

Test Laboratory: Compliance Certification Services Inc.

D835V2-SN 4d015-Body

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d015

Communication System: CW 835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.981 \text{ mho/m}$; $\epsilon_r = 55.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.54 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.0 V/m; Power Drift = -0.006 dB

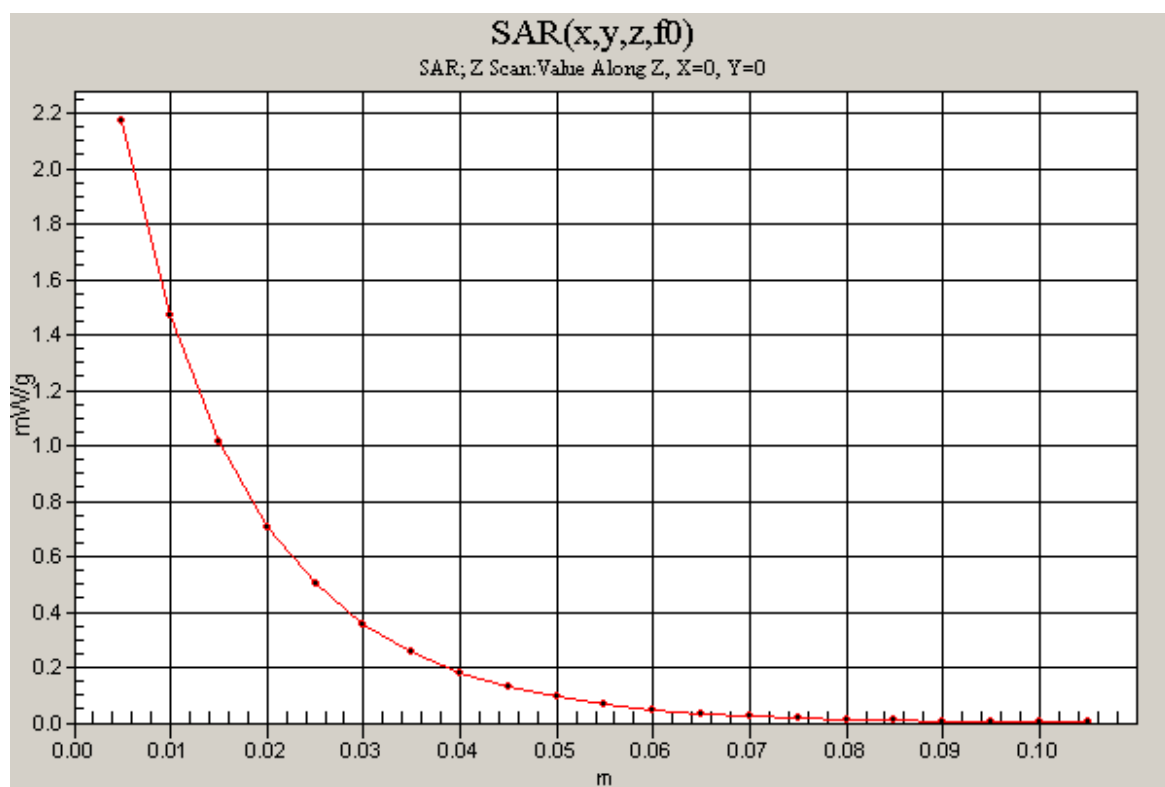
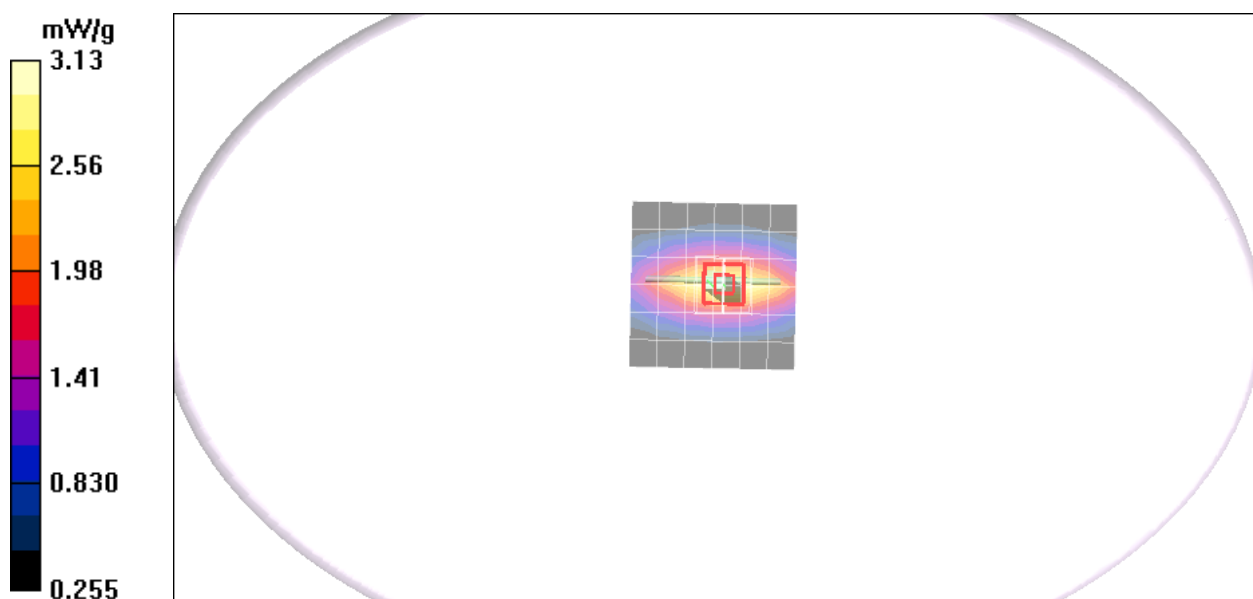
Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.62 mW/g

Maximum value of SAR (measured) = 2.85 mW/g

d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.13 mW/g



Test Laboratory: Compliance Certification Services Inc.

