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Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

GPRS 850-Body Up Low CH128

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz);

Frequency: 824.2 MHz; Duty Cycle: 2.0893

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 55.137$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

GPRS 850/Body Up Low CH128/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.128 W/kg

GPRS 850/Body Up Low CH128/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

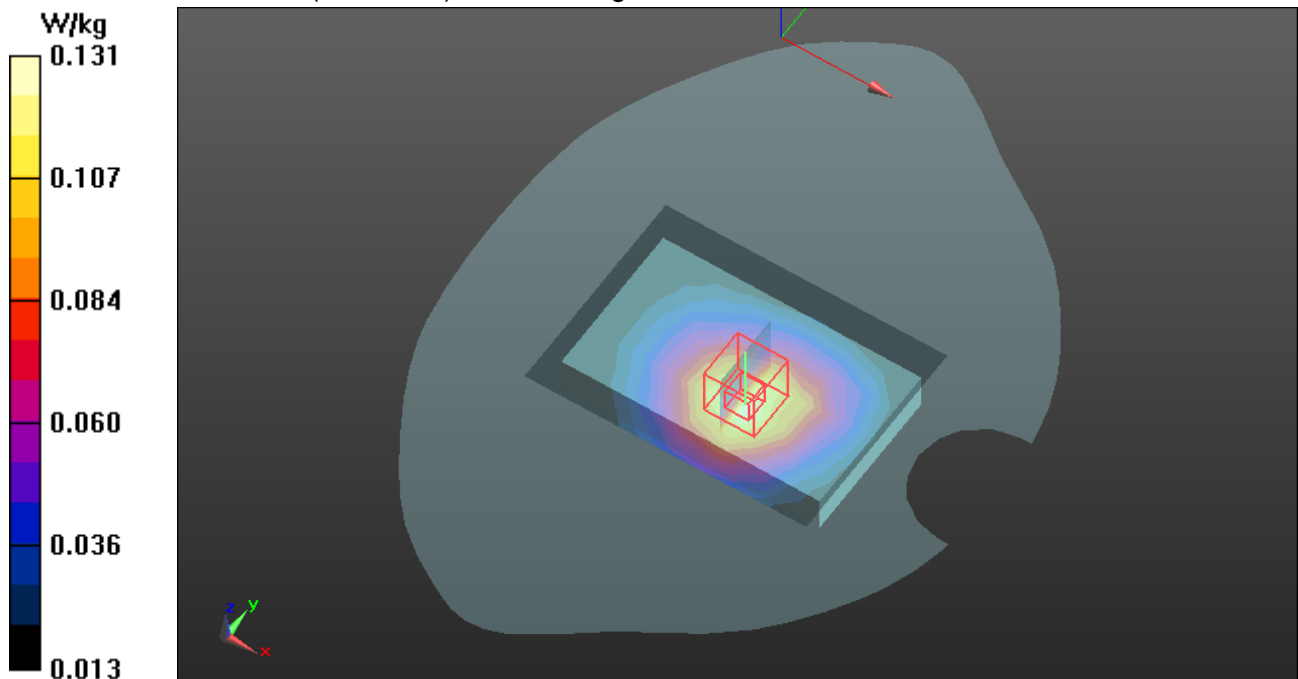
Reference Value = 9.584 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.150 mW/g

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.076 mW/g

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

Maximum value of SAR (measured) = 0.131 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

GPRS 850-Body Down Low CH128

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 824.2 MHz; Duty Cycle: 2.0893

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 55.137$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS2 52.8.2(969);

GPRS 850/GSM850 Body Down Low CH128/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.250 W/kg

GPRS 850/GSM850 Body Down Low CH128/Zoom Scan (5x5x5)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=8mm

