

Test Laboratory: Compliance Certification Services

File Name: [D1800V2 SN294\\_092903.da4](#)

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294**

**Program: System Performance Check at 1800 MHz**

**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C**

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

Medium: Head 1800 MHz ( $\sigma = 1.4319$  mho/m,  $\epsilon_r = 40.1506$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 90.6 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 8.38 mW/g

**d=10mm; Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

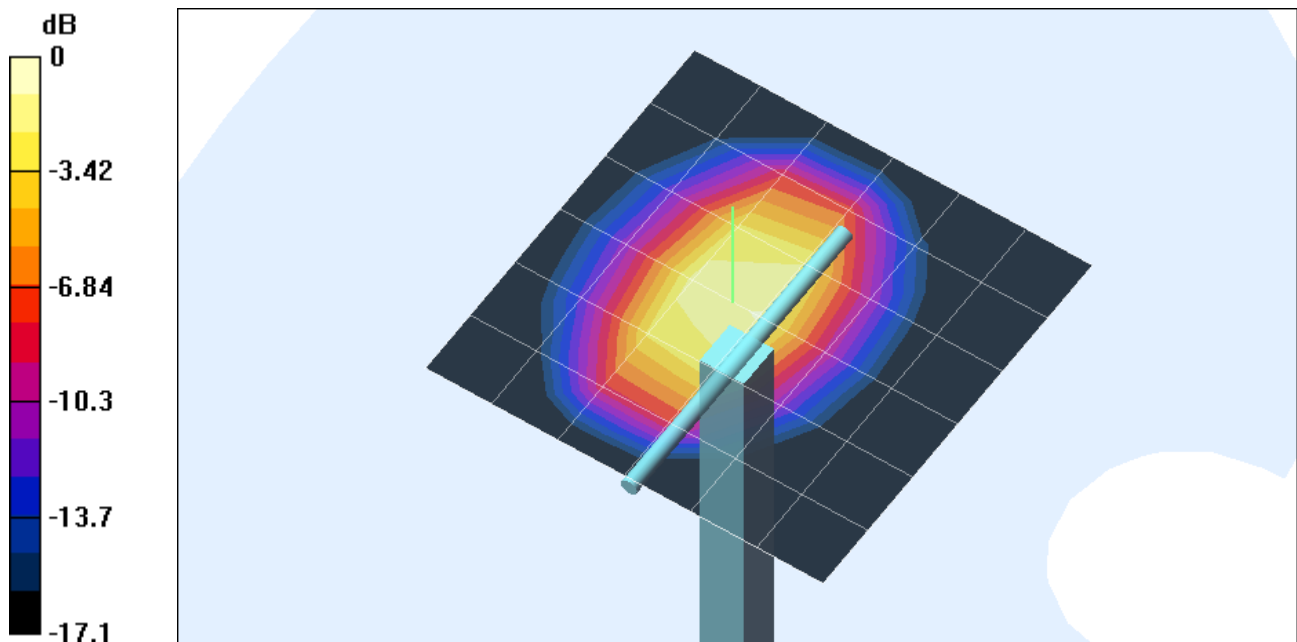
Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 9.55 mW/g; SAR(10 g) = 5.03 mW/g

Reference Value = 90.6 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 10.6 mW/g



0 dB = 10.6mW/g

Test Laboratory: Compliance Certification Services

File Name: [D1800V2 SN294\\_092903.da4](#)

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294**  
**Program: System Performance Check at 1800 MHz**

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

Medium: Head 1800 MHz ( $\sigma = 1.4319$  mho/m,  $\epsilon_r = 40.1506$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