D1900V2 SN-5d056 Body

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d056

Communication System: PCS 1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 8.00 mW/g

Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.3 V/m; Power Drift = -0.028 dB

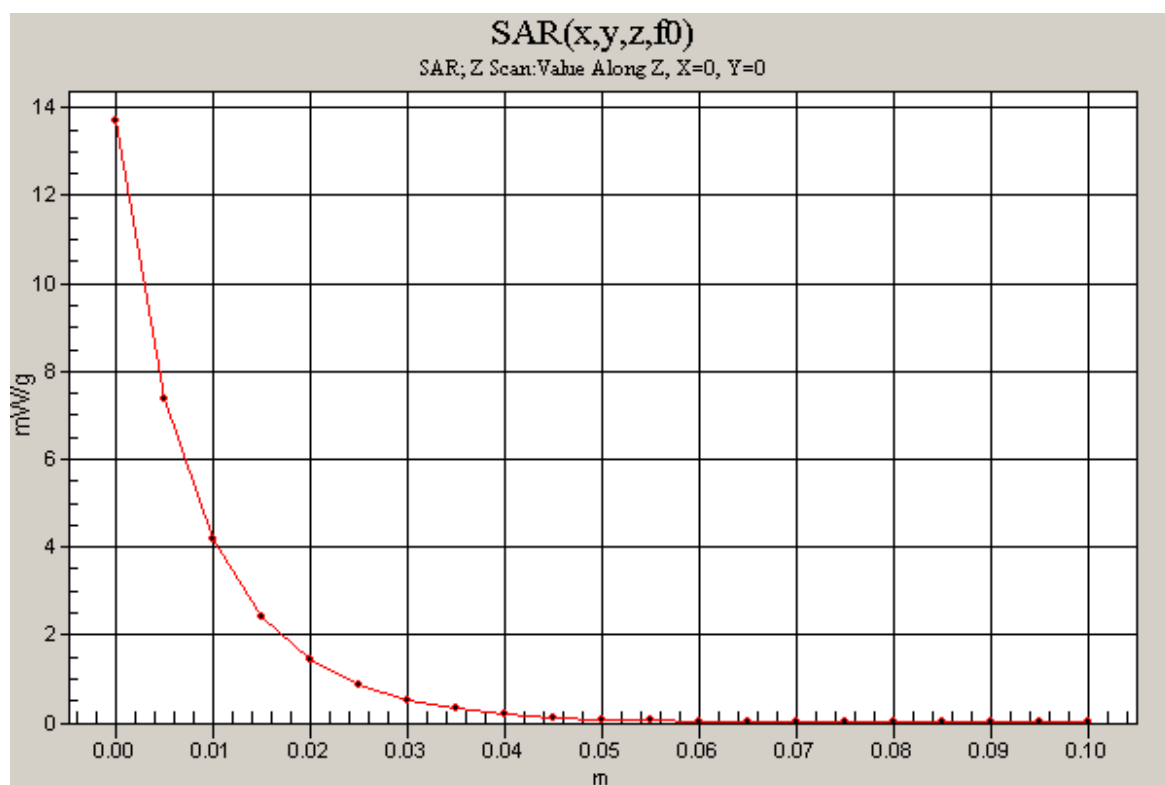
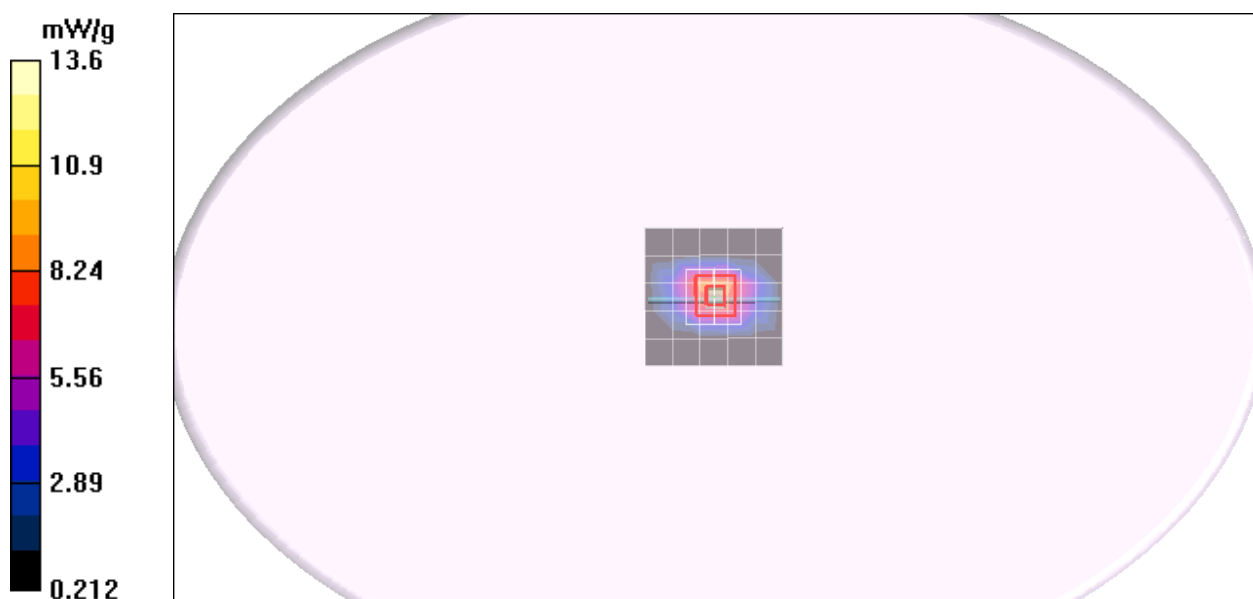
Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.38 mW/g

Maximum value of SAR (measured) = 11.6 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 13.6 mW/g



Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN-728 Body

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 12.9 mW/g

Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.9 V/m; Power Drift = -0.034 dB