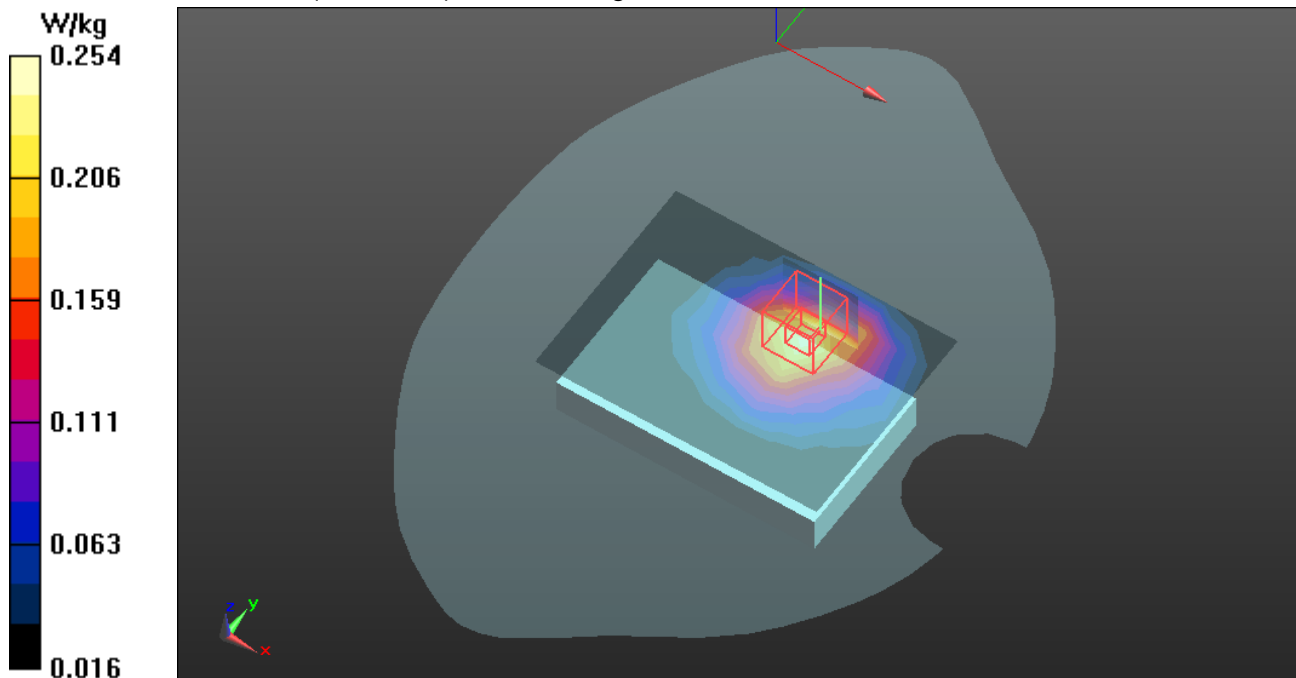
Reference Value = 11.599 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.312 mW/g

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.135 mW/g

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

Maximum value of SAR (measured) = 0.254 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

GPRS 850-Body Left Edge Low CH128

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz);

Frequency: 824.2 MHz; Duty Cycle: 2.0893

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 55.137$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

GPRS 850/Left Edge Low CH128/Area Scan (4x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.115 W/kg

GPRS 850/Left Edge Low CH128/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

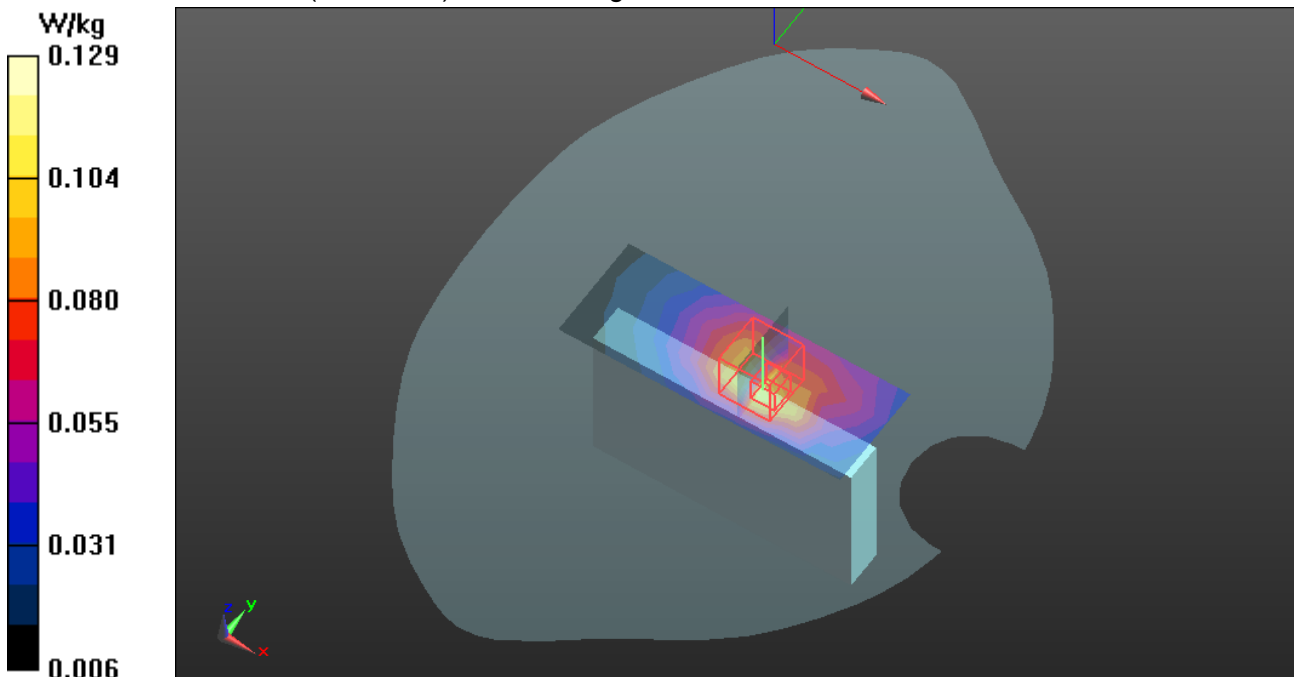
Reference Value = 10.345 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.168 mW/g

