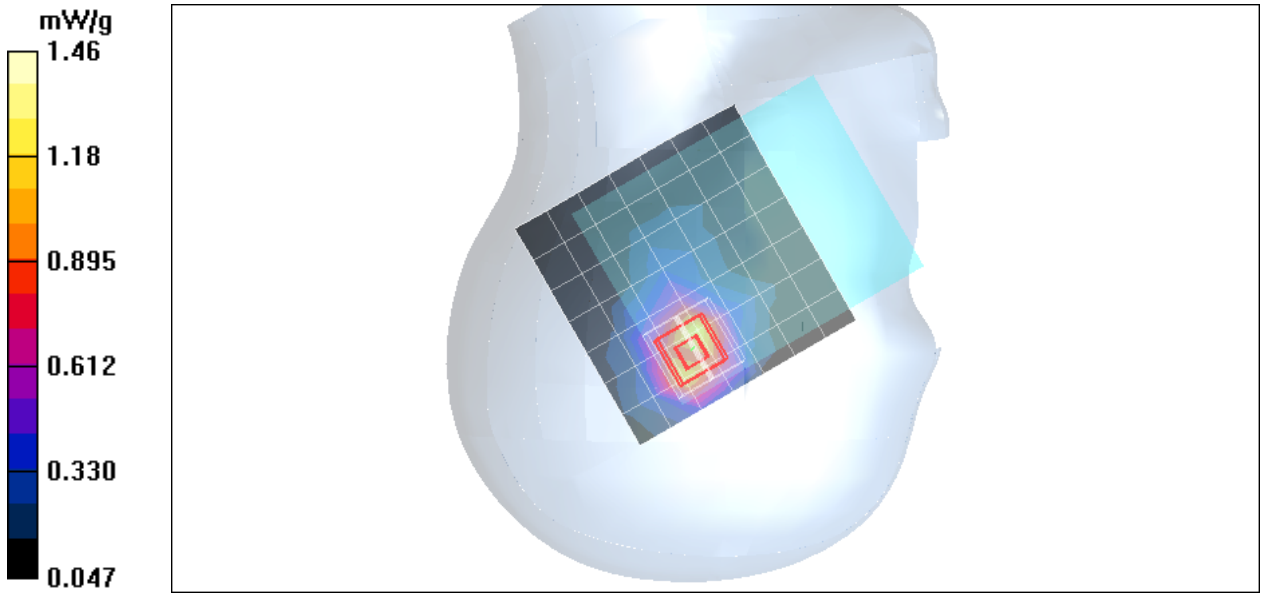
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Low CH9262/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

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

Right Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.729 mW/g
Maximum value of SAR (measured) = 1.46 mW/g


mW/g
1.46
1.18
0.895
0.612
0.330
0.047

Date/Time: 11/30/2007 7:41:00 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

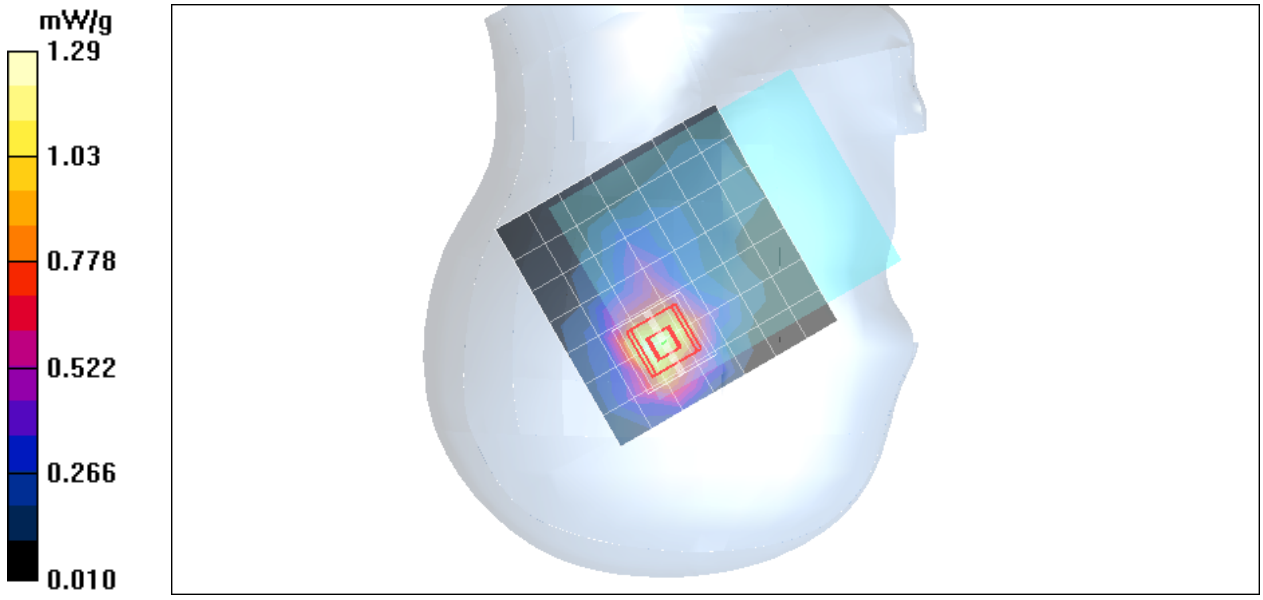
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Middle CH9400/Area Scan (8x8x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.29 mW/g

Right Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.350 mW/g; SAR(10 g) = 0.763 mW/g
Maximum value of SAR (measured) = 1.70 mW/g


mW/g
1.29
1.03
0.778
0.522
0.266
0.010

Date/Time: 11/30/2007 8:09:35 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

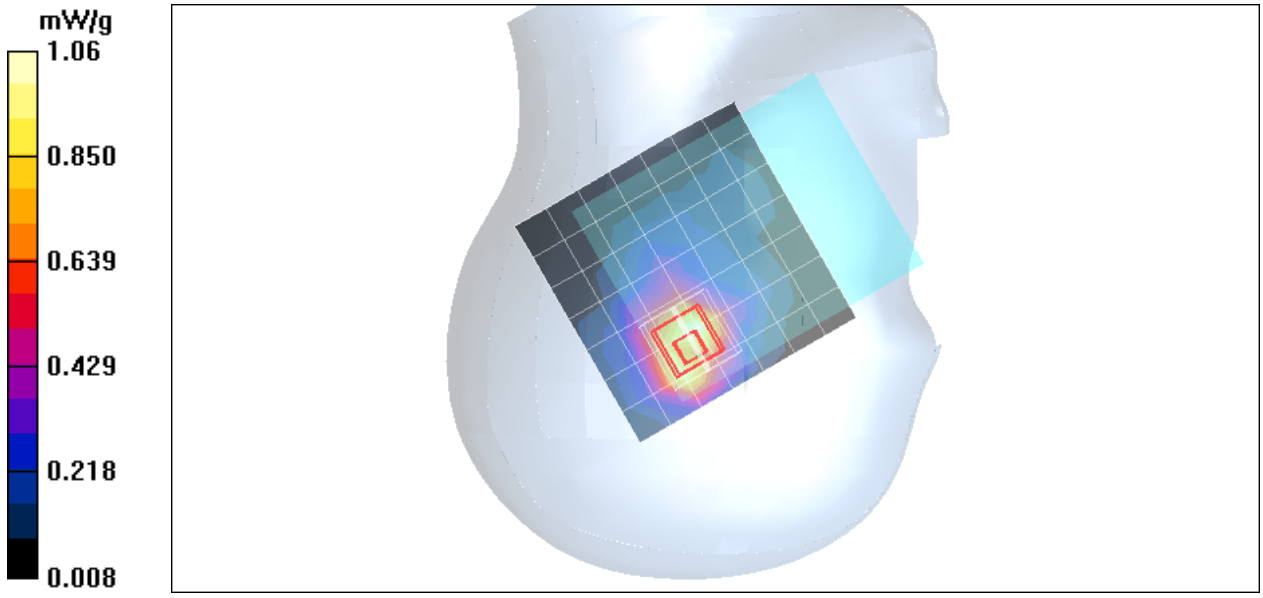
Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.44 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek High CH9538/Area Scan (8x8x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 mW/g

Right Cheek High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.626 mW/g
Maximum value of SAR (measured) = 1.32 mW/g


mW/g
1.06
0.850
0.639
0.429
0.218
0.008

Date/Time: 11/30/2007 8:37:05 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

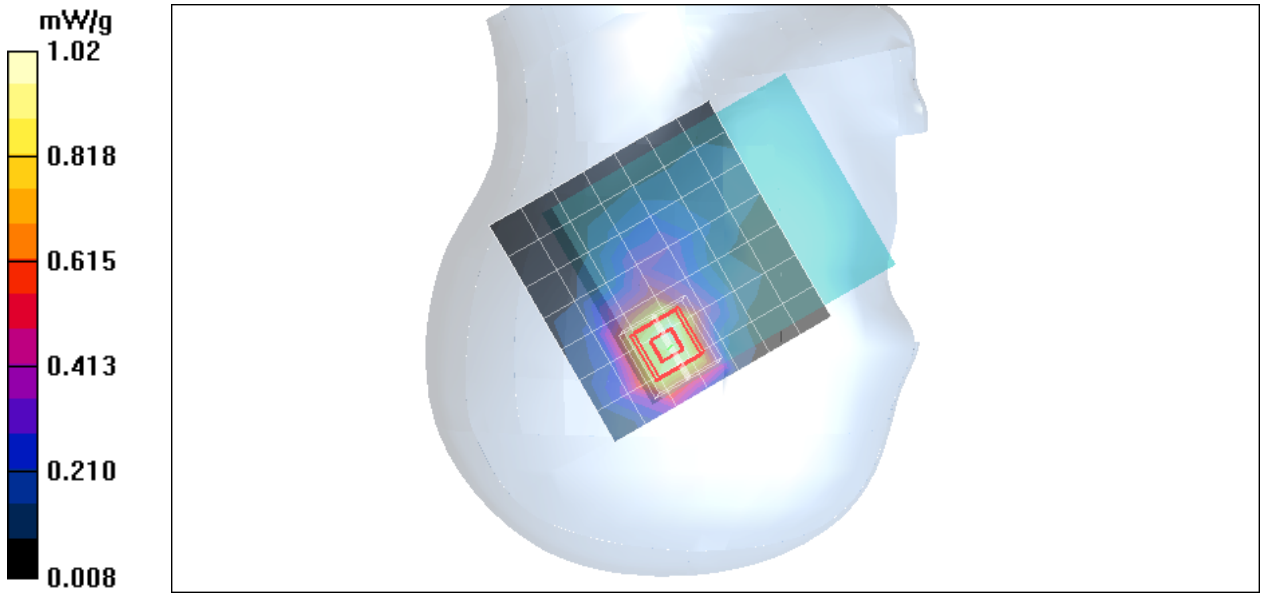
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Low CH9262/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

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

Right Tilted Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.697 mW/g
Maximum value of SAR (measured) = 1.66 mW/g


mW/g
1.02
0.818
0.615
0.413
0.210
0.008

Date/Time: 11/30/2007 9:04:12 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

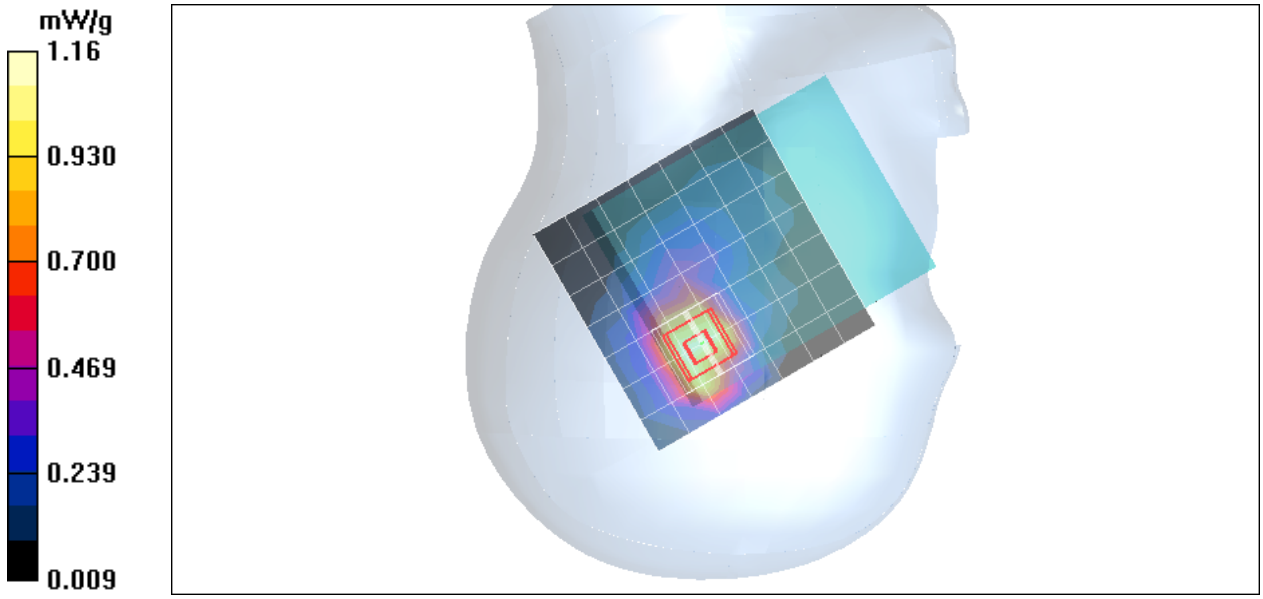
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Middle CH9400/Area Scan (8x8x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.16 mW/g

Right Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (measured) = 1.69 mW/g


mW/g
1.16
0.930
0.700
0.469
0.239
0.009

Date/Time: 11/30/2007 9:42:55 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

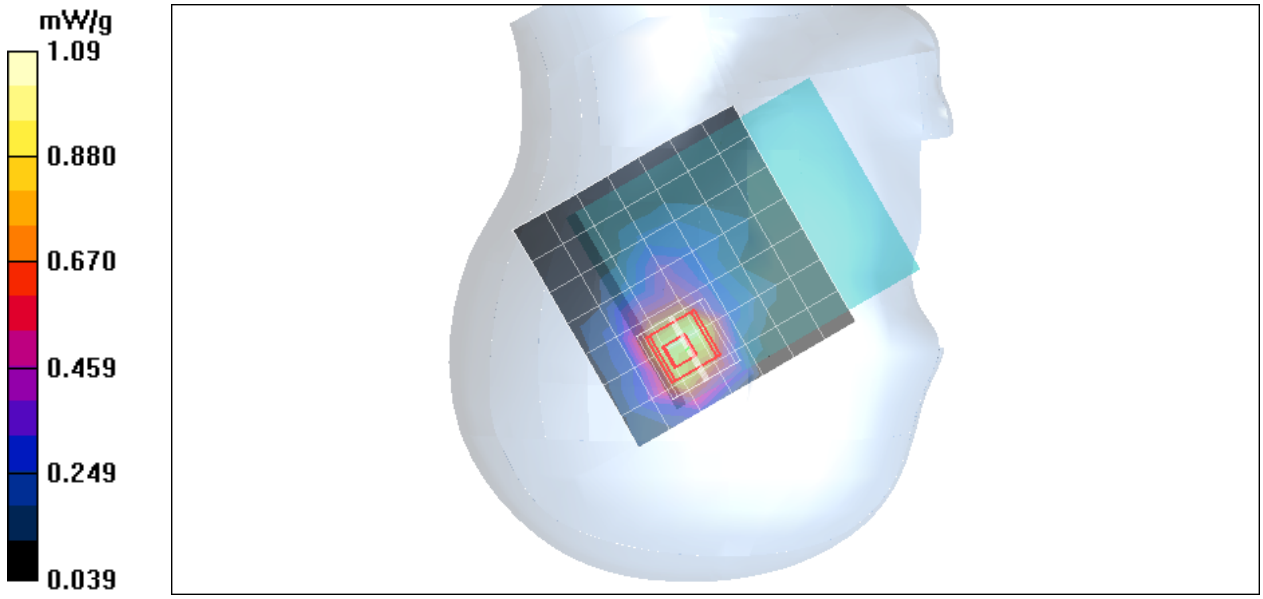
Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.44 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted High CH9538/Area Scan (8x8x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.996 mW/g

Right Tilted High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.4 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.559 mW/g
Maximum value of SAR (measured) = 1.09 mW/g


mW/g
1.09
0.880
0.670
0.459
0.249
0.039

Date/Time: 11/30/2007 10:09:34 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

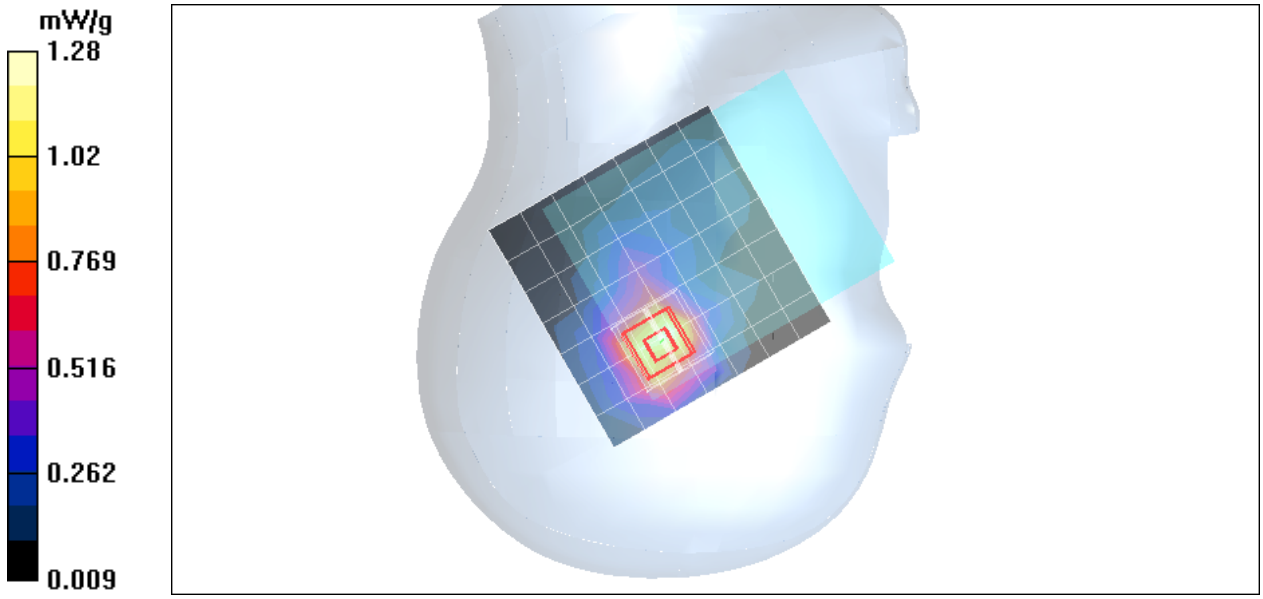
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+Right Cheek Middle CH9400/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.28 mW/g

co-Location 802.11b+BT+Right Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.290 mW/g; SAR(10 g) = 0.738 mW/g
Maximum value of SAR (measured) = 1.58 mW/g


mW/g
1.28
1.02
0.769
0.516
0.262
0.009

Date/Time: 11/30/2007 10:45:04 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Right Head ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

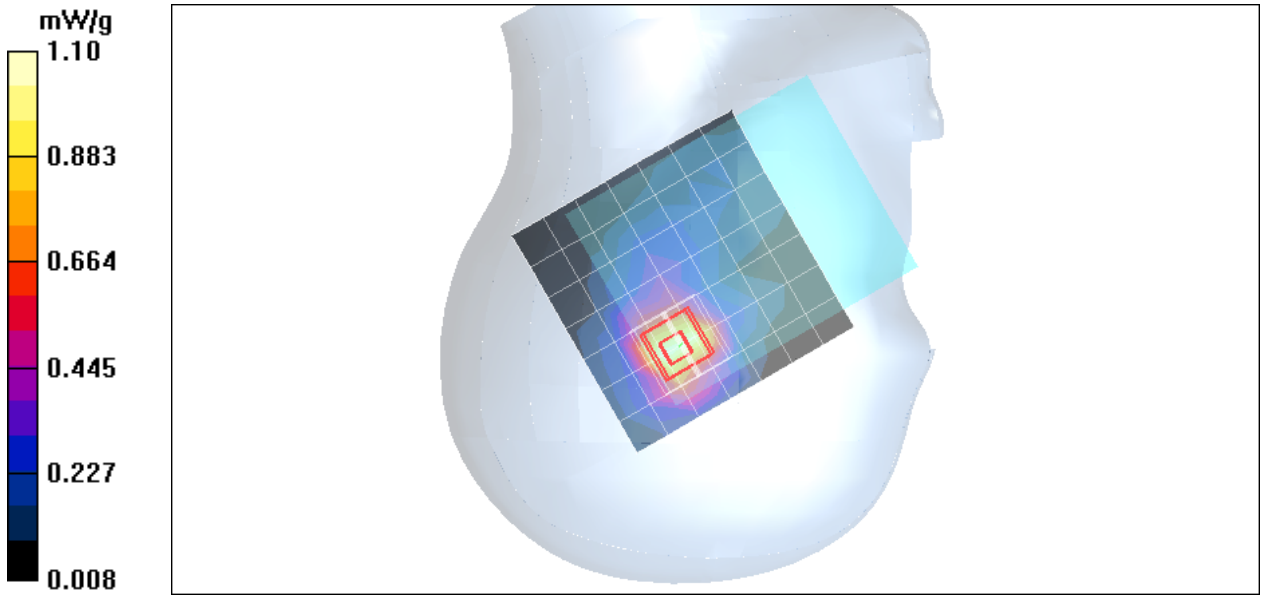
- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+Right Cheek Middle CH9400/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.10 mW/g

co-Location 802.11g+BT+Right Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.677 mW/g
Maximum value of SAR (measured) = 1.51 mW/g


mW/g
1.10
0.883
0.664
0.445
0.227
0.008

Date/Time: 12/6/2007 10:02:59 AM

Test Laboratory: Compliance Certification Services Inc.

GSM 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

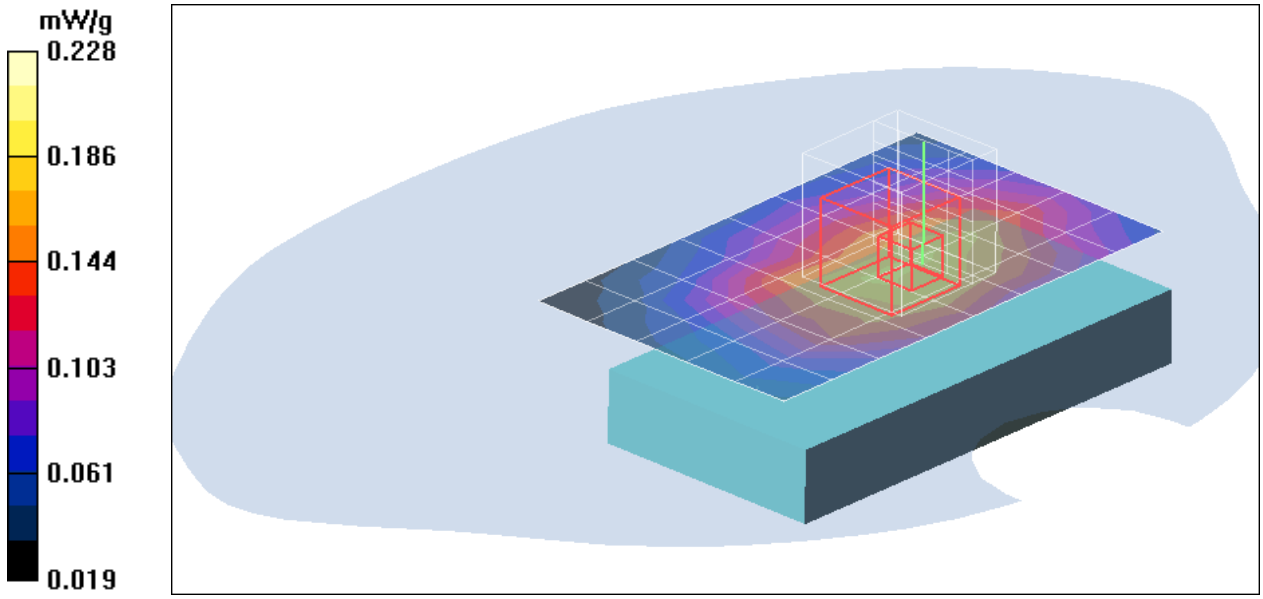
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Up Middle CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.178 mW/g

GSM Body Face Up Middle CH190/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.177 mW/g


mW/g
0.228
0.186
0.144
0.103
0.061
0.019

Date/Time: 12/6/2007 10:26:16 AM

Test Laboratory: Compliance Certification Services Inc.

GSM 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

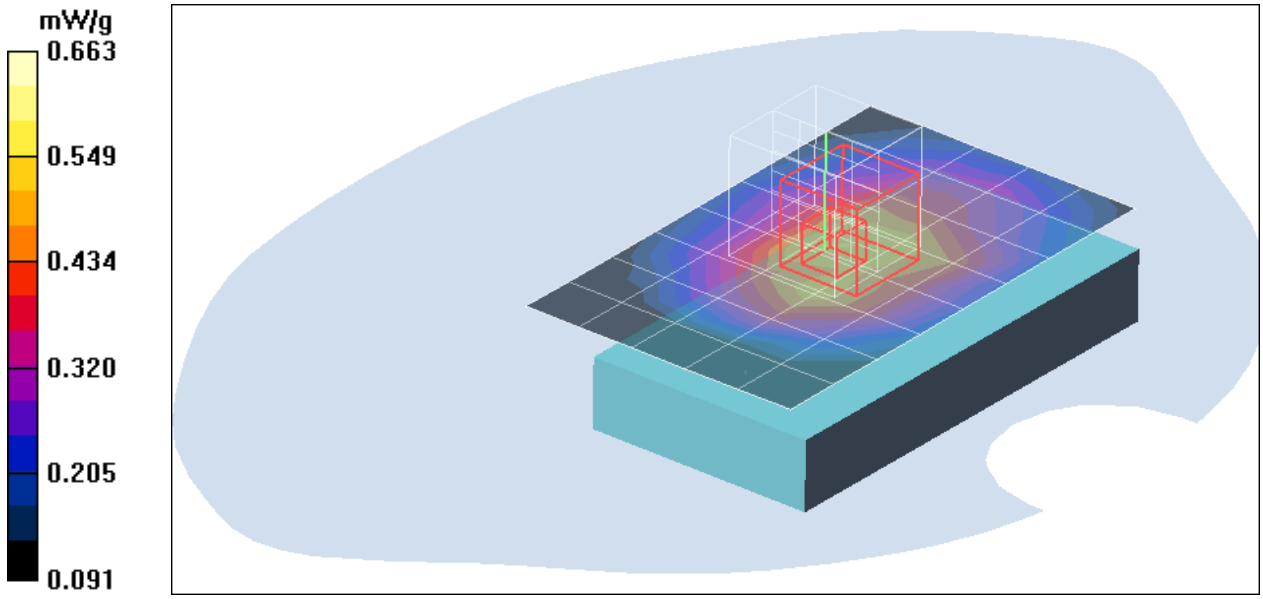
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.911 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down Low CH128/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.518 mW/g

GSM Body Face Down Low CH128/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.9 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 0.599 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.389 mW/g
Maximum value of SAR (measured) = 0.563 mW/g


mW/g
0.663
0.549
0.434
0.320
0.205
0.091

Date/Time: 12/6/2007 10:58:28 AM

Test Laboratory: Compliance Certification Services Inc.

GSM 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down Middle CH190/Area Scan (6x9x1):

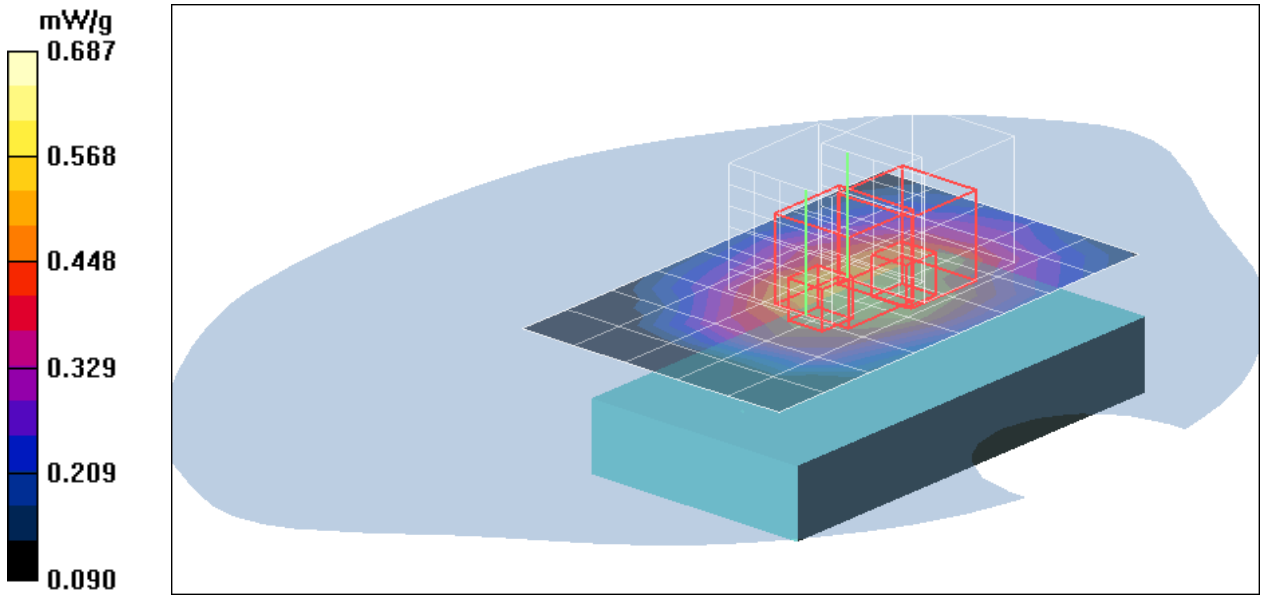
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.558 mW/g

GSM Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.587 mW/g

GSM Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.391 mW/g
Maximum value of SAR (measured) = 0.584 mW/g


mW/g
0.687
0.568
0.448
0.329
0.209
0.090

Date/Time: 12/6/2007 11:19:50 AM

Test Laboratory: Compliance Certification Services Inc.