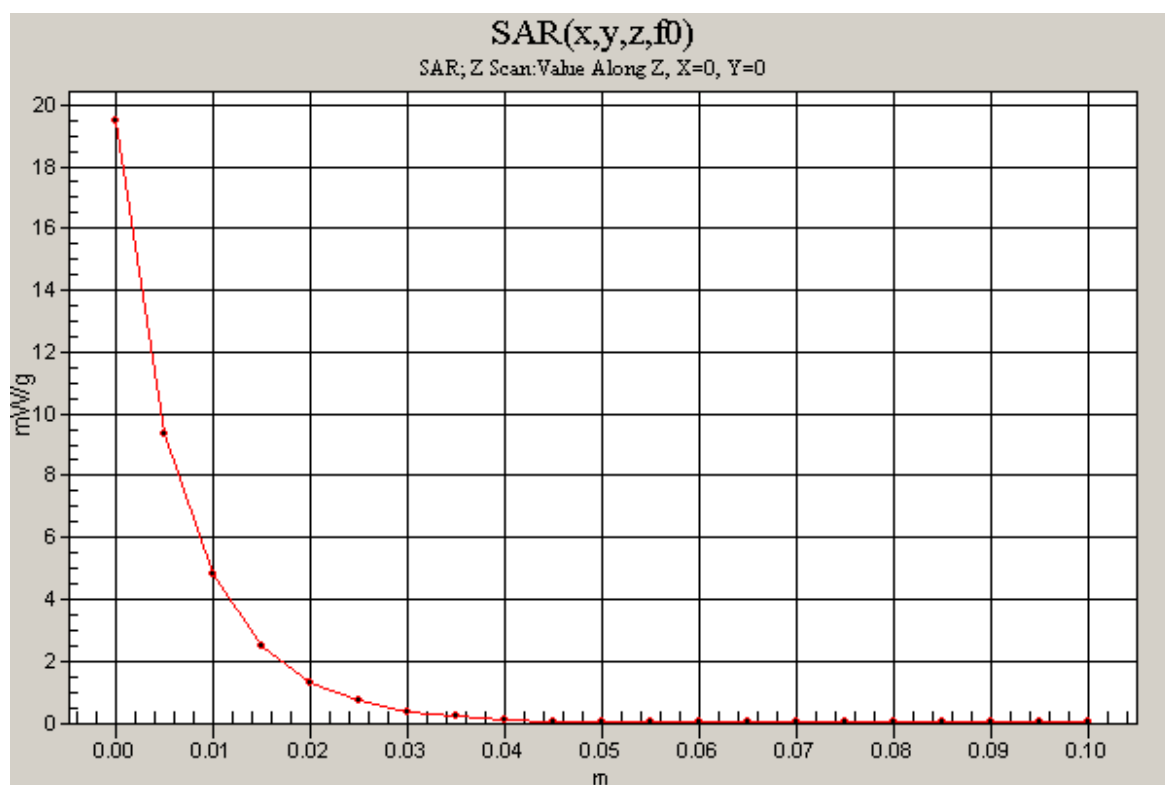
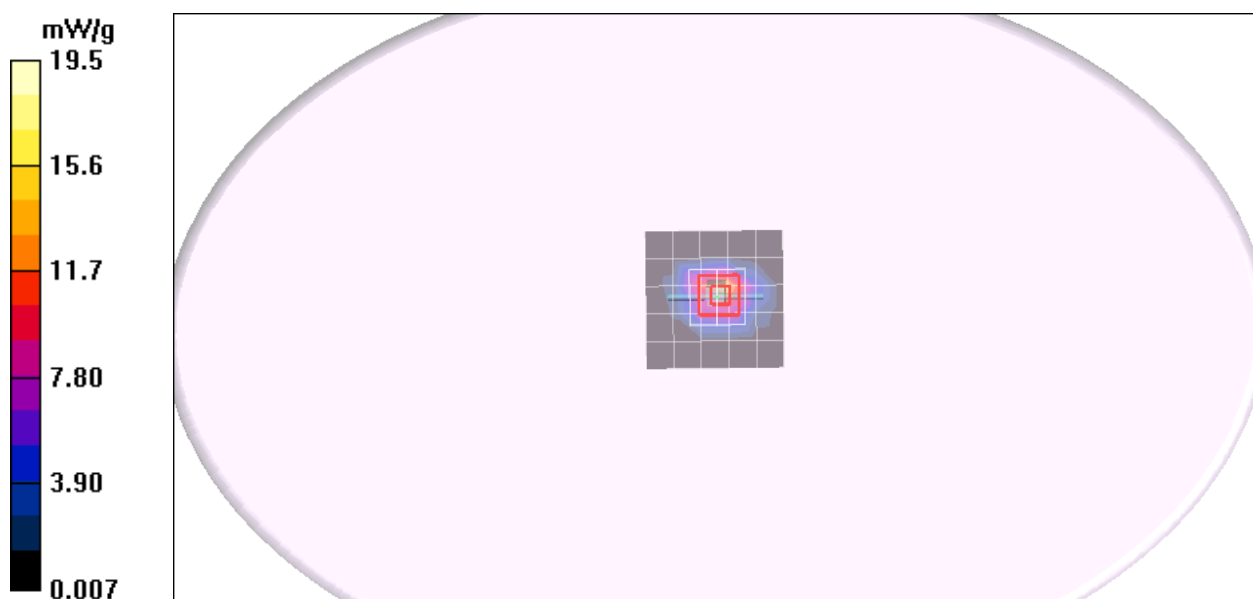
Peak SAR (extrapolated) = 25.5 W/kg

SAR(1 g) = 13.0 mW/g; SAR(10 g) = 6.01 mW/g

Maximum value of SAR (measured) = 12.9 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 18.5 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 835 Bottom Flat mode

DUT: x13; Type: x13; Serial: N/A

Communication System: GSM 835; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

GSM 835 Middle CH251/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.029 mW/g

GSM 835 Middle CH251/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.32 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.029 mW/g