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.056 mW/g

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

Maximum value of SAR (measured) = 0.129 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

GPRS 1900-Body Up Low CH512

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 2.0893

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

GPRS 1900/Body Up Low CH512/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.117 W/kg

GPRS 1900/Body Up Low CH512/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

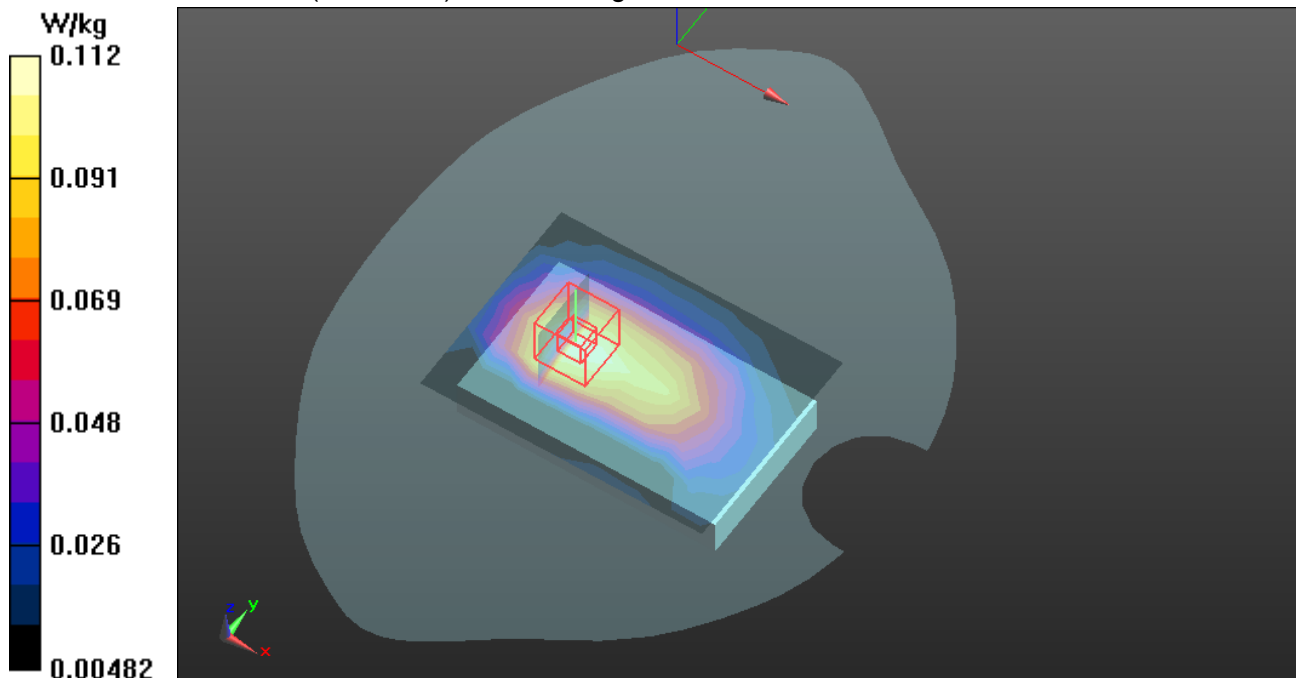
Reference Value = 8.430 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.147 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.049 mW/g

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

Maximum value of SAR (measured) = 0.112 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

GPRS 1900-Body Down Low CH512

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 2.0893

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

GPRS 1900/GSM850 Body Down Low CH512/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.151 W/kg

GPRS 1900/GSM850 Body Down Low CH512/Zoom Scan (5x5x5)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=8mm