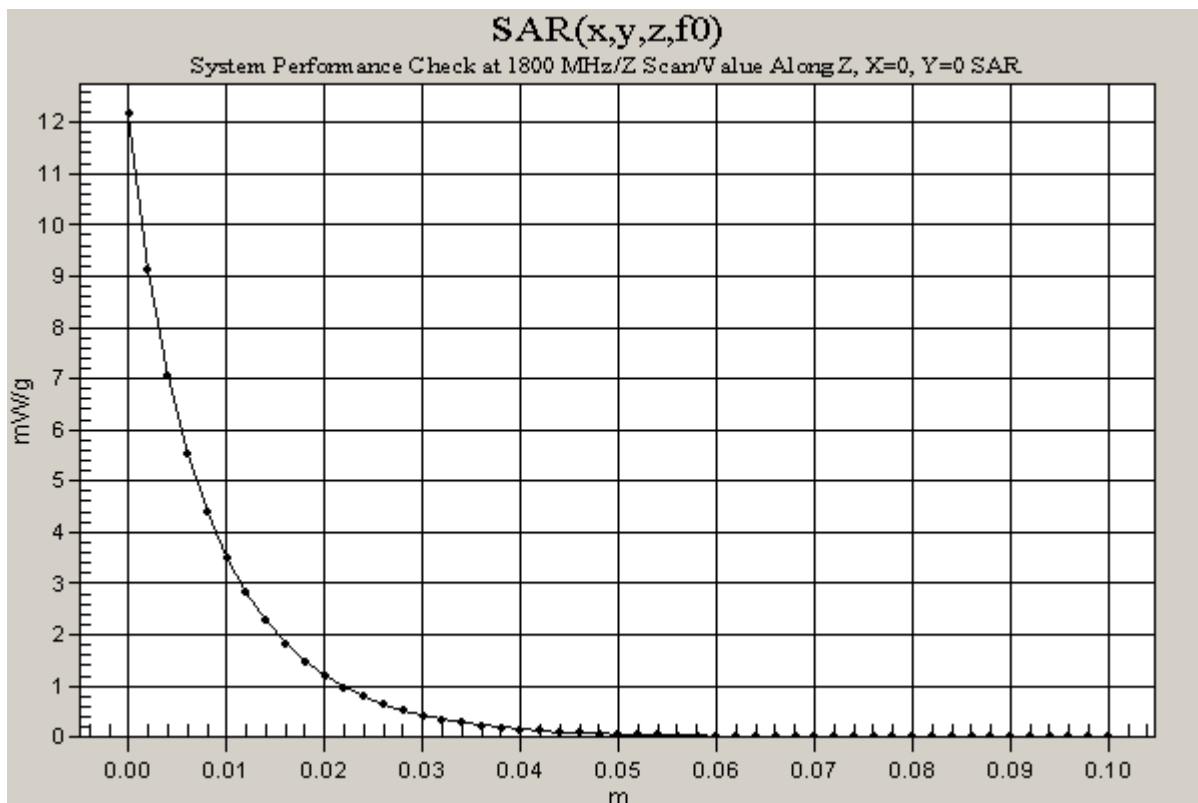
- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**d=10mm; Pin=250mW/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 90.6 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 12.2 mW/g



Test Laboratory: Compliance Certification Services

File Name: [D1800V2 SN294\\_100103.da4](#)

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294**

**Program: System Performance Check at 1800 MHz**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

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

Medium: Head 1800 MHz ( $\sigma = 1.4304$  mho/m,  $\epsilon_r = 40.1309$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 90.8 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 8.44 mW/g