GSM 835 Middle CH251/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

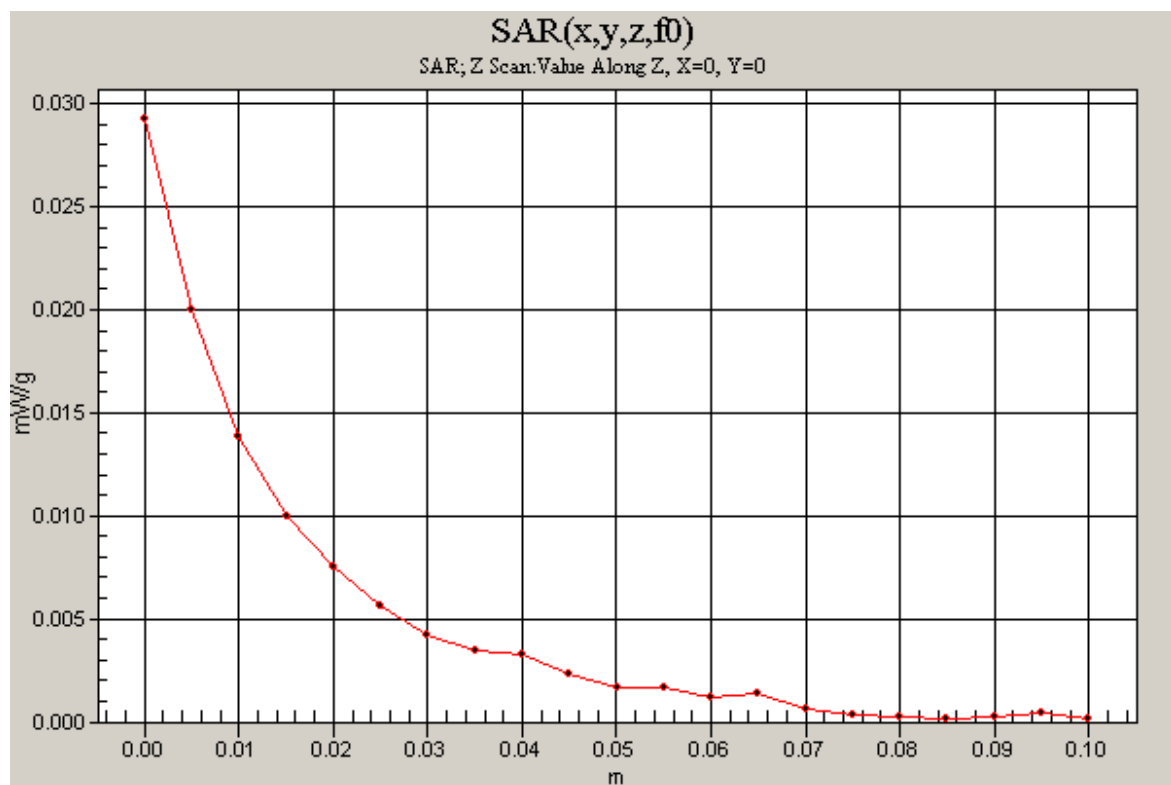
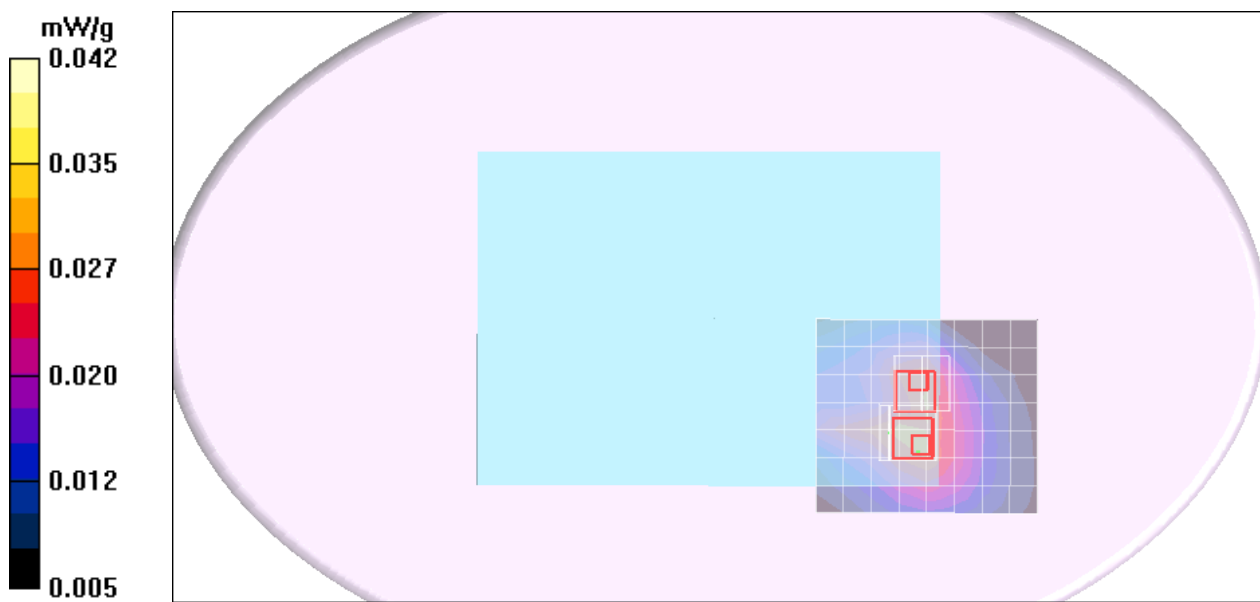
dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.32 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.016 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GPRS 835 Bottom Flat mode

DUT: x13; Type: x13; Serial: N/A

Communication System: GPRS 835; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.953 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

GPRS 835 Middle CH251/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.027 mW/g

GPRS 835 Middle CH251/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.21 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.015 mW/g

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

GPRS 835 Middle CH251/Zoom Scan (7x7x9)/Cube 1: Measurement

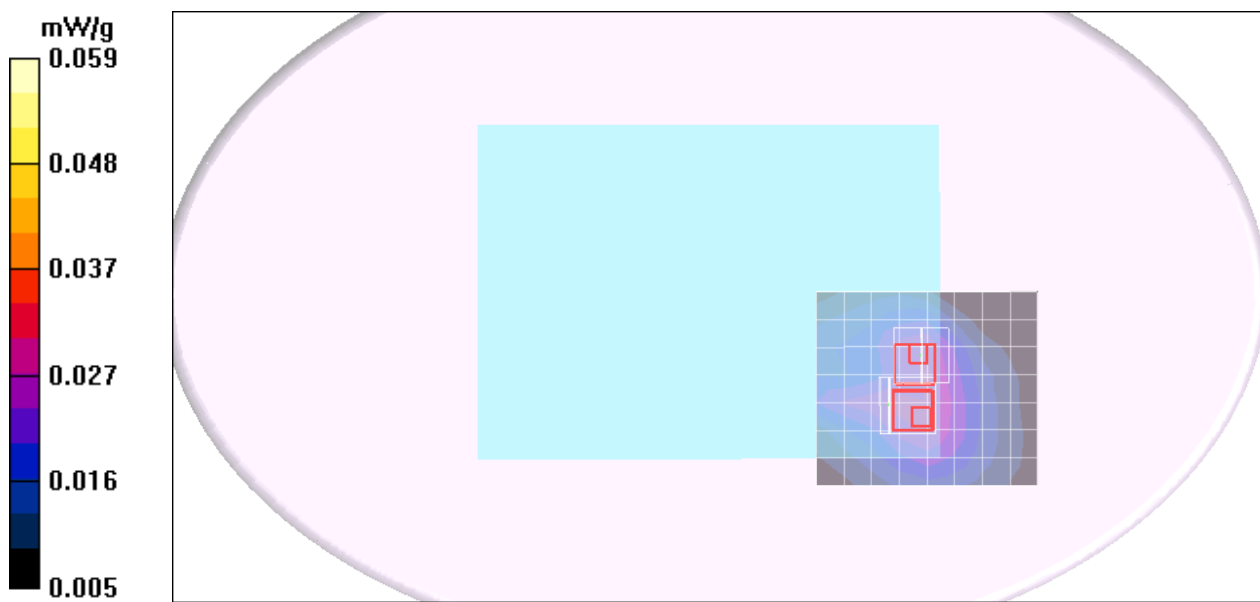
grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.21 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.014 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

EGPRS 835 Bottom Flat mode

DUT: x13; Type: x13; Serial: N/A

Communication System: EGPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.953 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