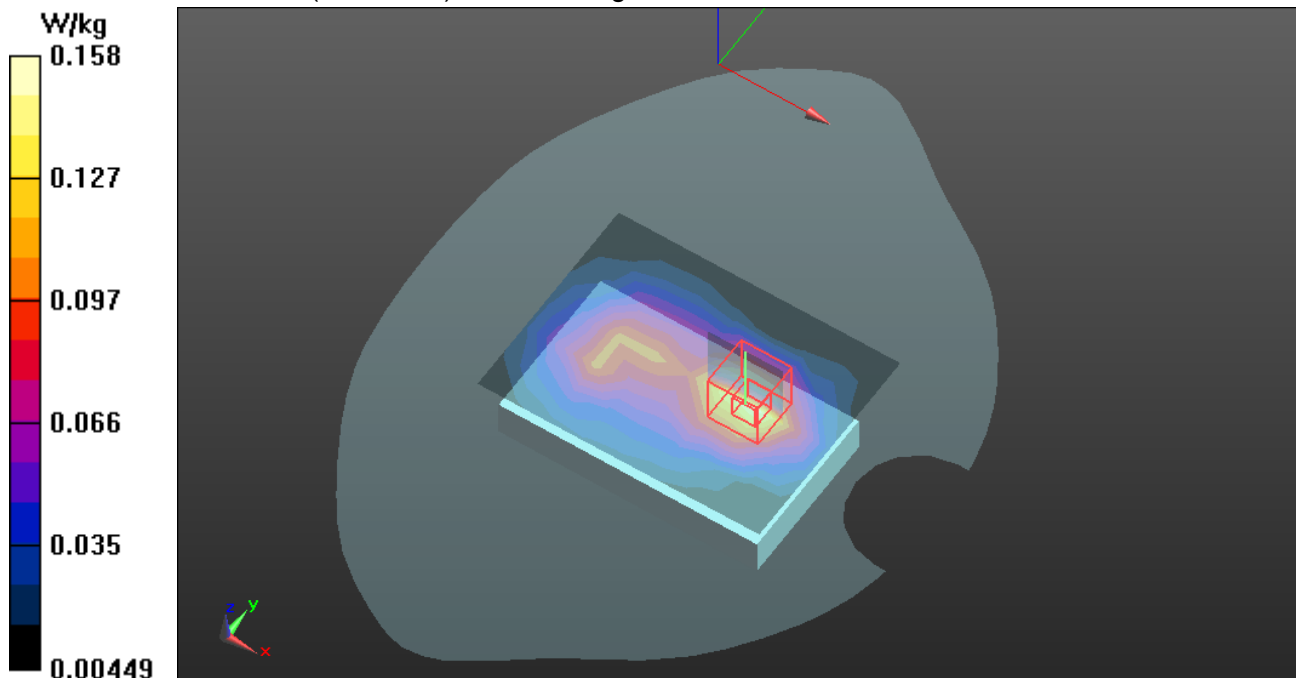
Reference Value = 7.216 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.216 mW/g

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.063 mW/g

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

Maximum value of SAR (measured) = 0.158 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

GPRS 1900-Body Left Edge Low CH512

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 2.0893

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.2(969);

GPRS 1900/Left Edge Low CH512/Area Scan (4x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.108 W/kg

GPRS 1900/Left Edge Low CH512/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

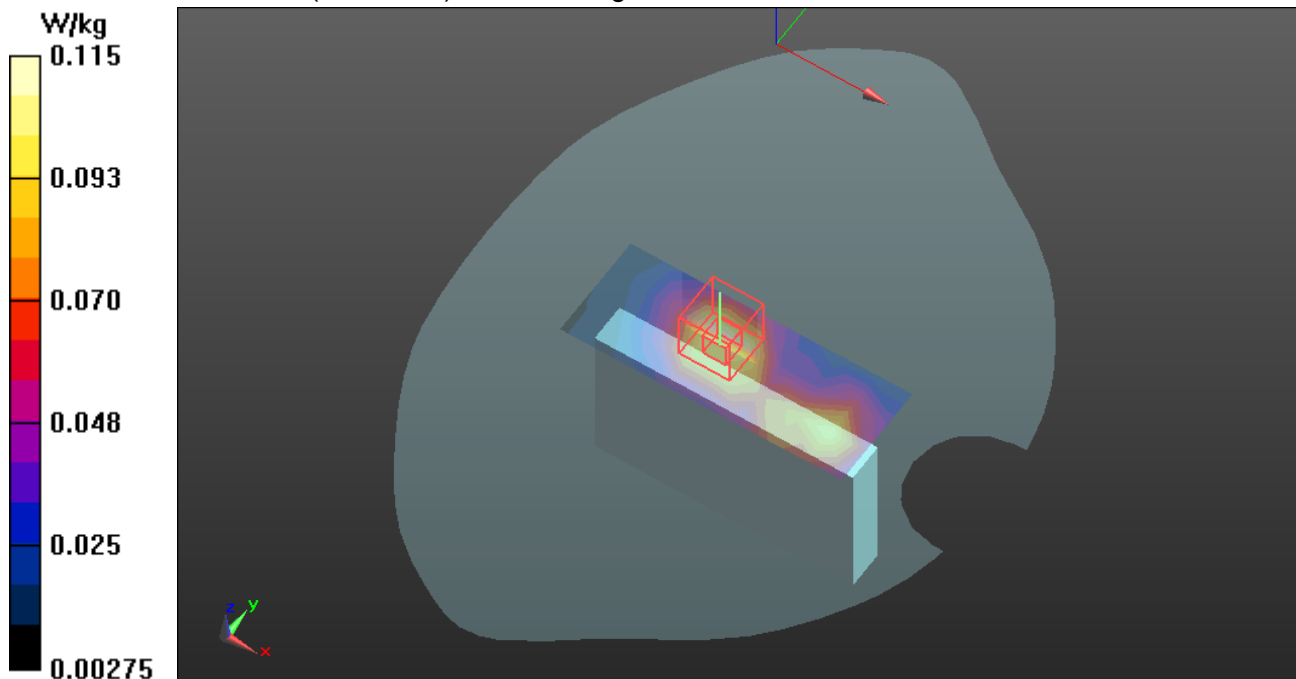
Reference Value = 8.204 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.158 mW/g