**d=10mm; Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

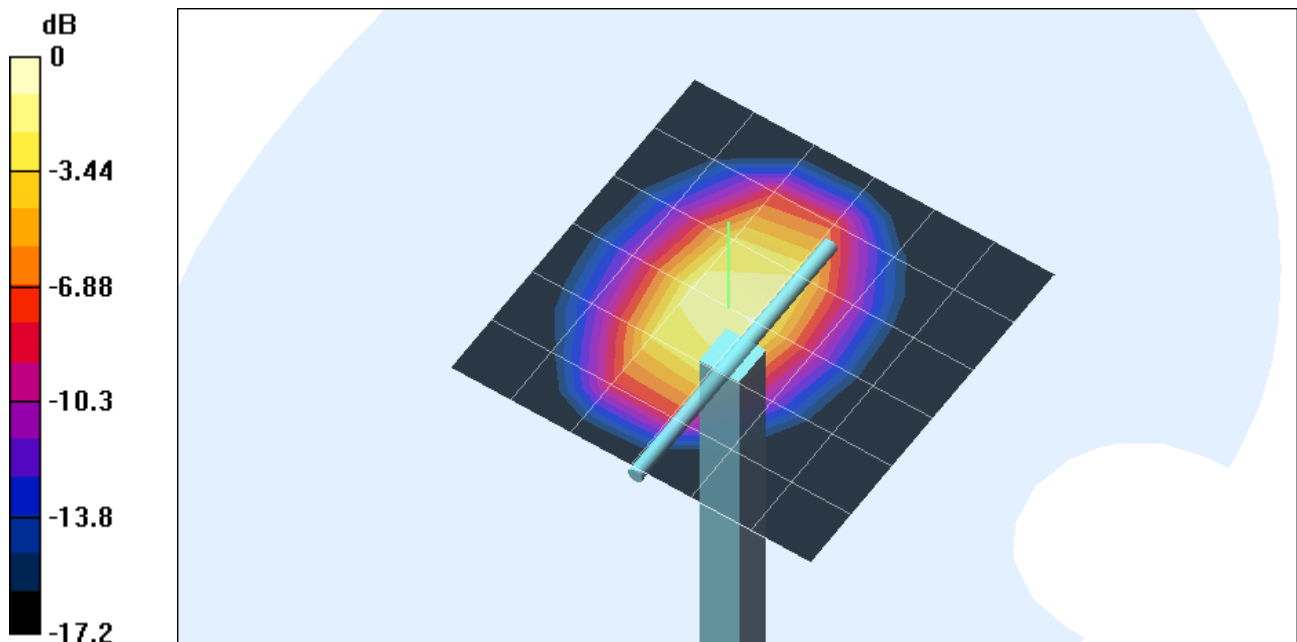
Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 9.55 mW/g; SAR(10 g) = 4.99 mW/g

Reference Value = 90.8 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 10.7 mW/g



0 dB = 10.7mW/g

Test Laboratory: Compliance Certification Services

File Name: [D1800V2 SN294\\_100103.da4](#)

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294**  
**Program: System Performance Check at 1800 MHz**

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

Medium: Head 1800 MHz ( $\sigma = 1.4304$  mho/m,  $\epsilon_r = 40.1309$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

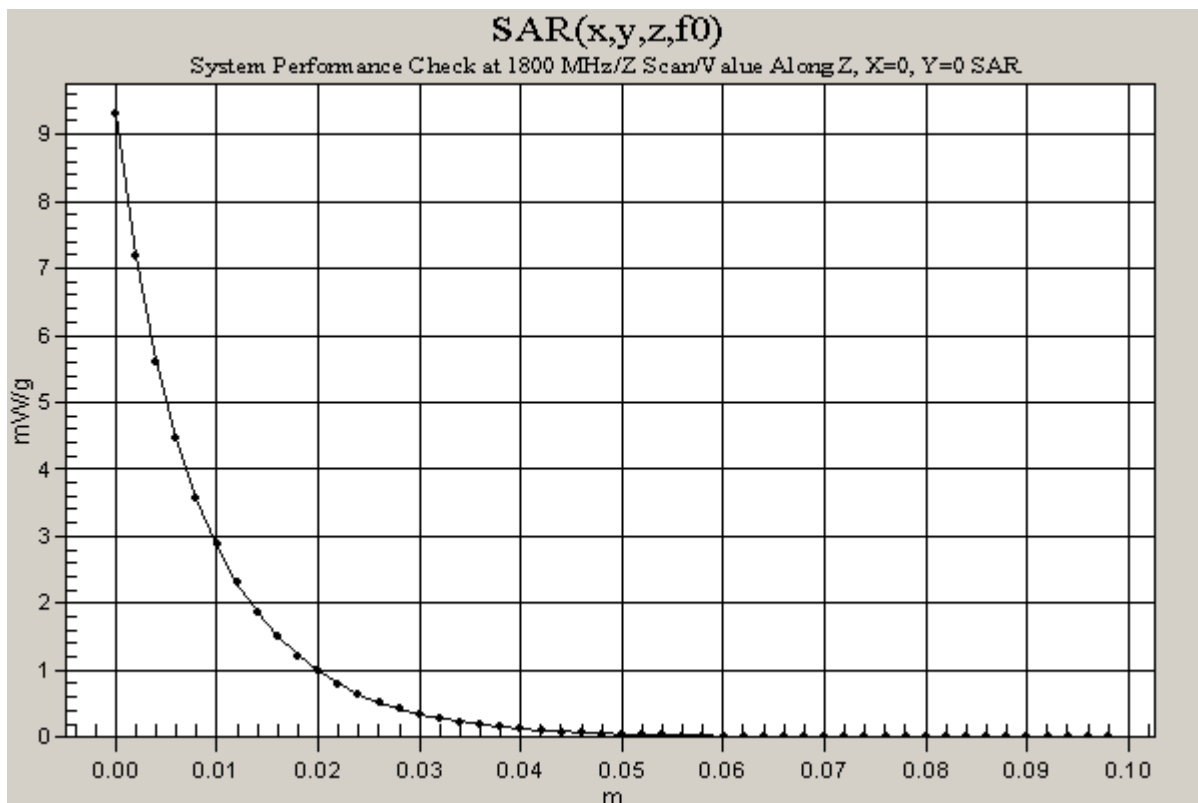
- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**d=10mm; Pin=250mW/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 90.8 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 9.32 mW/g