EGPRS 835 Middle CH251/Area Scan (8x9x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.018 mW/g

EGPRS 835 Middle CH251/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 1.18 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.018 mW/g

EGPRS 835 Middle CH251/Zoom Scan (7x7x9)/Cube 1: Measurement

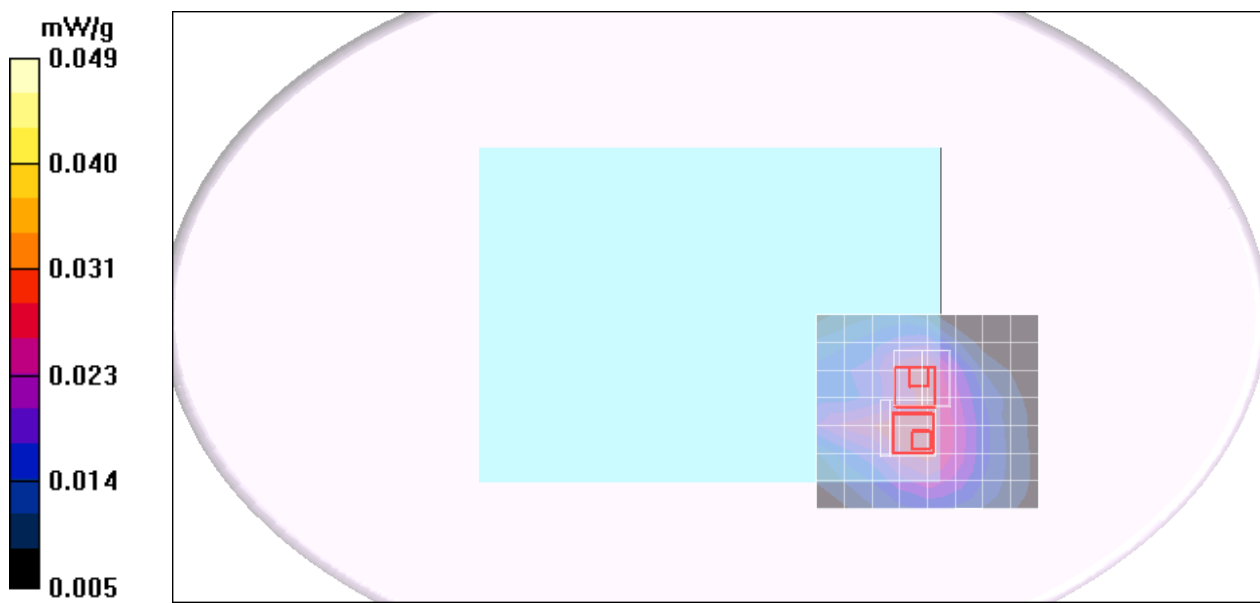
grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 1.18 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.008 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900 Bottom Flat mode

DUT: x13; Type: x13; Serial: N/A

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

GSM 1900 Middle CH810/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.057 mW/g

GSM 1900 Middle CH810/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.43 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.054 mW/g

GSM 1900 Middle CH810/Zoom Scan (7x7x9)/Cube 1: Measurement

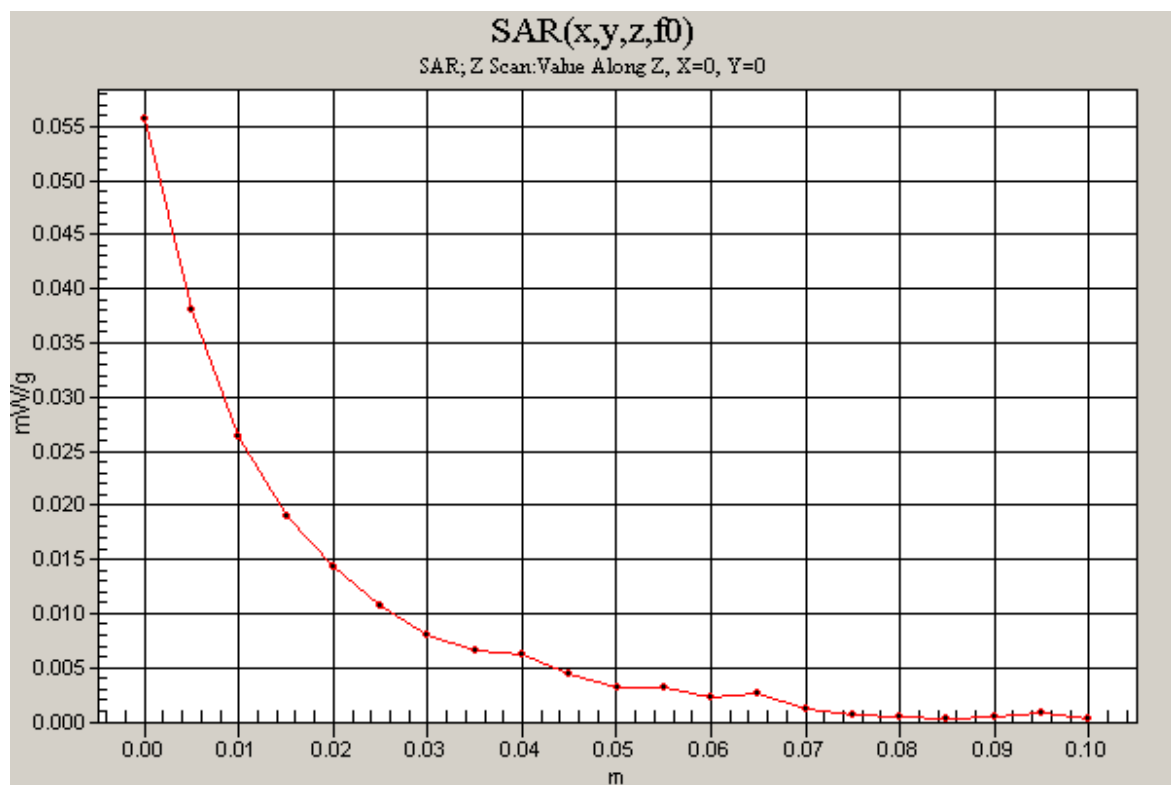
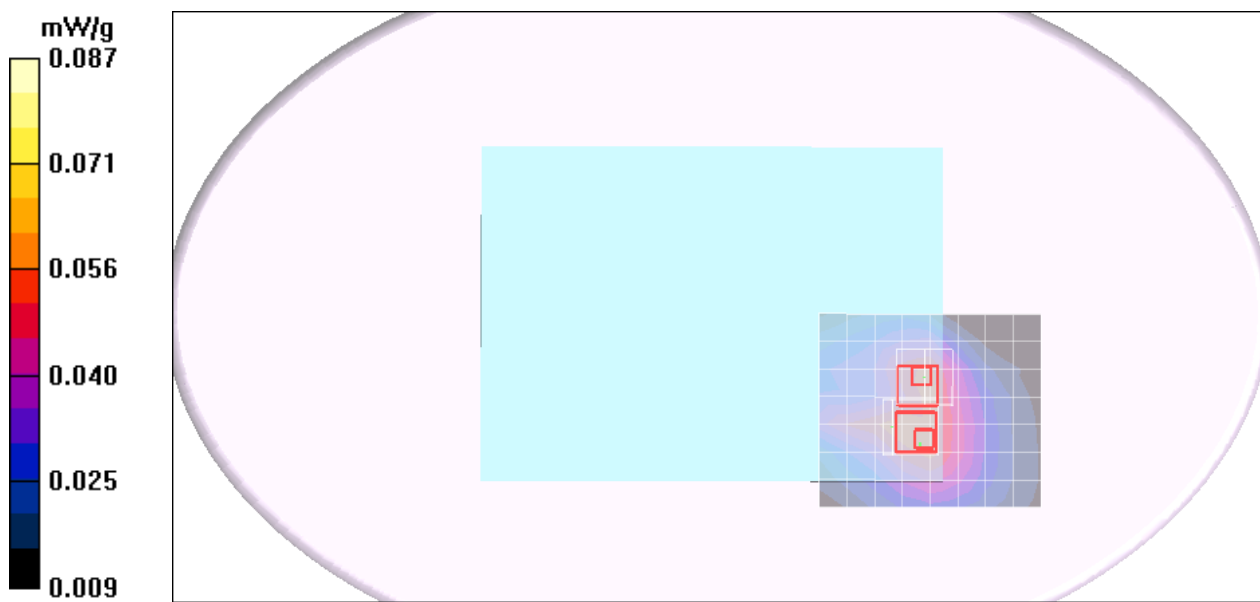
grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.43 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.052 mW/g



