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 MHz; σ = 0.951 mho/m; ε_r = 56.2; ρ = 1000 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(7.28, 7.28, 7.28);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 7/17/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- 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) = 2.8 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
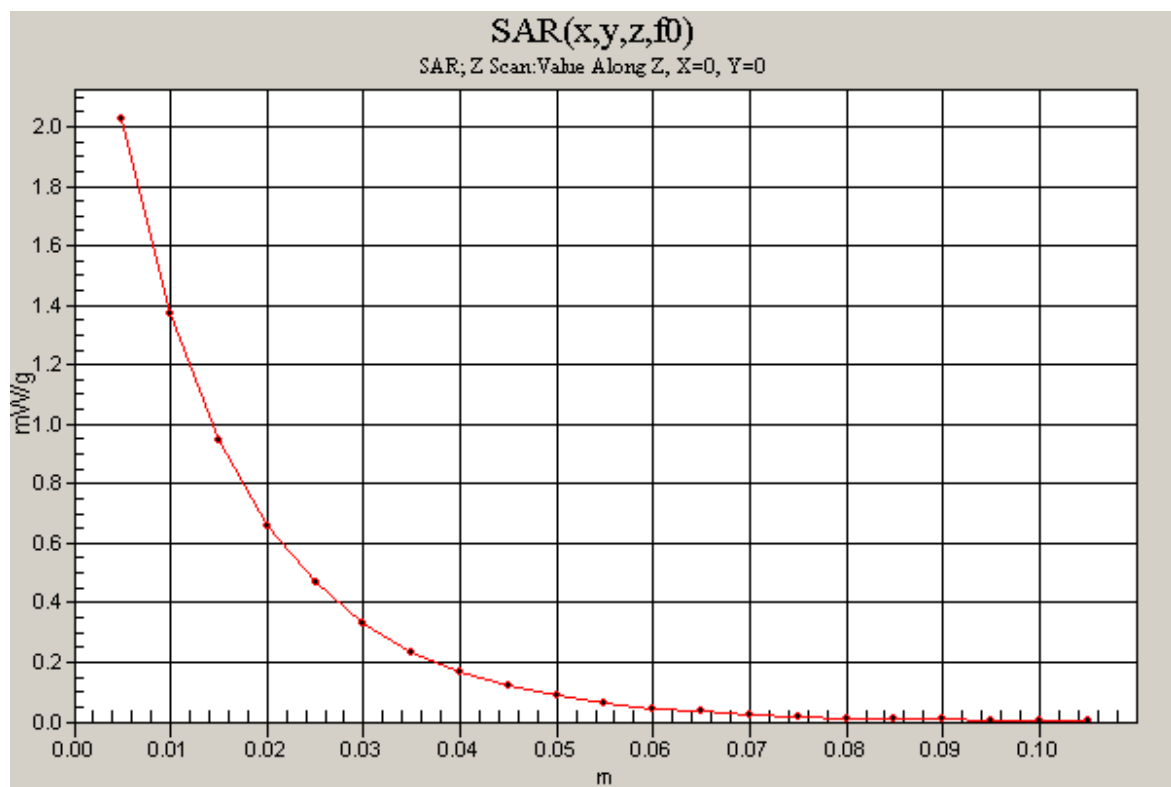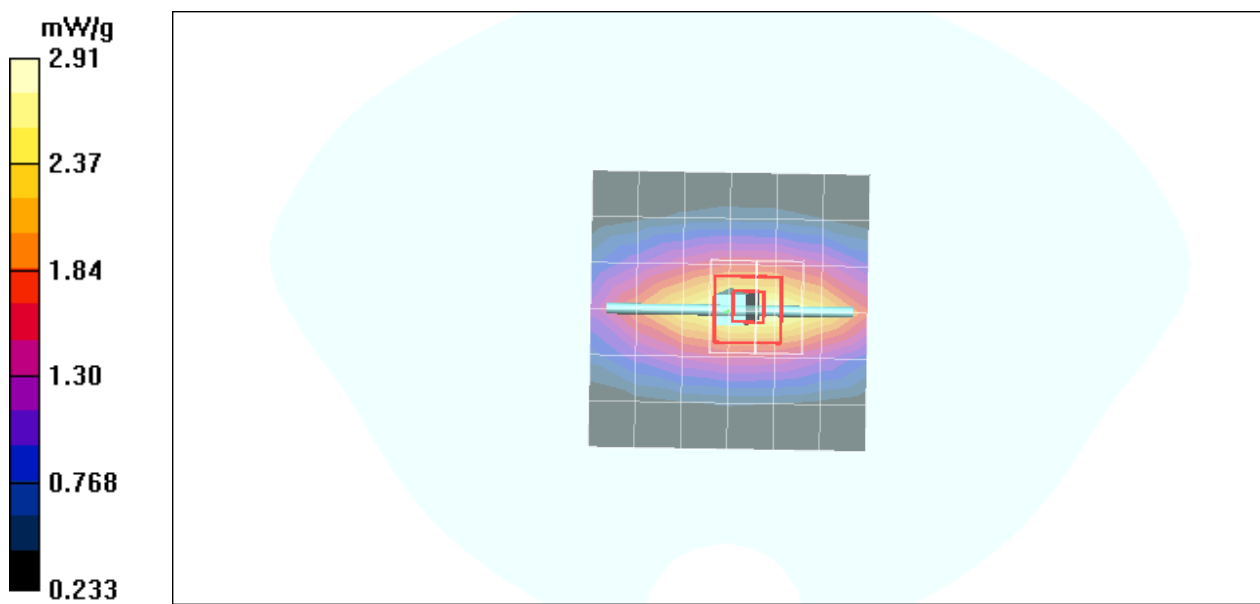
Reference Value = 52.5 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 3.51 W/kg
SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (measured) = 2.9 mW/g