Test Laboratory: Compliance Certification Services

File Name: [D900V2SN108\\_100103.da4](#)

**DUT: Dipole 900 MHz; Type: D900V2; Serial: 108**

**Program: System Performance Check at 900 MHz**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ( $\sigma = 0.9368$  mho/m,  $\epsilon_r = 42.0754$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**d=15mm, Pin=250mW/Area Scan (7x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 57.9 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 2.9 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

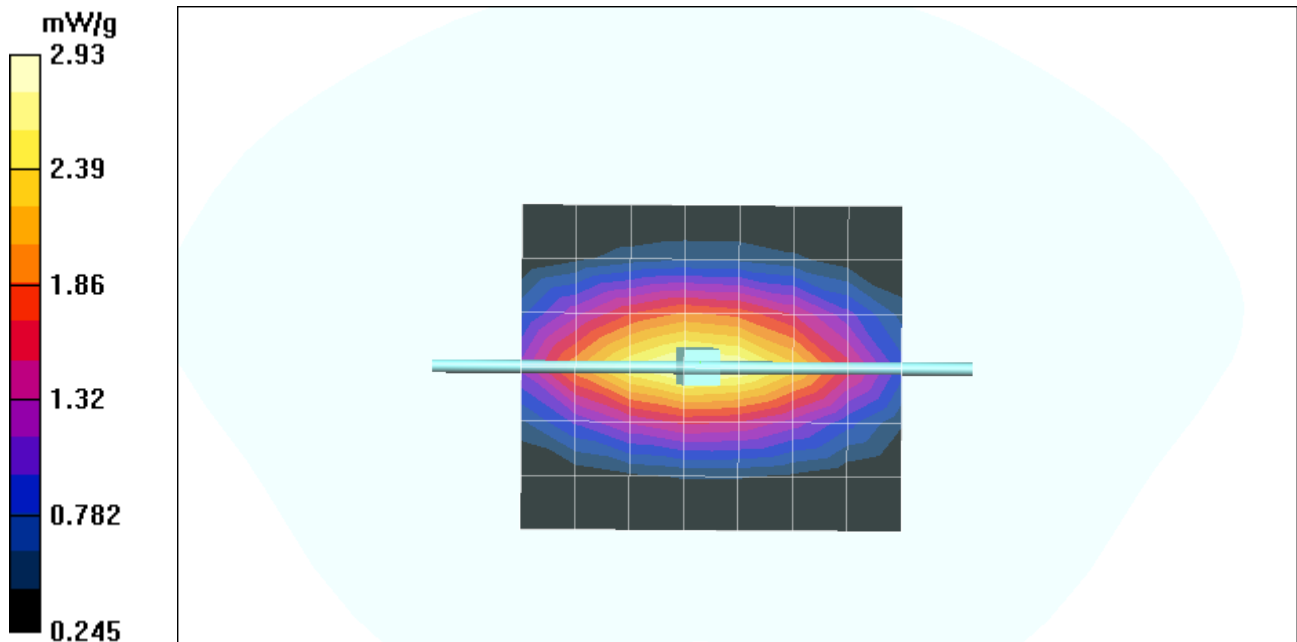
Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.75 mW/g

