

Test Laboratory: Compliance Certification Services Inc.

SystemPerformanceCheck-D900

DUT: Dipole 900 MHz; Type: D900V2; Serial: 179

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

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

Reference Value = 60.0 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 2.74 mW/g

d=15mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 60.0 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 1.54 mW/g

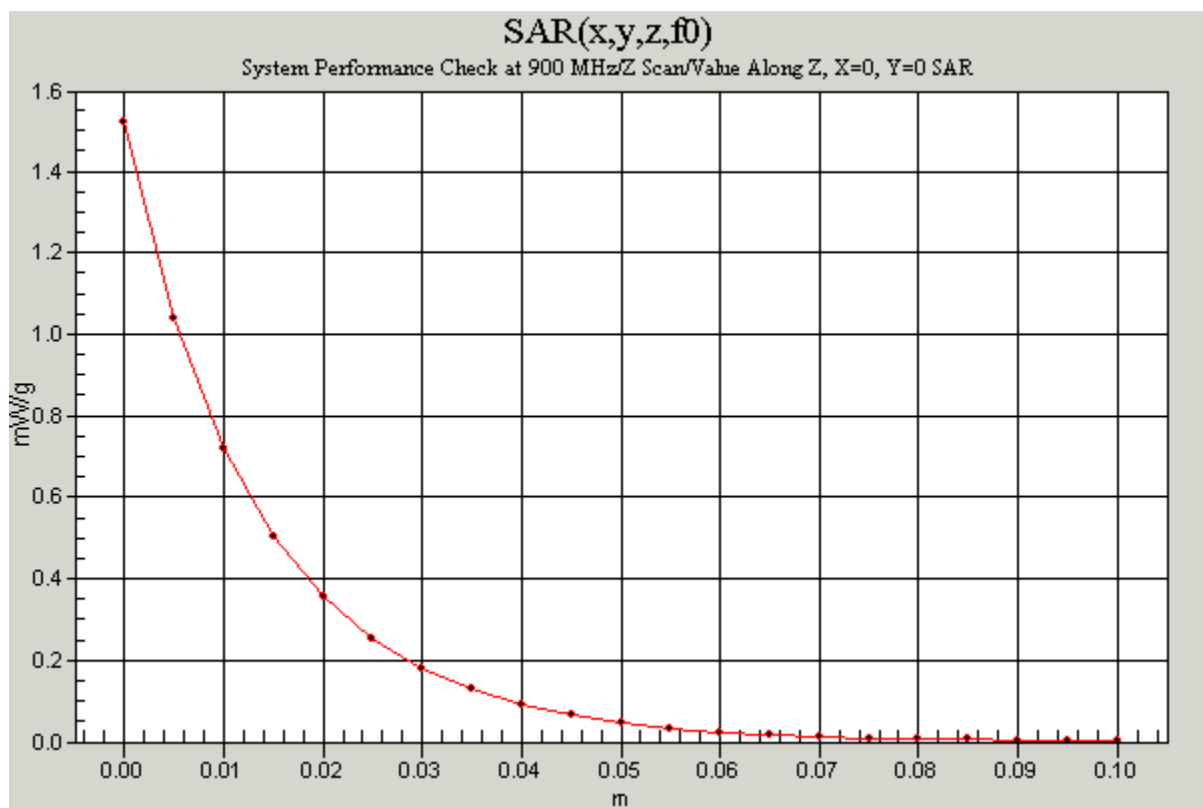
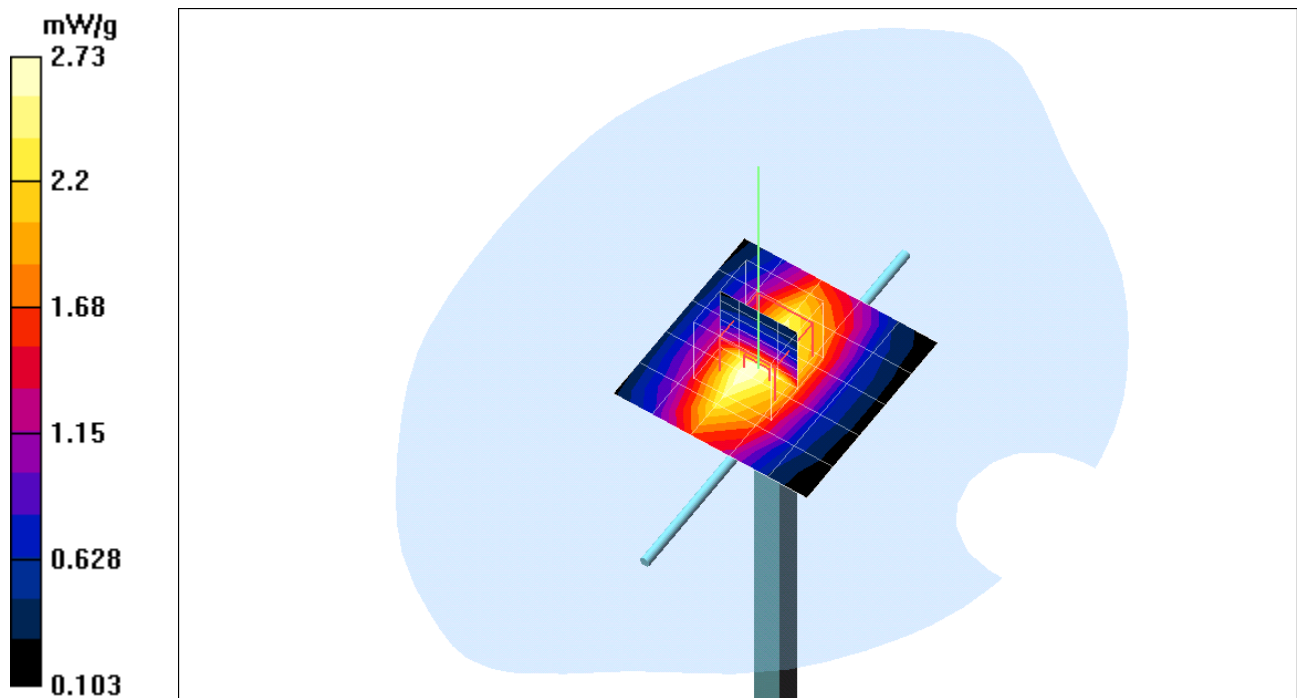
d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 60.0 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 2.89 mW/g