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

Maximum value of SAR (measured) = 2.01 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

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; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 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(5.97, 5.97, 5.97);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 7/17/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 9.25 mW/g

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

Reference Value = 95.9 V/m; Power Drift = -0.023 dB
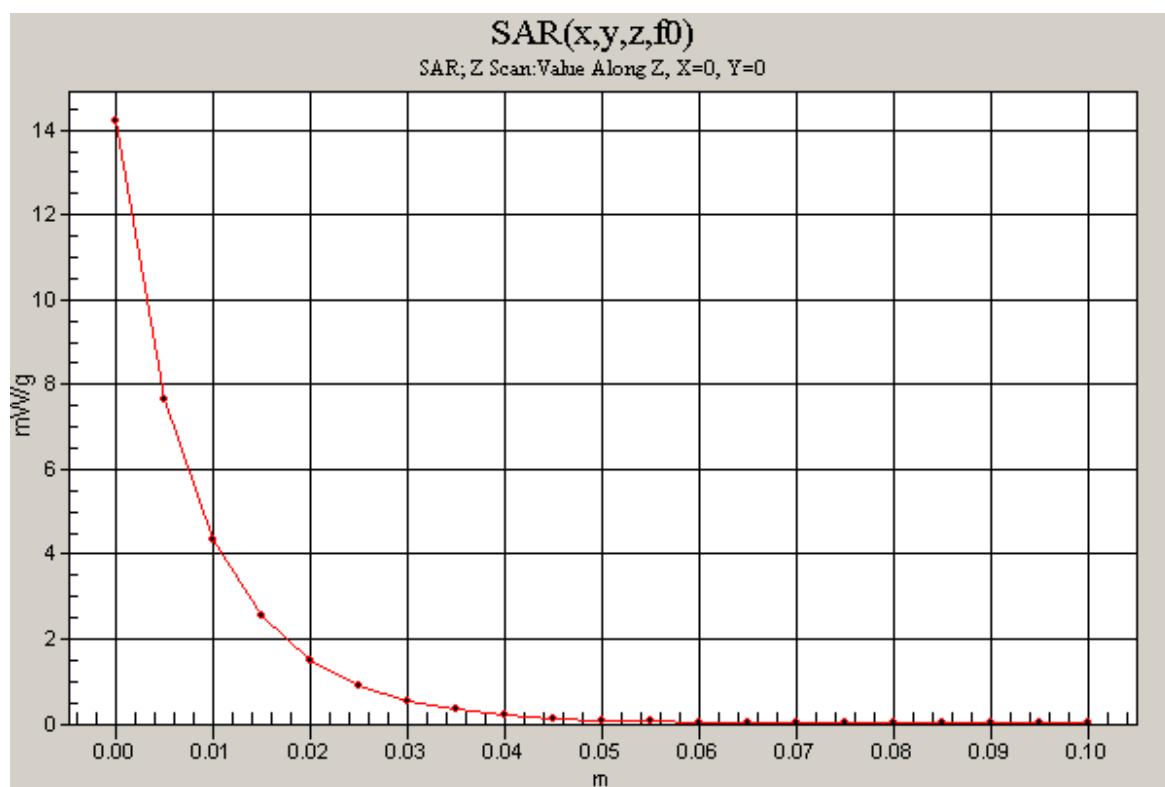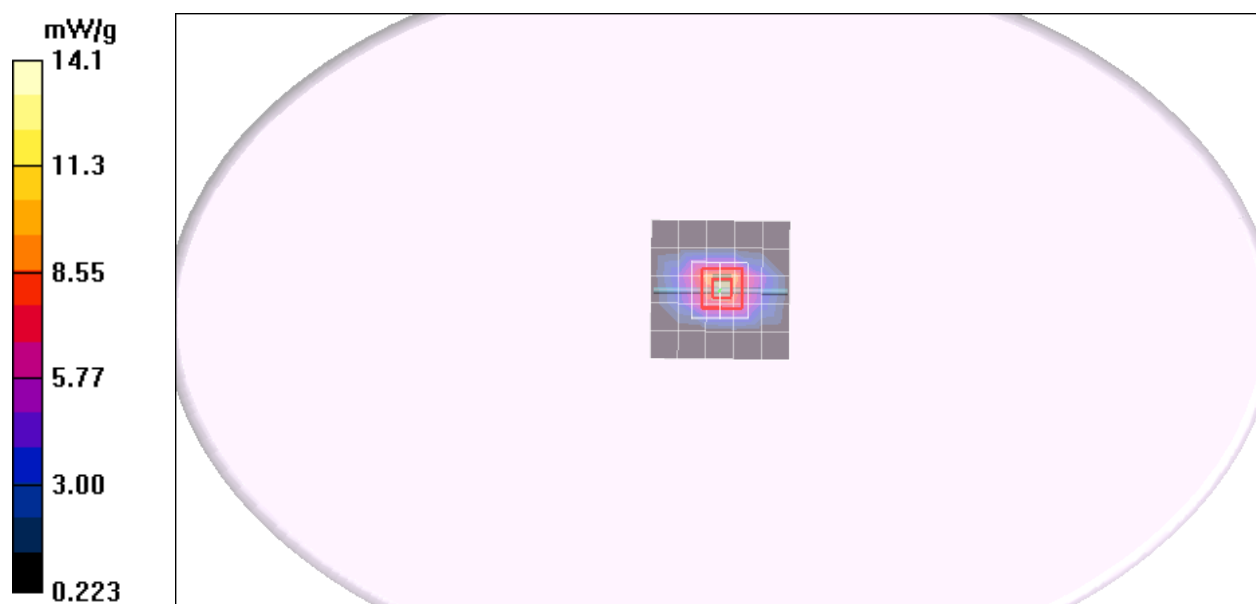
Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.39 mW/g

Maximum value of SAR (measured) = 13.3 mW/g

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

Maximum value of SAR (measured) = 13.3 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: Compliance Certification Services Inc.

