

Test Laboratory: Compliance Certification Services Inc.

File Name: System Performance Check_1800MHz .da4

System Performance Check_1800MHz

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d069

Program: SAR-00001

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: HSL_1800MHz ($\sigma = 1.43388$ mho/m, $\epsilon_r = 39.3438$, $\rho = 1000$ kg/m³)

Air Temperature 22.0 deg C ; Liquid Temperature 20.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP:1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

System Performance Check/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 91.6 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 10.7 mW/g

System Performance Check/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 91.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 5.42 mW/g

System Performance Check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

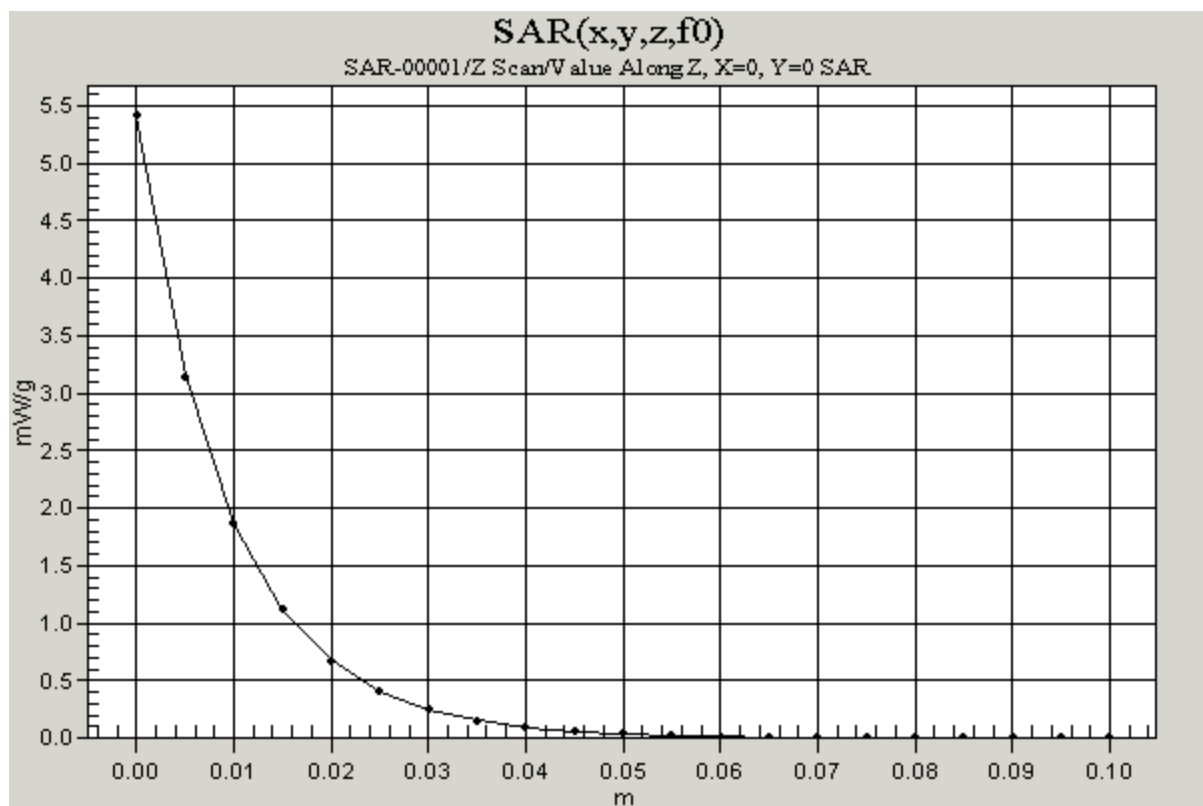
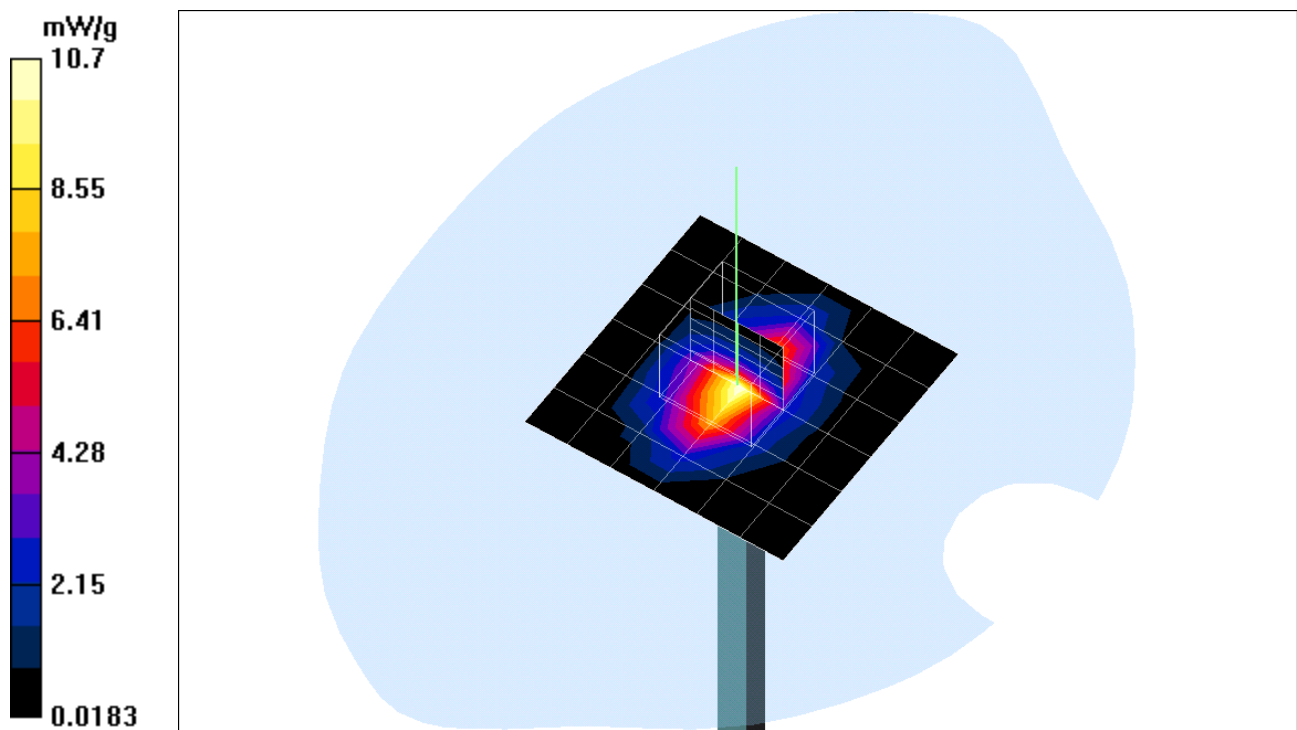
Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 9.58 mW/g; SAR(10 g) = 5.05 mW/g