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.043 mW/g

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

Maximum value of SAR (measured) = 0.115 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

WCDMA Band II-Body Up Middle CH9400

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: FDD WCDMA; Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 51.498$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.2(969);

Band II/Body Up Middle CH9400/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0617 W/kg

Band II/Body Up Middle CH9400/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

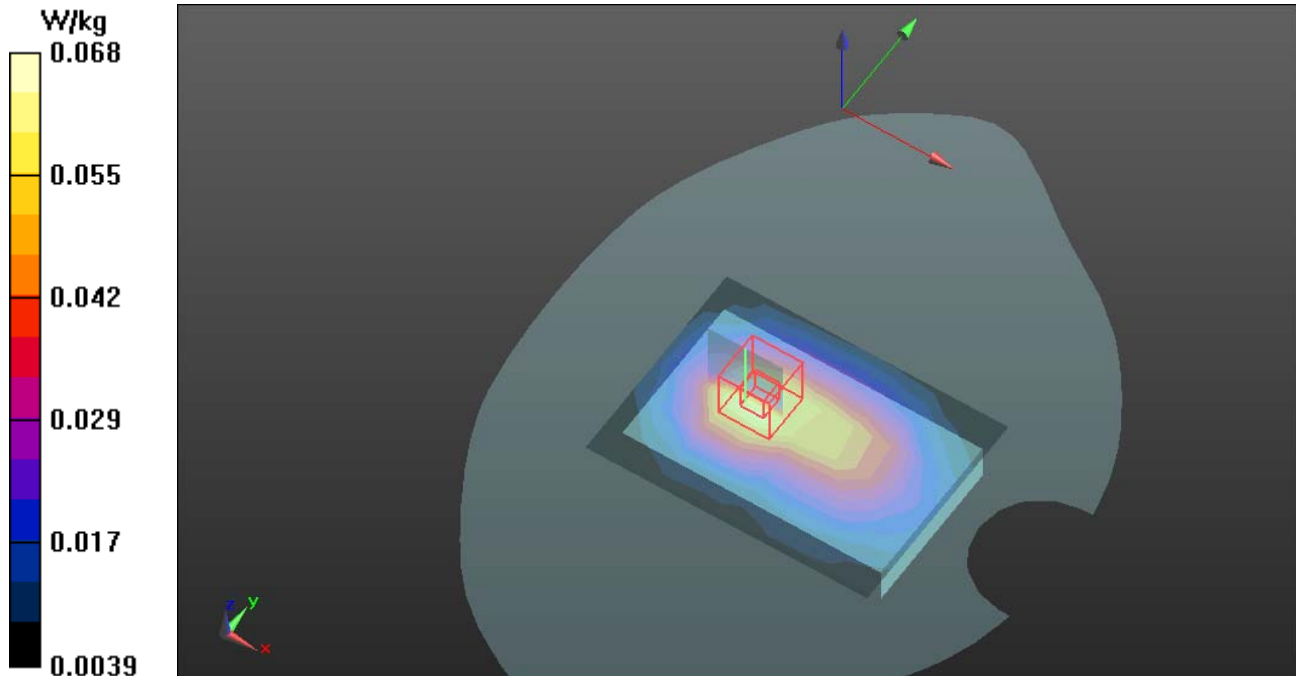
Reference Value = 5.840 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.094 mW/g

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.030 mW/g

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

Maximum value of SAR (measured) = 0.0678 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