WCDMA band V -Body GT2000

DUT: GT2000; Type: GT2000; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.952 mho/m; ε_r = 56.1; ρ = 1000 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(7.28, 7.28, 7.28);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2009/7/17
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

WCDMA Body Face Down Middle CH4182/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.224 mW/g

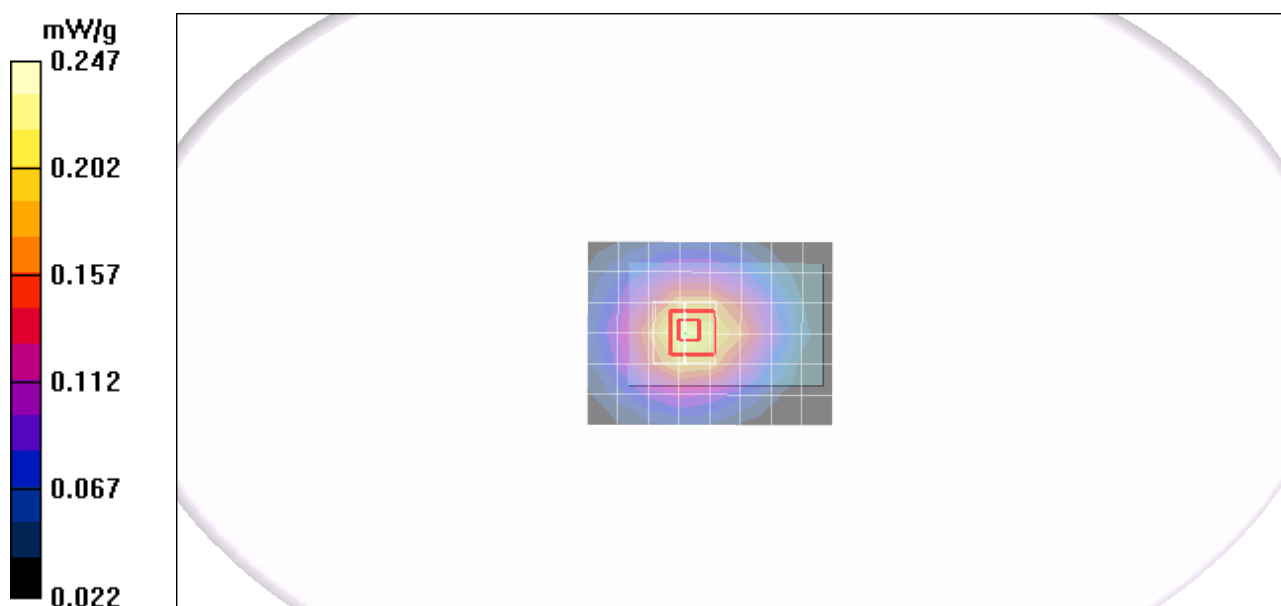# WCDMA Body Face Down Middle CH4182/Zoom Scan
(7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.5 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.217 mW/g

Test Laboratory: Compliance Certification Services Inc.

HSDPA band II -Body GT2000

DUT: GT2000; Type: GT2000; Serial: N/A

Communication System: HSDPA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 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(5.97, 5.97, 5.97);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2009/7/17
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

HSDPA Body Face Down Low CH9262/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.084 mW/g

