

Test Laboratory: Compliance Certification Services Inc.

D835V2-SN 4d015-Head

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; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ 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:

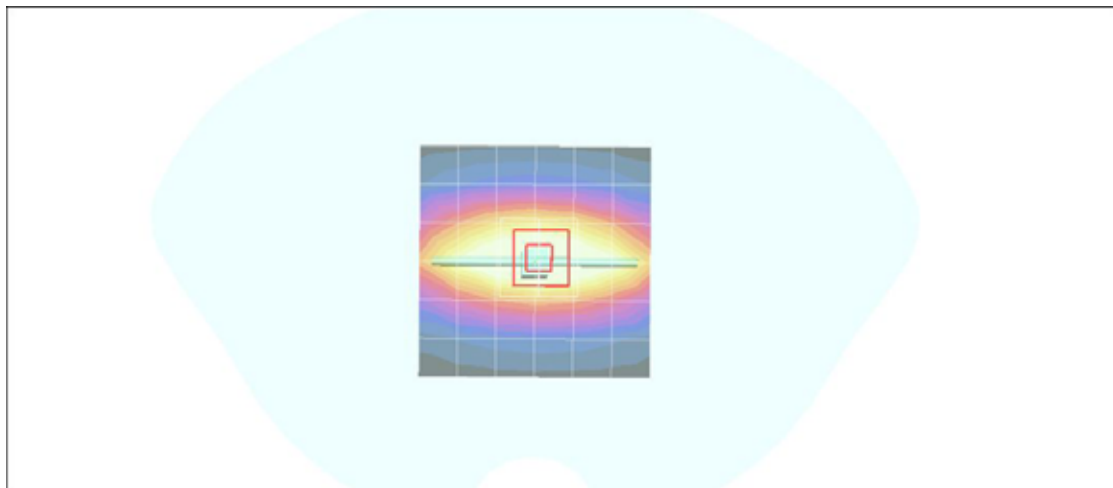
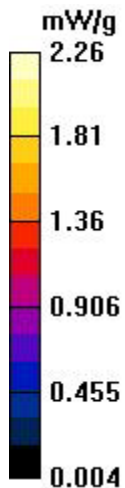
- Probe: EX3DV4 - SN3665; ConvF(9.42, 9.42, 9.42);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: SAM with CRP; Type: SAM; Serial: 1506
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=15mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.91 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

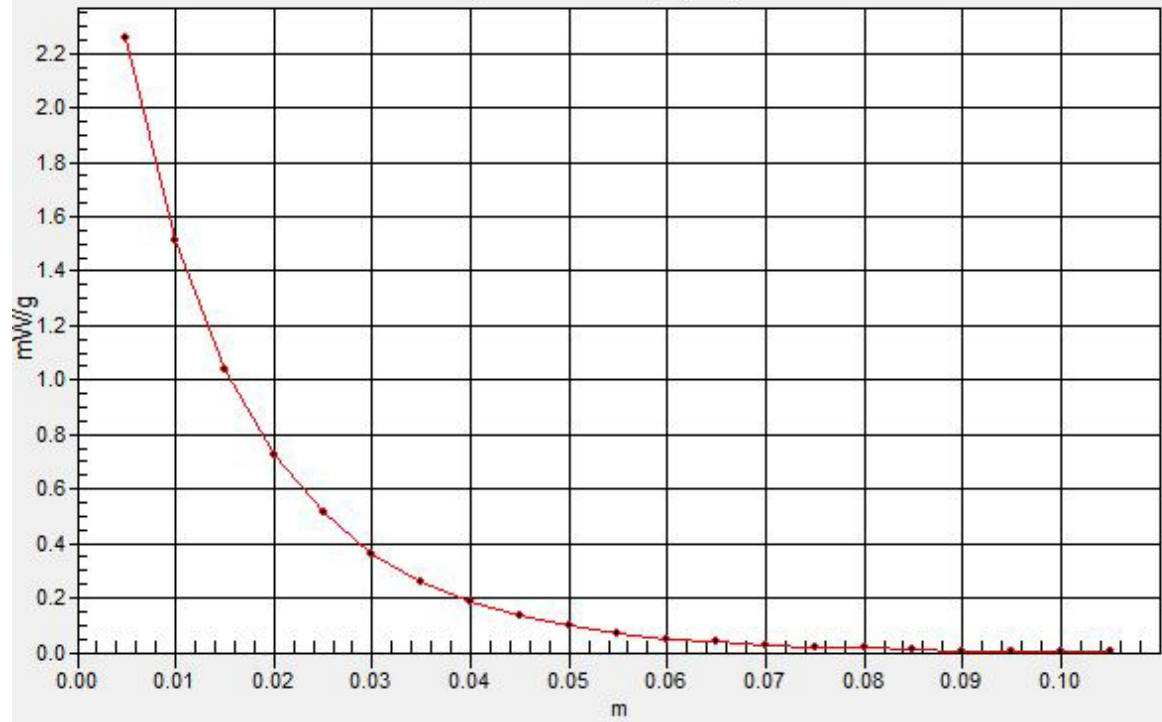
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.8 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.55 mW/g
Maximum value of SAR (measured) = 2.93 mW/g