GSM 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.933 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down High CH251/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

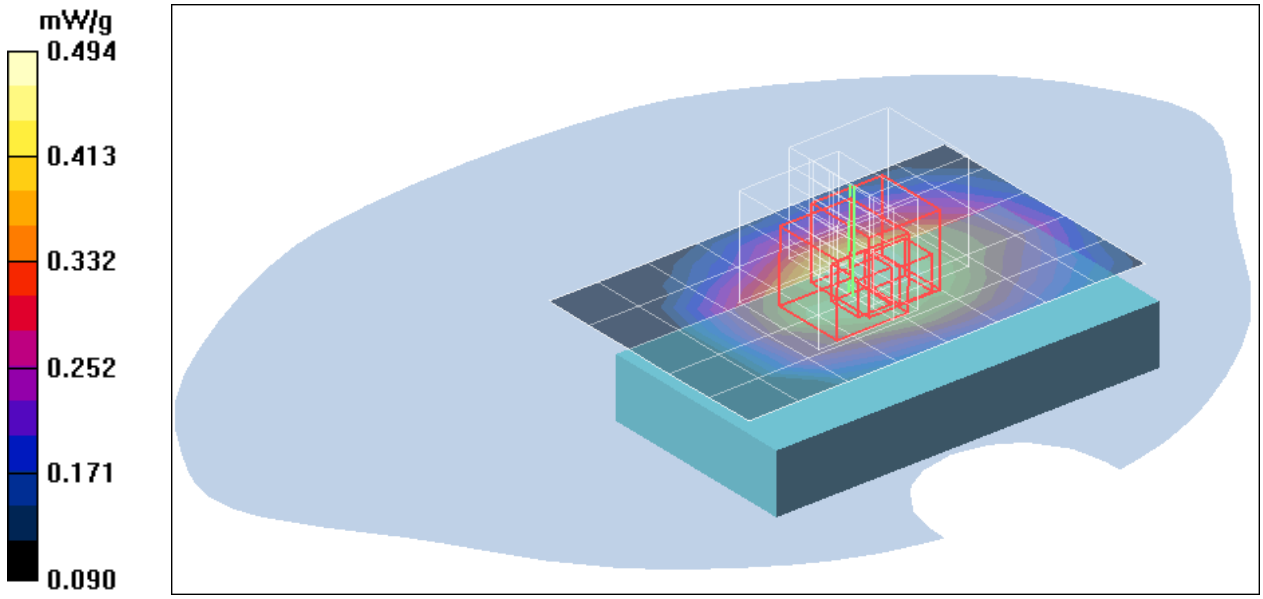
Maximum value of SAR (measured) = 0.460 mW/g

GSM Body Face Down High CH251/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.329 mW/g
Maximum value of SAR (measured) = 0.494 mW/g

GSM Body Face Down High CH251/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.494 mW/g


mW/g
0.494
0.413
0.332
0.252
0.171
0.090

Date/Time: 12/6/2007 11:43:24 AM

Test Laboratory: Compliance Certification Services Inc.

GSM 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

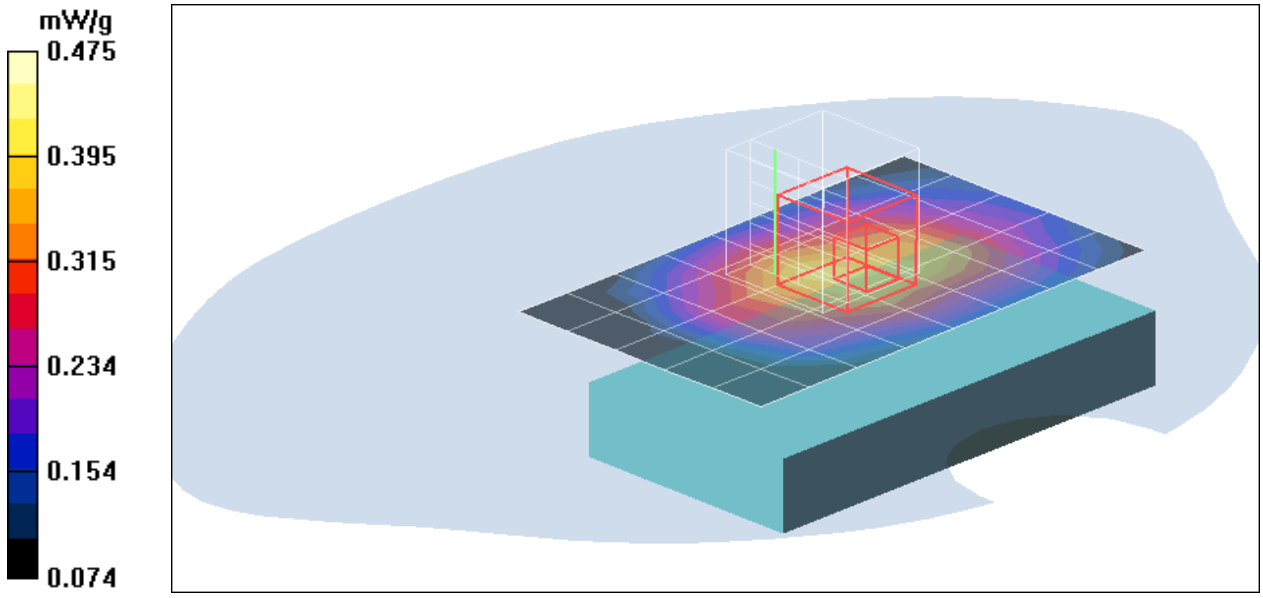
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+GSM Body Face Down Middle CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

co-Location 802.11b+BT+GSM Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.157 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.285 mW/g
Maximum value of SAR (measured) = 0.425 mW/g


mW/g
0.475
0.395
0.315
0.234
0.154
0.074

Date/Time: 12/6/2007 12:09:15 PM

Test Laboratory: Compliance Certification Services Inc.

GSM 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

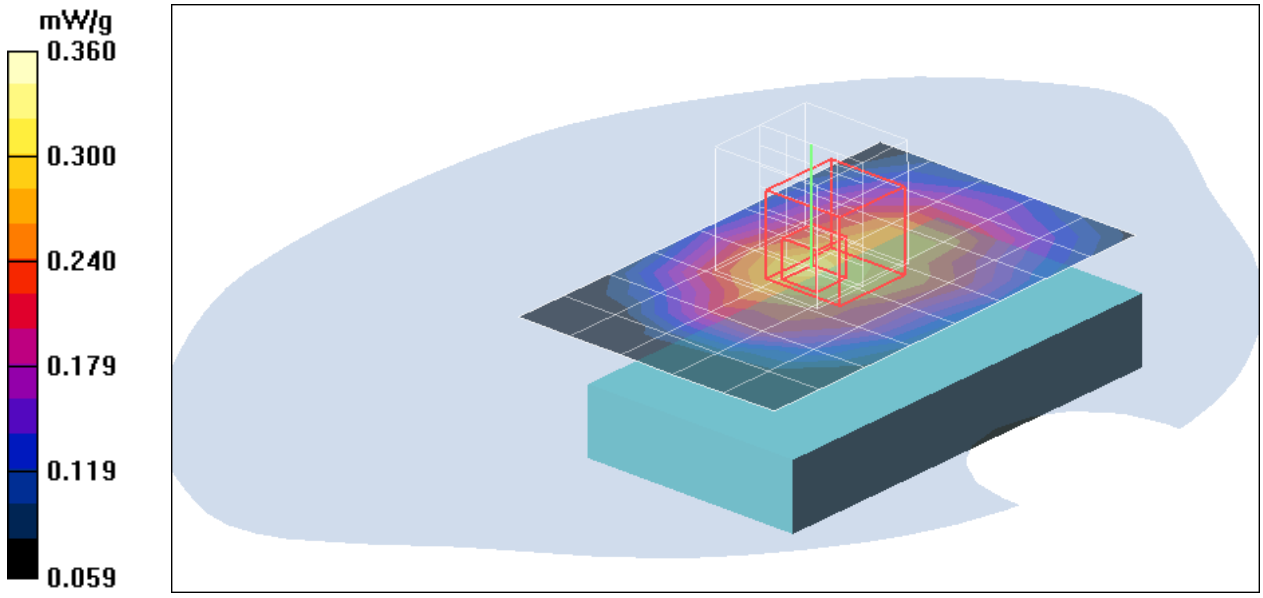
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+GSM Body Face Down Middle CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.320 mW/g

co-Location 802.11g+BT+GSM Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.310 mW/g


mW/g
0.360
0.300
0.240
0.179
0.119
0.059

Date/Time: 12/6/2007 12:32:58 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Up Middle CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

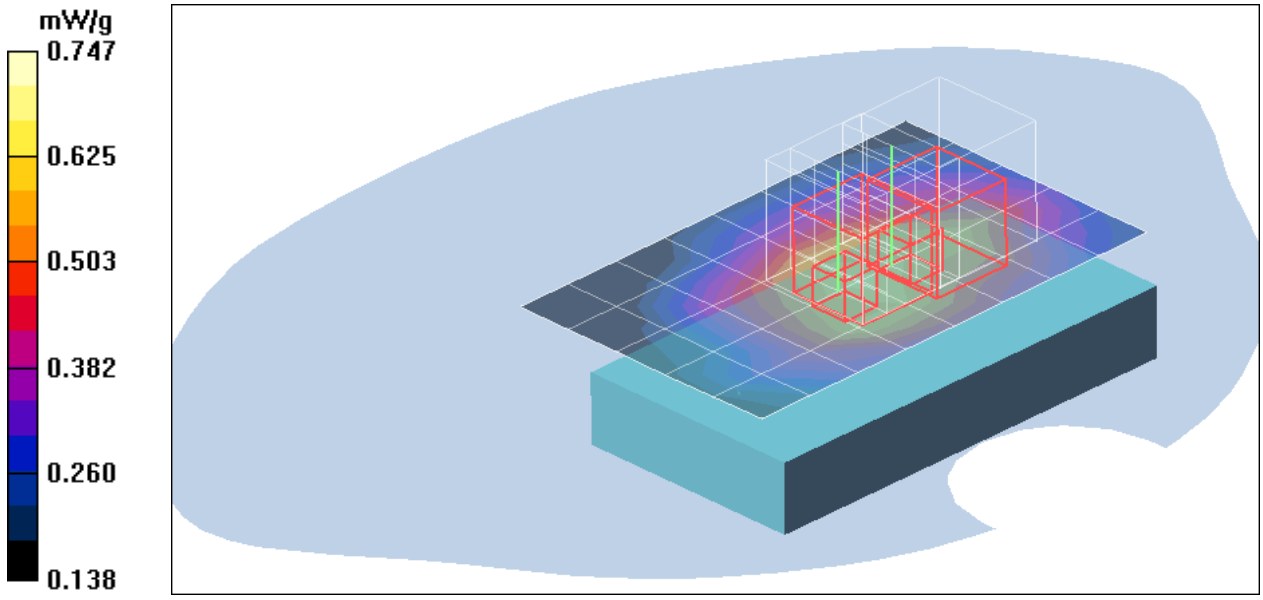
Maximum value of SAR (measured) = 0.649 mW/g

GPRS Body Face Up Middle CH190/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.460 mW/g
Maximum value of SAR (measured) = 0.647 mW/g

GPRS Body Face Up Middle CH190/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.602 mW/g


mW/g
0.747
0.625
0.503
0.382
0.260
0.138

Date/Time: 12/6/2007 12:56:46 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.911 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Down Low CH128/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

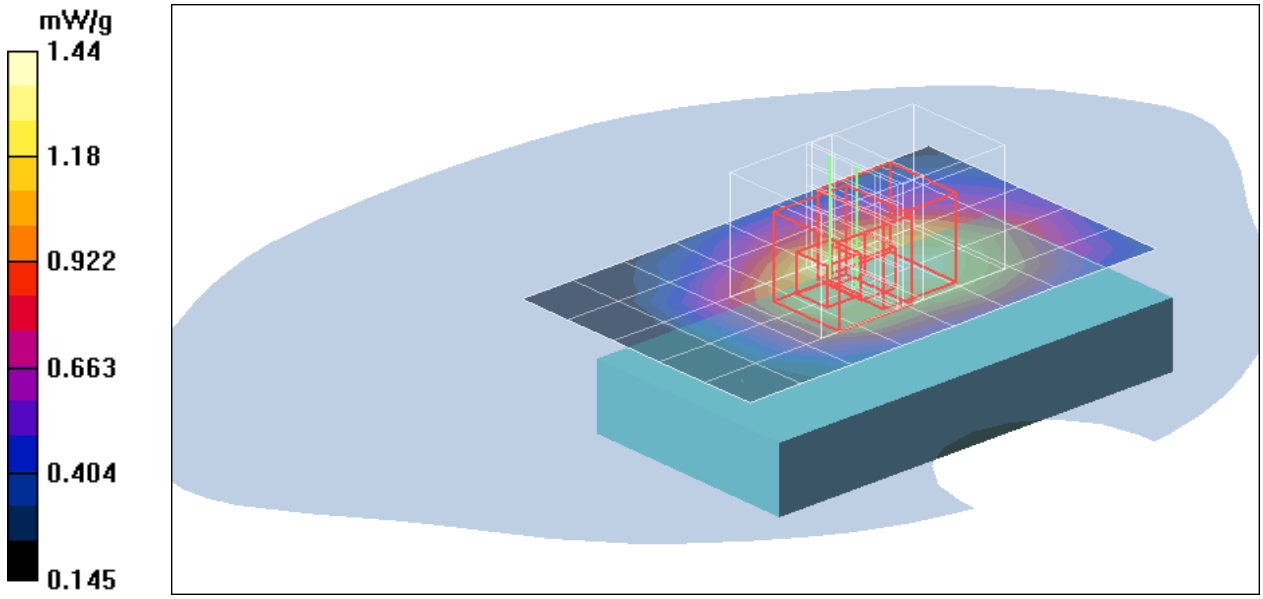
Maximum value of SAR (measured) = 1.39 mW/g

GPRS Body Face Down Low CH128/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.2 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1.270 mW/g; SAR(10 g) = 0.988 mW/g
Maximum value of SAR (measured) = 1.45 mW/g

GPRS Body Face Down Low CH128/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.2 V/m; Power Drift = 0.328 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.982 mW/g
Maximum value of SAR (measured) = 1.44 mW/g


mW/g
1.44
1.18
0.922
0.663
0.404
0.145

Date/Time: 12/6/2007 1:19:19 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Down Middle CH190/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.82 mW/g

GPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 0:

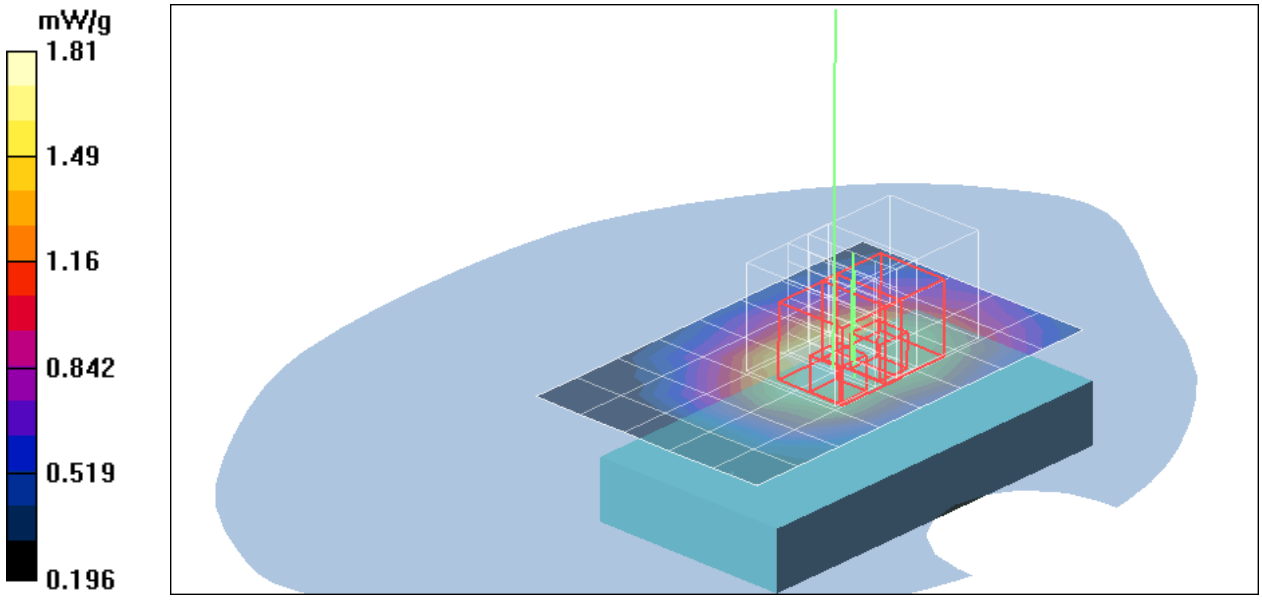
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.0 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.530 mW/g; SAR(10 g) = 1.18 mW/g
Maximum value of SAR (measured) = 1.71 mW/g

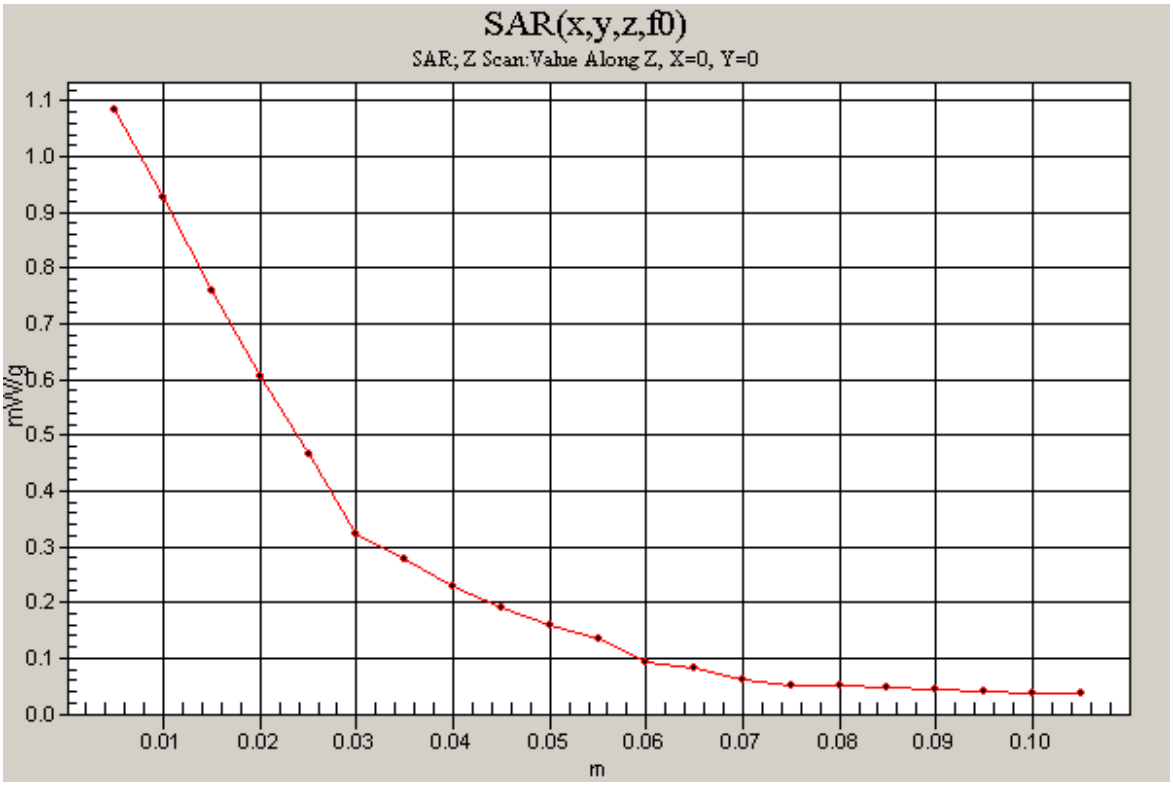
GPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.0 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.390 mW/g; SAR(10 g) = 1.06 mW/g
Maximum value of SAR (measured) = 1.59 mW/g

GPRS Body Face Down Middle CH190 2/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.08 mW/g


mW/g
1.81
1.49
1.16
0.842
0.519
0.196


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
m
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10

Date/Time: 12/6/2007 1:43:09 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

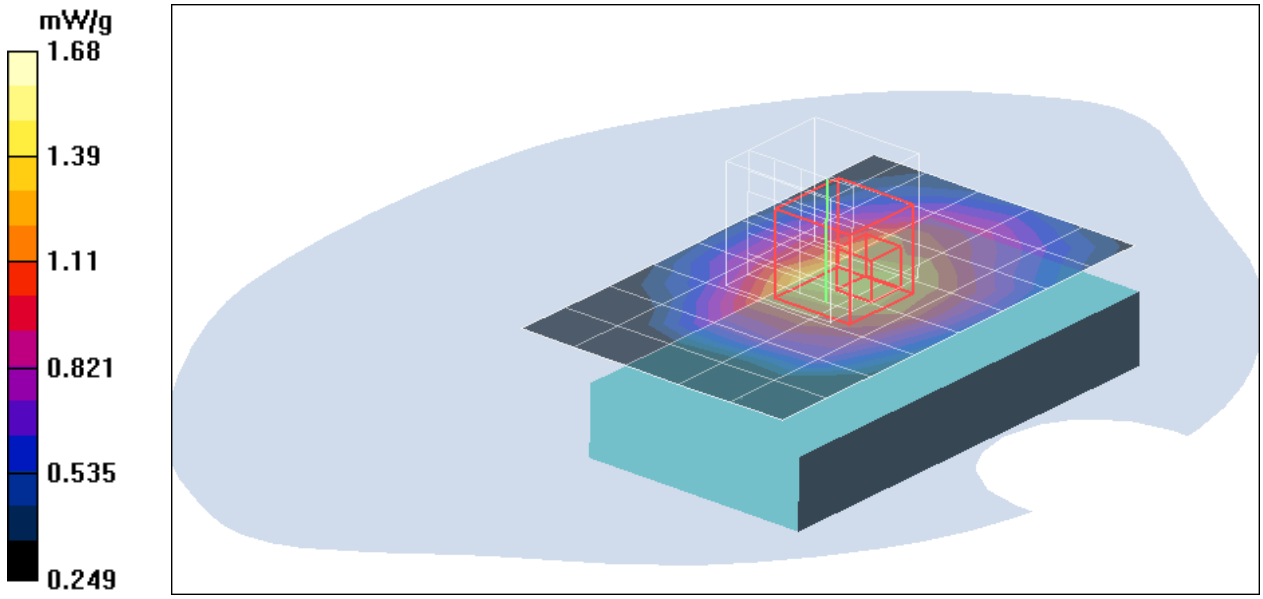
Communication System: GPRS 850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.933 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Down High CH251/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.39 mW/g

GPRS Body Face Down High CH251/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.490 mW/g; SAR(10 g) = 1.13 mW/g
Maximum value of SAR (measured) = 1.68 mW/g


mW/g
1.68
1.39
1.11
0.821
0.535
0.249

Date/Time: 12/6/2007 2:06:05 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+GPRS Body Face Down Middle CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

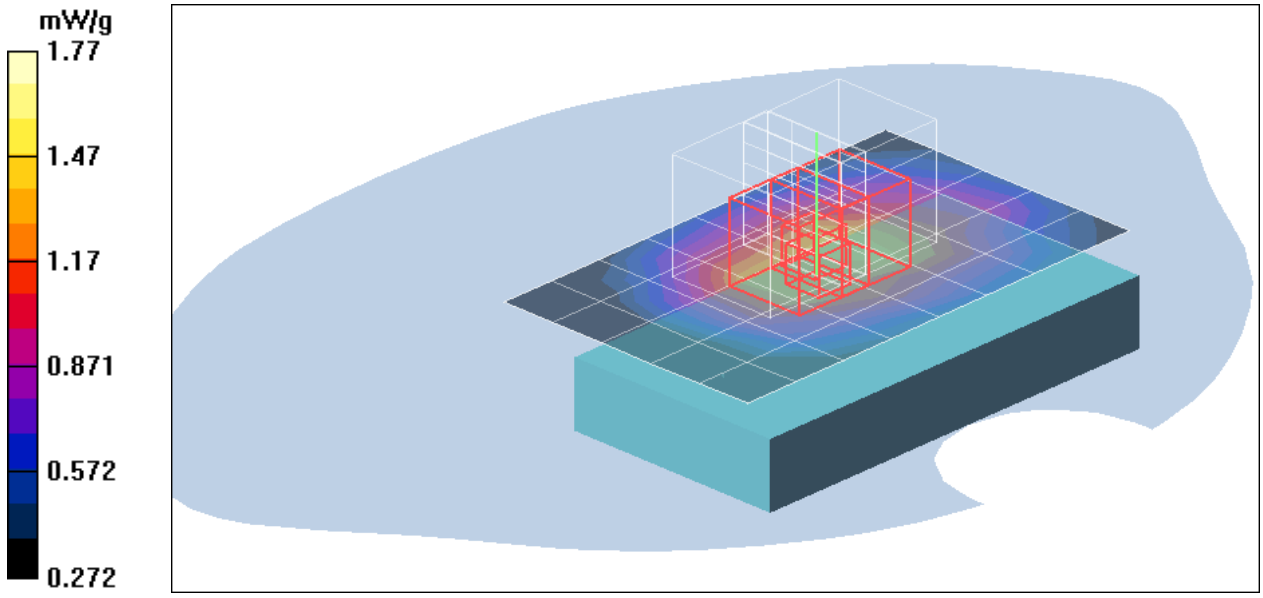
Maximum value of SAR (measured) = 1.44 mW/g

co-Location 802.11b+BT+GPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 32.4 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.310 mW/g; SAR(10 g) = 0.992 mW/g
Maximum value of SAR (measured) = 1.47 mW/g

co-Location 802.11b+BT+GPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 32.4 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.871 mW/g
Maximum value of SAR (measured) = 1.32 mW/g


mW/g
1.77
1.47
1.17
0.871
0.572
0.272

Date/Time: 12/6/2007 2:29:35 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+GPRS Body Face Down Middle CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

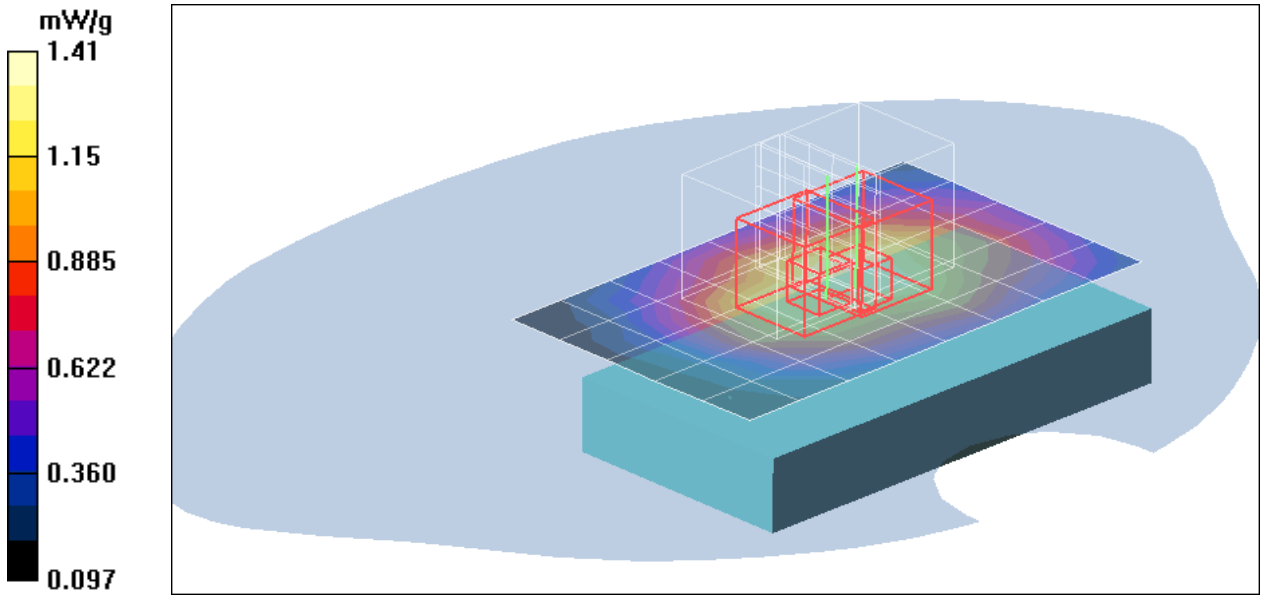
Maximum value of SAR (measured) = 1.36 mW/g

co-Location 802.11g+BT+GPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 1.150 mW/g; SAR(10 g) = 0.883 mW/g
Maximum value of SAR (measured) = 1.31 mW/g

co-Location 802.11g+BT+GPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.812 mW/g
Maximum value of SAR (measured) = 1.25 mW/g


mW/g
1.41
1.15
0.885
0.622
0.360
0.097

Date/Time: 12/6/2007 2:53:36 PM

Test Laboratory: Compliance Certification Services Inc.

EGPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Up Middle CH190/Area Scan (6x8x1):

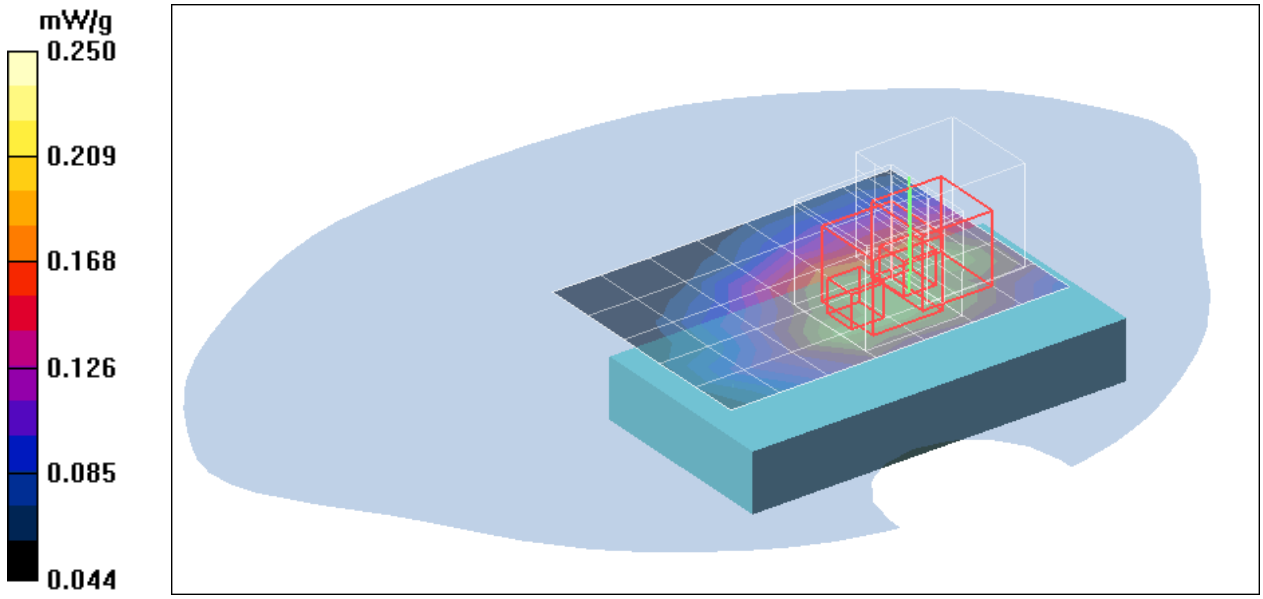
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.209 mW/g

EGPRS Body Face Up Middle CH190/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.168 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.210 mW/g

EGPRS Body Face Up Middle CH190/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.168 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.208 mW/g


mW/g
0.250
0.209
0.168
0.126
0.085
0.044

Date/Time: 12/6/2007 3:15:18 PM

Test Laboratory: Compliance Certification Services Inc.

EGPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.911 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Down Low CH128/Area Scan (6x8x1):

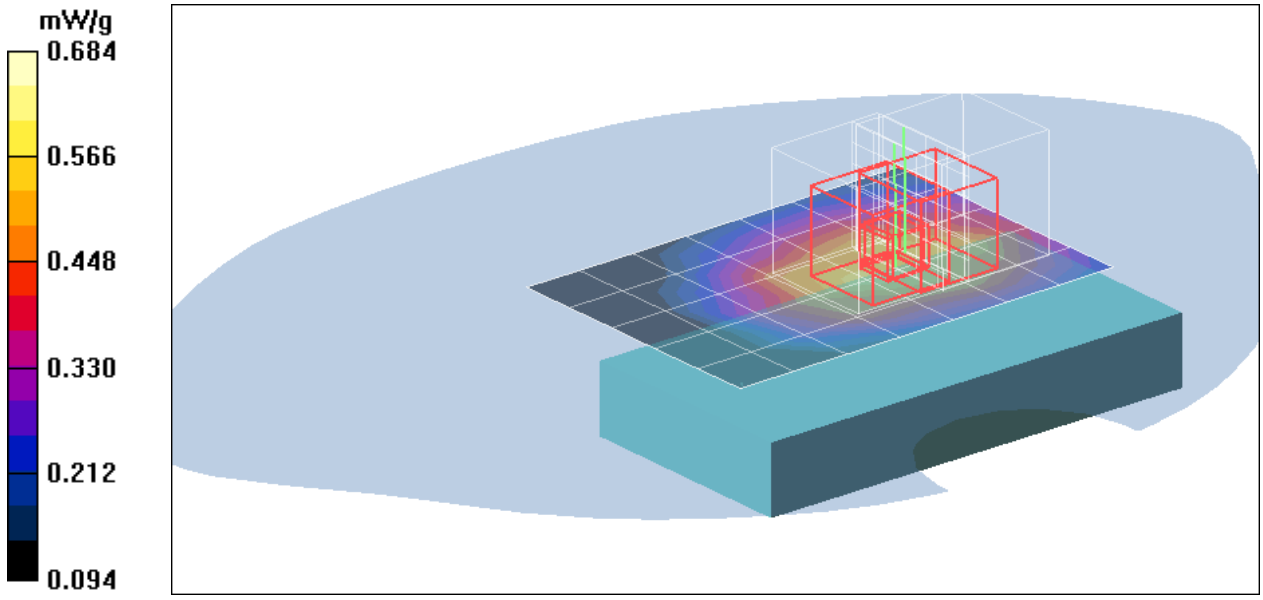
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.602 mW/g

EGPRS Body Face Down Low CH128/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 0.584 mW/g

EGPRS Body Face Down Low CH128/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.591 mW/g


mW/g
0.684
0.566
0.448
0.330
0.212
0.094

Date/Time: 12/6/2007 3:39:10 PM

Test Laboratory: Compliance Certification Services Inc.

EGPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Down Middle CH190/Area Scan (6x9x1):

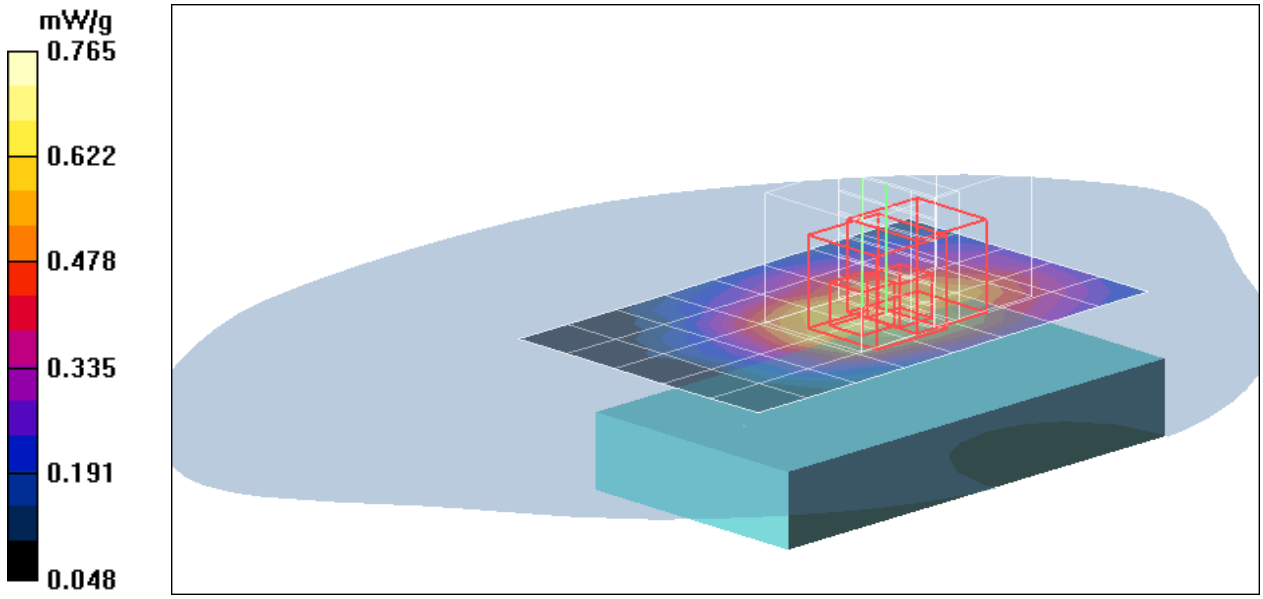
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.672 mW/g

EGPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.665 mW/g

EGPRS Body Face Down Middle CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.687 W/kg
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.660 mW/g


mW/g
0.765
0.622
0.478
0.335
0.191
0.048

Date/Time: 12/6/2007 4:02:33 PM

Test Laboratory: Compliance Certification Services Inc.

EGPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.933 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

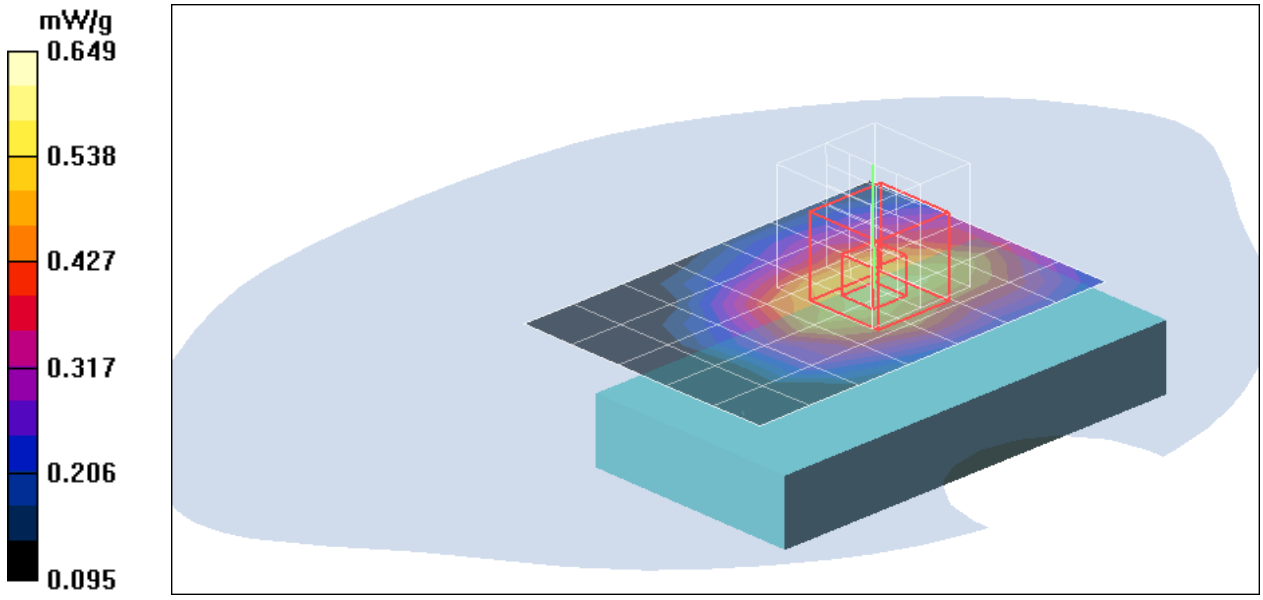
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Down High CH251/Area Scan (6x8x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.565 mW/g

EGPRS Body Face Down High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 0.579 W/kg
SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.549 mW/g


mW/g
0.649
0.538
0.427
0.317
0.206
0.095

Date/Time: 12/6/2007 4:24:14 PM

Test Laboratory: Compliance Certification Services Inc.

EGPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+EGPRS Body Face Down Low CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

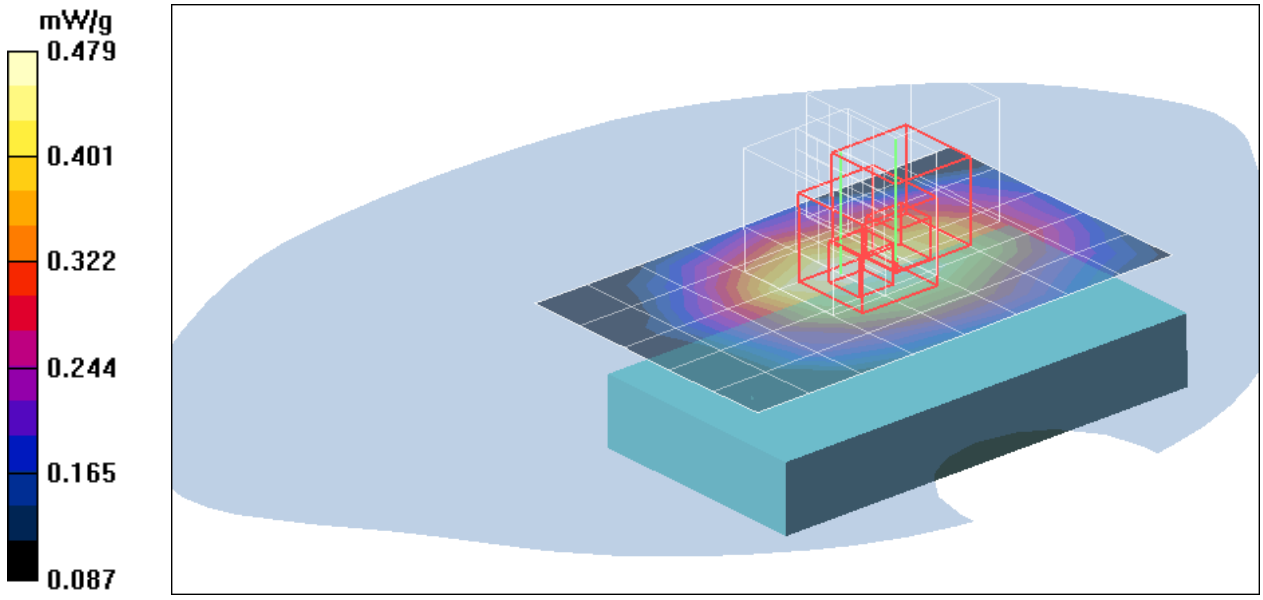
Maximum value of SAR (measured) = 0.477 mW/g

co-Location 802.11b+BT+EGPRS Body Face Down Low CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.479 mW/g

co-Location 802.11b+BT+EGPRS Body Face Down Low CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.490 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.462 mW/g


mW/g
0.479
0.401
0.322
0.244
0.165
0.087

Date/Time: 12/6/2007 4:48:34 PM

Test Laboratory: Compliance Certification Services Inc.

EGPRS 835-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+EGPRS Body Face Down Low CH190/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

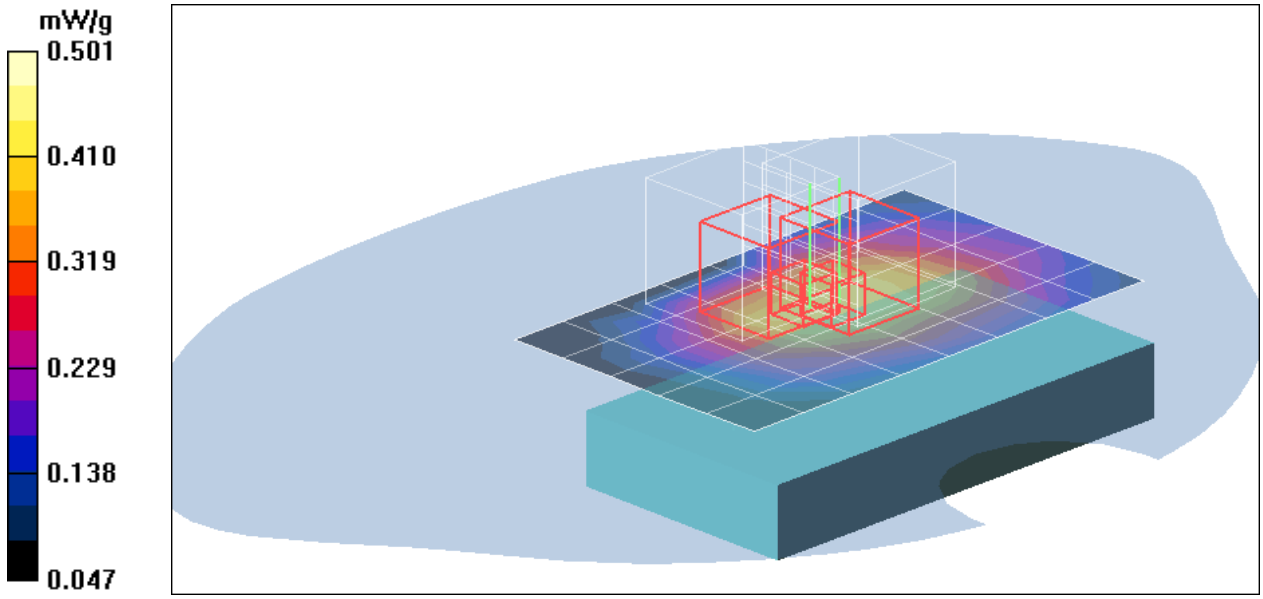
Maximum value of SAR (measured) = 0.436 mW/g

co-Location 802.11g+BT+EGPRS Body Face Down Low CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.461 mW/g

co-Location 802.11g+BT+EGPRS Body Face Down Low CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.321 mW/g
Maximum value of SAR (measured) = 0.466 mW/g


mW/g
0.501
0.410
0.319
0.229
0.138
0.047

Date/Time: 12/4/2007 8:21:41 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

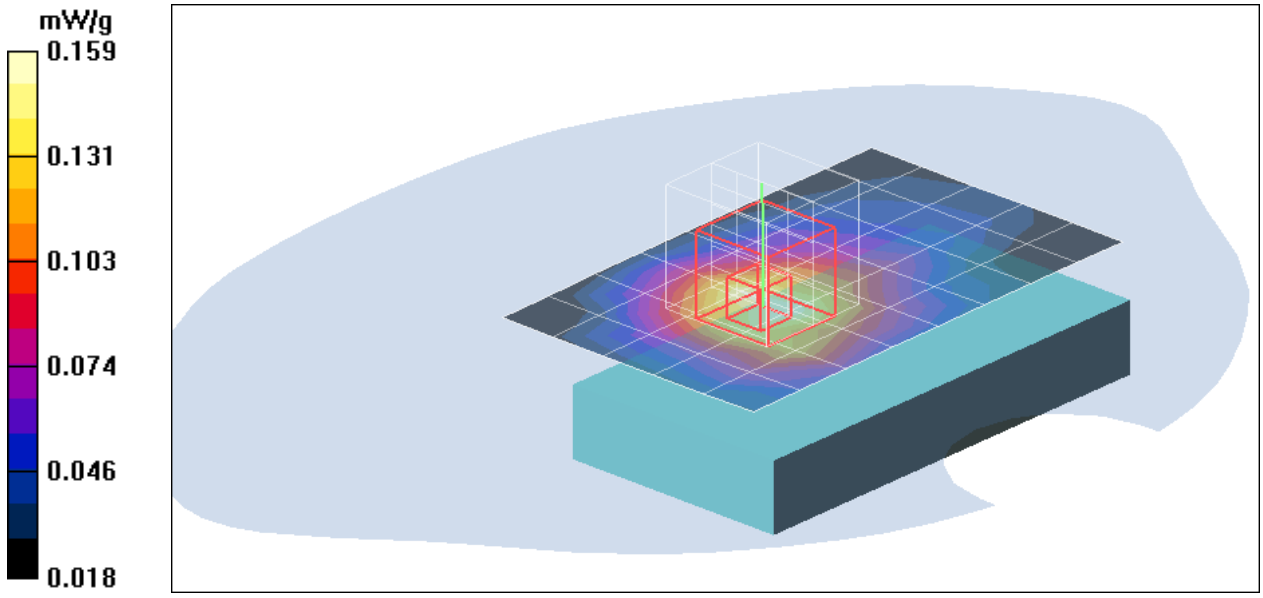
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Up Middle CH661/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.160 mW/g

GSM Body Face Up Middle CH661/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.57 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.159 mW/g


mW/g
0.159
0.131
0.103
0.074
0.046
0.018

Date/Time: 12/4/2007 8:44:33 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

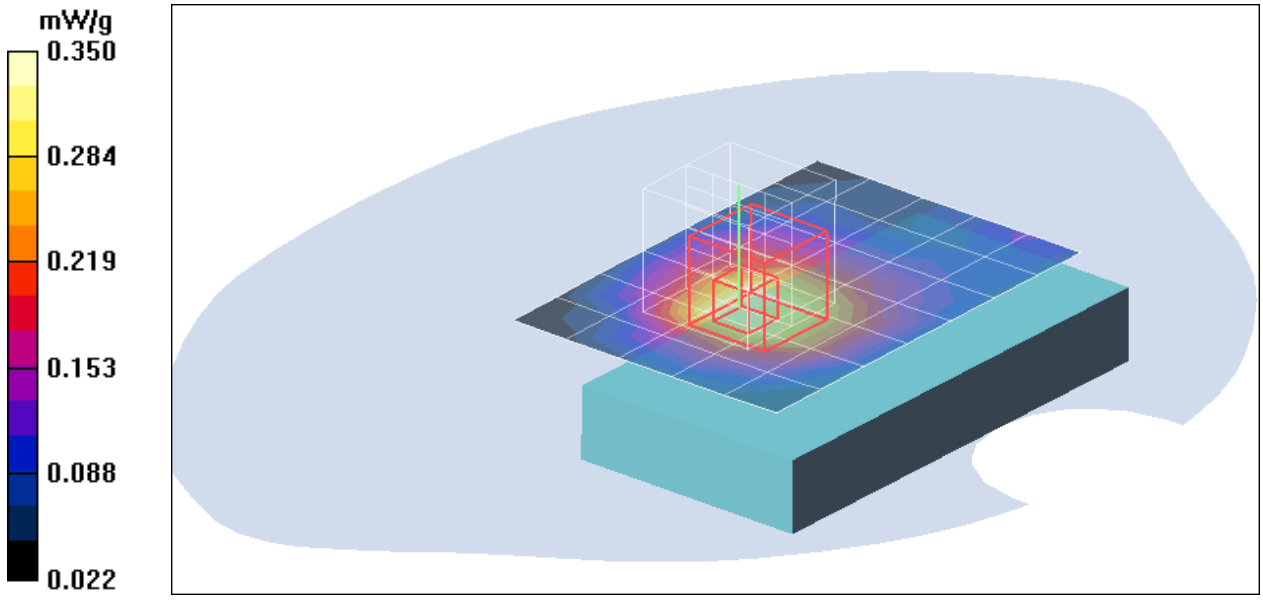
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down Low CH512/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.326 mW/g

GSM Body Face Down Low CH512/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.350 mW/g


mW/g
0.350
0.284
0.219
0.153
0.088
0.022

Date/Time: 12/4/2007 9:05:42 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

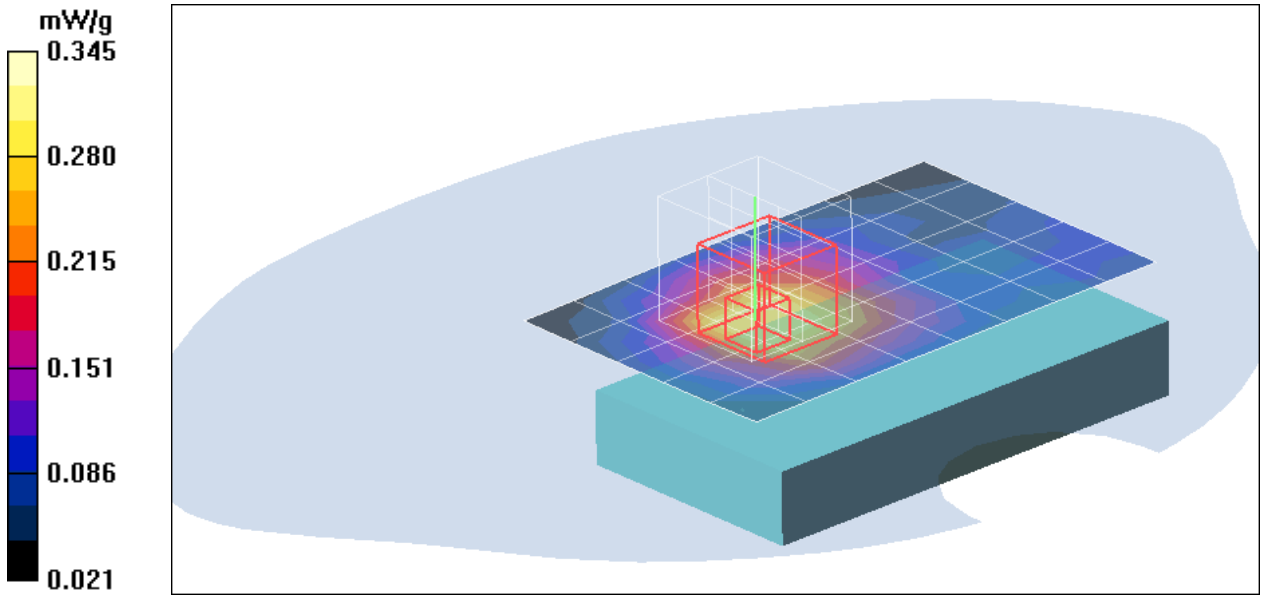
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down Middle CH661/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.307 mW/g

GSM Body Face Down Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.345 mW/g


mW/g
0.345
0.280
0.215
0.151
0.086
0.021

Date/Time: 12/4/2007 9:24:28 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

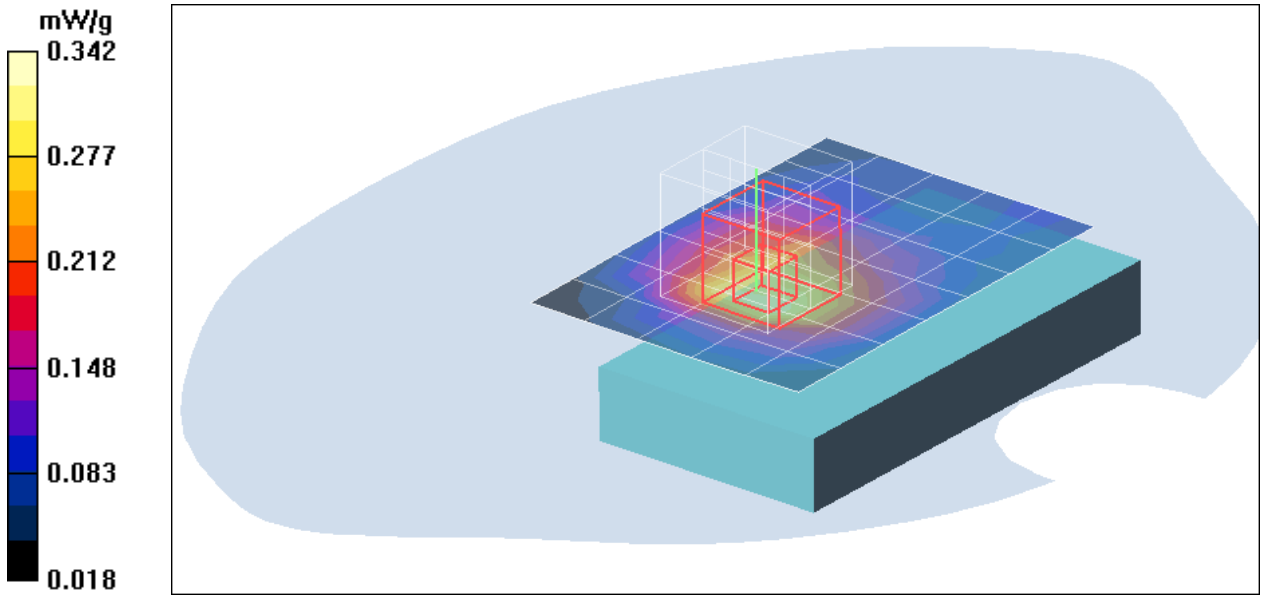
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down High CH810/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.320 mW/g

GSM Body Face Down High CH810/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.342 mW/g


mW/g
0.342
0.277
0.212
0.148
0.083
0.018

Date/Time: 12/4/2007 8:21:41 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

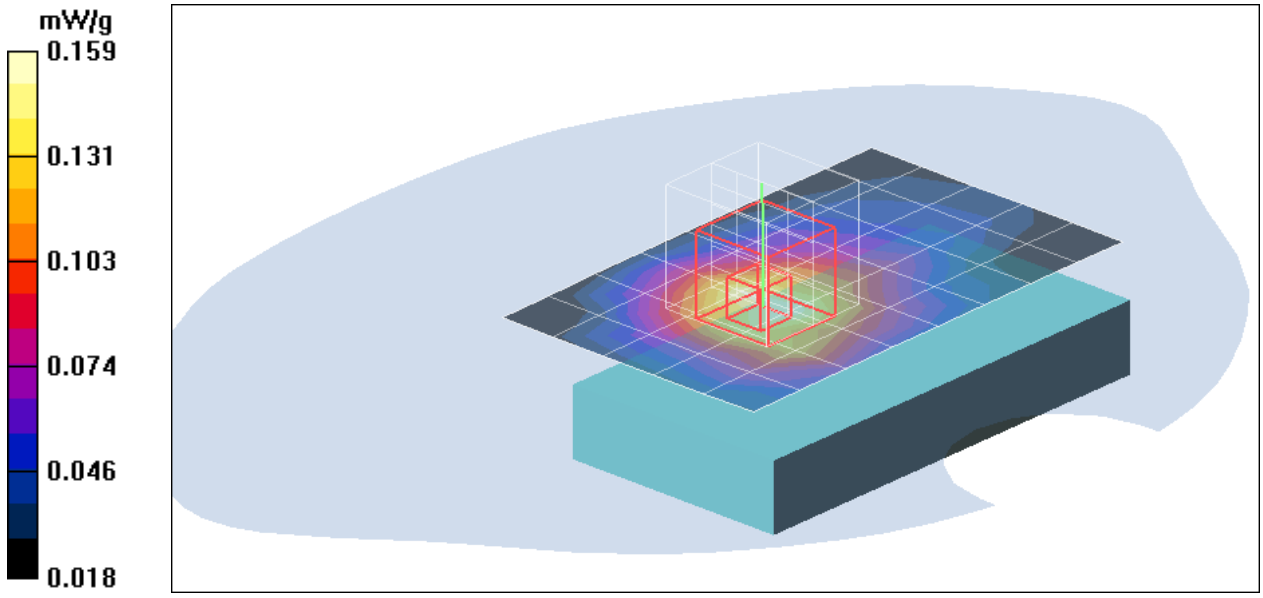
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Up Middle CH661/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.160 mW/g