Peak SAR (extrapolated) = 4.09 W/kg

SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.72 mW/g



Test Laboratory: Compliance Certification Services Inc.

D1800V2 SN-3

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d062

Communication System: CW1800; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Pin=250mW,d=10mm 2/Area Scan (6x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 94.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 7.48 mW/g

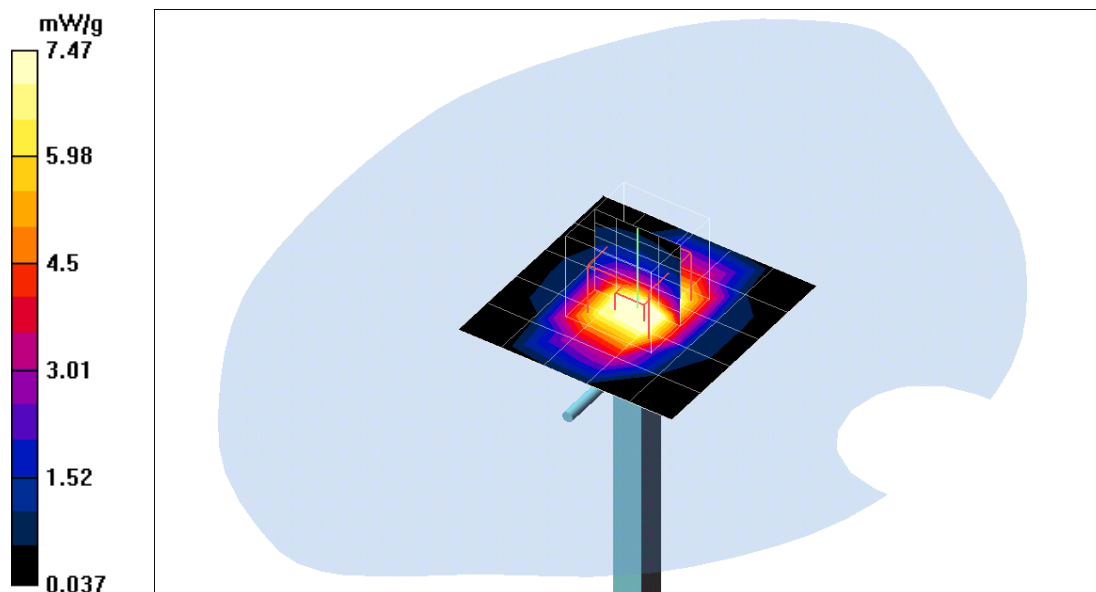
Pin=250mW,d=10mm 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 94.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 10.8 mW/g

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 9.61 mW/g; SAR(10 g) = 5.08 mW/g



Test Laboratory: Compliance Certification Services Inc.

D1800V2 SN-3-Body

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d062

Communication System: CW1800; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(4.66, 4.66, 4.66); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

Reference Value = 93.1 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 7.57 mW/g

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

Reference Value = 93.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 8.65 mW/g

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

Reference Value = 93.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 10.9 mW/g

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 9.60 mW/g; SAR(10 g) = 5.18 mW/g