Test Laboratory: Compliance Certification Services Inc.

GPRS 1900 Bottom Flat mode

DUT: x13; Type: x13; Serial: N/A

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

GPRS 1900 Middle CH661/Area Scan (8x9x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.055 mW/g

GPRS 1900 Middle CH661/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 1.35 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.054 mW/g

GPRS 1900 Middle CH661/Zoom Scan (7x7x9)/Cube 1: Measurement

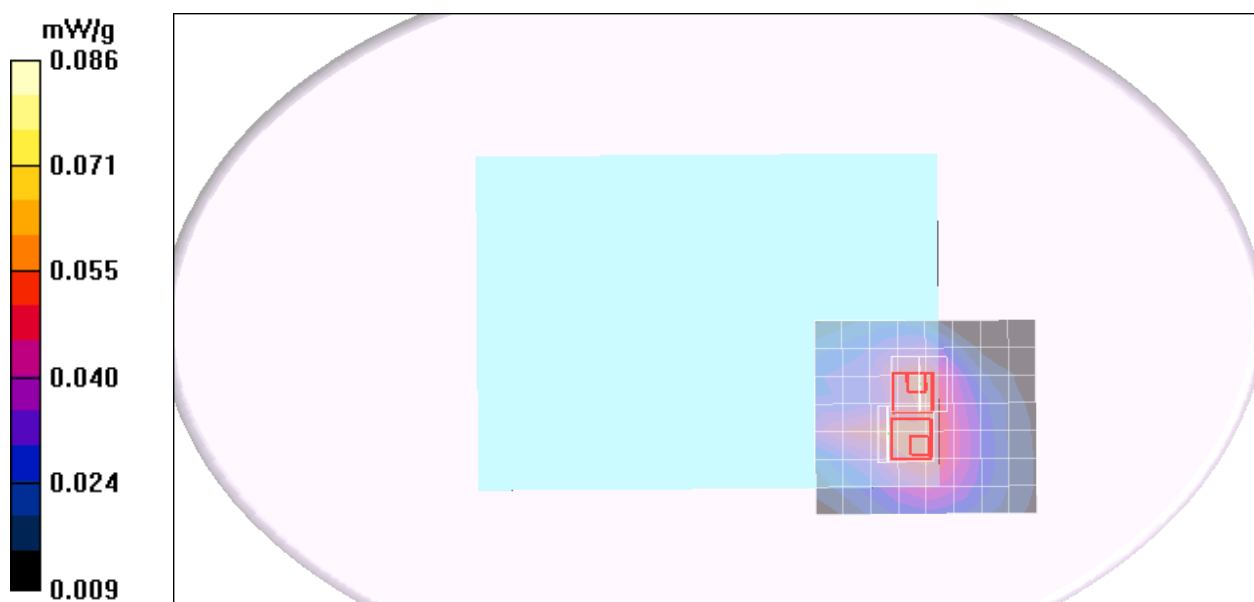
grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 1.35 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



Test Laboratory: Compliance Certification Services Inc.

EGPRS 1900 Bottom Flat mode

DUT: x13; Type: x13; Serial: N/A

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012 W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

EGPRS 1900 Middle CH512/Area Scan (8x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.032 mW/g

EGPRS 1900 Middle CH512/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.29 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.030 mW/g

EGPRS 1900 Middle CH512/Zoom Scan (7x7x9)/Cube 1:

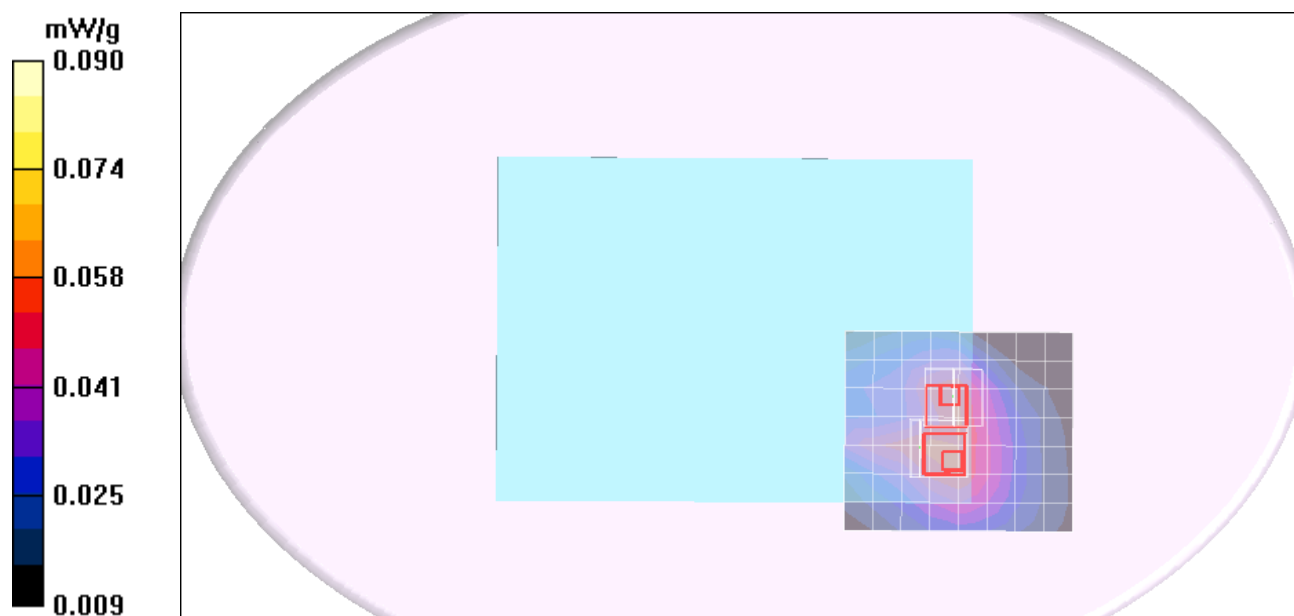
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.29 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA bandVII Bottom Flat mode

DUT: LGX13; Type: LGX13; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

WCDMA band II Middle CH9400/Area Scan (8x9x1): Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.055 mW/g

WCDMA band II Middle CH9400/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.33 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.075 W/kg

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

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

WCDMA band II Middle CH9400/Zoom Scan (7x7x9)/Cube 1:

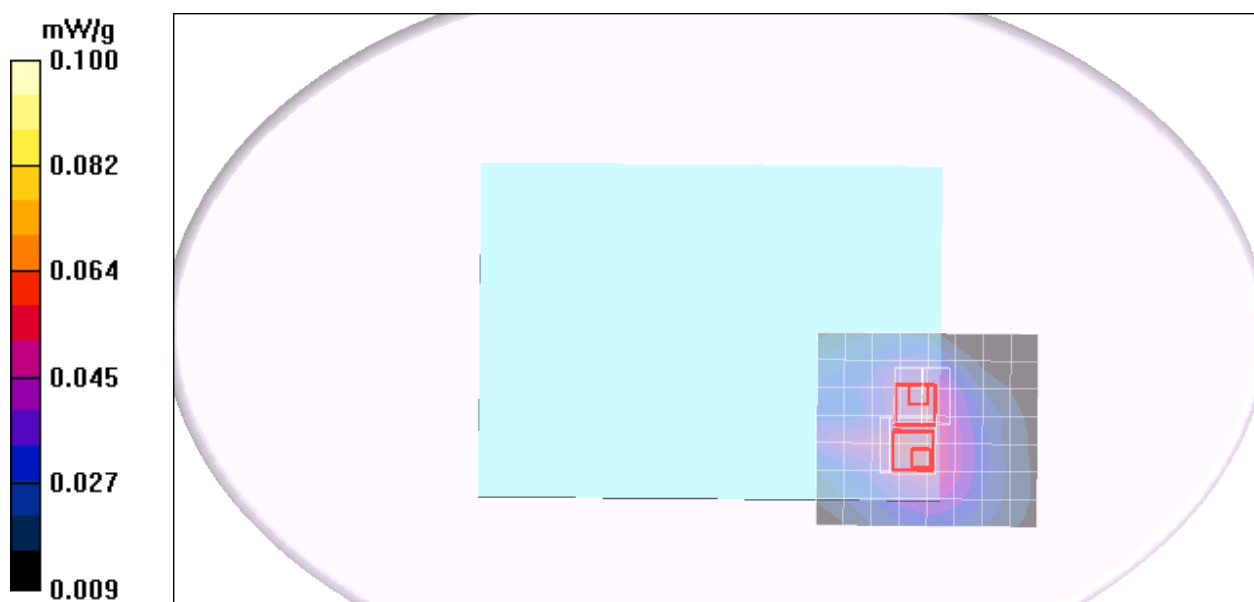
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.33 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.054 mW/g



Test Laboratory: Compliance Certification Services Inc.

HSDPA band II Bottom Flat mode

DUT: LGX13; Type: LGX13; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

HSDPA band II Middle CH9400/Area Scan (8x9x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.065 mW/g

HSDPA band II Middle CH9400/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 0.757 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.073 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.032 mW/g

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

HSDPA band II Middle CH9400/Zoom Scan (7x7x9)/Cube 1:

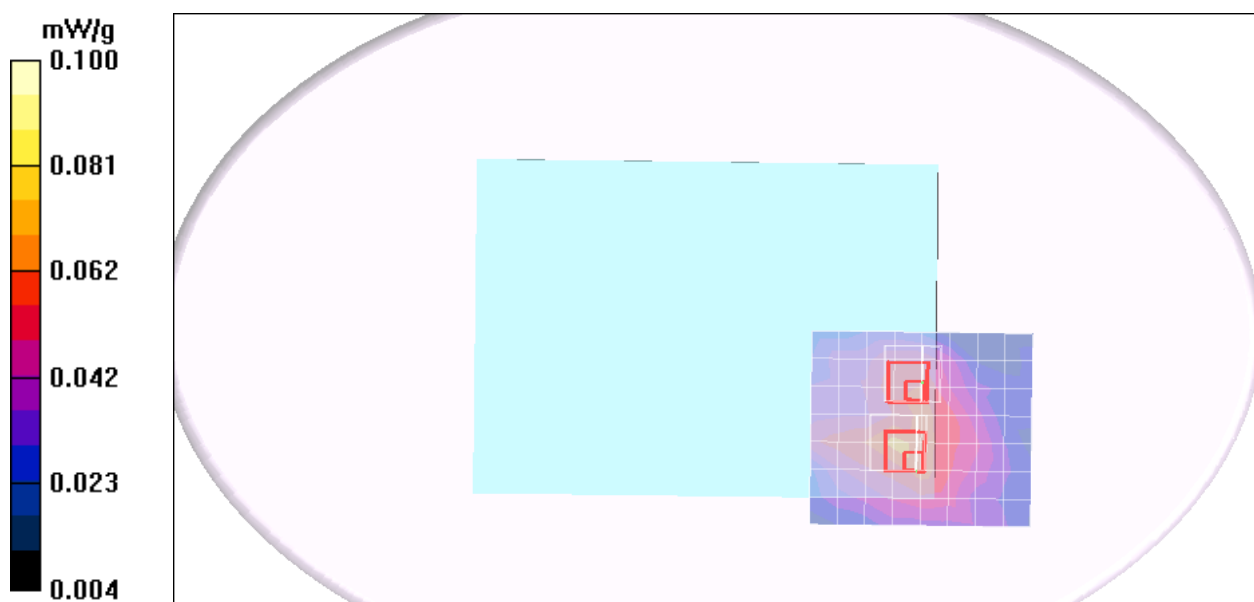
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 0.757 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.031 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