GSM Body Face Up Middle CH661/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.57 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.159 mW/g


mW/g
0.159
0.131
0.103
0.074
0.046
0.018

Date/Time: 12/4/2007 8:44:33 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

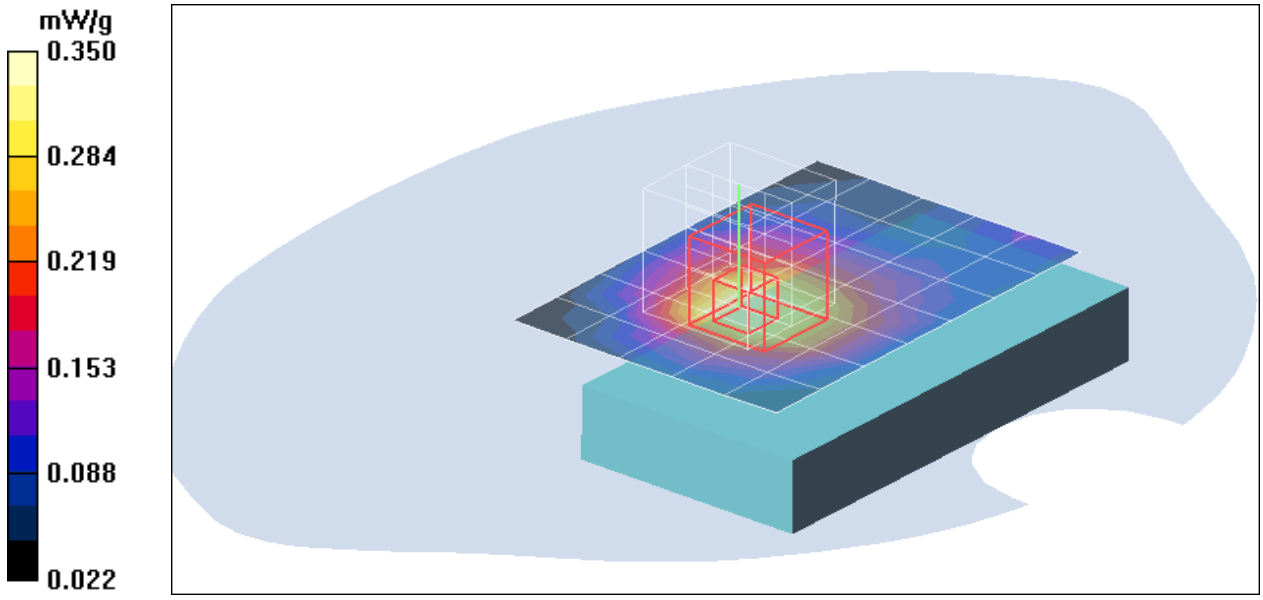
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down Low CH512/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.326 mW/g

GSM Body Face Down Low CH512/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.350 mW/g


mW/g
0.350
0.284
0.219
0.153
0.088
0.022

Date/Time: 12/4/2007 9:05:42 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

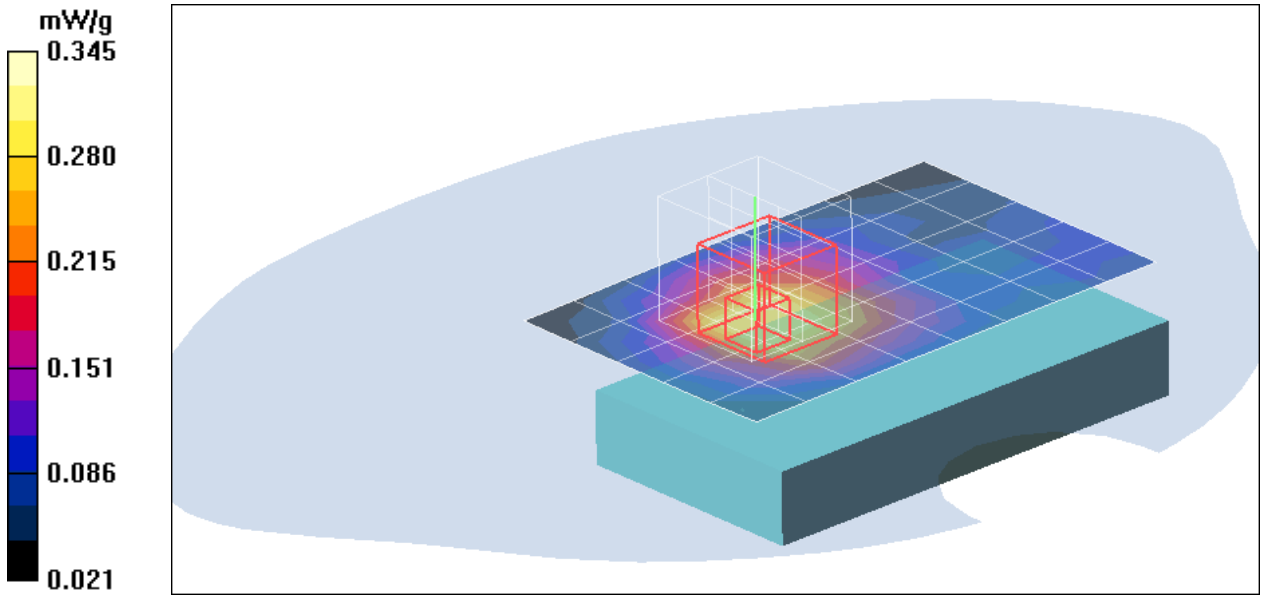
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down Middle CH661/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.307 mW/g

GSM Body Face Down Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.345 mW/g


mW/g
0.345
0.280
0.215
0.151
0.086
0.021

Date/Time: 12/4/2007 9:24:28 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

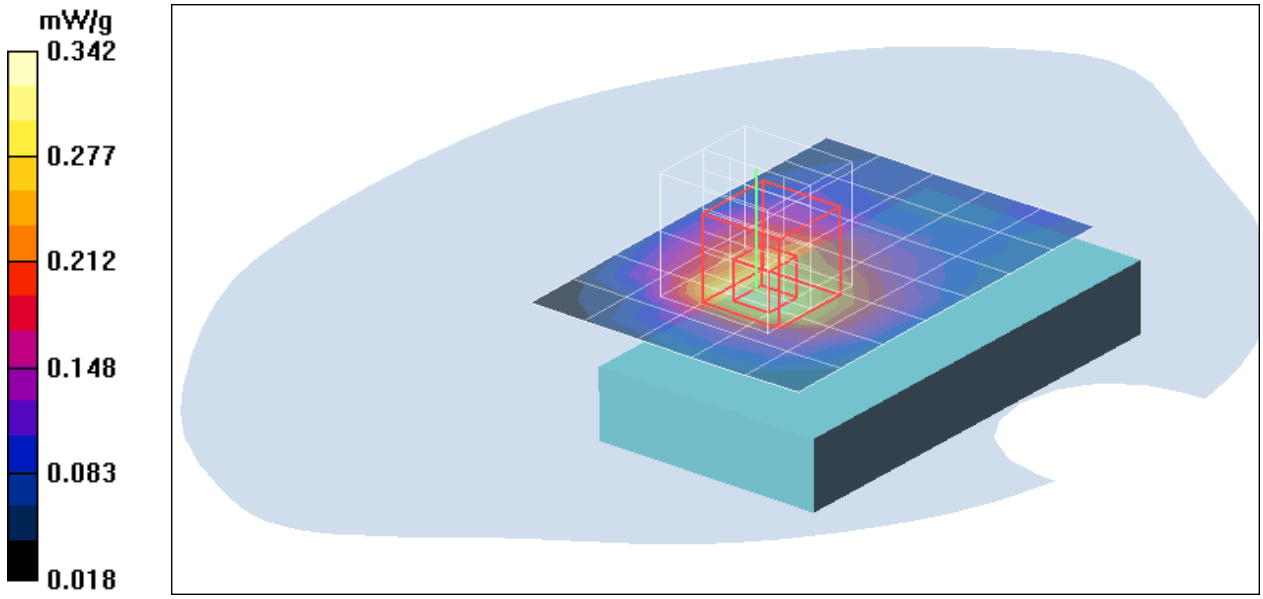
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GSM Body Face Down High CH810/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.320 mW/g

GSM Body Face Down High CH810/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.342 mW/g


mW/g
0.342
0.277
0.212
0.148
0.083
0.018

Date/Time: 12/4/2007 9:46:28 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

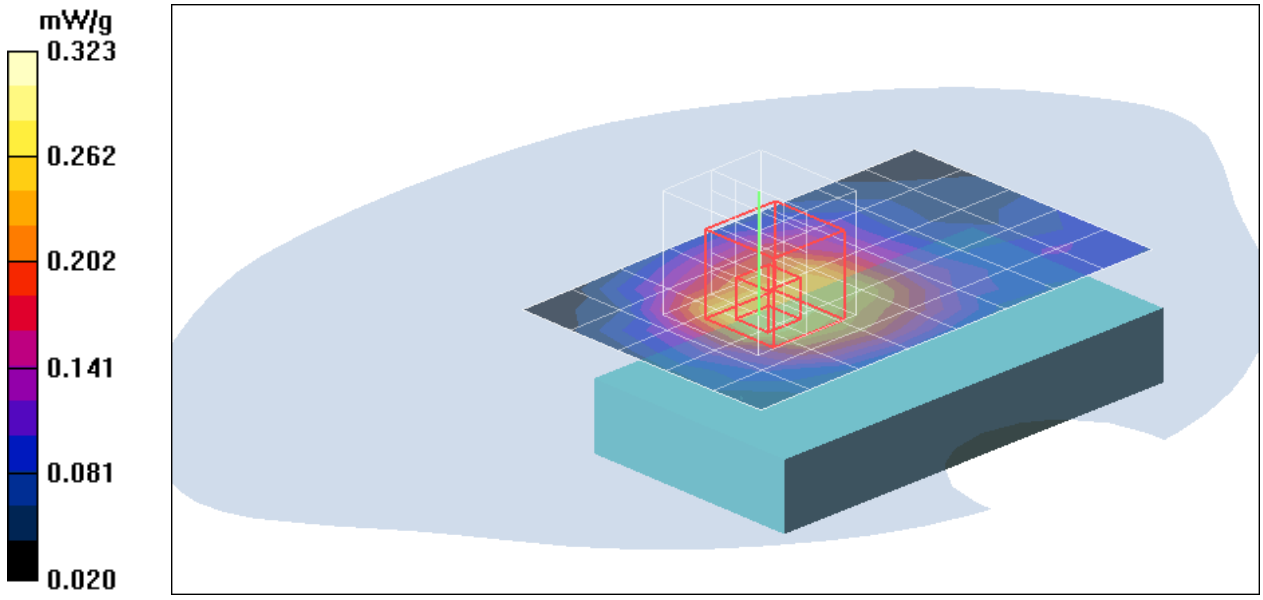
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+GSM Body Face Down Middle CH661/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.283 mW/g

co-Location 802.11b+BT+GSM Body Face Down Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.177 mW/g
Maximum value of SAR (measured) = 0.293 mW/g


mW/g
0.323
0.262
0.202
0.141
0.081
0.020

Date/Time: 12/4/2007 10:06:38 PM

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

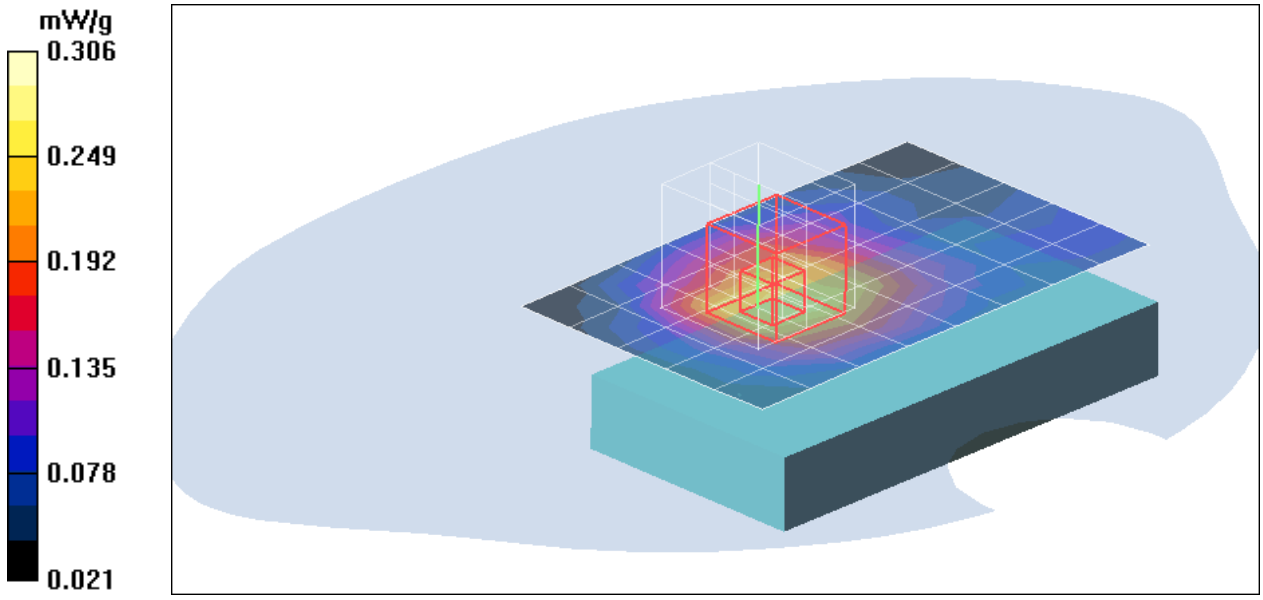
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+GSM Body Face Down Middle CH661/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.266 mW/g

co-Location 802.11g+BT+GSM Body Face Down Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.276 mW/g


mW/g
0.306
0.249
0.192
0.135
0.078
0.021

Date/Time: 12/4/2007 10:26:06 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

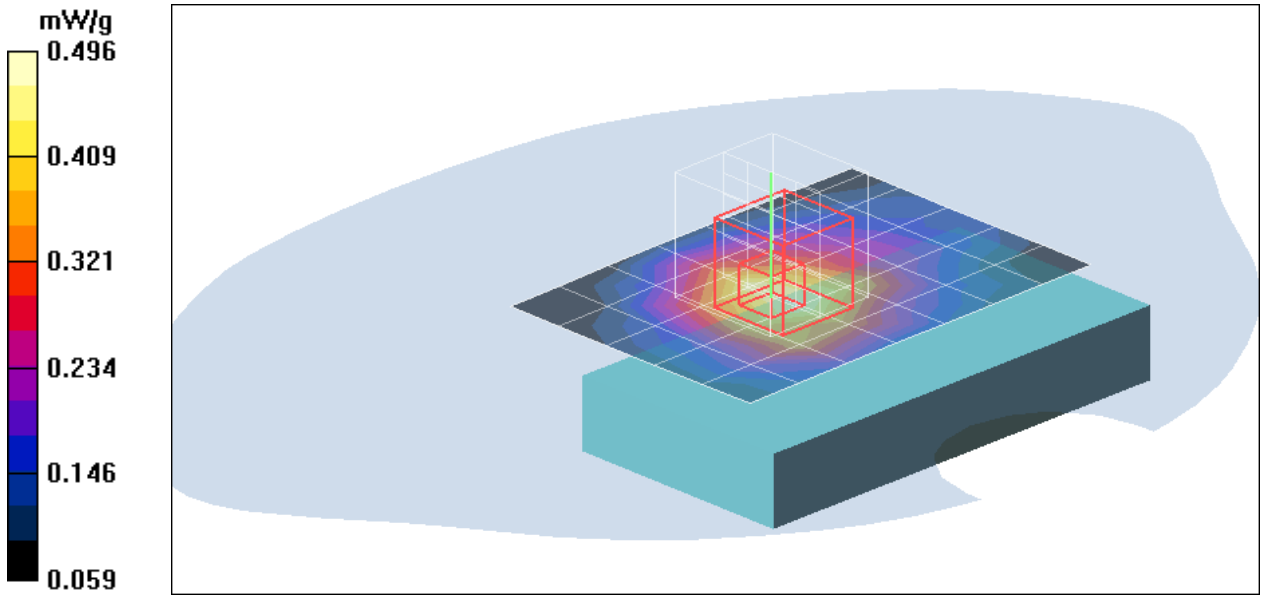
Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Up Middle CH661/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.480 mW/g

GPRS Body Face Up Middle CH661/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.303 mW/g
Maximum value of SAR (measured) = 0.496 mW/g


mW/g
0.496
0.409
0.321
0.234
0.146
0.059

Date/Time: 12/4/2007 10:48:19 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

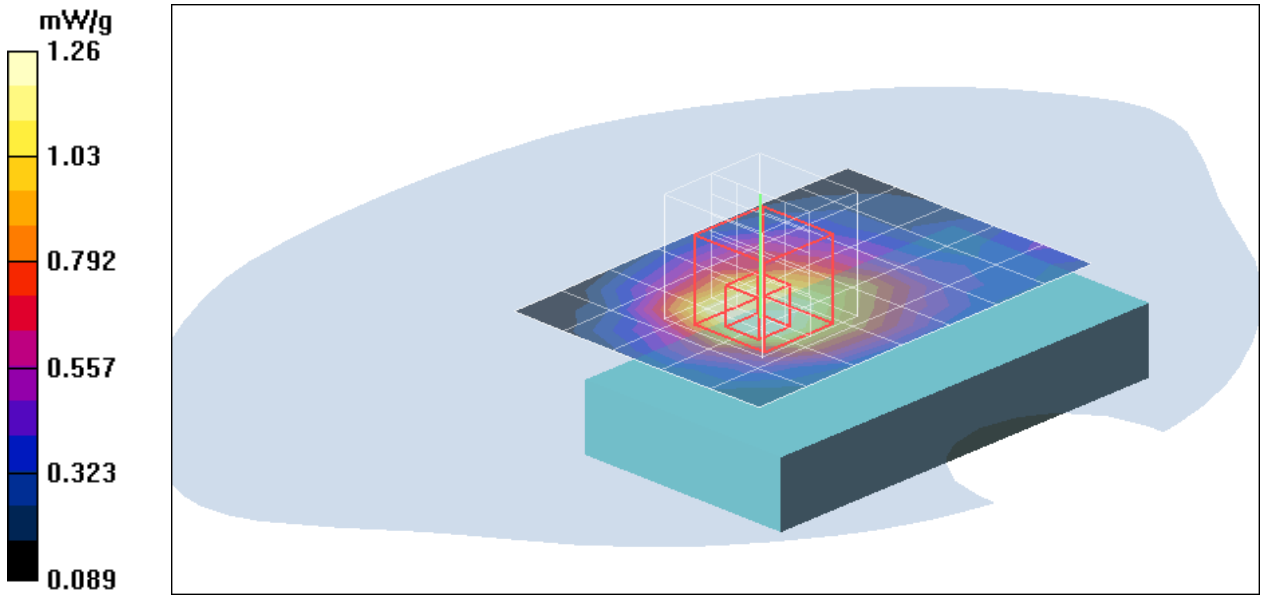
Communication System: GPRS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Down Low CH512/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.35 mW/g

GPRS Body Face Down Low CH512/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.2 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.722 mW/g
Maximum value of SAR (measured) = 1.26 mW/g


mW/g
1.26
1.03
0.792
0.557
0.323
0.089

Date/Time: 12/4/2007 11:08:35 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Down Middle CH661/Area Scan (6x9x1):

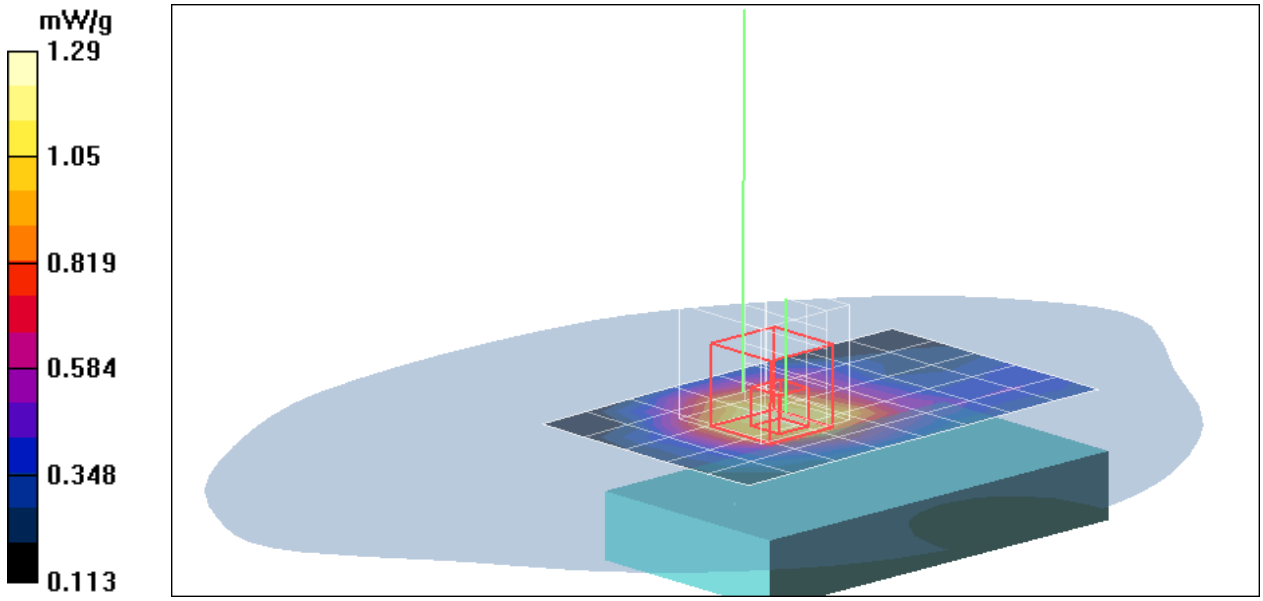
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.21 mW/g

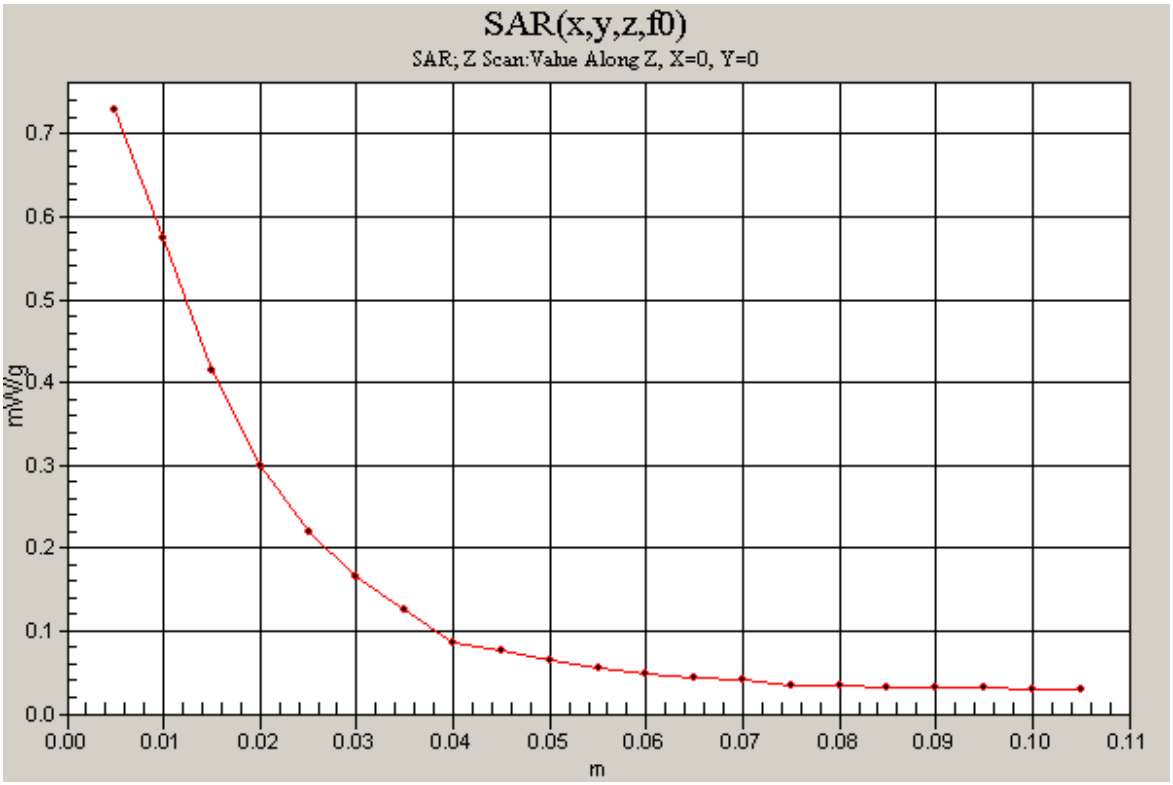
GPRS Body Face Down Middle CH661/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.784 mW/g
Maximum value of SAR (measured) = 1.29 mW/g

GPRS Body Face Down Middle CH661/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.728 mW/g


mW/g
1.29
1.05
0.819
0.584
0.348
0.113


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
0.11
m

Date/Time: 12/4/2007 11:31:00 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

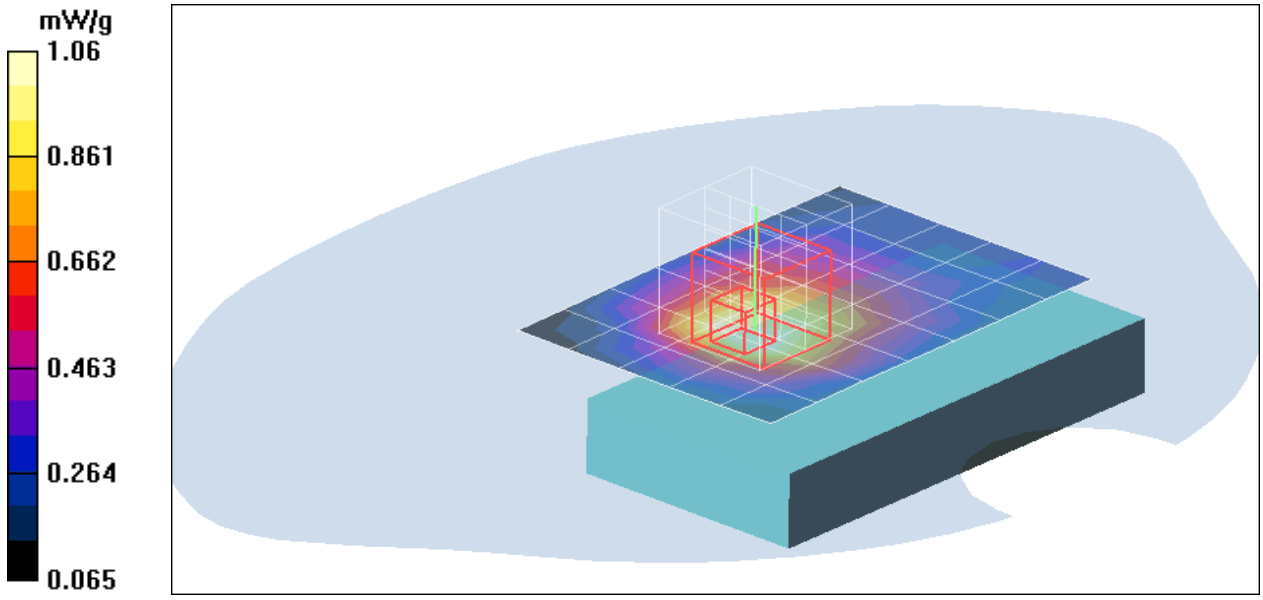
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

GPRS Body Face Down High CH810/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.12 mW/g

GPRS Body Face Down High CH810/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.614 mW/g
Maximum value of SAR (measured) = 1.06 mW/g


mW/g
1.06
0.861
0.662
0.463
0.264
0.065

Date/Time: 12/4/2007 11:52:49 PM

Test Laboratory: Compliance Certification Services Inc.

GPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

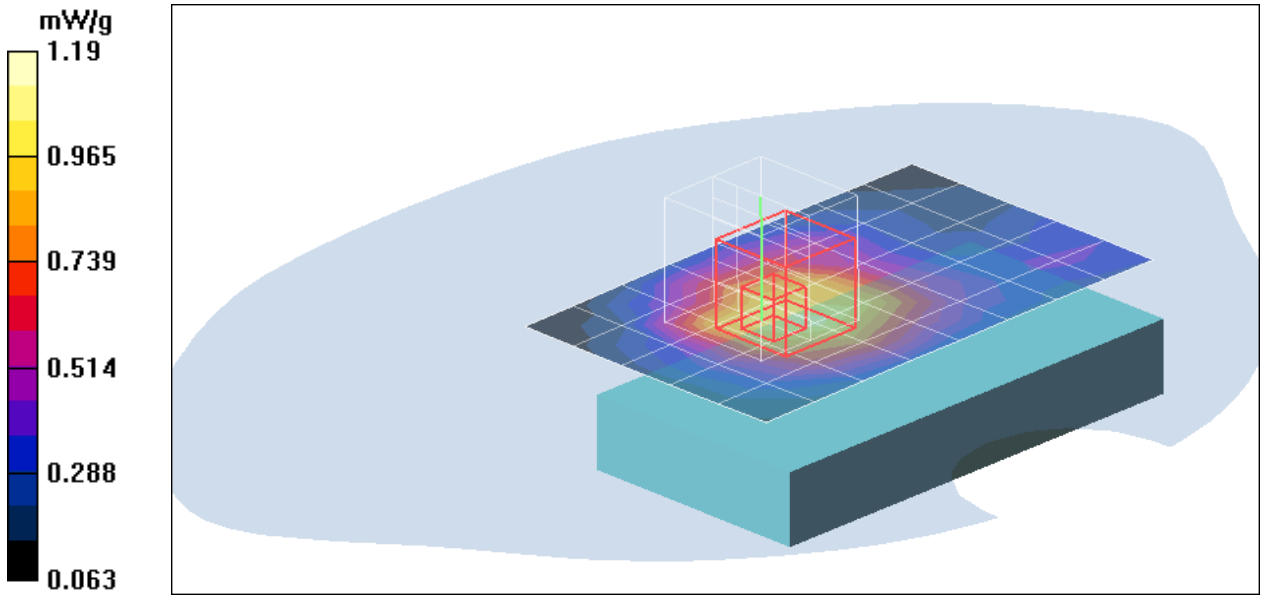
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+GPRS Body Face Down Middle CH661/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 mW/g

co-Location 802.11b+BT+GPRS Body Face Down Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.664 mW/g
Maximum value of SAR (measured) = 1.11 mW/g


mW/g
1.19
0.965
0.739
0.514
0.288
0.063

Date/Time: 12/5/2007 12:13:46 AM

Test Laboratory: Compliance Certification Services Inc.

GPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.8 deg C;Liquid Temperature:23.8 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

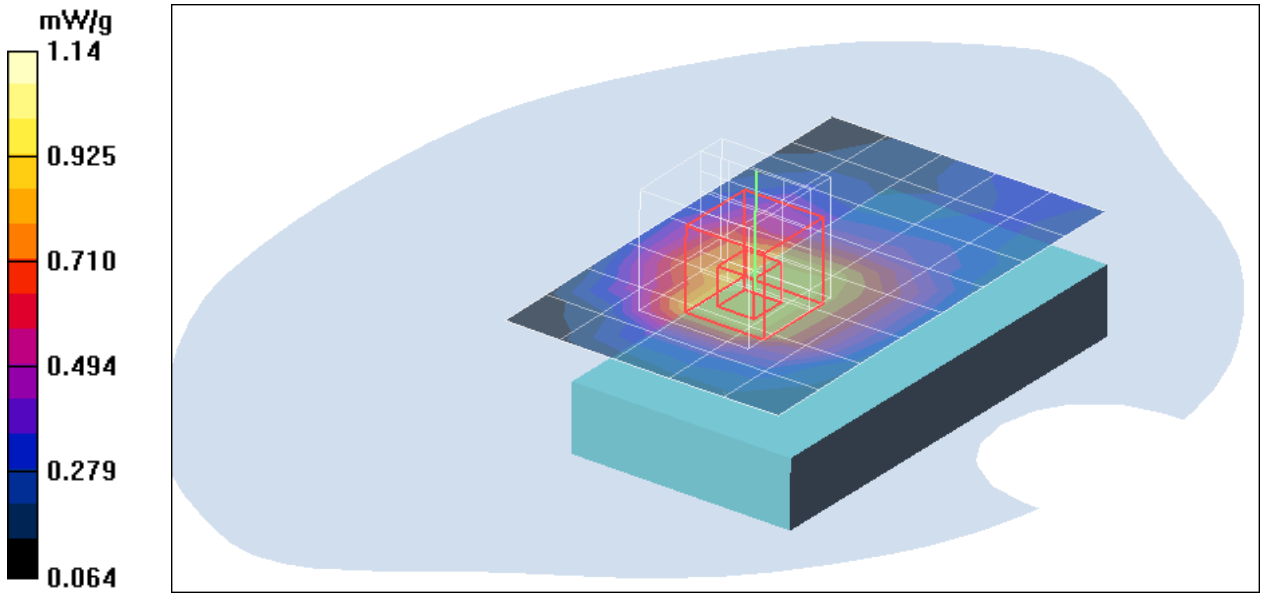
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+GPRS Body Face Down Middle CH661/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.932 mW/g

co-Location 802.11g+BT+GPRS Body Face Down Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.620 mW/g
Maximum value of SAR (measured) = 1.04 mW/g


mW/g
1.14
0.925
0.710
0.494
0.279
0.064

Date/Time: 12/5/2007 12:34:09 AM

Test Laboratory: Compliance Certification Services Inc.

EGPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

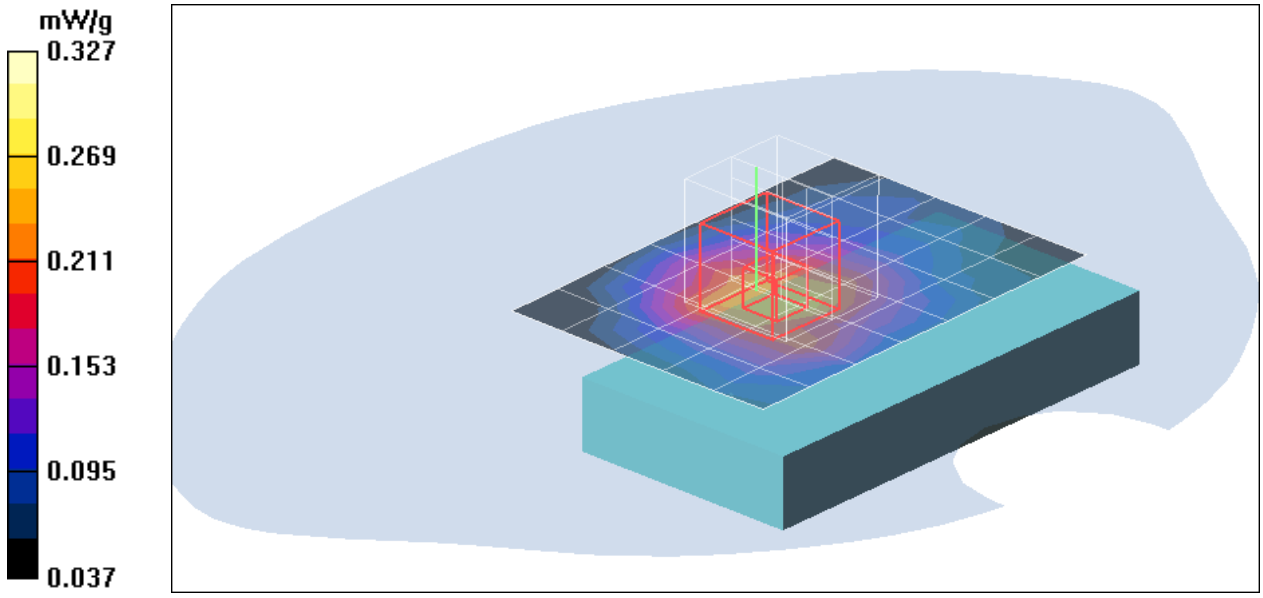
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Up Middle CH661/Area Scan (6x8x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.255 mW/g

EGPRS Body Face Up Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.277 mW/g


mW/g
0.327
0.269
0.211
0.153
0.095
0.037

Date/Time: 12/5/2007 12:58:33 AM

Test Laboratory: Compliance Certification Services Inc.

EGPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

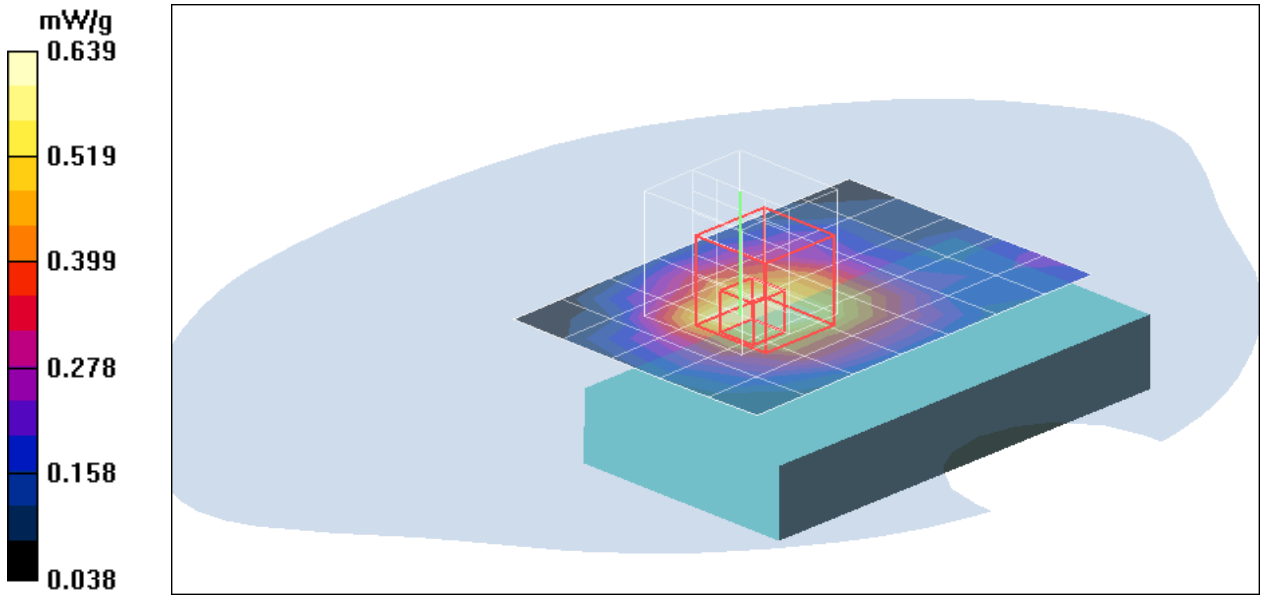
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Down Low CH512/Area Scan (6x8x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.598 mW/g

EGPRS Body Face Down Low CH512/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.2 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.706 W/kg
SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.639 mW/g


mW/g
0.639
0.519
0.399
0.278
0.158
0.038

Date/Time: 12/5/2007 1:19:44 AM

Test Laboratory: Compliance Certification Services Inc.

EGPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

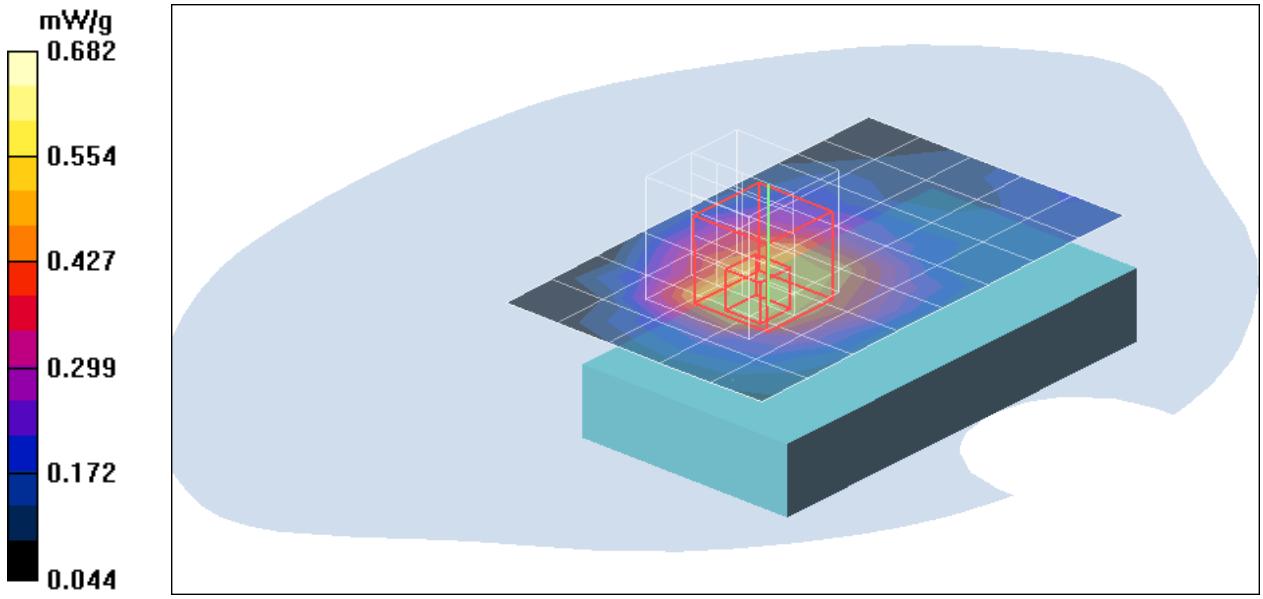
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Down Middle CH661/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.547 mW/g

EGPRS Body Face Down Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.582 mW/g


mW/g
0.682
0.554
0.427
0.299
0.172
0.044

Date/Time: 12/5/2007 1:40:37 AM

Test Laboratory: Compliance Certification Services Inc.

EGPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

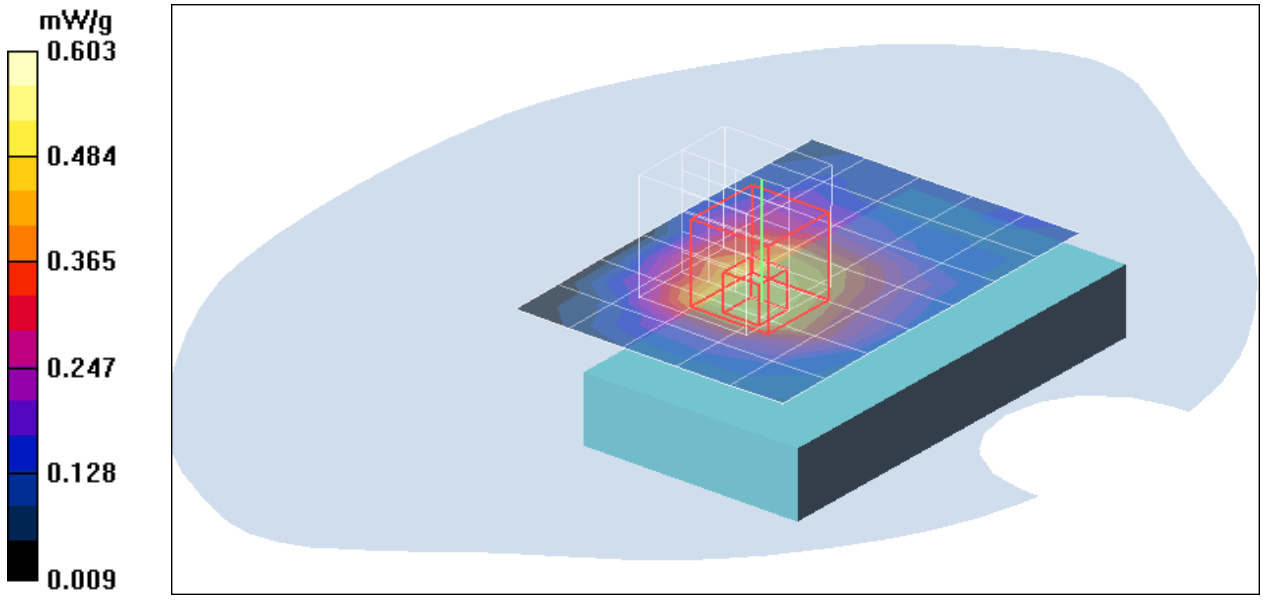
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

EGPRS Body Face Down High CH810/Area Scan (6x8x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.503 mW/g

EGPRS Body Face Down High CH810/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.1 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.803 W/kg
SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.425 mW/g
Maximum value of SAR (measured) = 0.742 mW/g


mW/g
0.603
0.484
0.365
0.247
0.128
0.009

Date/Time: 12/5/2007 2:02:17 AM

Test Laboratory: Compliance Certification Services Inc.

EGPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

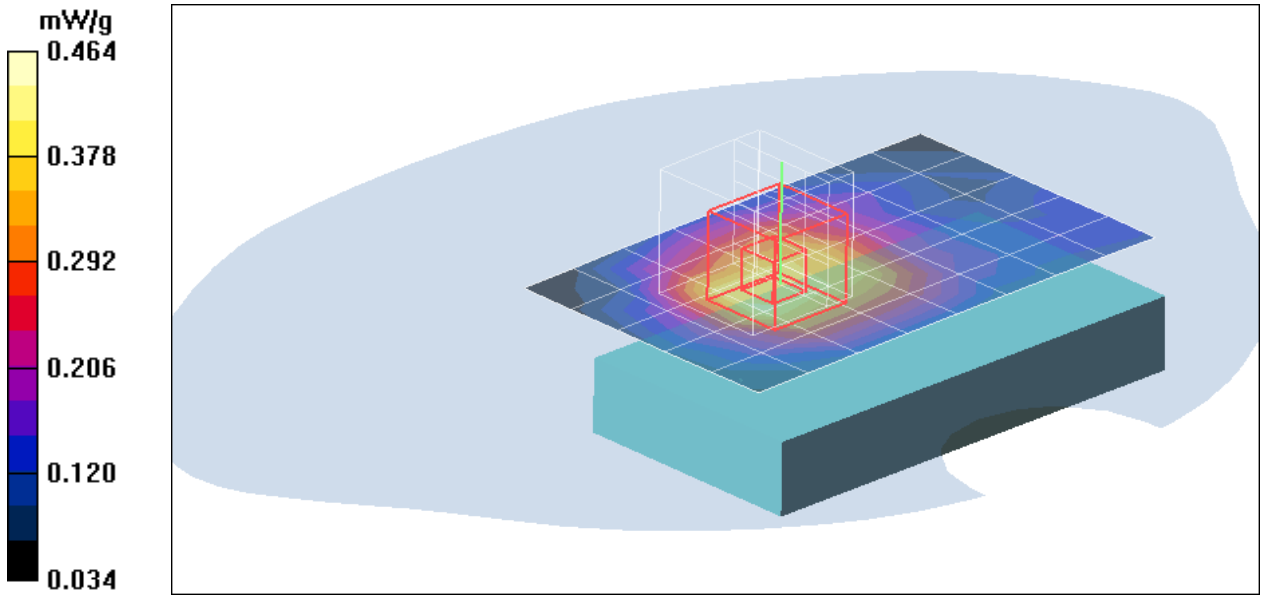
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+EGPRS Body Face Down Low CH810/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

co-Location 802.11b+BT+EGPRS Body Face Down Low CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.447 mW/g


mW/g
0.464
0.378
0.292
0.206
0.120
0.034

Date/Time: 12/5/2007 2:25:16 AM

Test Laboratory: Compliance Certification Services Inc.

EGPRS1900-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: EGPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+EGPRS Body Face Down Low CH810/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

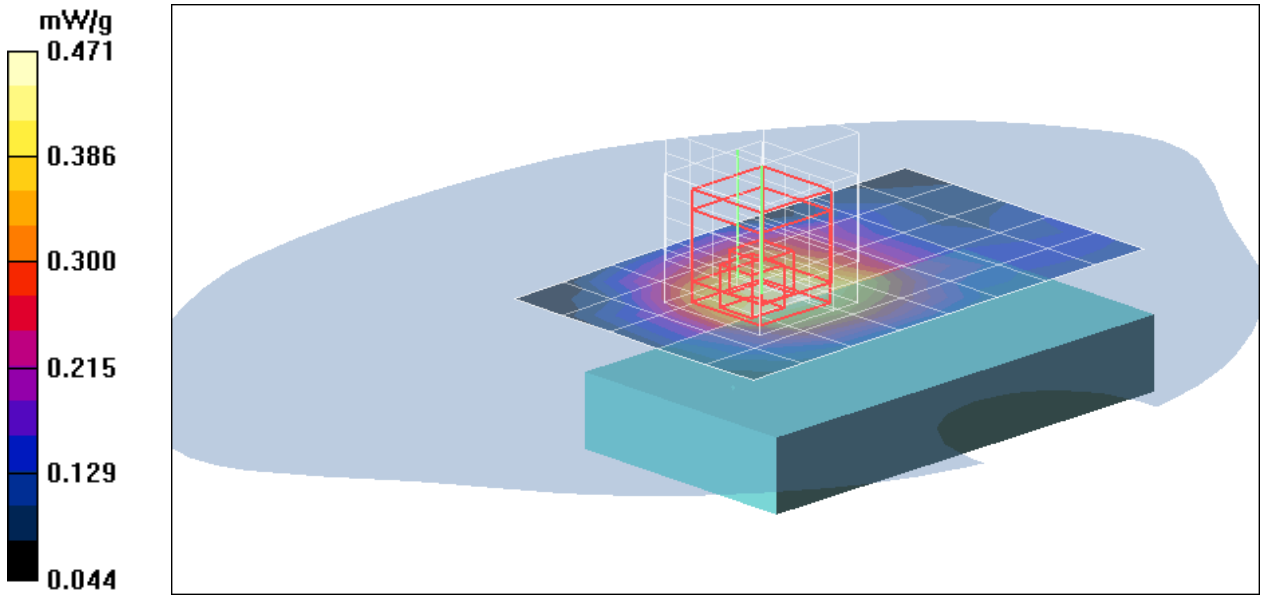
Maximum value of SAR (measured) = 0.453 mW/g

co-Location 802.11g+BT+EGPRS Body Face Down Low CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.471 mW/g

co-Location 802.11g+BT+EGPRS Body Face Down Low CH810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.512 mW/g


mW/g
0.471
0.386
0.300
0.215
0.129
0.044

Date/Time: 12/6/2007 5:14:09 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WCDMA Body Face Up Middle CH4183/Area Scan (6x10x1):

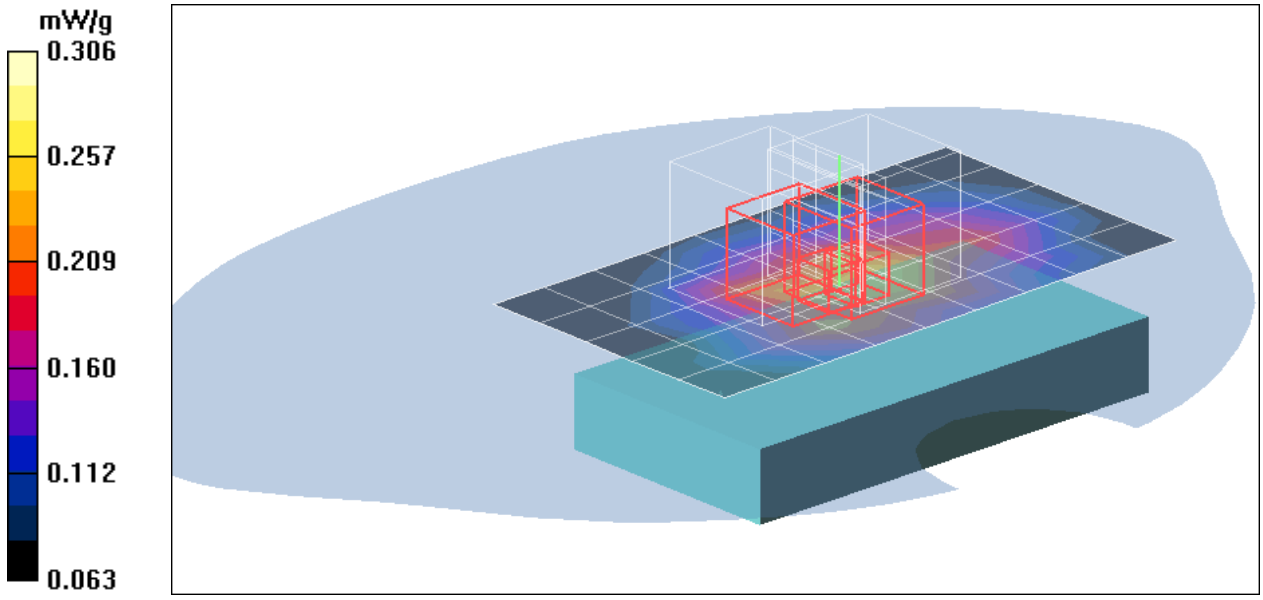
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.261 mW/g

WCDMA Body Face Up Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 0.266 mW/g

WCDMA Body Face Up Middle CH4183/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.264 mW/g


mW/g
0.306
0.257
0.209
0.160
0.112
0.063

Date/Time: 12/6/2007 5:38:36 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.913 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WCDMA Body Face Down Low CH4132/Area Scan (6x10x1):

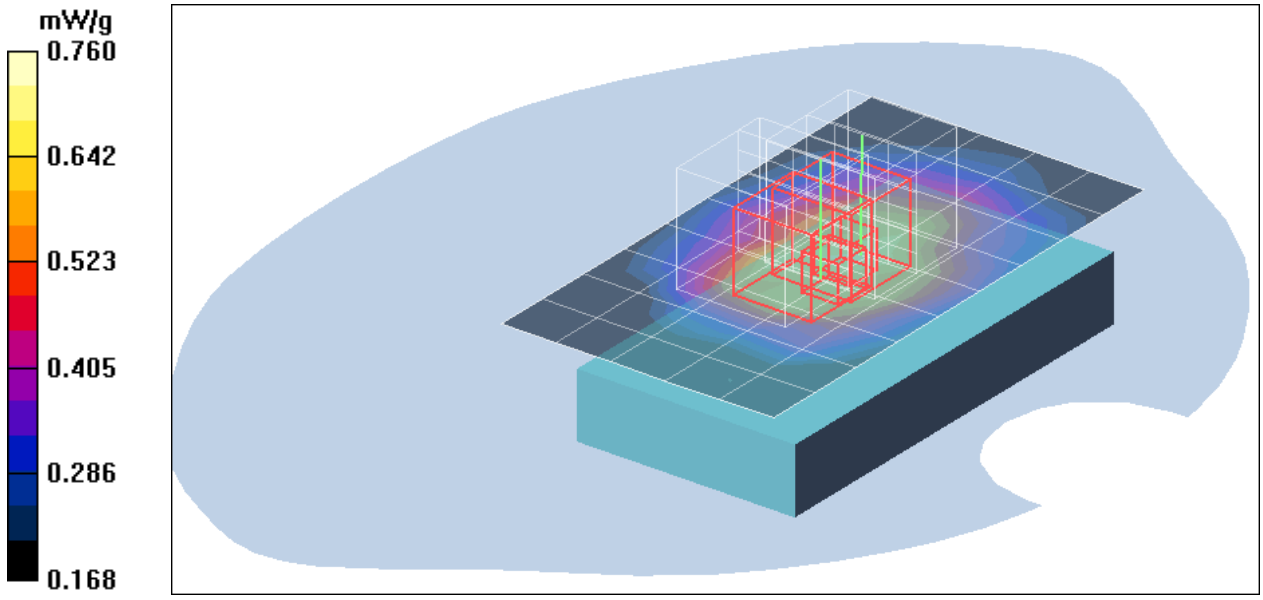
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.701 mW/g

WCDMA Body Face Down Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.524 mW/g
Maximum value of SAR (measured) = 0.730 mW/g

WCDMA Body Face Down Low CH4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.748 mW/g


mW/g
0.760
0.642
0.523
0.405
0.286
0.168

Date/Time: 12/6/2007 6:07:42 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

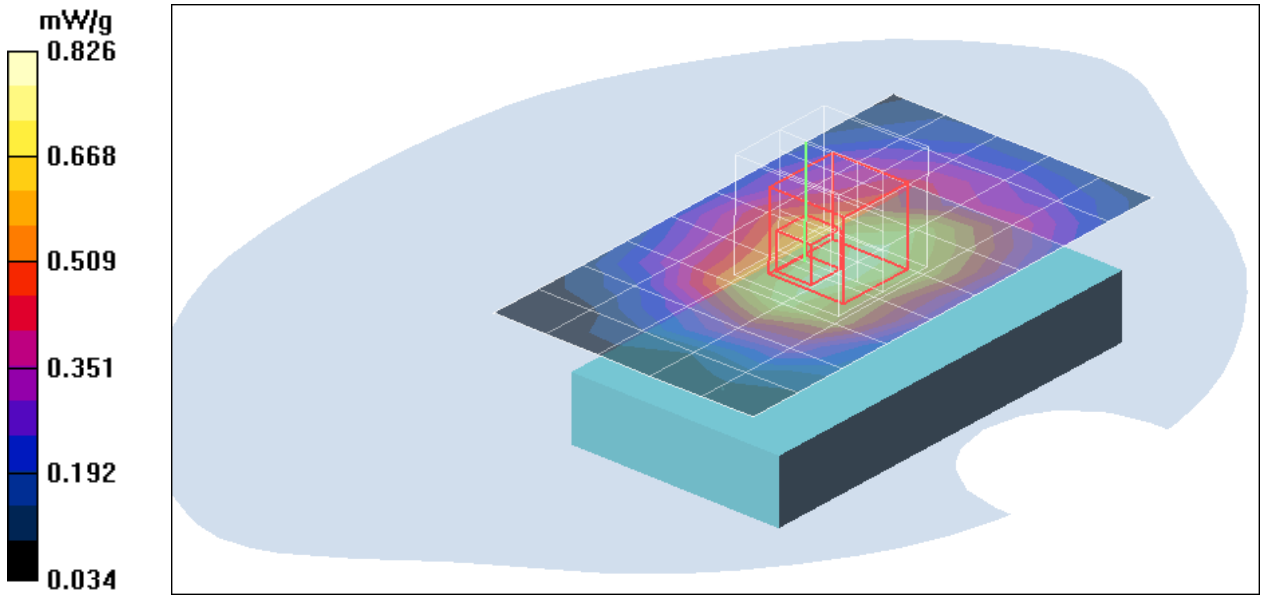
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WDMA Body Face Down Middle CH4183/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.776 mW/g

WDMA Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.760 mW/g


mW/g
0.826
0.668
0.509
0.351
0.192
0.034

Date/Time: 12/6/2007 6:30:33 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.931 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