HSDPA Body Face Down Low CH9262/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.41 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.100 mW/g
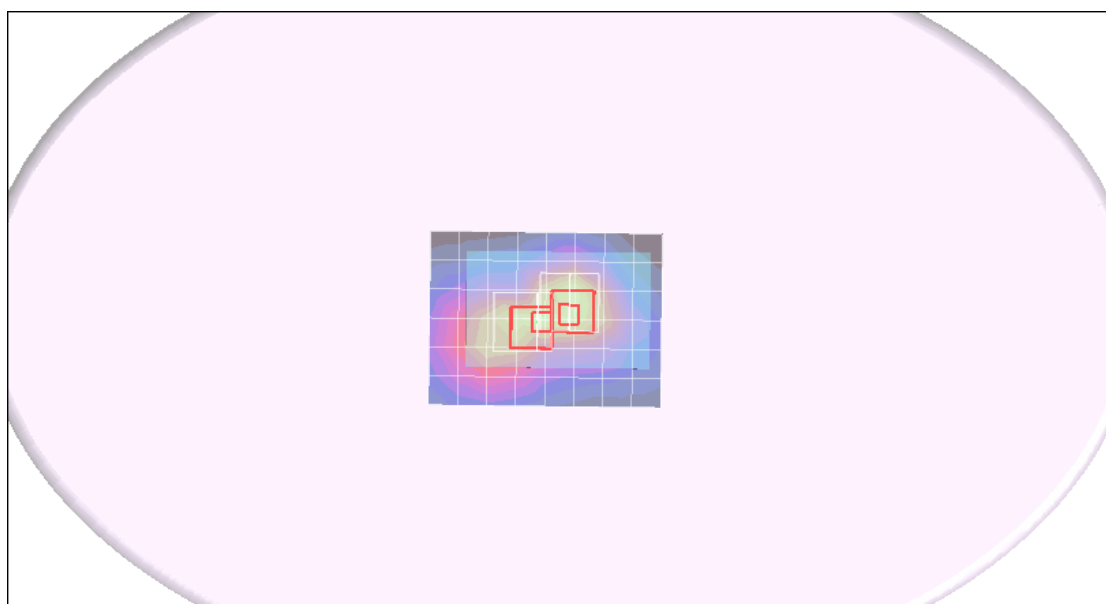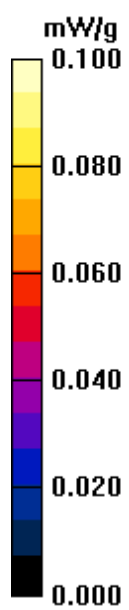
HSDPA Body Face Down Low CH9262/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.41 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.096 mW/g

Test Laboratory: Compliance Certification Services Inc.

GPRS 850 -Body GT2000 class 10

DUT: GT2000; Type: GT2000; Serial: N/A

Communication System: GPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.952 mho/m; ε_r = 56.1; ρ = 1000 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(7.28, 7.28, 7.28);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2009/7/17
- 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 Body Face Down Middle CH190/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.394 mW/g