Reference Value = 91.6 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 10.8 mW/g



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System Performance Check_1800MHz

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d069
Program: SAR-00001

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium: HSL_1800MHz ($\sigma = 1.37624$ mho/m, $\epsilon_r = 38.5929$, $\rho = 1000$ kg/m³)
Air Temperature 22.0 deg C ; Liquid Temperature 20.5 deg C
Phantom section: Flat Section

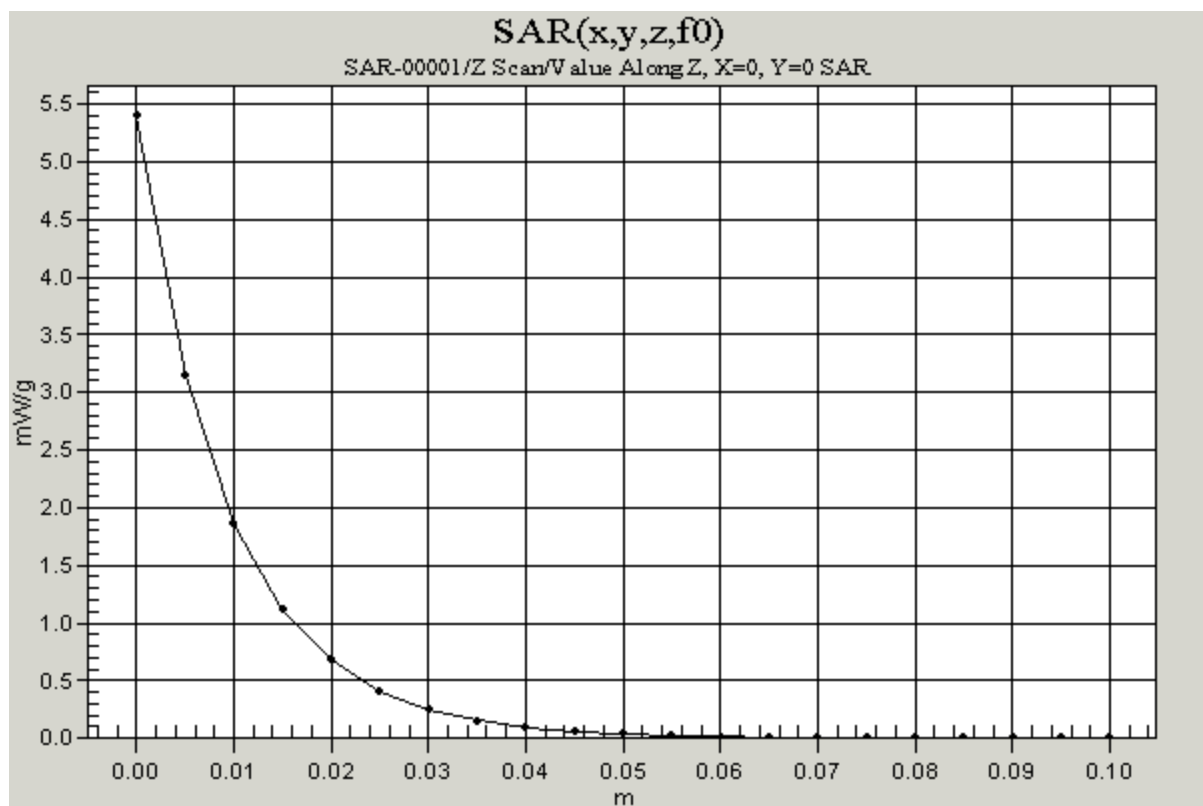
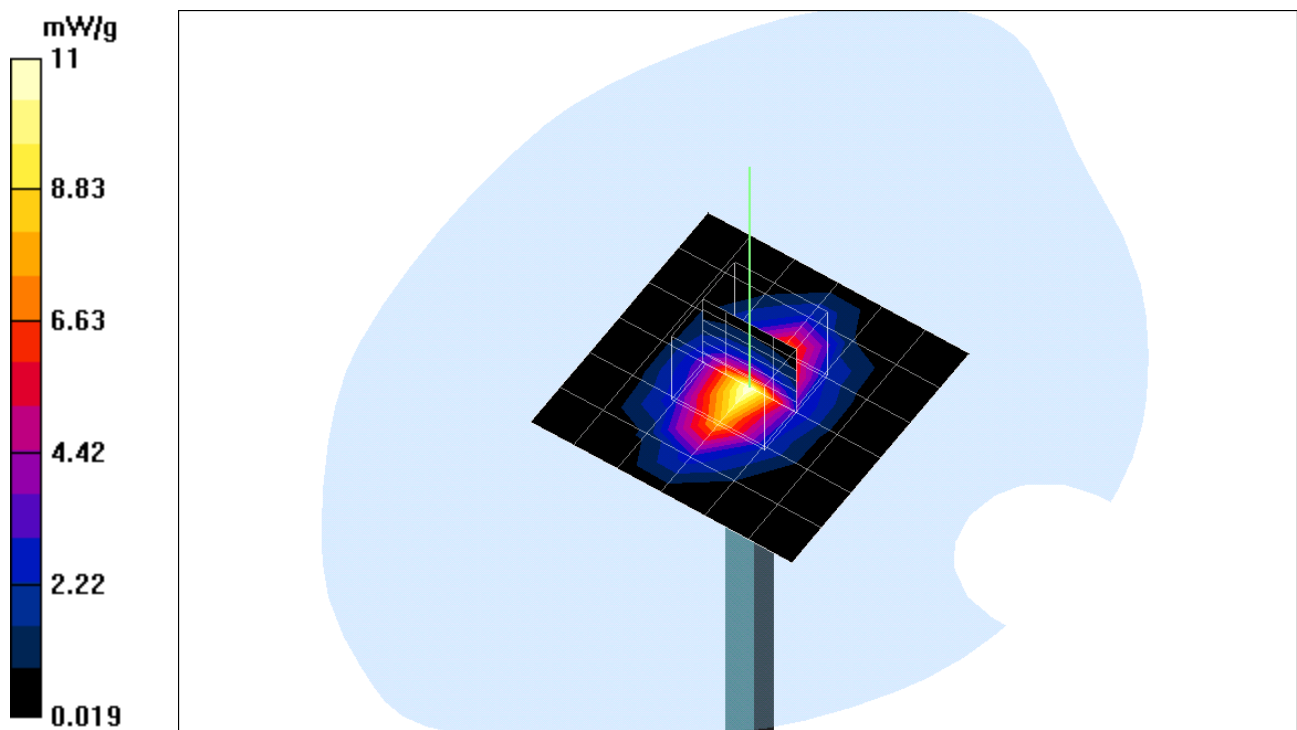
DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP:1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