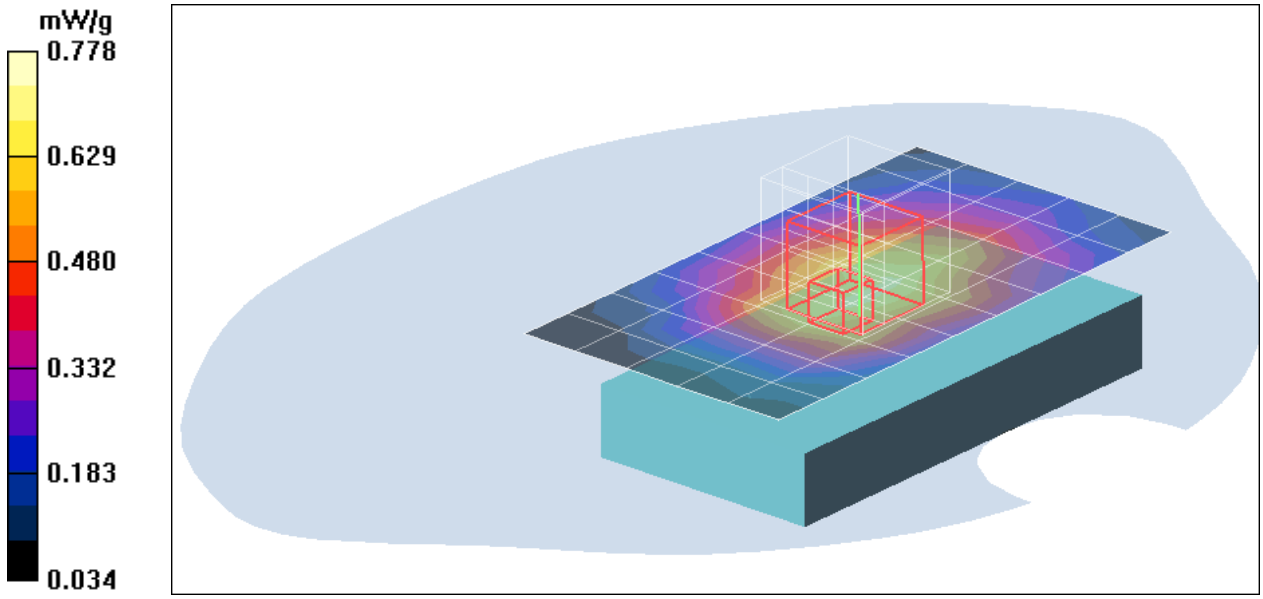
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WCDMA Body Face Down High CH4233/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.708 mW/g

WCDMA Body Face Down High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.697 mW/g


mW/g
0.778
0.629
0.480
0.332
0.183
0.034

Date/Time: 12/6/2007 6:58:55 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

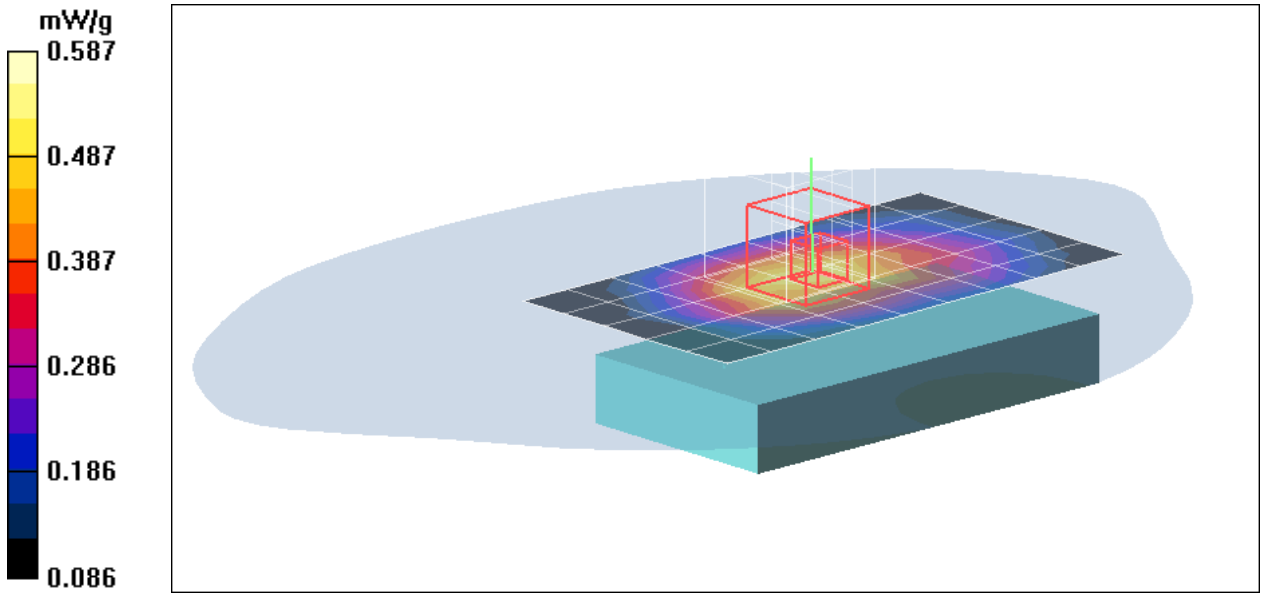
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+GPRS Body Face Down Middle CH4183/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.524 mW/g

co-Location 802.11b+BT+GPRS Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.360 mW/g
Maximum value of SAR (measured) = 0.517 mW/g


mW/g
0.587
0.487
0.387
0.286
0.186
0.086

Date/Time: 12/6/2007 7:22:33 PM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

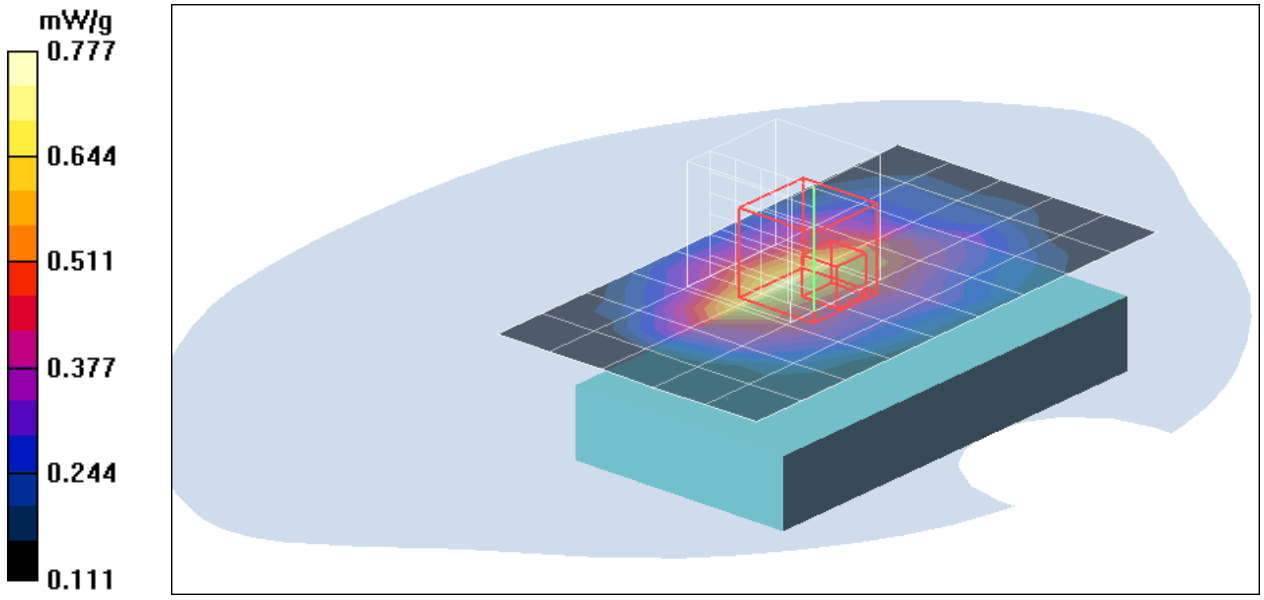
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+GPRS Body Face Down Middle CH4183/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.719 mW/g

co-Location 802.11g+BT+GPRS Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.783 W/kg
SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.520 mW/g
Maximum value of SAR (measured) = 0.777 mW/g


mW/g
0.777
0.644
0.511
0.377
0.244
0.111

Date/Time: 12/6/2007 7:50:45 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSDPA Body Face Up Middle CH4183/Area Scan (6x10x1):

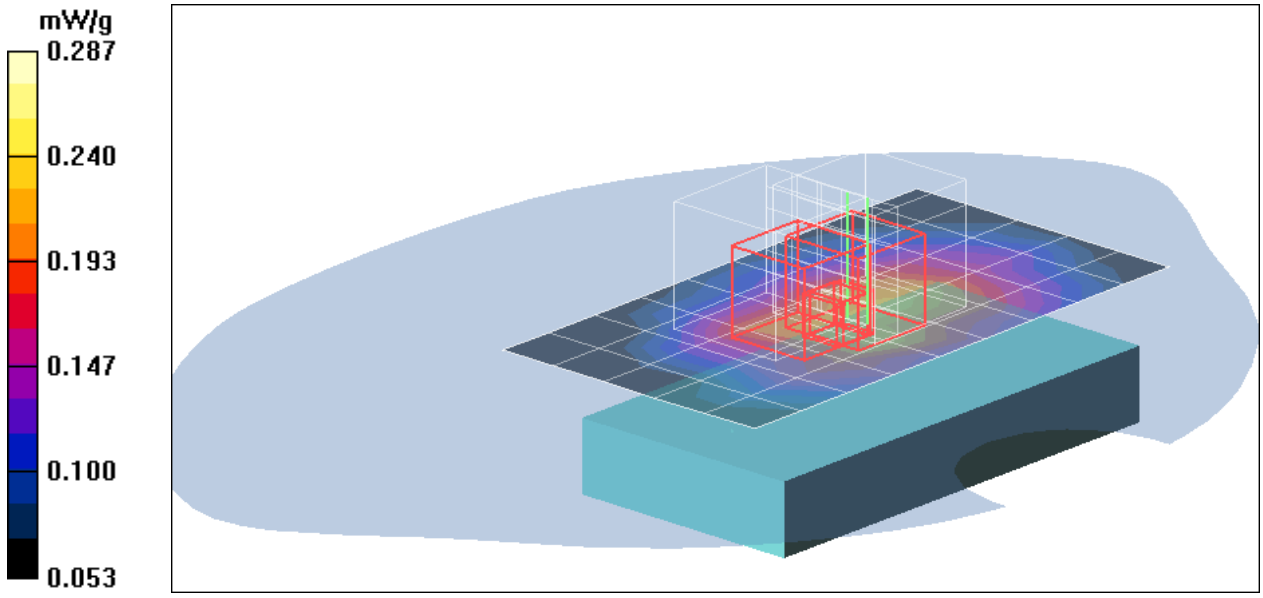
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.240 mW/g

HSDPA Body Face Up Middle CH4183/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.237 mW/g

HSDPA Body Face Up Middle CH4183/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.238 mW/g


mW/g
0.287
0.240
0.193
0.147
0.100
0.053

Date/Time: 12/6/2007 8:17:08 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.913 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

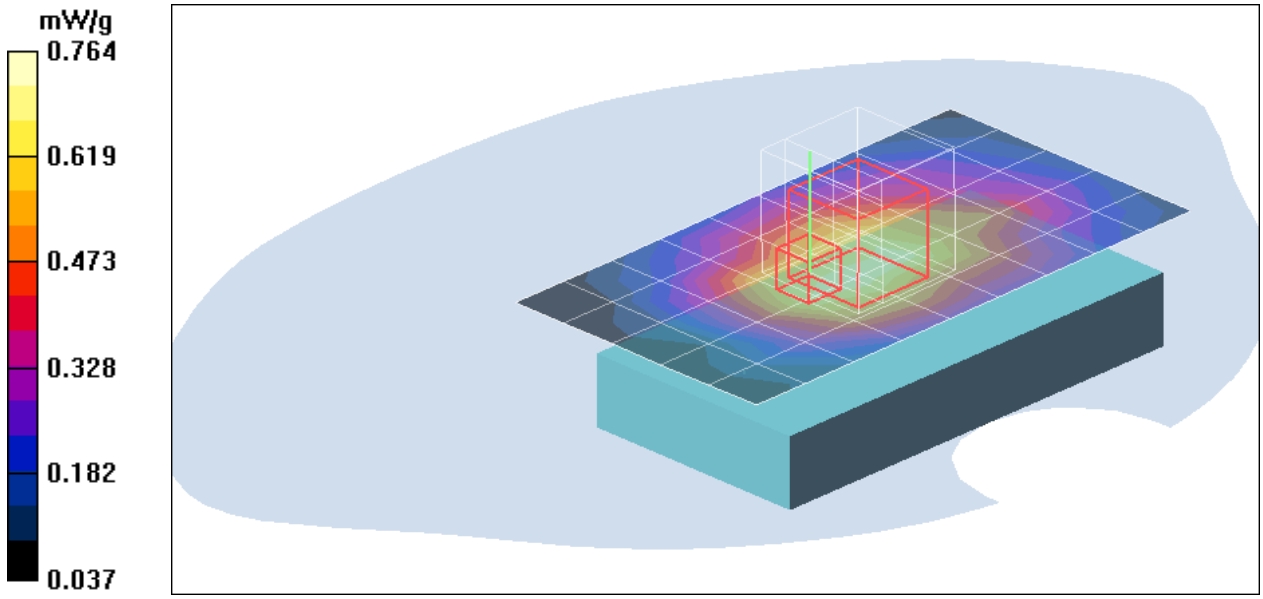
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WCDMA Body Face Down Low CH4132/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.724 mW/g

WCDMA Body Face Down Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.695 mW/g


mW/g
0.764
0.619
0.473
0.328
0.182
0.037

Date/Time: 12/6/2007 8:43:36 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

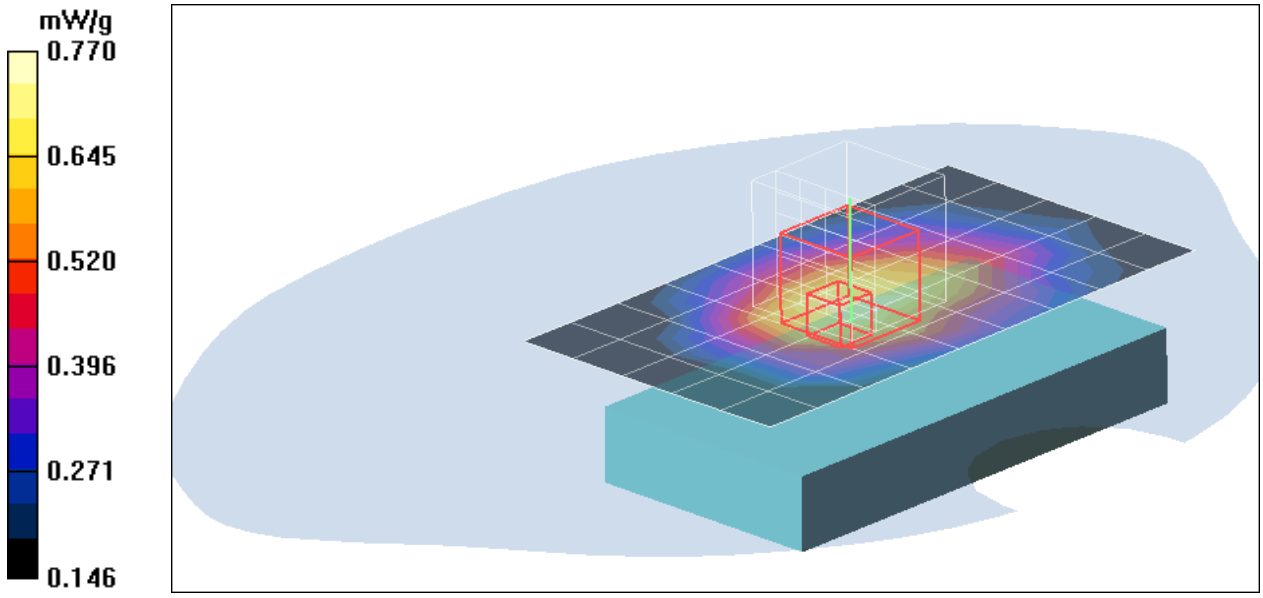
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSDPA Body Face Down Middle CH4183/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.717 mW/g

HSDPA Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.726 W/kg
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.504 mW/g
Maximum value of SAR (measured) = 0.720 mW/g


mW/g
0.770
0.645
0.520
0.396
0.271
0.146

Date/Time: 12/6/2007 9:06:56 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.931 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

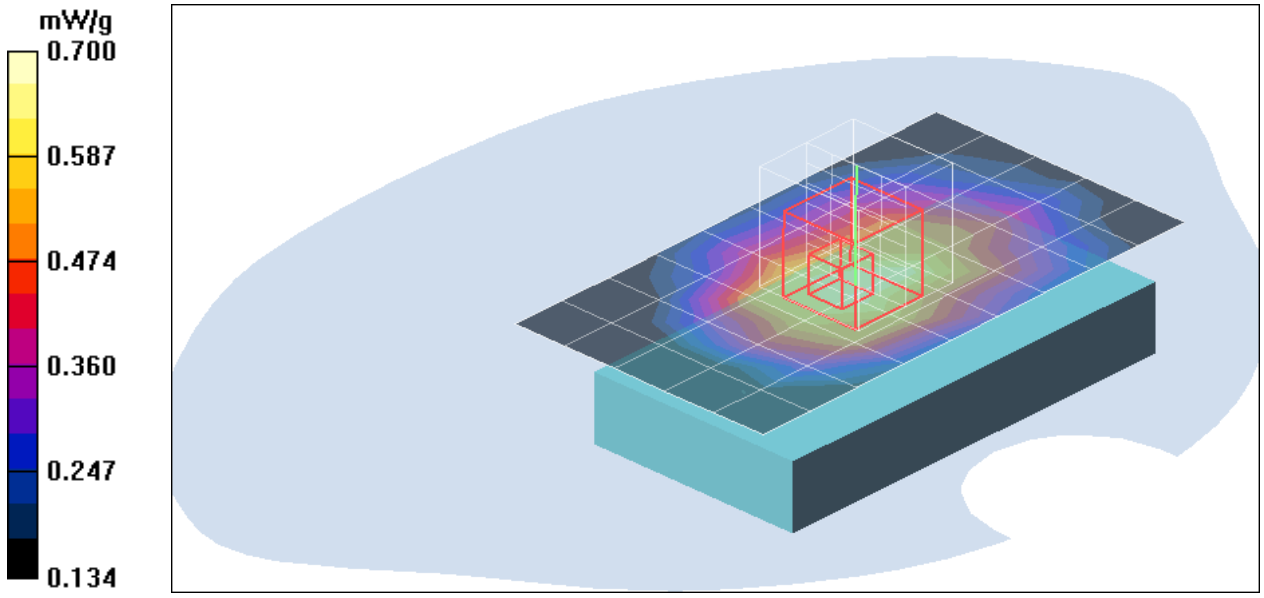
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSDPA Body Face Down High CH4233/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.665 mW/g

HSDPA Body Face Down High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.713 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 0.700 mW/g


mW/g
0.700
0.587
0.474
0.360
0.247
0.134

Date/Time: 12/6/2007 9:37:48 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

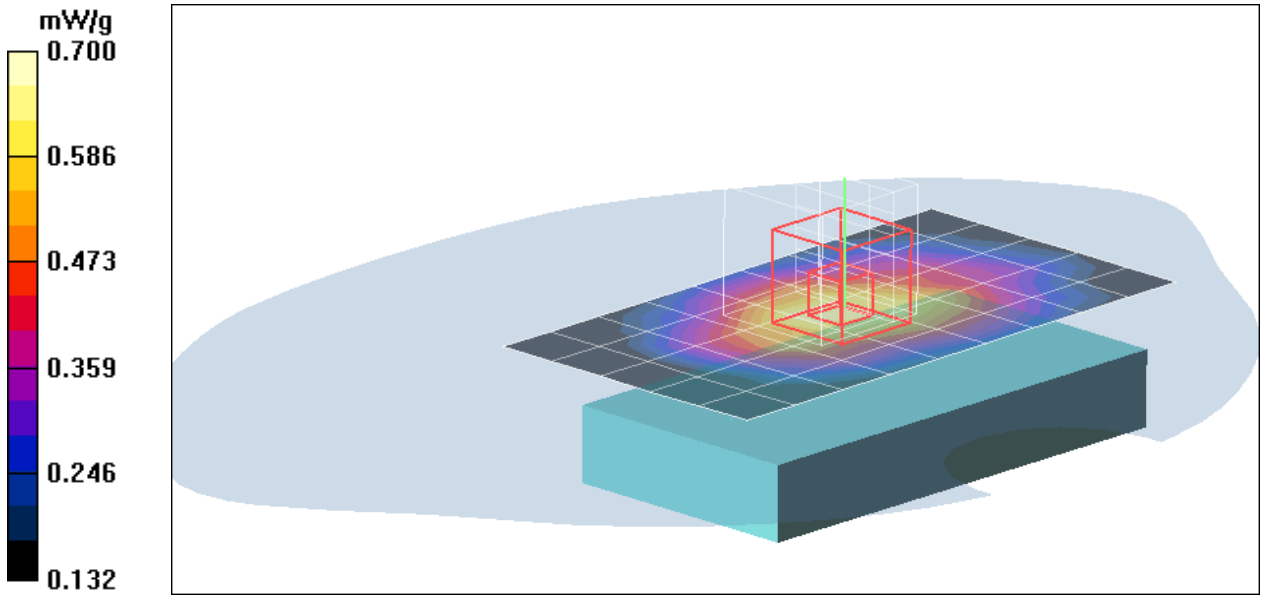
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+HSDPA Body Face Down Middle CH4183/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.646 mW/g

co-Location 802.11b+BT+HSDPA Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.670 mW/g


mW/g
0.700
0.586
0.473
0.359
0.246
0.132

Date/Time: 12/6/2007 10:04:40 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band v-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+HSDPA Body Face Down Middle CH4183/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

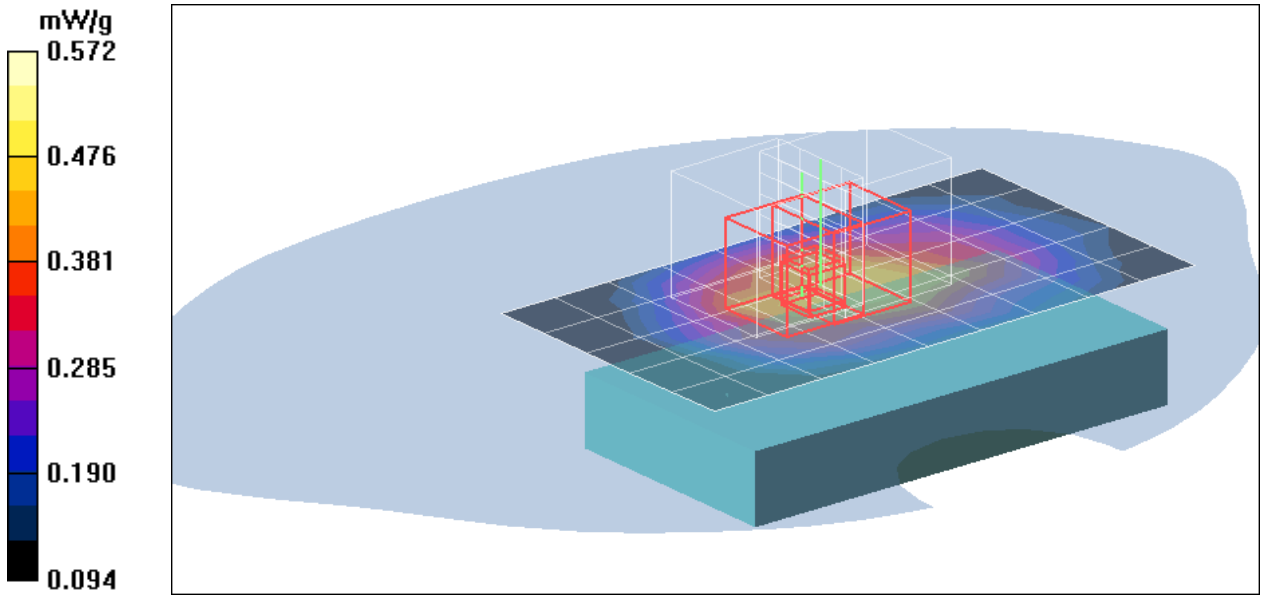
Maximum value of SAR (measured) = 0.484 mW/g

co-Location 802.11g+BT+HSDPA Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.502 mW/g

co-Location 802.11g+BT+HSDPA Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.339 mW/g
Maximum value of SAR (measured) = 0.513 mW/g


mW/g
0.572
0.476
0.381
0.285
0.190
0.094

Date/Time: 12/6/2007 10:26:32 PM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band v-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

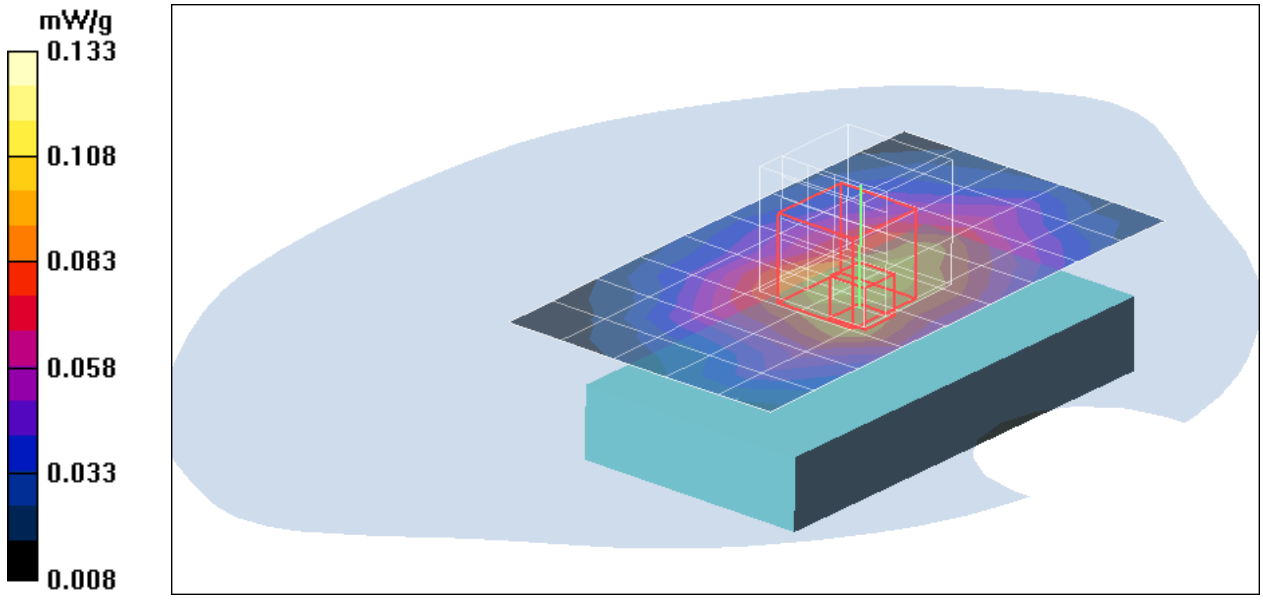
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Up Middle CH4183/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.103 mW/g

HSUPA Body Face Up Middle CH4183/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.52 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.107 mW/g


mW/g
0.133
0.108
0.083
0.058
0.033
0.008

Date/Time: 12/6/2007 11:06:41 PM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band v-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.913 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

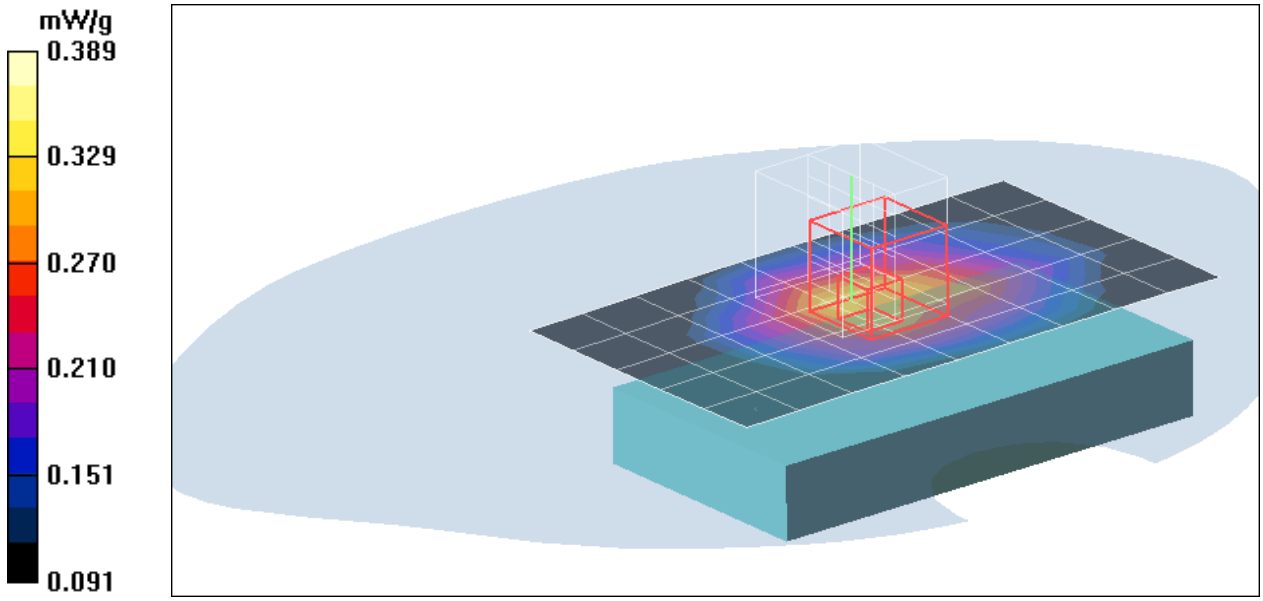
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Down Low CH4132/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.324 mW/g

HSUPA Body Face Down Low CH4132/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.276 mW/g
Maximum value of SAR (measured) = 0.339 mW/g


mW/g
0.389
0.329
0.270
0.210
0.151
0.091

Date/Time: 12/6/2007 10:47:40 PM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band v-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.922 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