HSUPA band II Bottom Flat mode

DUT: LGX13; Type: LGX13; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

HSUPA band II Middle CH9400/Area Scan (8x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.055 mW/g

HSUPA band II Middle CH9400/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.85 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.053 mW/g

HSUPA band II Middle CH9400/Zoom Scan (7x7x9)/Cube 1:

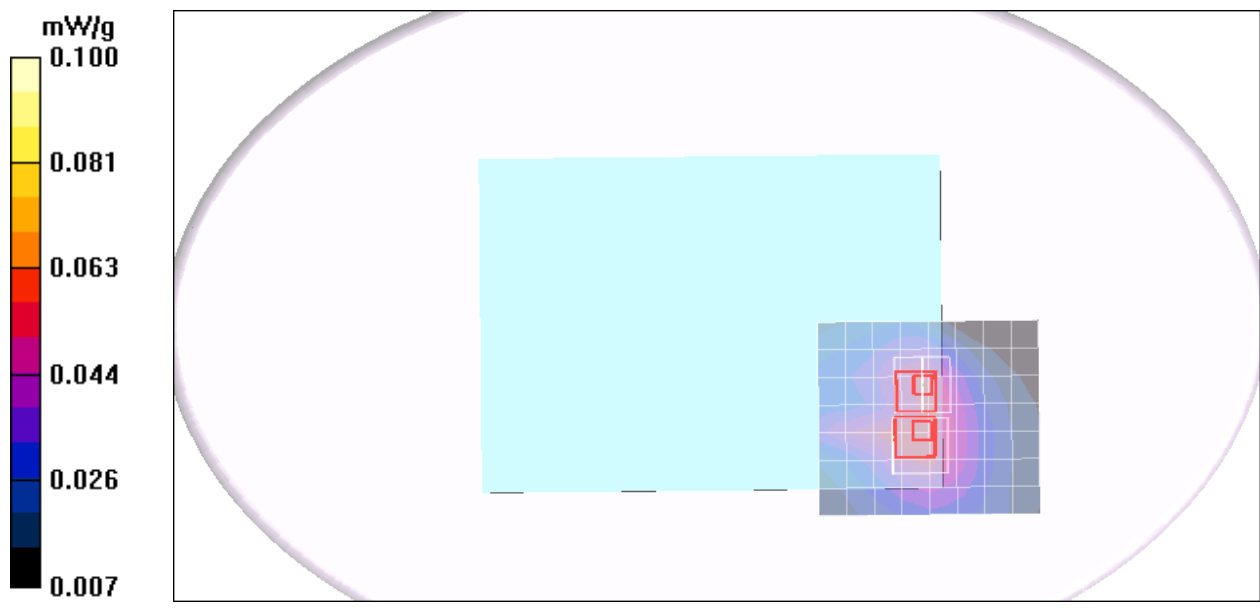
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.85 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.065 W/kg

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

Maximum value of SAR (measured) = 0.053 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Bottom Flat mode

DUT: LGX13; Type: LGX13; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 1.93 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 1M/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.015 mW/g

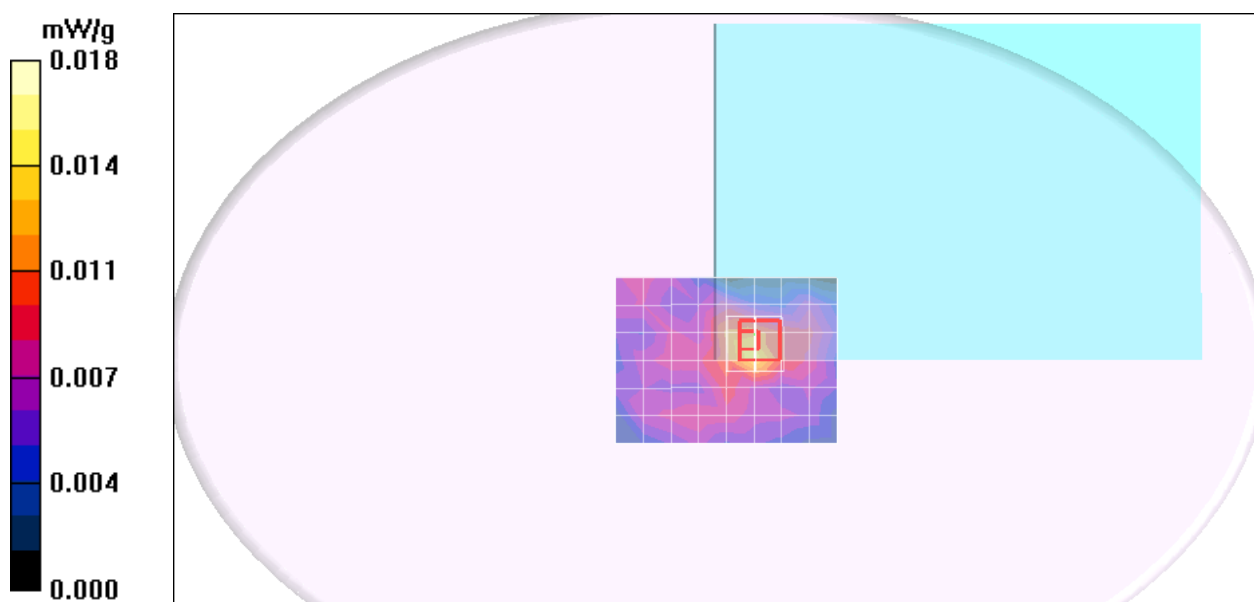
Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.32 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00701 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211g Bottom Flat mode

DUT: LGX13; Type: LGX13; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6M/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.008 mW/g

Middle CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.29 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00333 mW/g; SAR(10 g) = 0.00163 mW/g

Maximum value of SAR (measured) = 0.009 mW/g

Middle CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.29 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.016 W/kg

SAR(1 g) = 0.00509 mW/g; SAR(10 g) = 0.00242 mW/g

Maximum value of SAR (measured) = 0.007 mW/g