System Performance Check/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 95.4 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 11 mW/g

System Performance Check/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 95.4 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 5.4 mW/g

System Performance Check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.71 mW/g; SAR(10 g) = 5.11 mW/g
Reference Value = 95.4 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 10.9 mW/g



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System Performance Check_1800MHz

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d069
Program: SAR-00001

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium: HSL_1800MHz ($\sigma = 1.43614$ mho/m, $\epsilon_r = 39.0746$, $\rho = 1000$ kg/m³)
Air Temperature 22.0 deg C ; Liquid Temperature 20.5 deg C
Phantom section: Flat Section

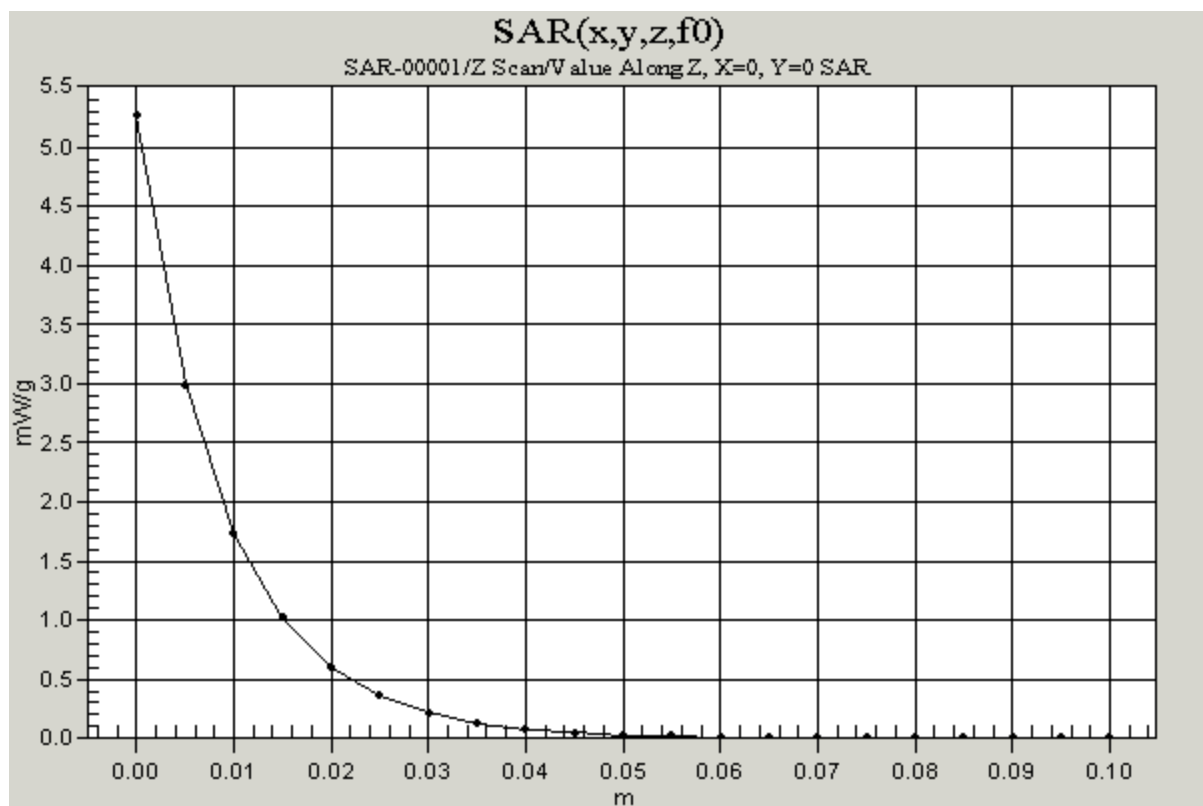
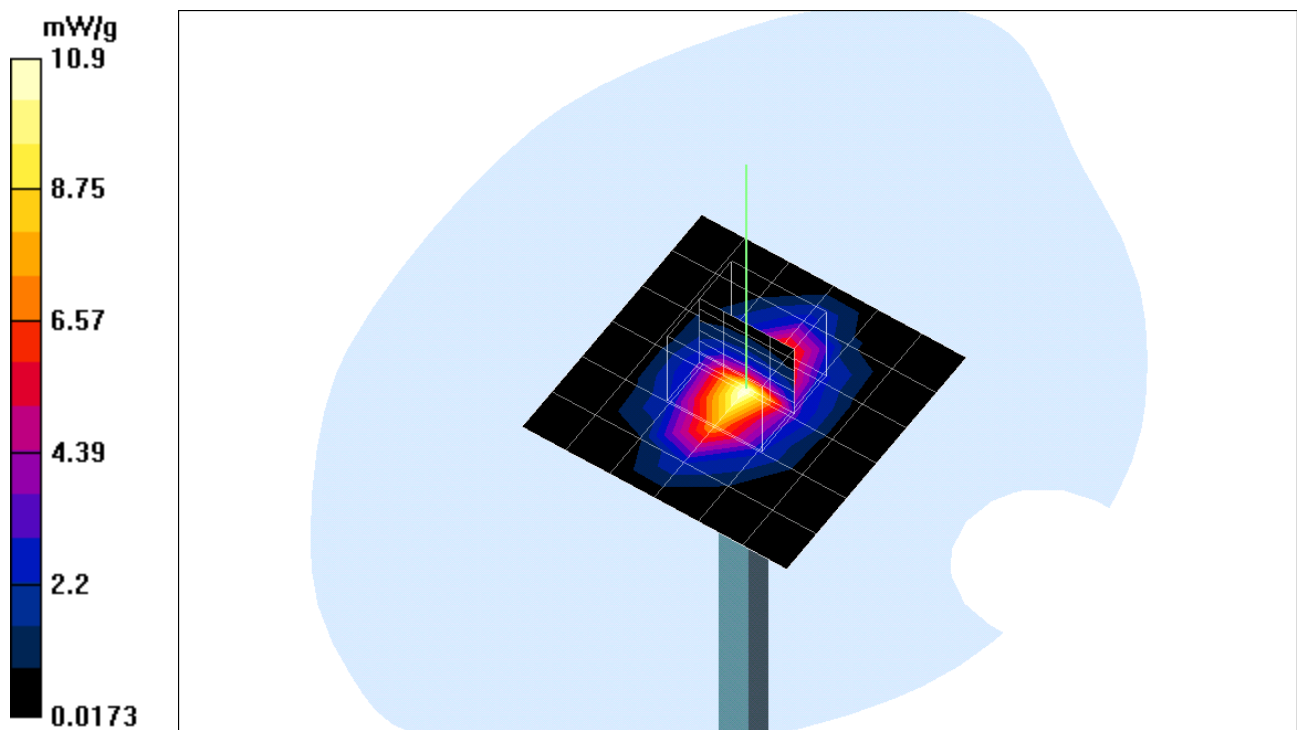
DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP:1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

System Performance Check/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 92.2 V/m
Power Drift = -0.003 dB
Maximum value of SAR = 10.9 mW/g

System Performance Check/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 92.2 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 5.27 mW/g