d=15mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.26 mW/g



SAR(x,y,z,f0)

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



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; $\sigma = 0.94$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ 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 - SN3665; ConvF(9.5, 9.5, 9.5);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1056
- 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) = 3.00 mW/g

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

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

Reference Value = 53.1 V/m; Power Drift = -0.001 dB

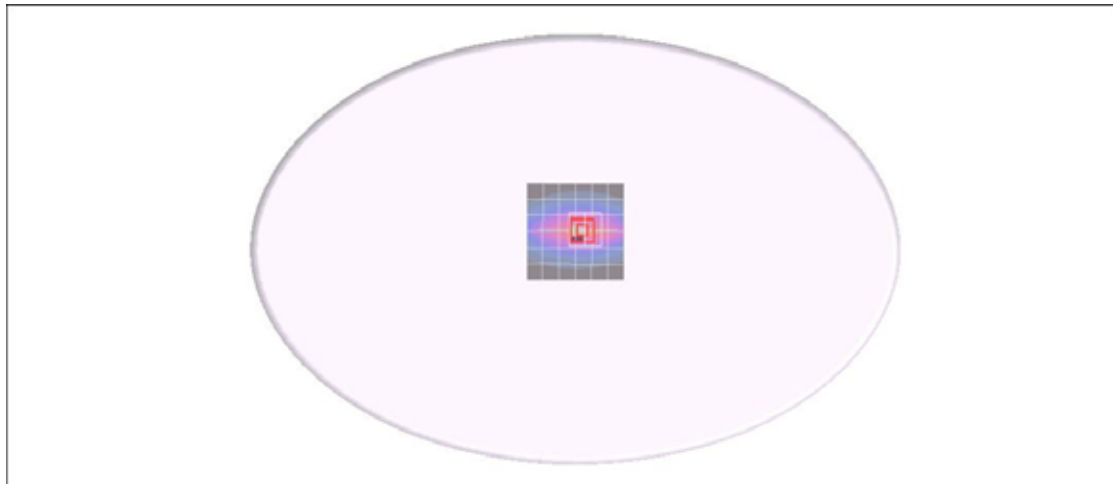
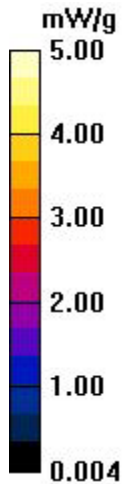
Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.61 mW/g