Reference Value = 57.9 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 2.93 mW/g



Test Laboratory: Compliance Certification Services

File Name: [D900V2SN108\\_100103.da4](#)

**DUT: Dipole 900 MHz; Type: D900V2; Serial: 108**  
**Program: System Performance Check at 900 MHz**

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ( $\sigma = 0.9368$  mho/m,  $\epsilon_r = 42.0754$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

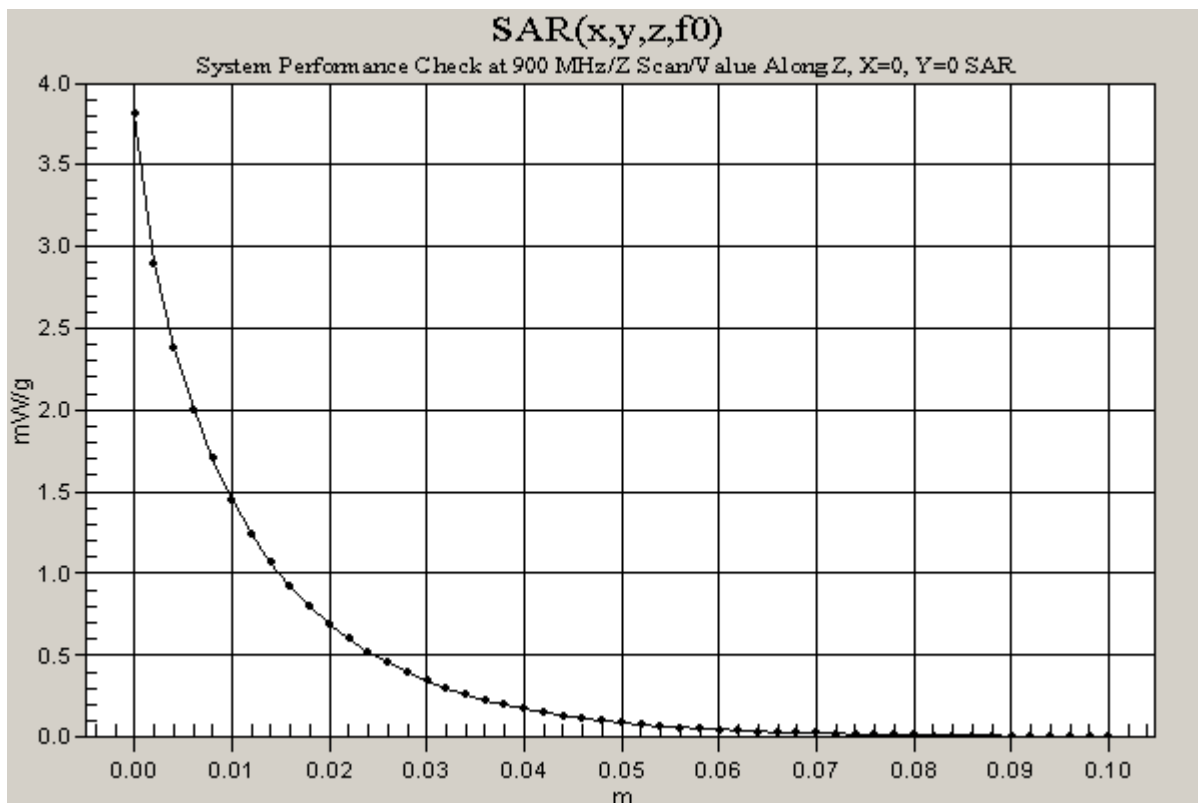
- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**d=15mm, Pin=250mW/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 57.9 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 3.81 mW/g