WCDMA Band II-Body Down Middle CH9400

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: FDD WCDMA; Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.556$ mho/m; $\epsilon_r = 51.438$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

Band II/Body Down Middle CH9400/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0754 W/kg

Band II/Body Down Middle CH9400/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

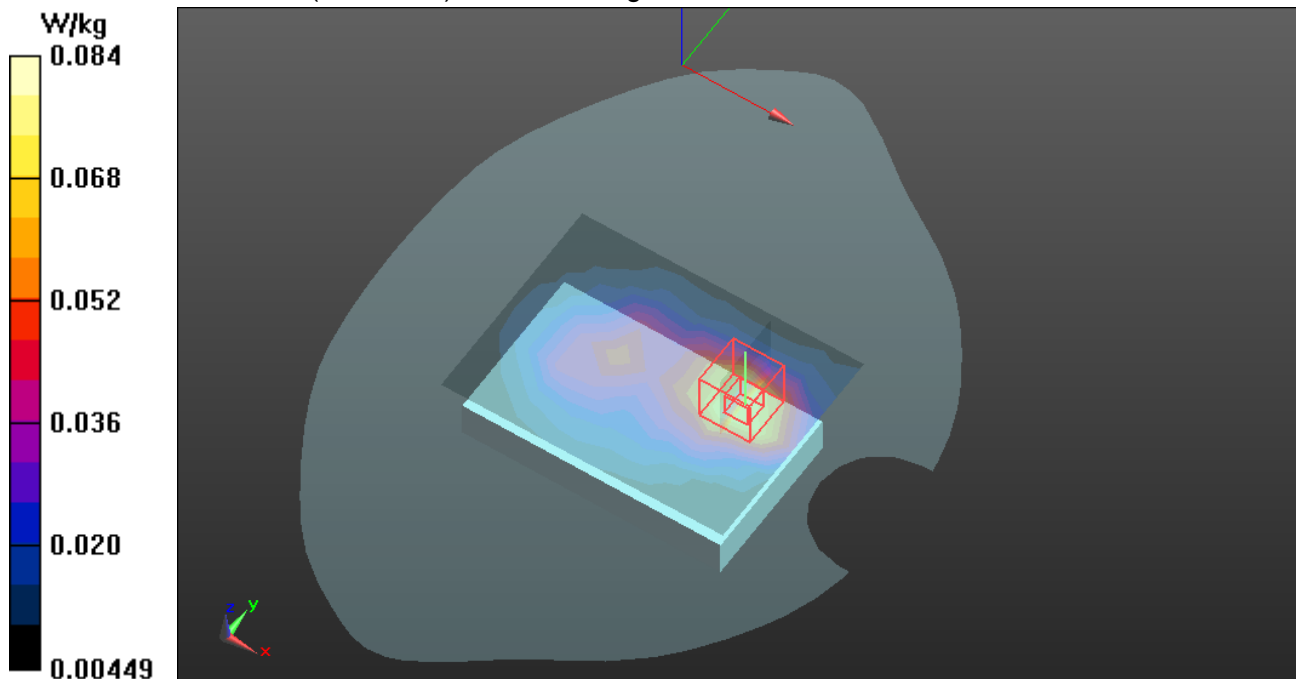
Reference Value = 4.884 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.120 mW/g

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.035 mW/g

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

Maximum value of SAR (measured) = 0.0845 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

WCDMA Band II-Body Edge Left Edge Middle CH9400

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: FDD WCDMA; Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.556$ mho/m; $\epsilon_r = 51.438$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

Band II/Left Edge Middle CH9400/Area Scan (4x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0636 W/kg

Band II/Left Edge Middle CH9400/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