Maximum value of SAR (measured) = 3.06 mW/g

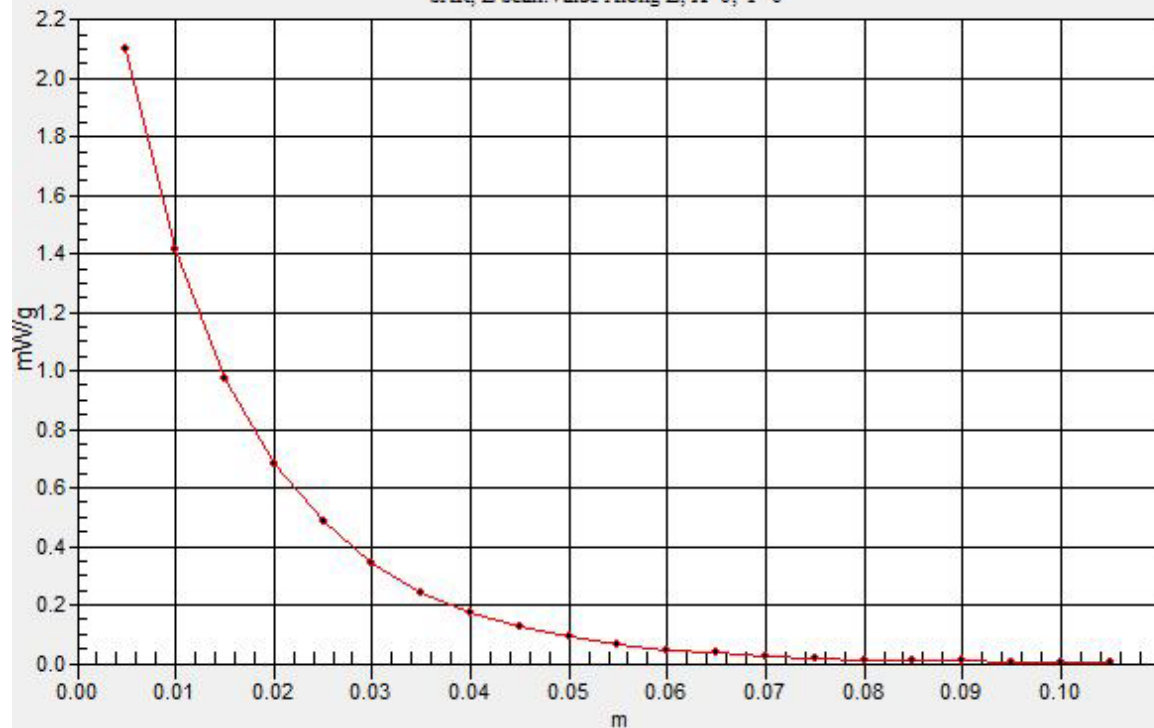
d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.10 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 Head

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

Communication System: CW1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 - SN3665; ConvF(8.07, 8.07, 8.07);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: SAM with CRP; Type: SAM; Serial: 1506
- 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) = 10.1 mW/g

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

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

Reference Value = 96.8 V/m; Power Drift = -0.036 dB

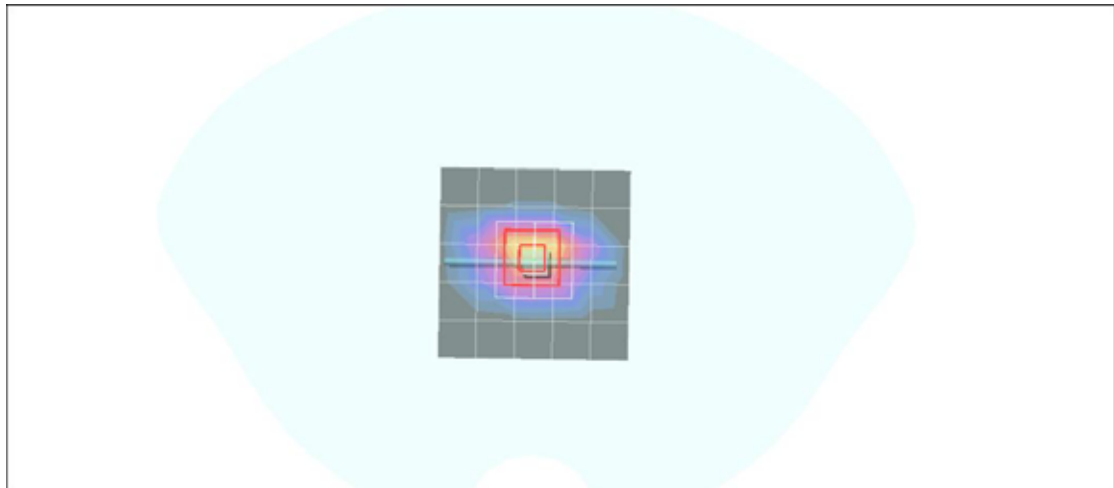
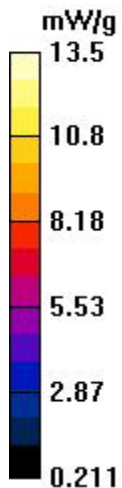
Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 9.83 mW/g; SAR(10 g) = 5.02 mW/g