Test Laboratory: Compliance Certification Services

File Name: [D900V2SN108\\_100203.da4](#)

**DUT: Dipole 900 MHz; Type: D900V2; Serial: 108**

**Program: System Performance Check at 900 MHz**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ( $\sigma = 0.9373$  mho/m,  $\epsilon_r = 42.0568$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**d=15mm, Pin=250mW/Area Scan (7x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 57.5 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 2.85 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

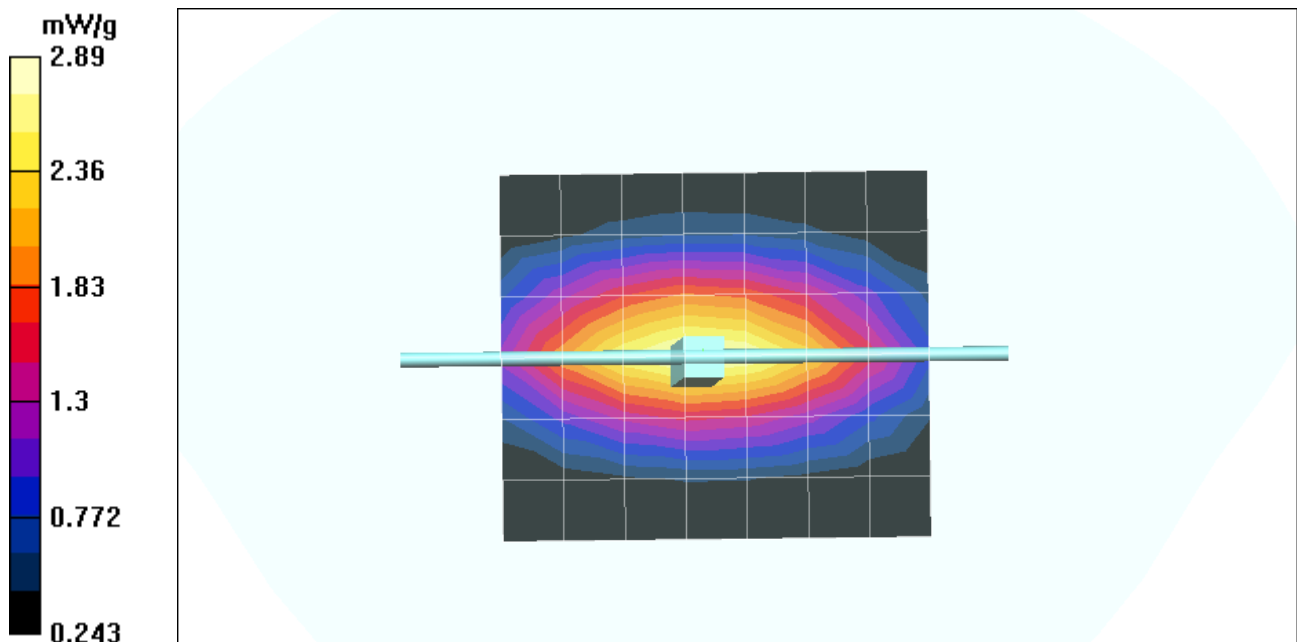
Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.74 mW/g

Reference Value = 57.5 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 2.89 mW/g



Test Laboratory: Compliance Certification Services

File Name: [D900V2SN108\\_100203.da4](#)

**DUT: Dipole 900 MHz; Type: D900V2; Serial: 108**  
**Program: System Performance Check at 900 MHz**

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ( $\sigma = 0.9373$  mho/m,  $\epsilon_r = 42.0568$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**d=15mm, Pin=250mW/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 57.5 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 3.81 mW/g