GPRS Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.054 dB
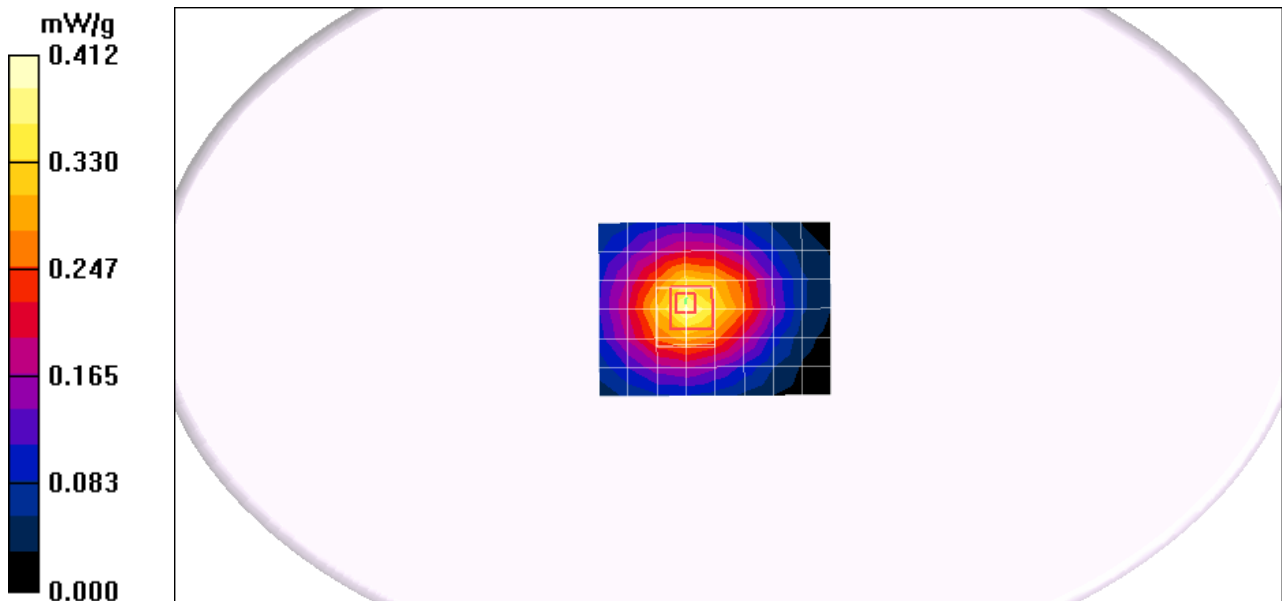Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.228 mW/g
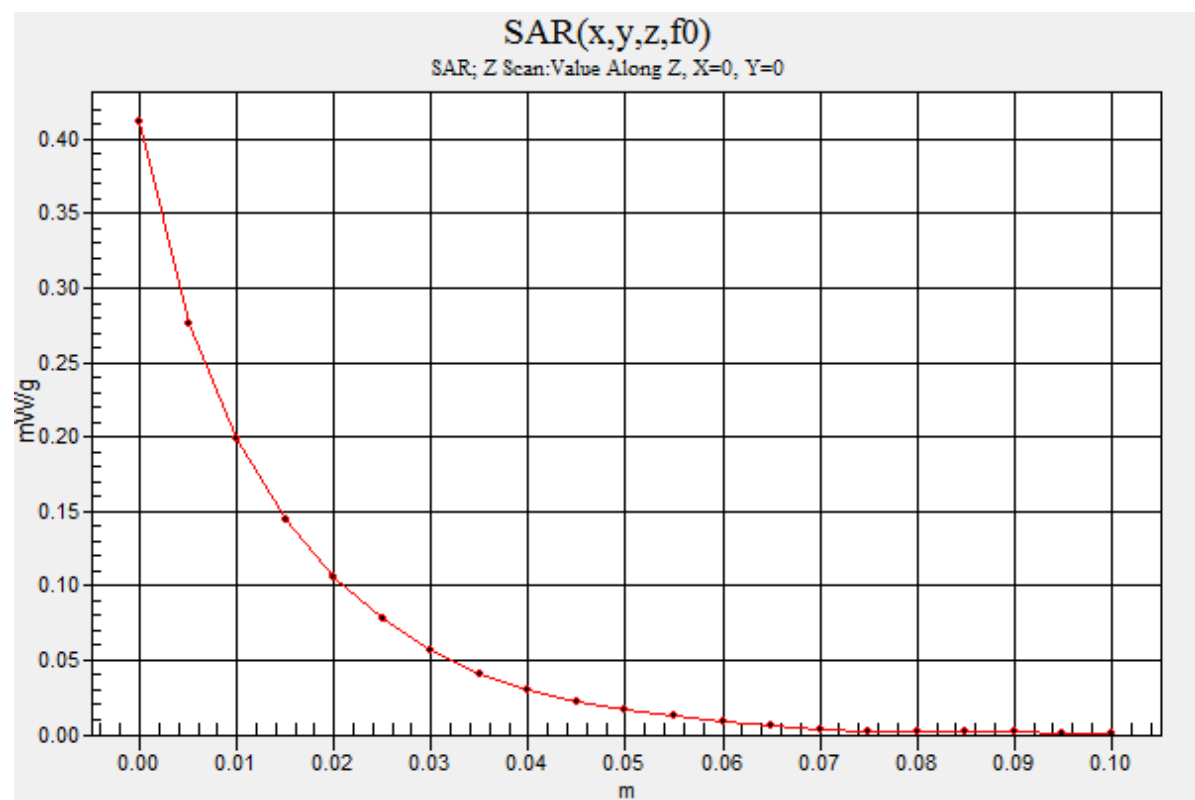Maximum value of SAR (measured) = 0.404 mW/g

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

Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.412 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: Compliance Certification Services Inc.

GPRS1900 -Body GT2000 class 10

DUT: GT2000; Type: GT2000; 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 = 52.3; ρ = 1000 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(5.97, 5.97, 5.97);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2009/7/17
- 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 Body Face Down Low CH512/Area Scan (7x9x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.122 mW/g

GPRS Body Face Down Low CH512/Zoom Scan (7x7x9)/Cube
0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.70 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.132 mW/g

GPRS Body Face Down Low CH512/Zoom Scan (7x7x9)/Cube
1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.70 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.119 mW/g