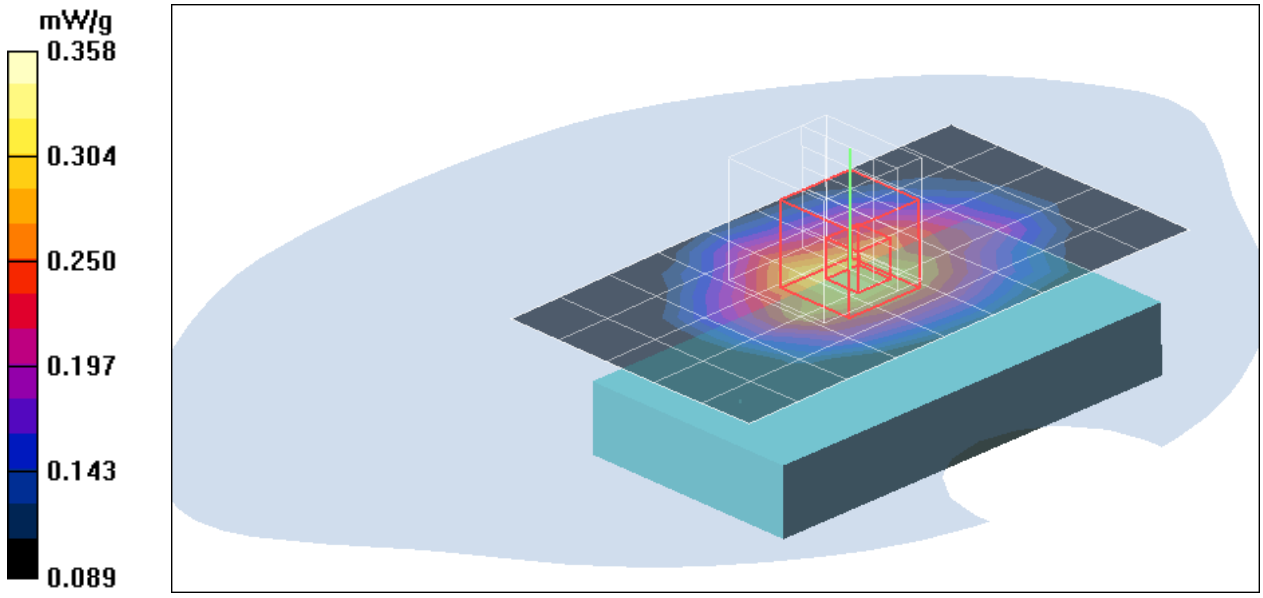
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Down Middle CH4183/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.309 mW/g

HSUPA Body Face Down Middle CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.318 mW/g


mW/g
0.358
0.304
0.250
0.197
0.143
0.089

Date/Time: 12/6/2007 11:29:54 PM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band v-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.931 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

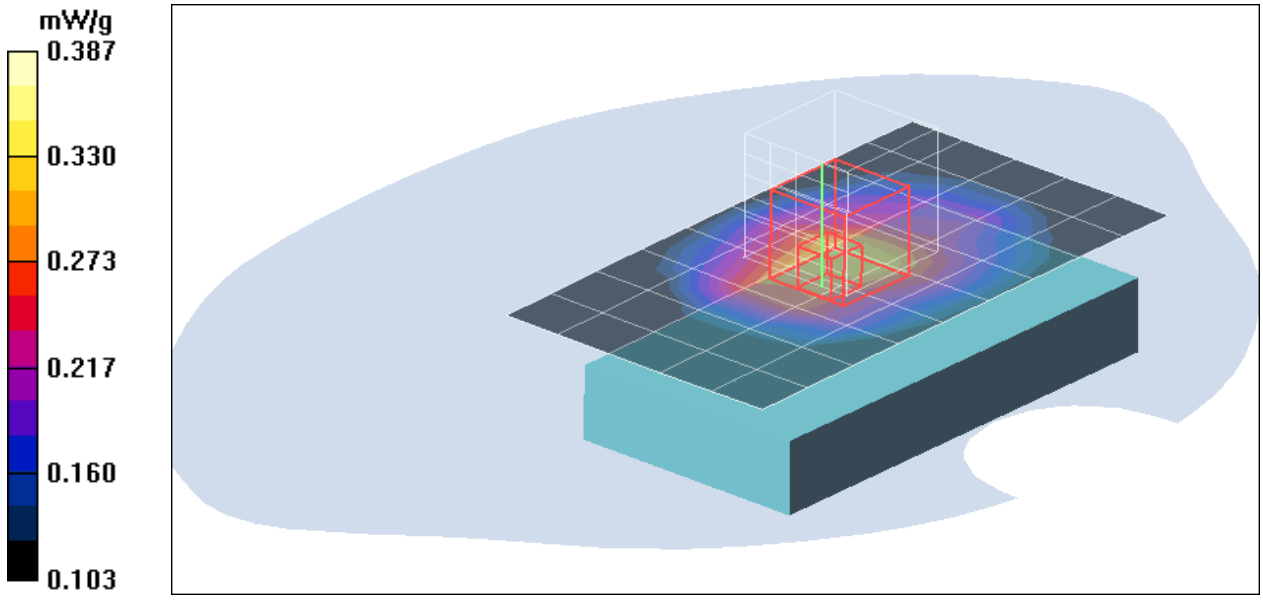
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Down High CH4233/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.318 mW/g

HSUPA Body Face Down High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.347 mW/g


mW/g
0.387
0.330
0.273
0.217
0.160
0.103

Date/Time: 12/6/2007 11:52:41 PM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band v-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.931 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

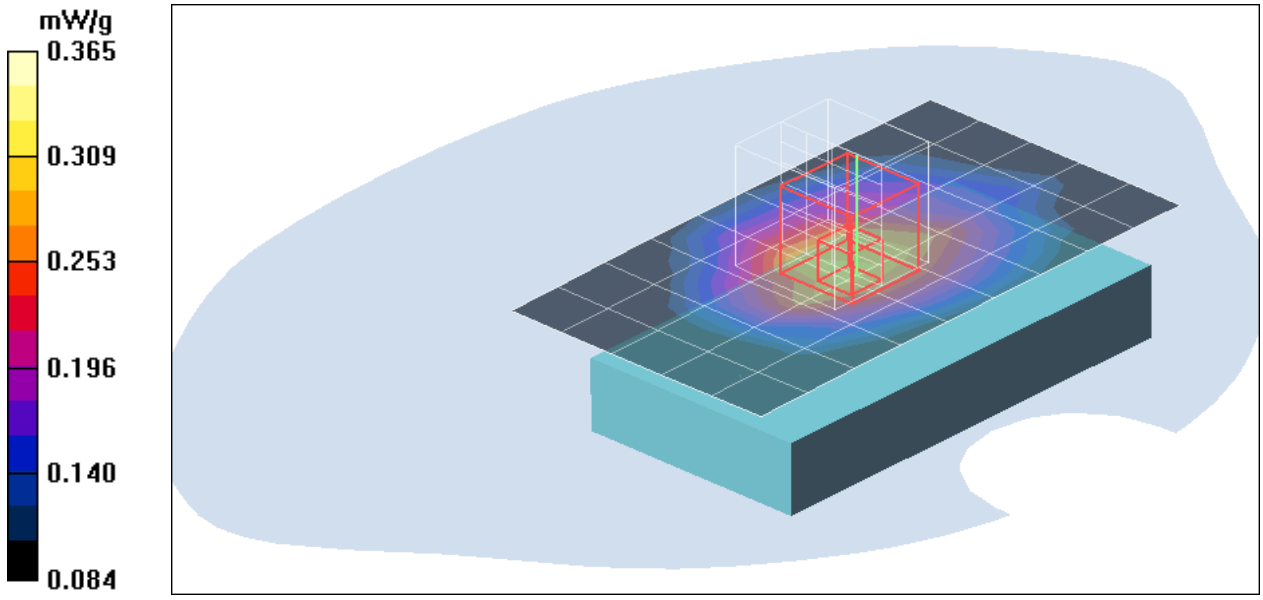
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+HSUPA Body Face Down High CH4233/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.300 mW/g

co-Location 802.11b+BT+HSUPA Body Face Down High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.305 mW/g


mW/g
0.365
0.309
0.253
0.196
0.140
0.084

Date/Time: 12/7/2007 12:15:03 AM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band v-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.931 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

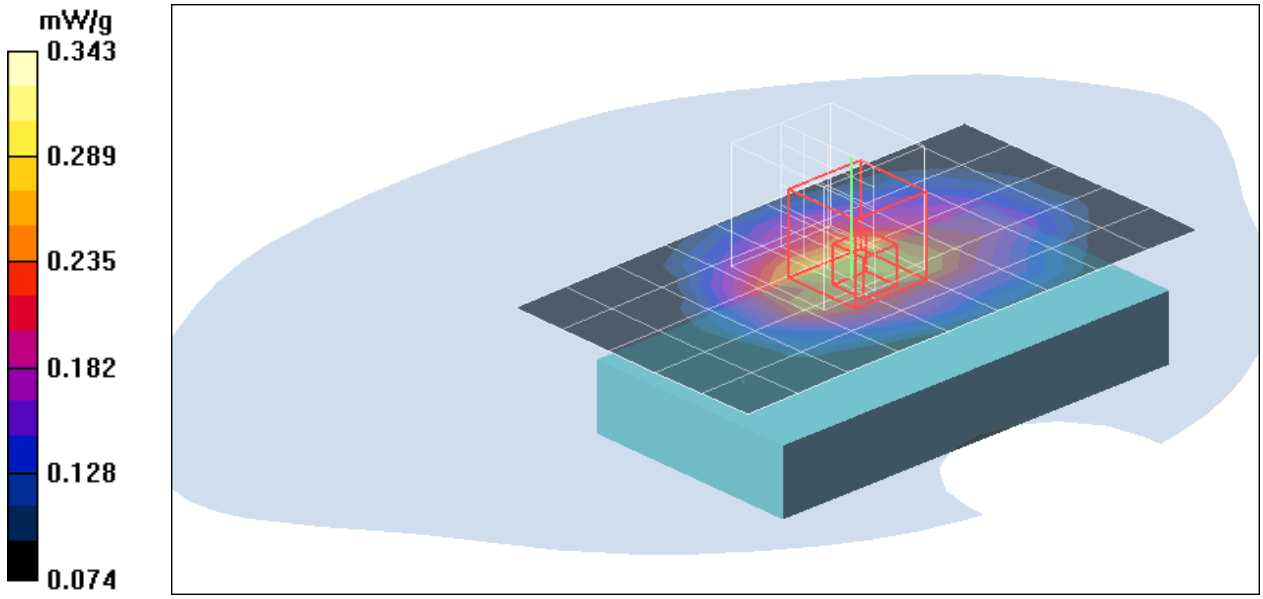
- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+HSUPA Body Face Down Middle CH4233/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.282 mW/g

co-Location 802.11g+BT+HSUPA Body Face Down Middle CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.293 mW/g


mW/g
0.343
0.289
0.235
0.182
0.128
0.074

Date/Time: 12/5/2007 2:47:46 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

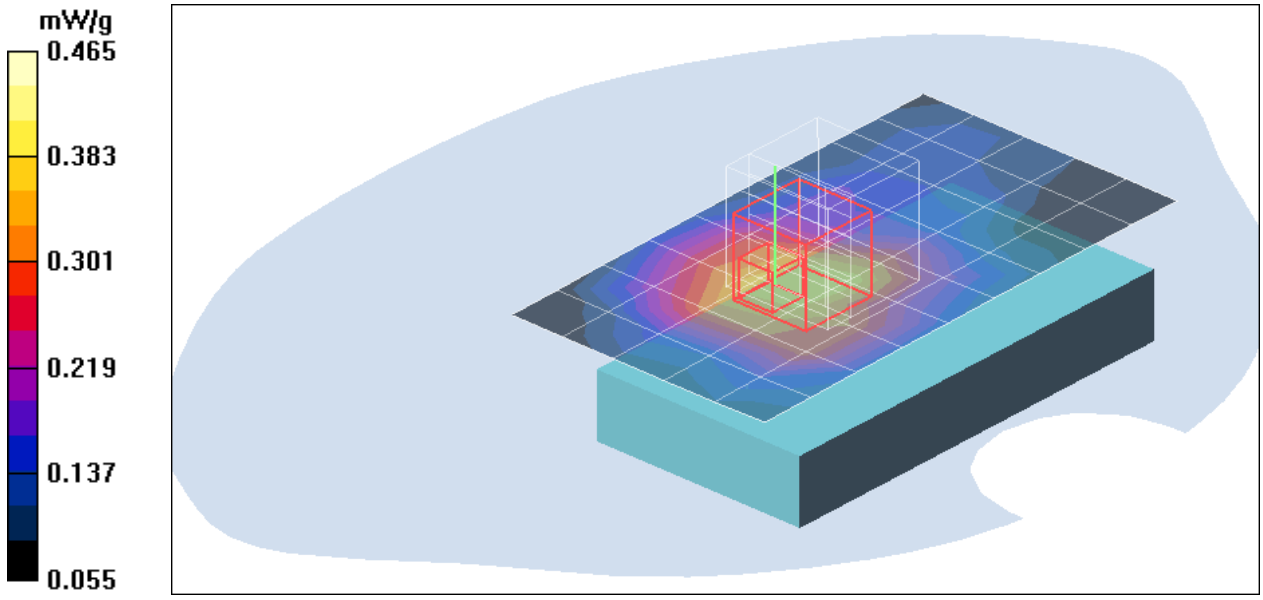
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WCDMA Body Face Up Middle CH9400/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.386 mW/g

WCDMA Body Face Up Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.465 mW/g


mW/g
0.465
0.383
0.301
0.219
0.137
0.055

Date/Time: 12/5/2007 3:13:16 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

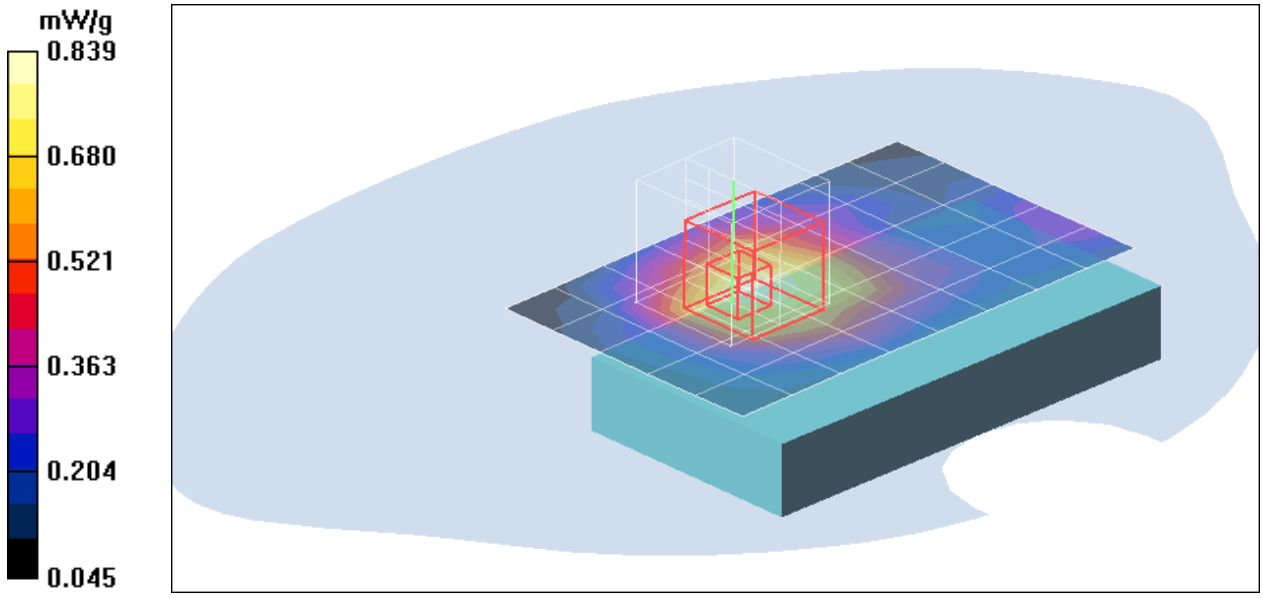
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WCDMA Body Face Down Low CH9262/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.854 mW/g

WCDMA Body Face Down Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.884 W/kg
SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 0.839 mW/g


mW/g
0.839
0.680
0.521
0.363
0.204
0.045

Date/Time: 12/5/2007 3:33:32 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

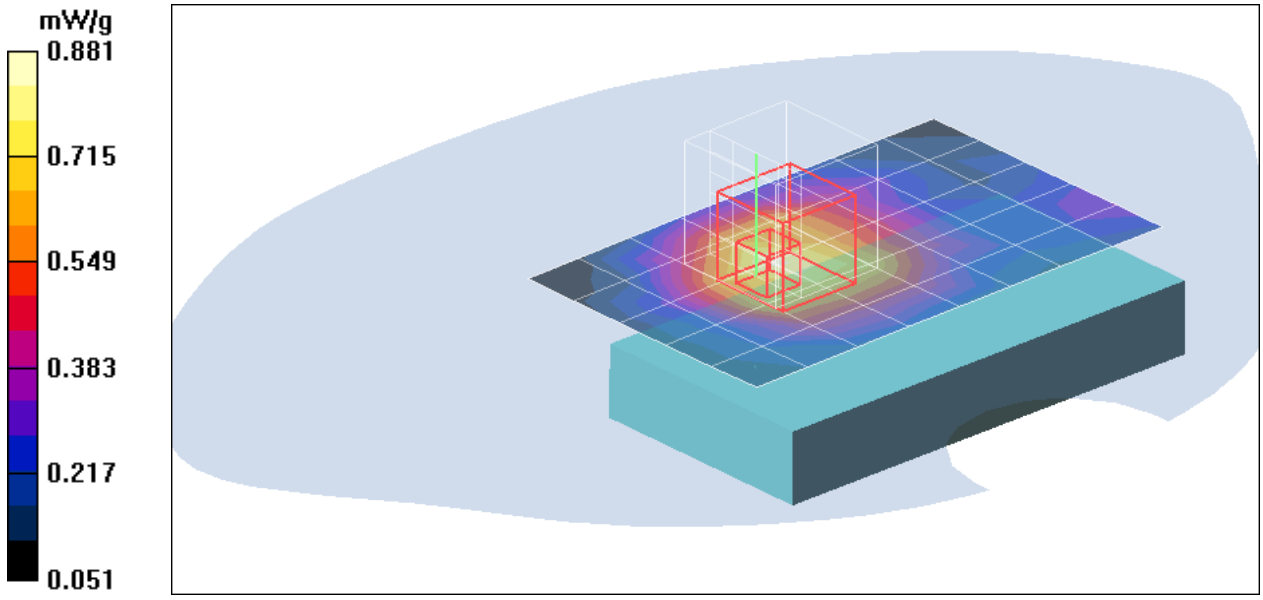
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WDMA Body Face Down Middle CH9400/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.860 mW/g

WDMA Body Face Down Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.3 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.995 W/kg
SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 0.881 mW/g


mW/g
0.881
0.715
0.549
0.383
0.217
0.051

Date/Time: 12/5/2007 3:55:04 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.51 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

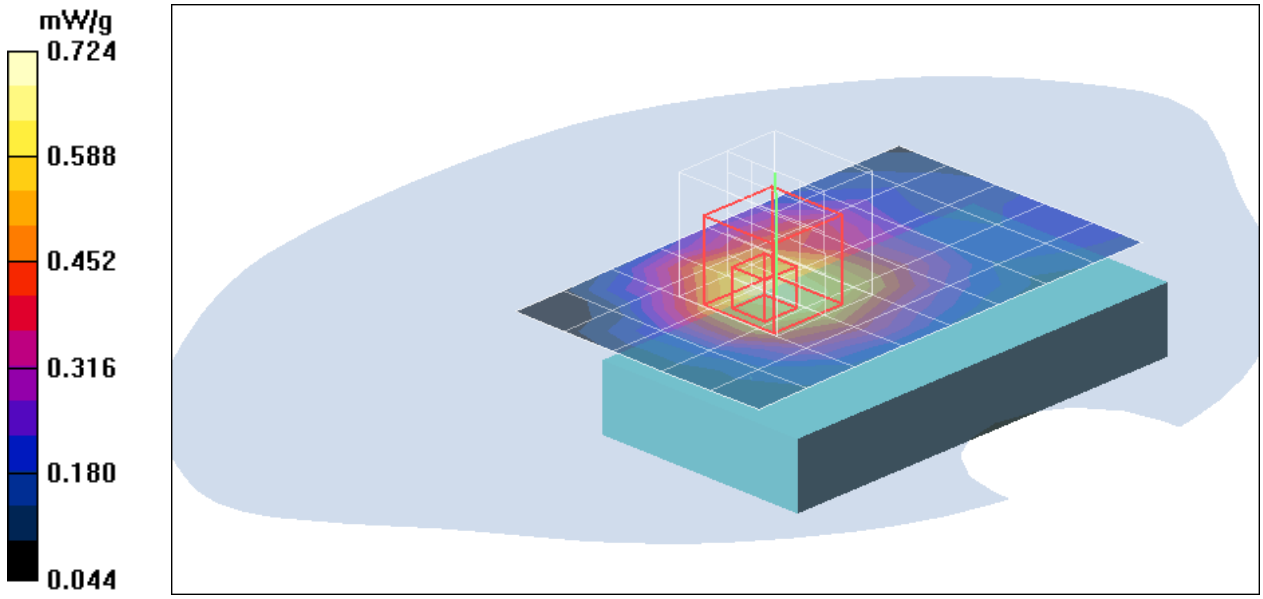
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

WCDMA Body Face Down High CH9538/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.684 mW/g

WCDMA Body Face Down High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.706 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.374 mW/g
Maximum value of SAR (measured) = 0.667 mW/g


mW/g
0.724
0.588
0.452
0.316
0.180
0.044

Date/Time: 12/5/2007 4:19:55 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

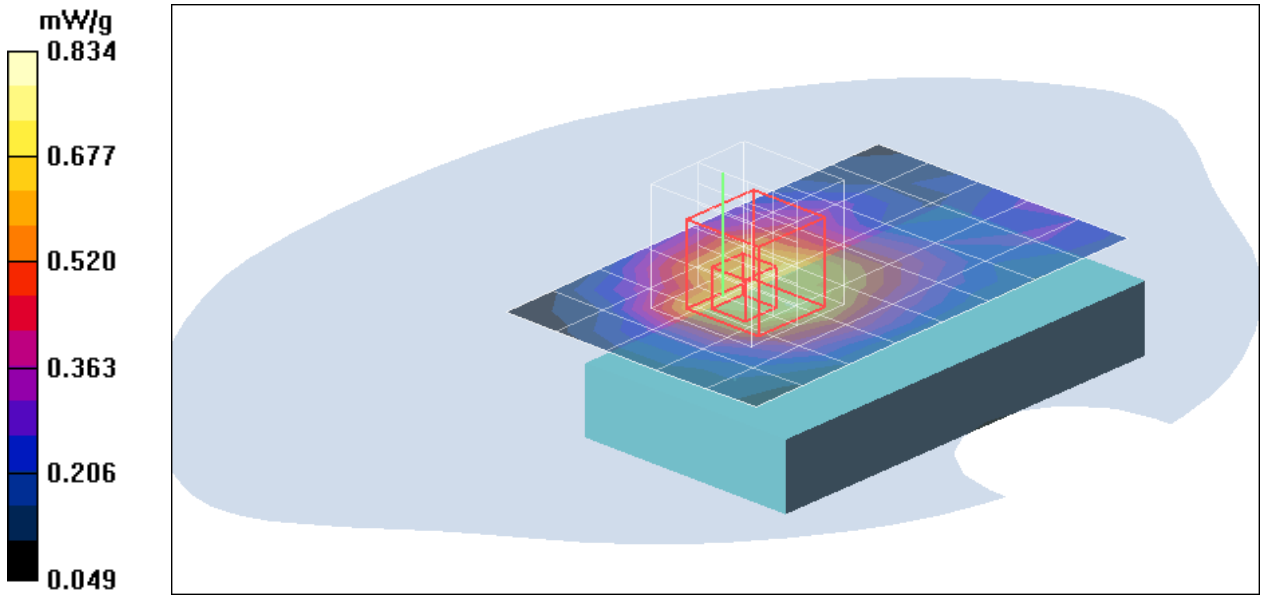
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+GPRS Body Face Down Middle CH9400/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.737 mW/g

co-Location 802.11b+BT+GPRS Body Face Down Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.453 mW/g
Maximum value of SAR (measured) = 0.794 mW/g


mW/g
0.834
0.677
0.520
0.363
0.206
0.049

Date/Time: 12/5/2007 4:44:58 AM

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

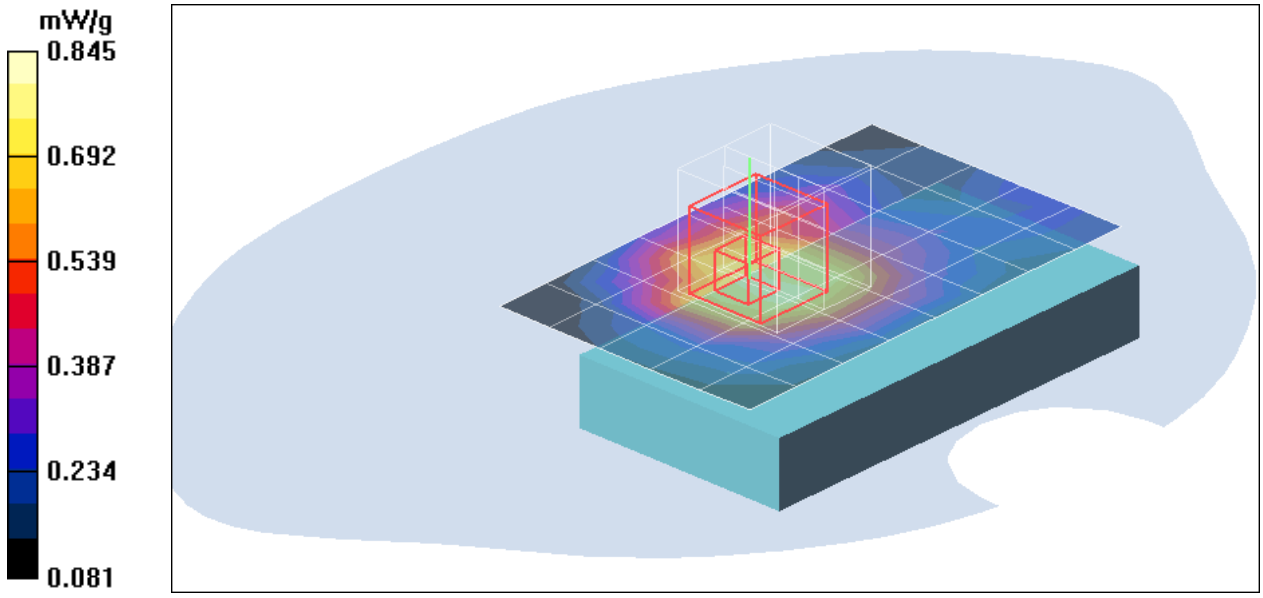
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+GPRS Body Face Down Middle CH9400/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.773 mW/g

co-Location 802.11g+BT+GPRS Body Face Down Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.921 W/kg
SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 0.825 mW/g


mW/g
0.845
0.692
0.539
0.387
0.234
0.081

Date/Time: 12/4/2007 10:18:24 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSDPA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

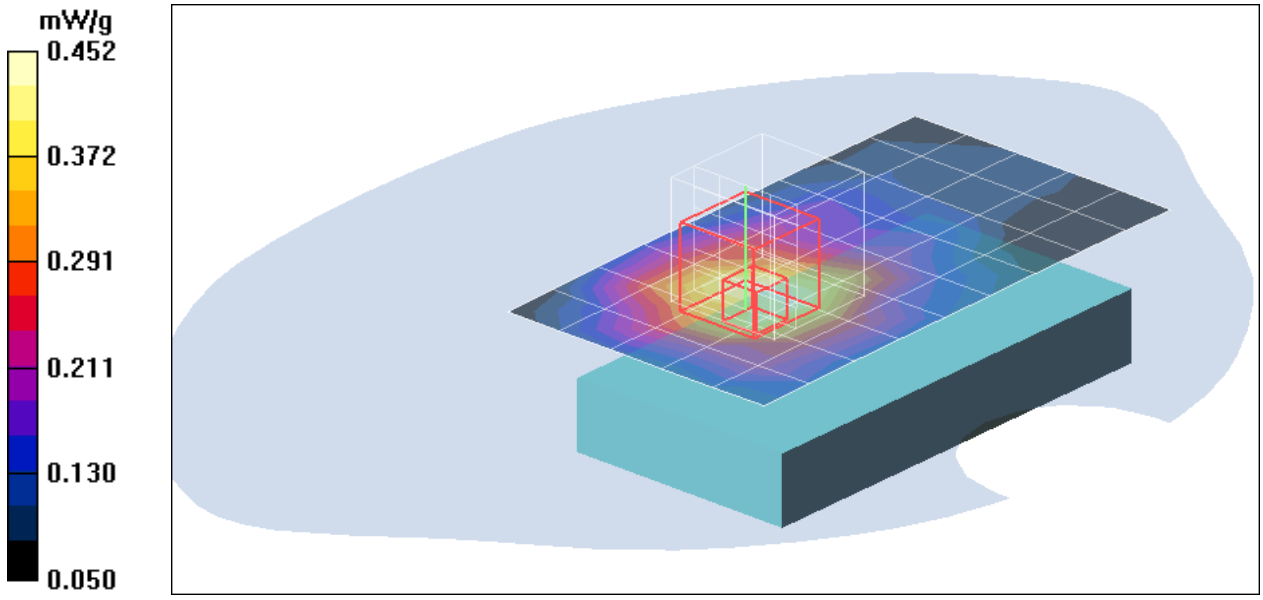
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSDPA Body Face Up Middle CH9400/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.442 mW/g

HSDPA Body Face Up Middle CH9400/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.452 mW/g


mW/g
0.452
0.372
0.291
0.211
0.130
0.050

Date/Time: 12/4/2007 11:02:24 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSDPA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

