

Test Laboratory: Compliance Certification Services

D835V2SN4d002_022504

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d002

Ambient temperature = 23.0 deg. C; Liquid temperature = 22.0 deg. C

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.927 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 54.9 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 2.75 mW/g

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

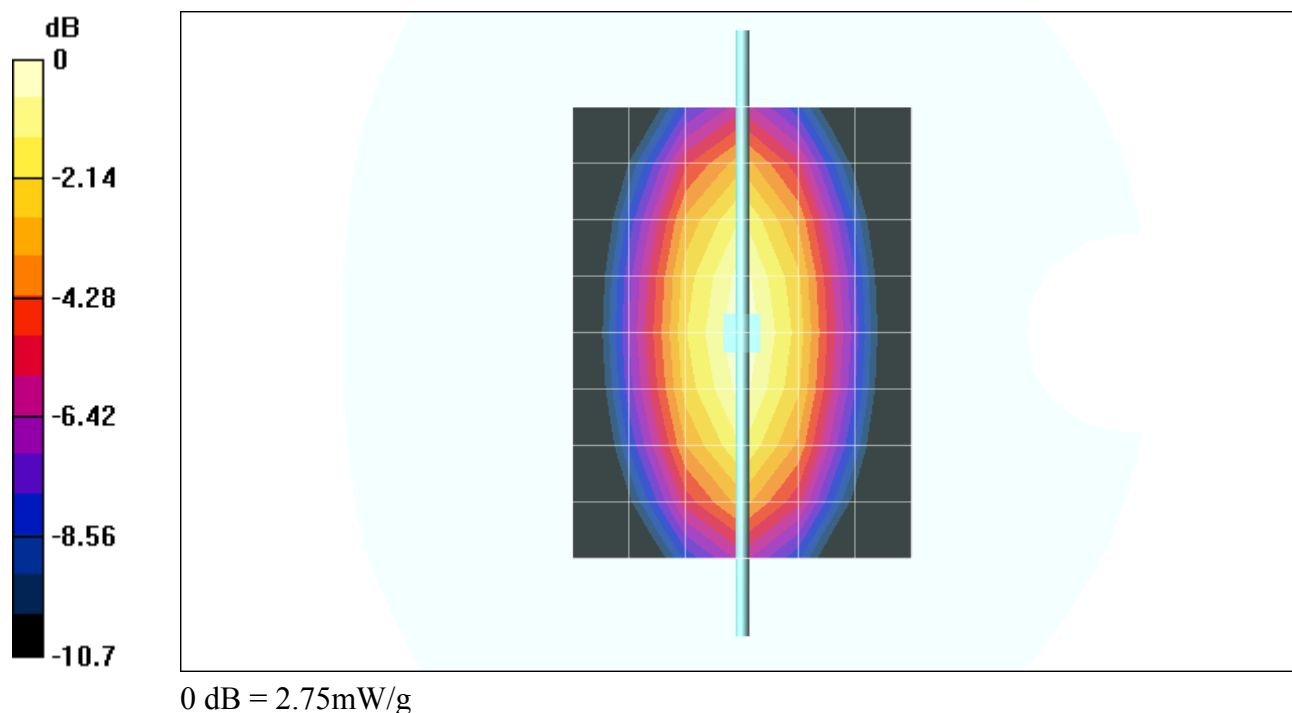
Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.65 mW/g

Reference Value = 54.9 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 2.75 mW/g



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DASY4 Configuration:

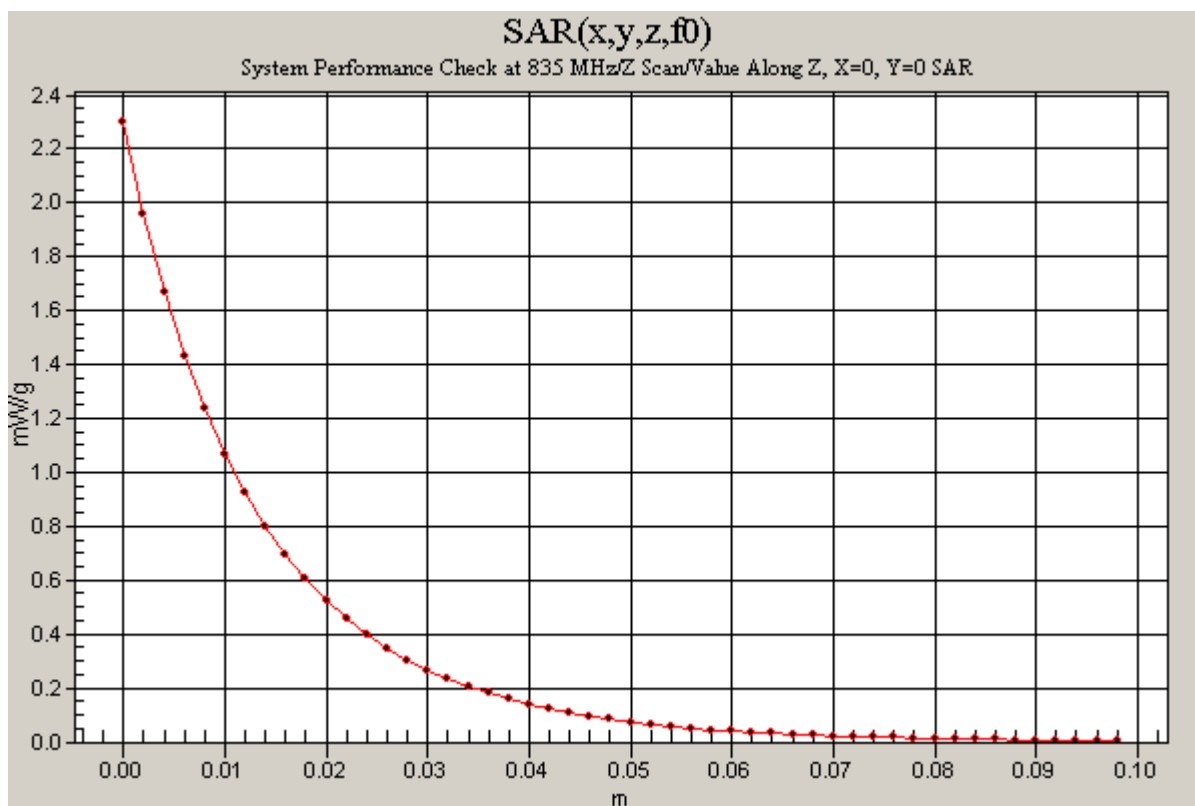
- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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

Reference Value = 54.9 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 2.3 mW/g



Test Laboratory: Compliance Certification Services

D835V2SN4d002_030404

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d002

Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.914 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 54.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 2.64 mW/g

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

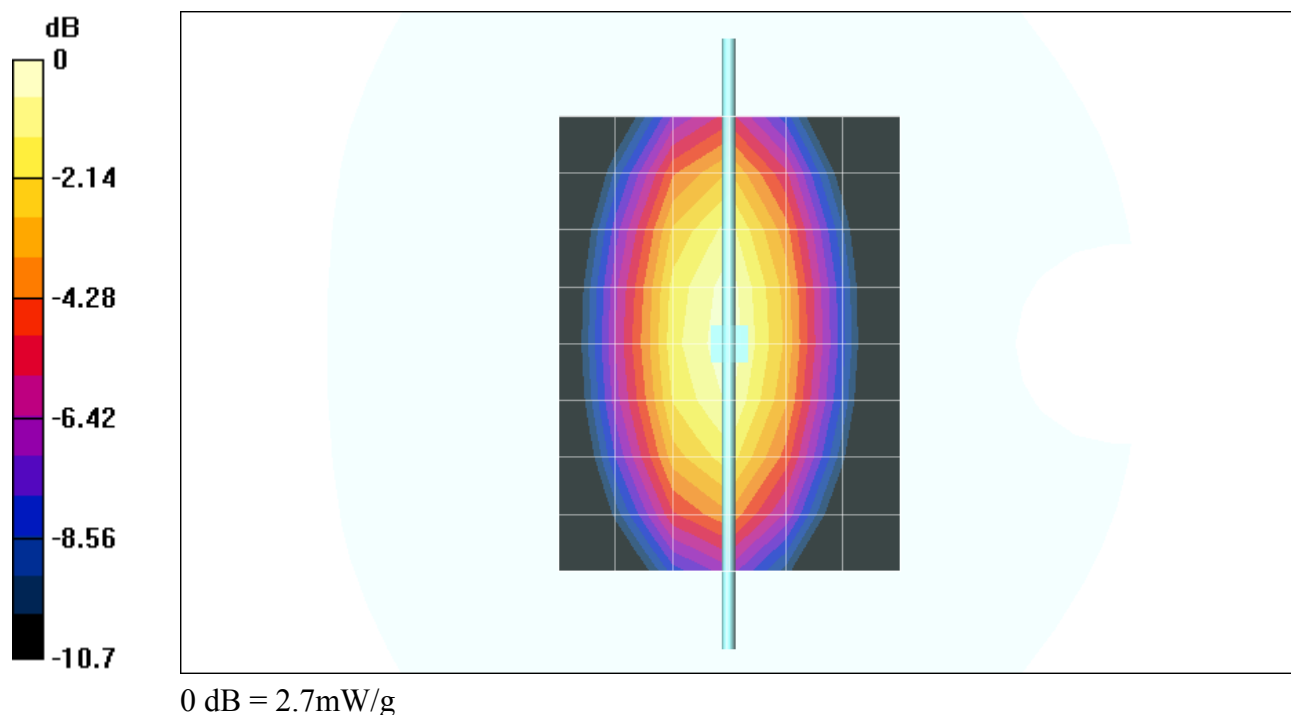
Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.61 mW/g

Reference Value = 54.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 2.7 mW/g



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DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d002

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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

Reference Value = 54.5 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 2.25 mW/g