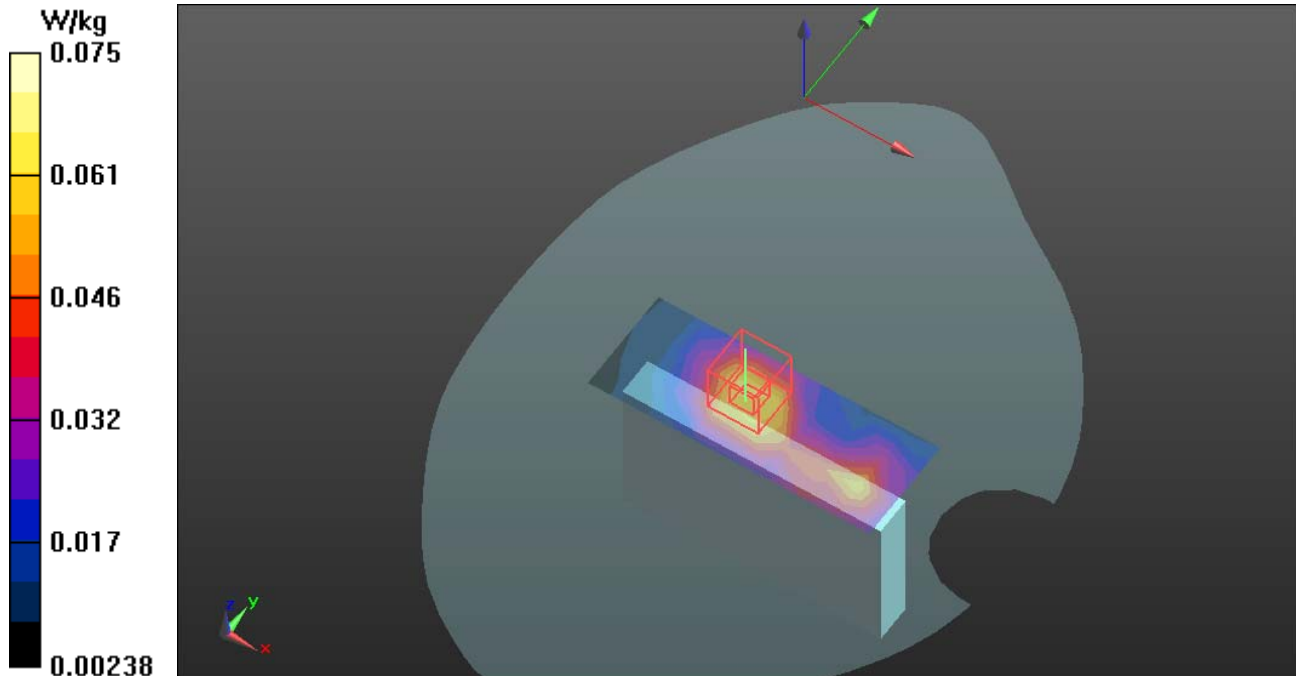
Reference Value = 6.220 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.107 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.028 mW/g

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

Maximum value of SAR (measured) = 0.0753 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

WCDMA Band V-Body Up Low CH4132

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: FDD WCDMA; Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.946$ mho/m; $\epsilon_r = 55.112$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

Band V/Body Up Low CH4132/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0510 W/kg

Band V/Body Up Low CH4132/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

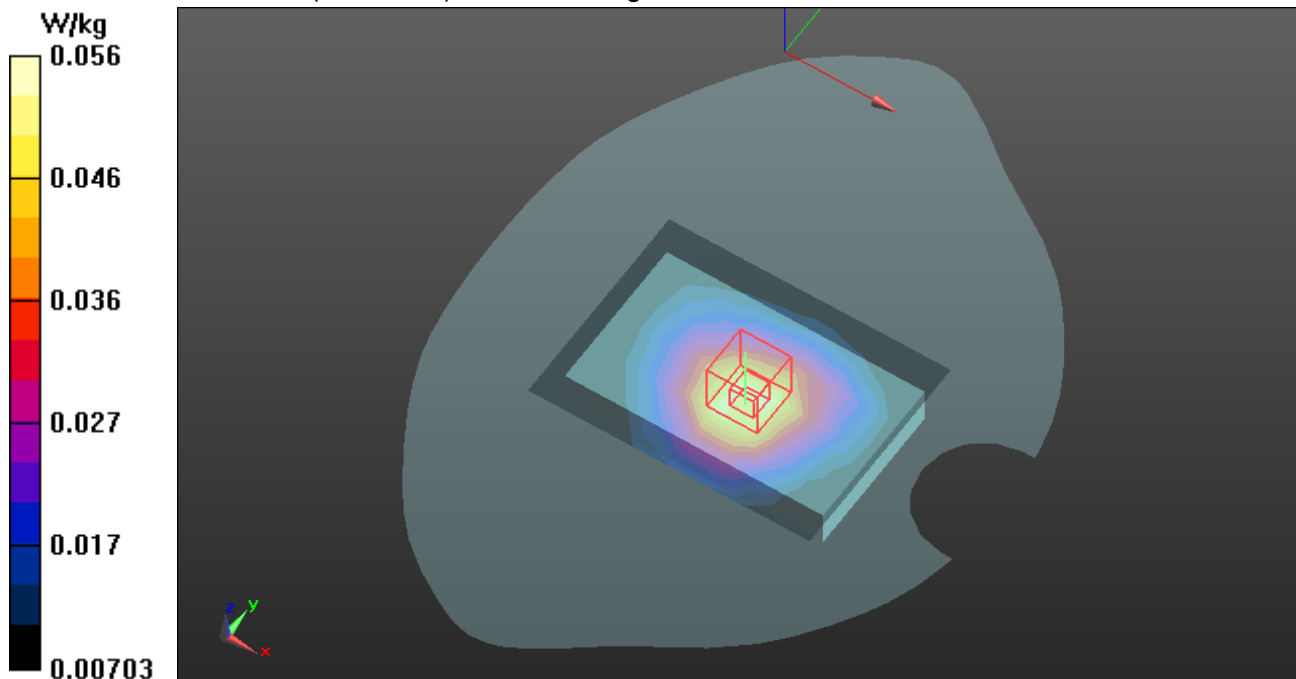
Reference Value = 7.118 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.065 mW/g