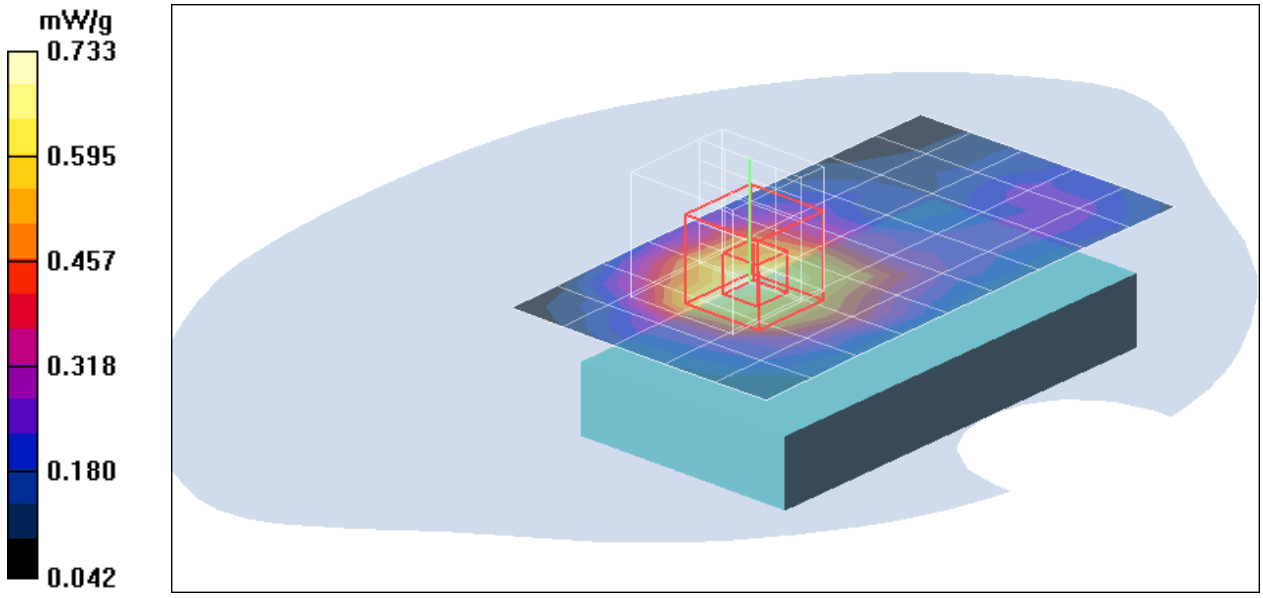
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSDPA Body Face Down Low CH9262/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.717 mW/g

HSDPA Body Face Down Low CH9262/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 0.733 mW/g


mW/g
0.733
0.595
0.457
0.318
0.180
0.042

Date/Time: 12/4/2007 10:41:21 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSDPA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

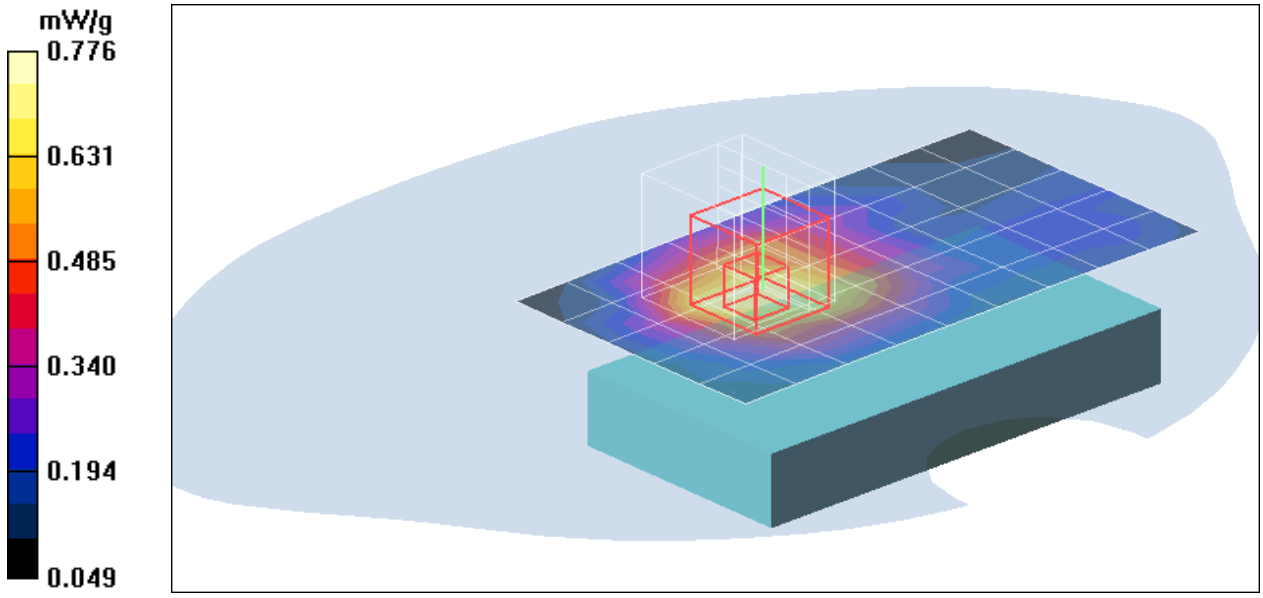
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSDPA Body Face Down Middle CH9400/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.739 mW/g

HSDPA Body Face Down Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.816 W/kg
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 0.776 mW/g


mW/g
0.776
0.631
0.485
0.340
0.194
0.049

Date/Time: 12/4/2007 11:29:22 PM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSDPA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.51 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

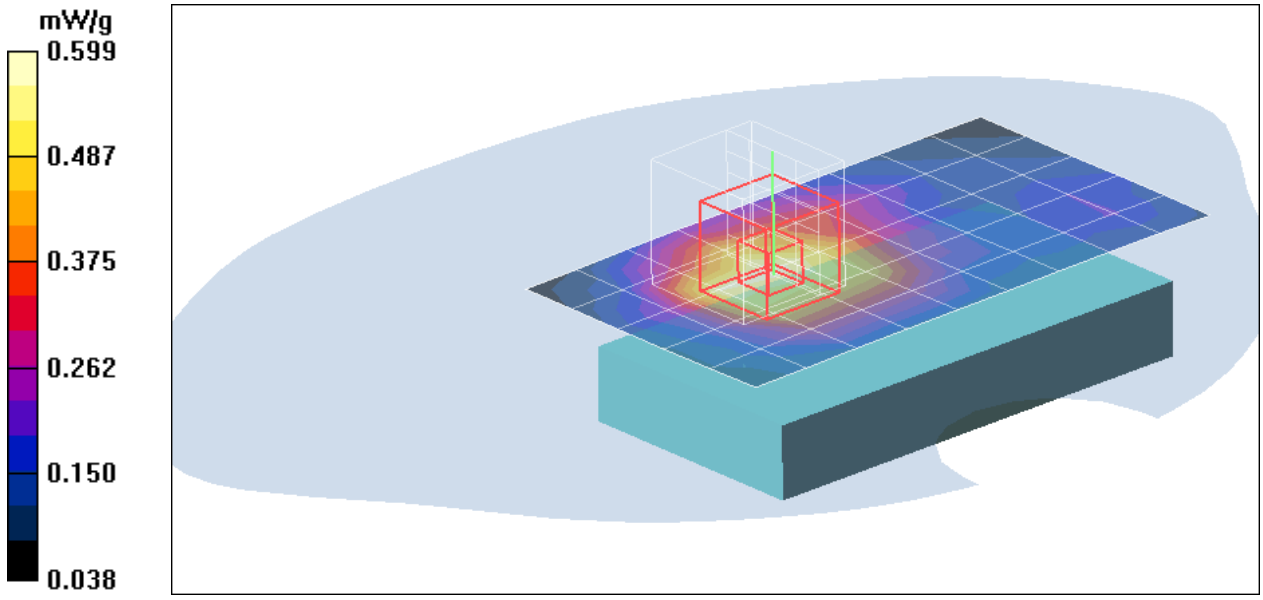
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSDPA Body Face Down High CH9538/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.595 mW/g

HSDPA Body Face Down High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.333 mW/g
Maximum value of SAR (measured) = 0.569 mW/g


mW/g
0.599
0.487
0.375
0.262
0.150
0.038

Date/Time: 12/4/2007 12:59:16 AM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSDPA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

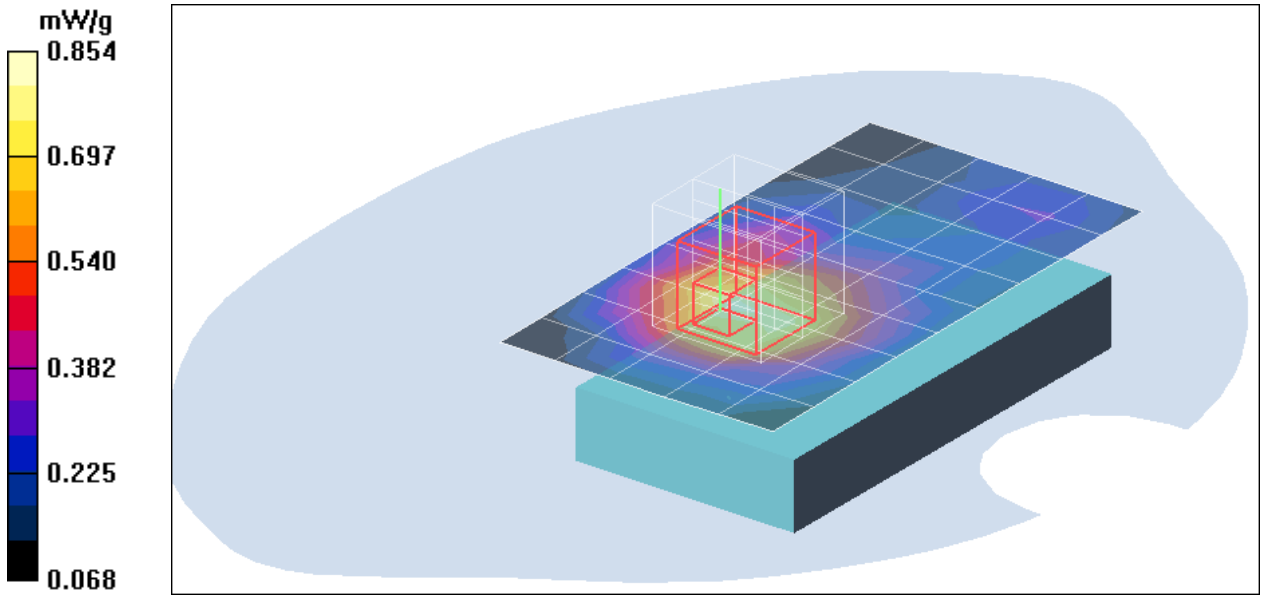
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+HSDPA Body Face Down Middle CH9400/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.833 mW/g

co-Location 802.11b+BT+HSDPA Body Face Down Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.974 W/kg
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.477 mW/g
Maximum value of SAR (measured) = 0.854 mW/g


mW/g
0.854
0.697
0.540
0.382
0.225
0.068

Date/Time: 12/4/2007 12:33:48 AM

Test Laboratory: Compliance Certification Services Inc.

HSDPA Band II-Body ULTIMATE 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSDPA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

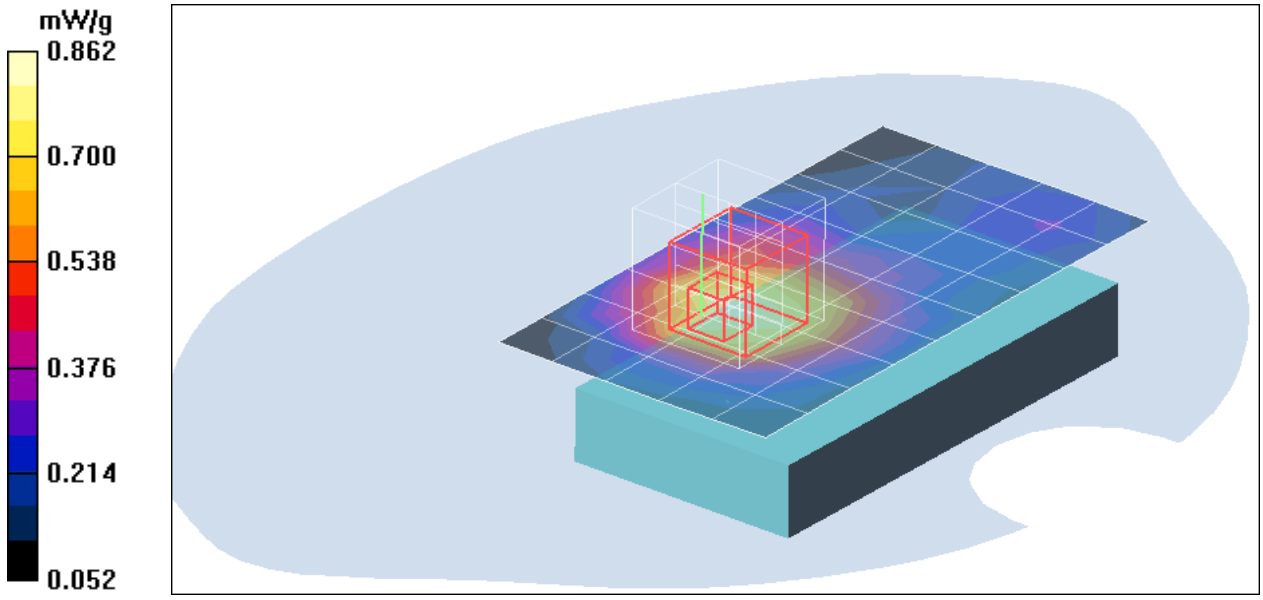
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+HSDPA Body Face Down Middle CH9400/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.851 mW/g

co-Location 802.11g+BT+HSDPA Body Face Down Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.0 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.478 mW/g
Maximum value of SAR (measured) = 0.862 mW/g


mW/g
0.862
0.700
0.538
0.376
0.214
0.052

Date/Time: 12/5/2007 3:26:21 AM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band II-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

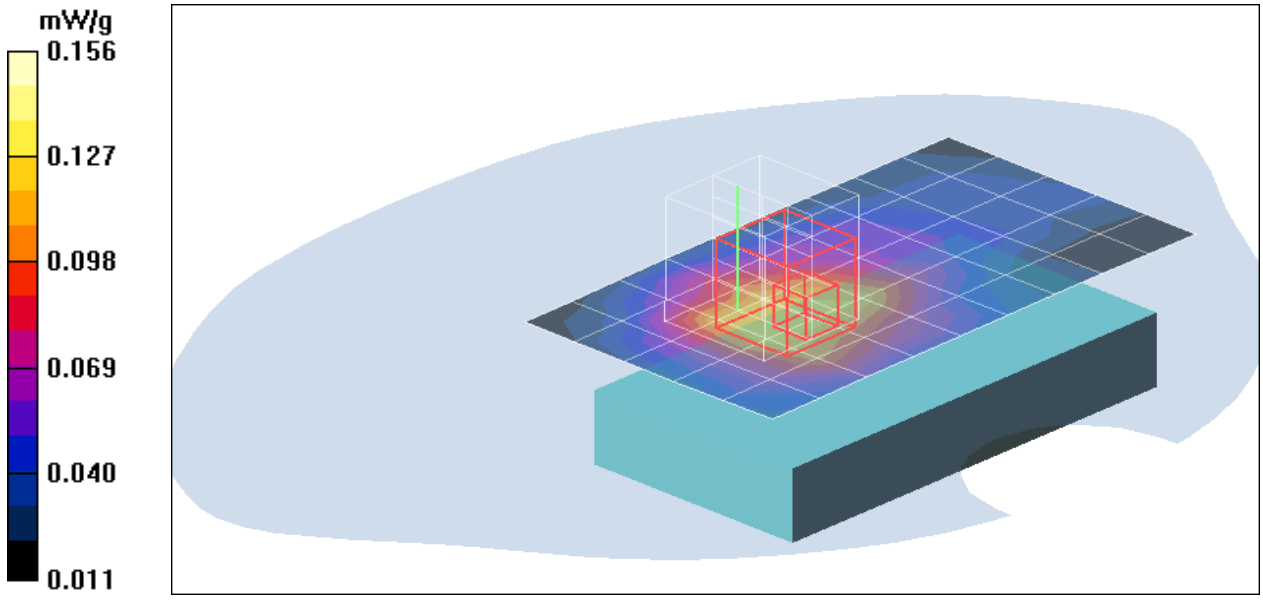
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Up Middle CH9400/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.126 mW/g

HSUPA Body Face Up Middle CH9400/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.65 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.141 mW/g


mW/g
0.156
0.127
0.098
0.069
0.040
0.011

Date/Time: 12/5/2007 4:06:51 AM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band II-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

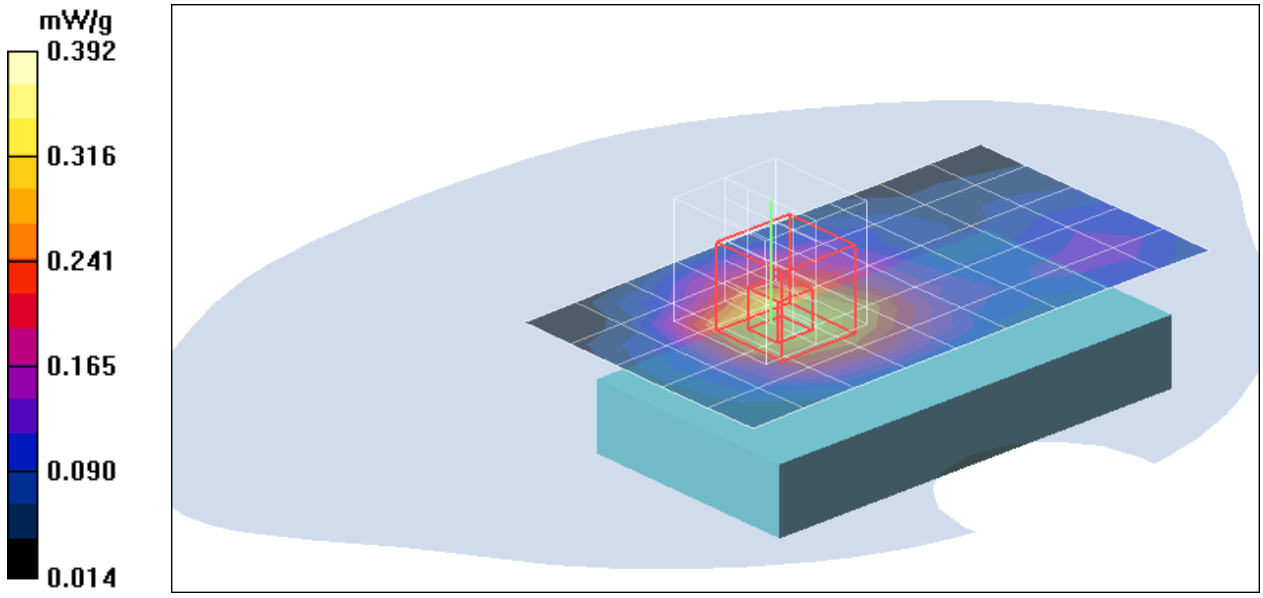
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Down Low CH9262/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.332 mW/g

HSUPA Body Face Down Low CH9262/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.351 mW/g


mW/g
0.392
0.316
0.241
0.165
0.090
0.014

Date/Time: 12/5/2007 3:48:35 AM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band II-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

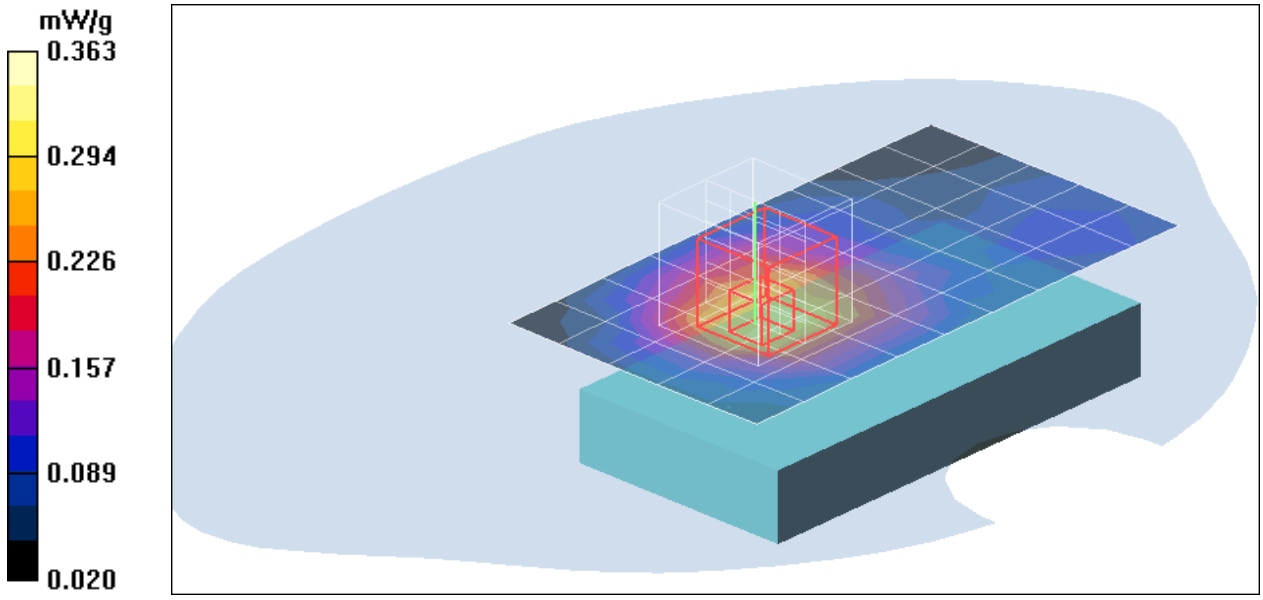
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Down Middle CH9400/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.313 mW/g

HSUPA Body Face Down Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.188 mW/g
Maximum value of SAR (measured) = 0.323 mW/g


mW/g
0.363
0.294
0.226
0.157
0.089
0.020

Date/Time: 12/5/2007 4:29:08 AM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band II-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.51 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

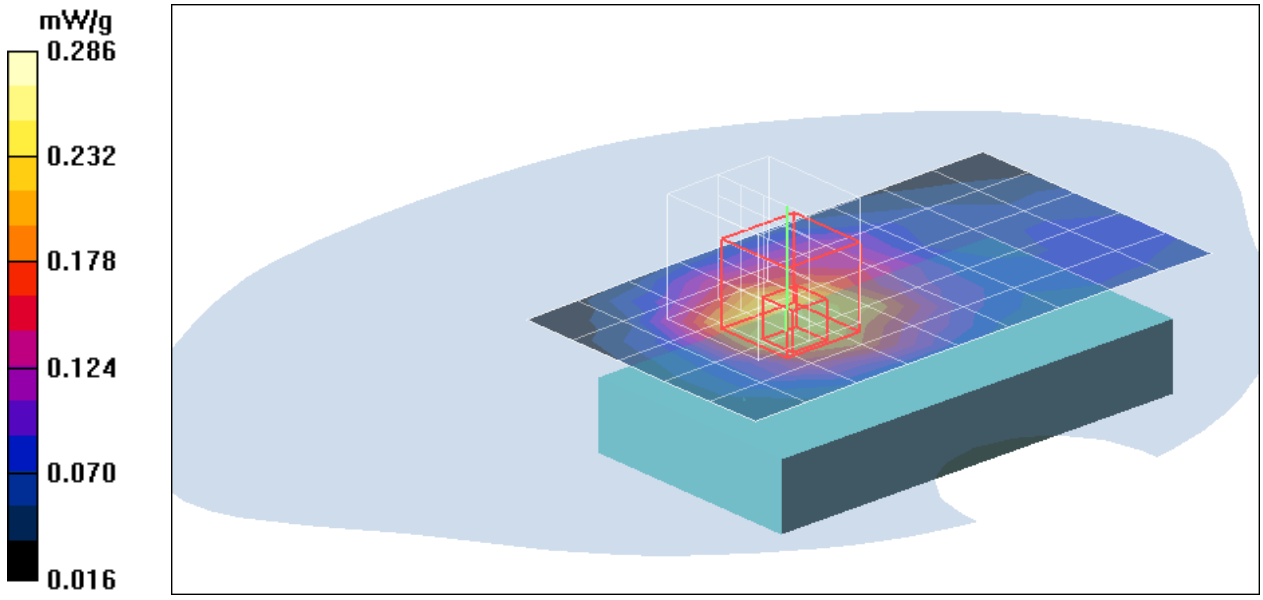
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

HSUPA Body Face Down High CH9538/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.246 mW/g

HSUPA Body Face Down High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.264 mW/g


mW/g
0.286
0.232
0.178
0.124
0.070
0.016

Date/Time: 12/5/2007 4:53:20 AM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band II-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

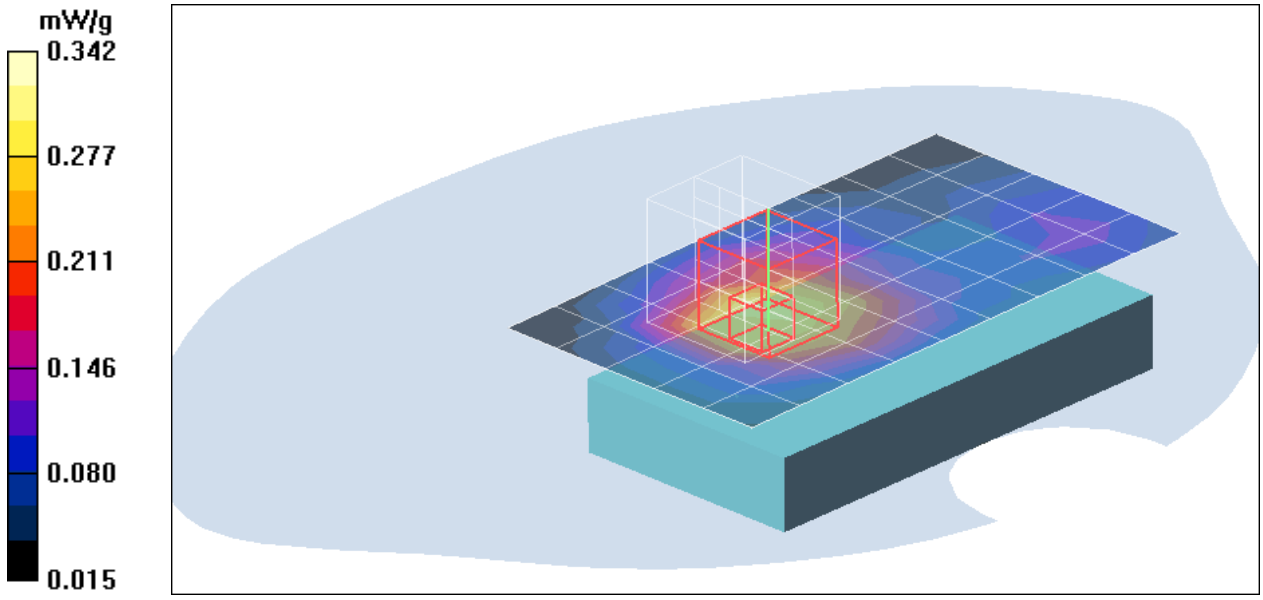
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11b+BT+HSUPA Body Face Down Low CH9262/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.302 mW/g

co-Location 802.11b+BT+HSUPA Body Face Down Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.325 mW/g


mW/g
0.342
0.277
0.211
0.146
0.080
0.015

Date/Time: 12/5/2007 5:15:35 AM

Test Laboratory: Compliance Certification Services Inc.

HSUPA Band II-Body ATLAS 9502

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: HSUPA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

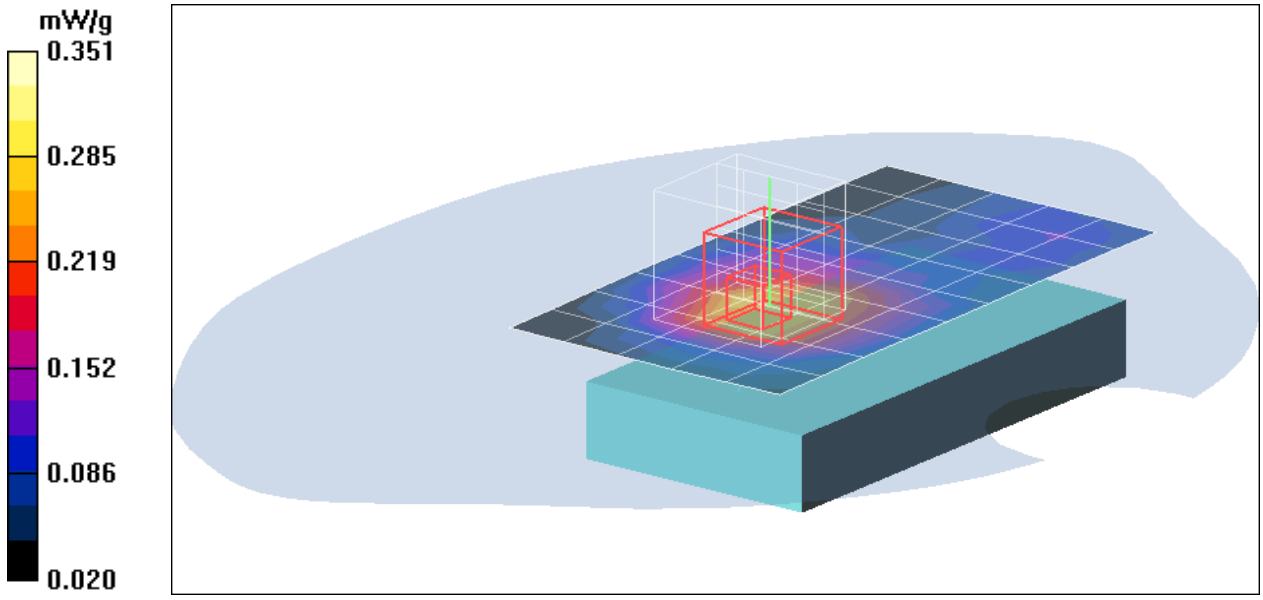
- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

co-Location 802.11g+BT+HSUPA Body Face Down Low CH9262/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.283 mW/g

co-Location 802.11g+BT+HSUPA Body Face Down Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.301 mW/g


mW/g
0.351
0.285
0.219
0.152
0.086
0.020