Maximum value of SAR (measured) = 13.5 mW/g

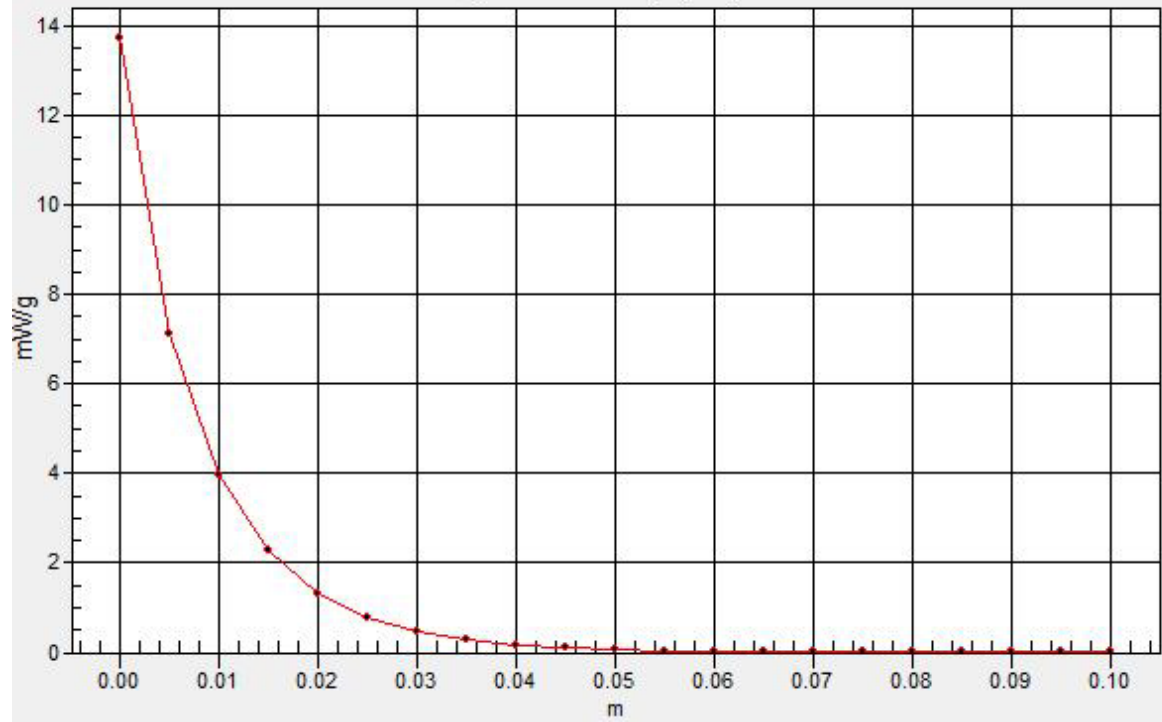
Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 13.7 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; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ 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:

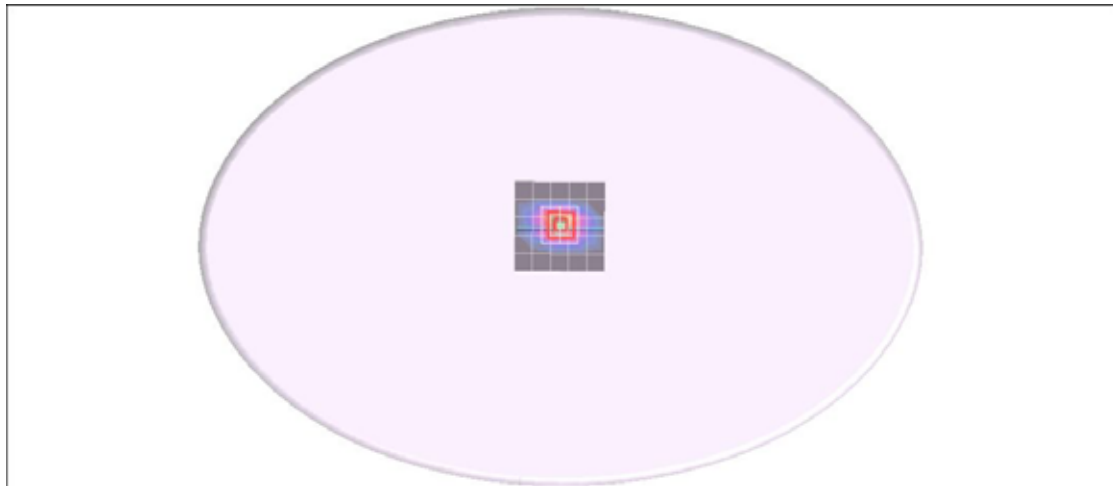
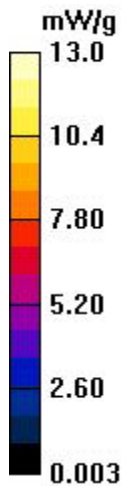
- Probe: EX3DV4 - SN3665; ConvF(8.06, 8.06, 8.06);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.81 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.3 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 9.88 mW/g; SAR(10 g) = 5.13 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) = 13.7 mW/g



SAR(x,y,z,f0)

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