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.033 mW/g

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

Maximum value of SAR (measured) = 0.0559 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

WCDMA Band V-Body Down Low CH4132

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: FDD WCDMA; Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.946$ mho/m; $\epsilon_r = 55.112$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.2(969);

Band V/Body Down Low CH4132/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0856 W/kg

Band V/Body Down Low CH4132/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

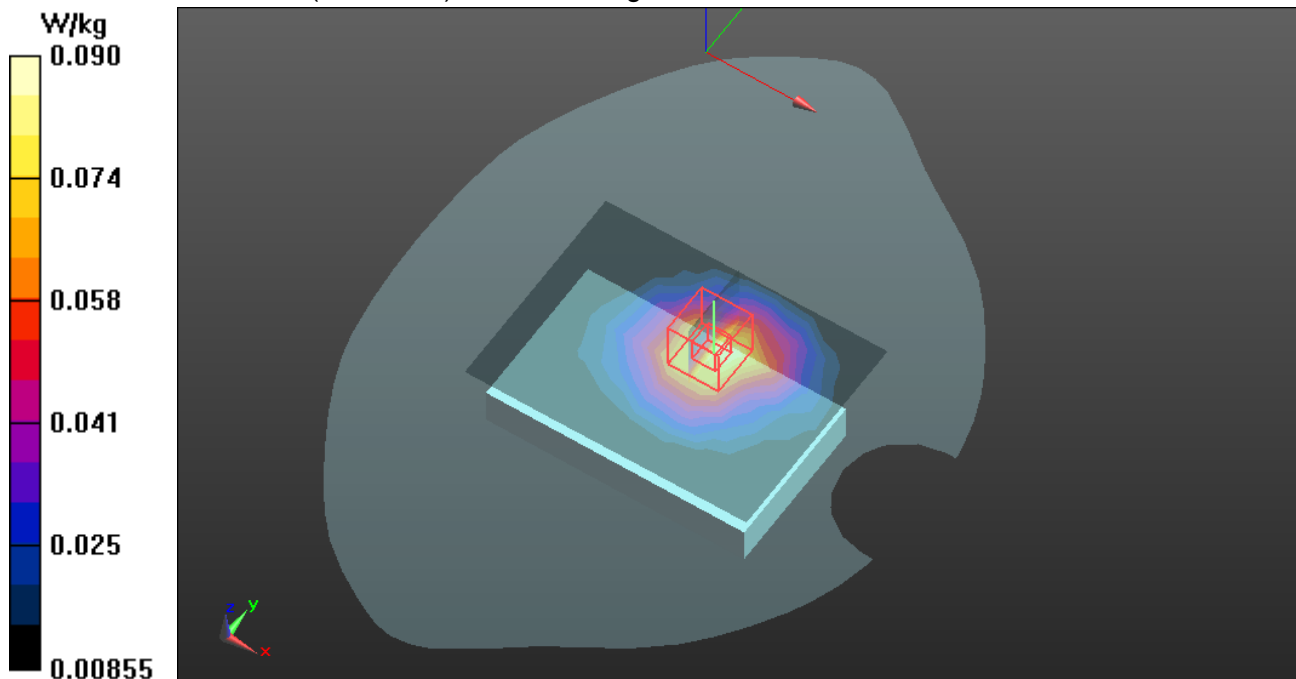
Reference Value = 8.112 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.106 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.049 mW/g

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

Maximum value of SAR (measured) = 0.0902 W/kg





Test Laboratory: Compliance Certification Services Inc.

February 4, 2013

WCDMA Band V-Body Left Edge Low CH4132

DUT: GUARD TOUR SYSTEM; Type: WM-500P5+; Serial: 012813000028763

Communication System: FDD WCDMA; Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.946$ mho/m; $\epsilon_r = 55.112$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 24.0°C; Liquid Temperature: 22.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.2(969);

Band V/Left Edge Low CH4132/Area Scan (4x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0448 W/kg

Band V/Left Edge Low CH4132/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

Reference Value = 6.926 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.062 mW/g

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

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

Maximum value of SAR (measured) = 0.0498 W/kg