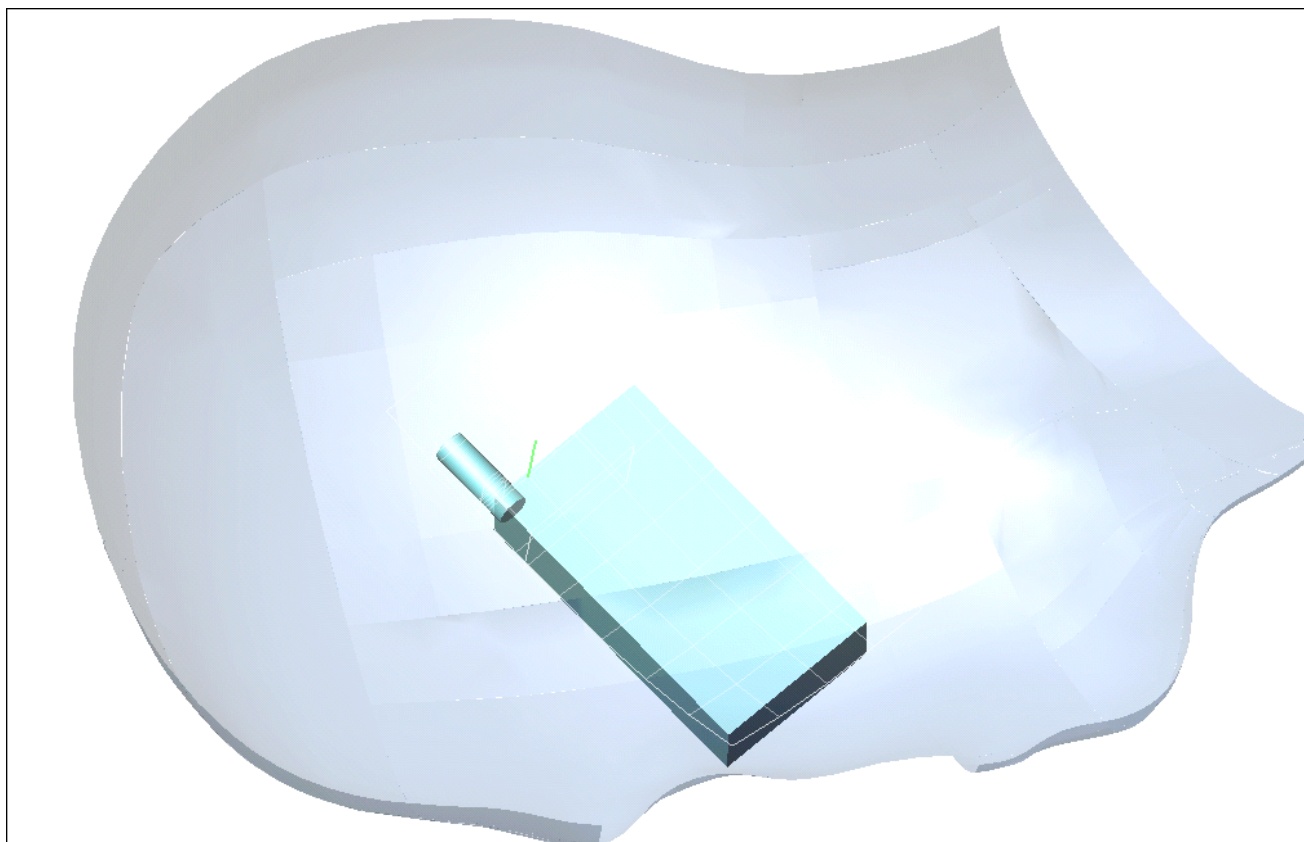
System Performance Check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.59 mW/g; SAR(10 g) = 4.99 mW/g
Reference Value = 92.2 V/m
Power Drift = -0.003 dB
Maximum value of SAR = 10.7 mW/g



Test Laboratory: Compliance Certification Services Inc.

File Name: [Right cheek V5E PCS Ch512.da4](#)

Right-Head



0 dB = 0.69mW/g

Test Laboratory: Compliance Certification Services Inc.
File Name: [Right cheek V5E PCS Ch512.da4](#)

Right cheek V5E PCS Ch512

DUT: V5E; Type: PCS 1900MHz; Serial: 350421030000600
Program: SAR-00002

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8
Medium: HSL_1900MHz ($\sigma = 1.4$ mho/m, $\epsilon_r = 39.0558$, $\rho = 1000$ kg/m³)
Air Temperature 22.0 deg C ; Liquid Temperature 20.5 deg C
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP:1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Right cheek/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.1 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.651 mW/g

Right cheek/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 15.1 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.301 mW/g

Right cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.1 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.316 mW/g
Reference Value = 15.1 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.69 mW/g

Right cheek/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.903 W/kg
SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.243 mW/g
Reference Value = 15.1 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.55 mW/g