

Test Laboratory: Compliance Certification Services

EUT Setup Configuration 2_Laptop PC # 1

DUT: Broadcom; Type: BCM94301MPL; Serial N/A

Program Name: EUT Setup Configuration 2

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

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1.11

Medium: Muscle 2450 MHz ($\sigma = 1.945$ mho/m, $\epsilon_r = 52.58$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

High Channel/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.77 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.988 mW/g

High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

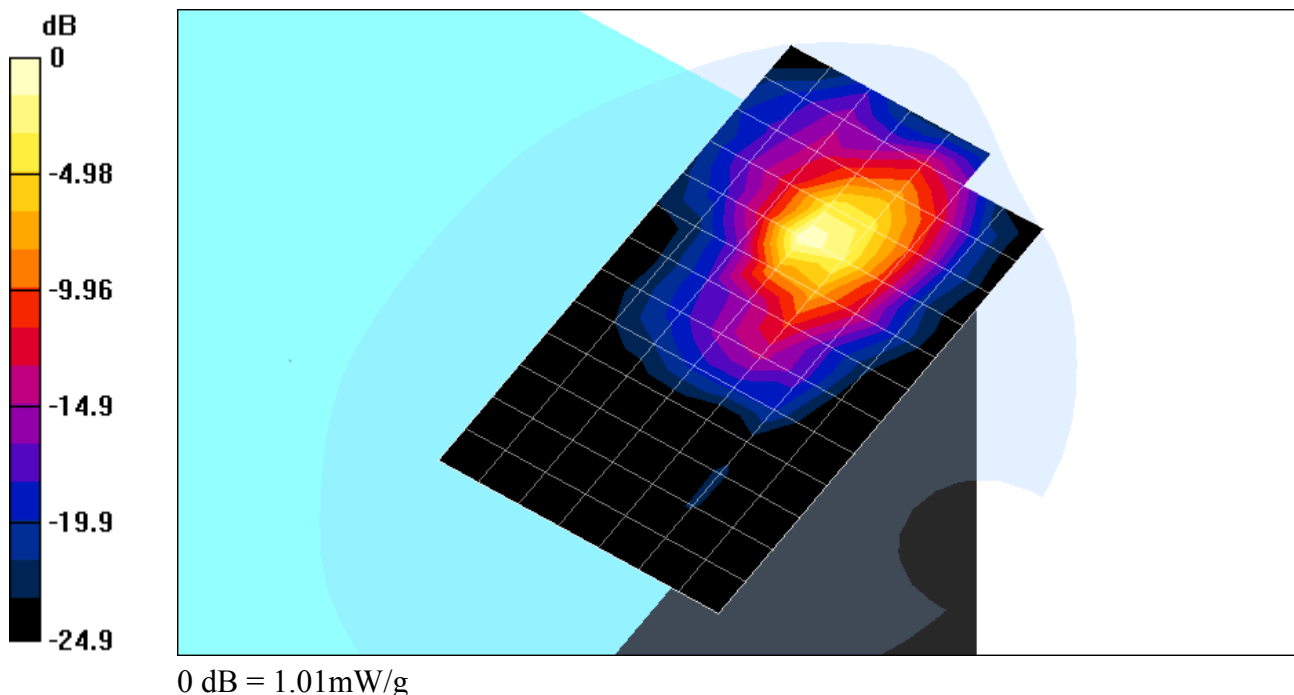
Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.364 mW/g

Reference Value = 1.77 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.01 mW/g



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DASY4 Configuration:

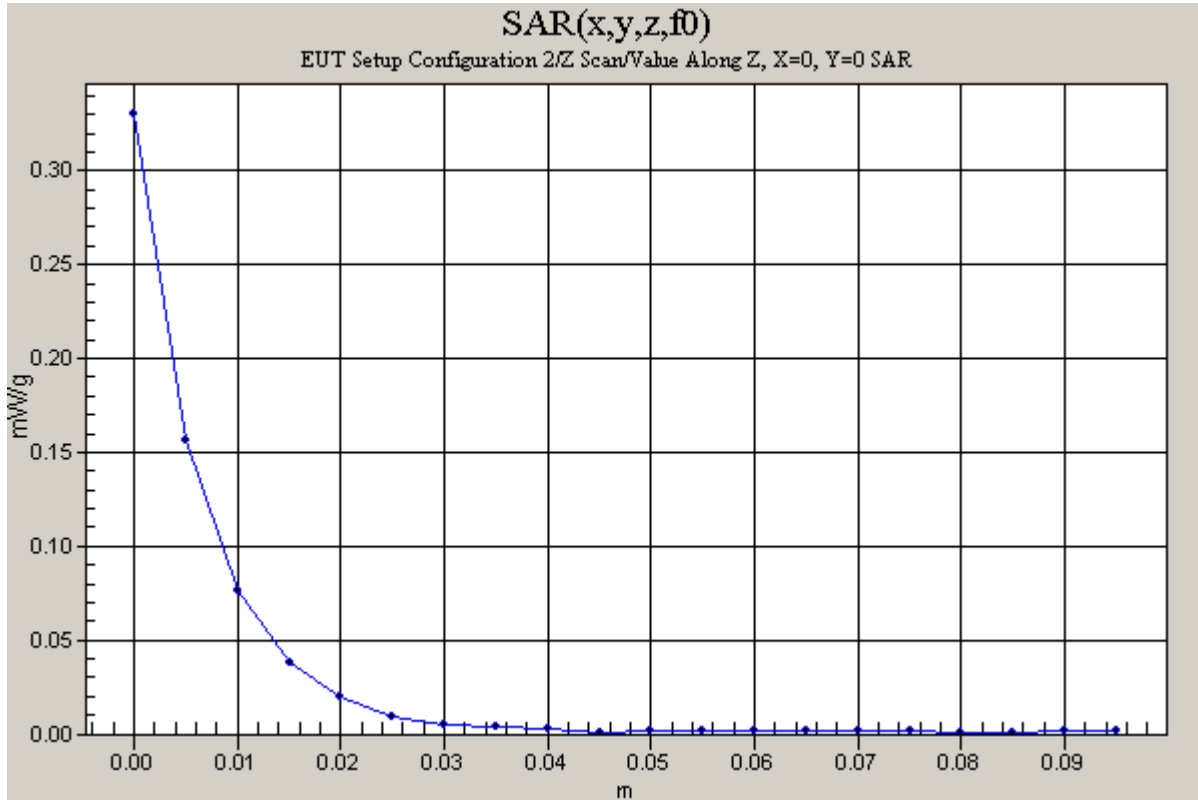
- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

High Channel/Z Scan (1x1x20): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 1.77 V/m

Power Drift = -0.16 dB

Maximum value of SAR = 0.330 mW/g



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Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1.11

Medium: Muscle 2450 MHz ($\sigma = 1.945$ mho/m, $\epsilon_r = 52.58$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

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- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

High Channel/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.3 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.658 mW/g

High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

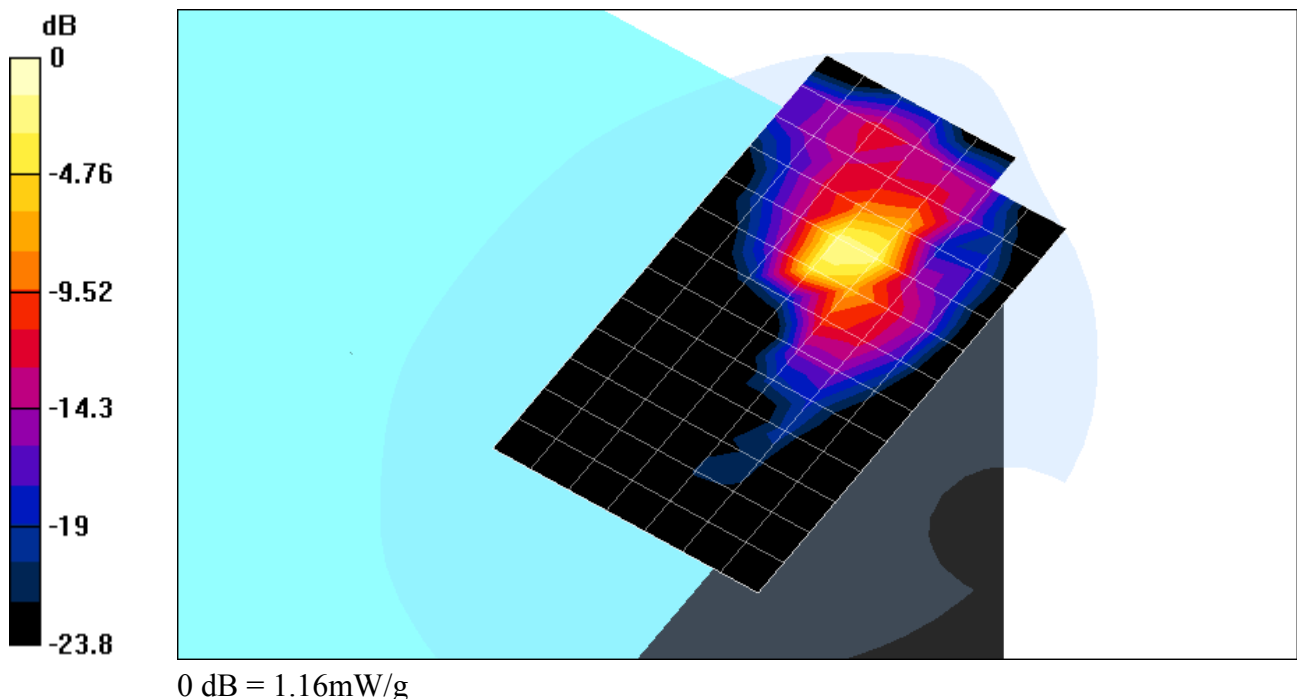
Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.409 mW/g

Reference Value = 2.3 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 1.16 mW/g



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- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

High Channel/Z Scan (1x1x20): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 2.3 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.350 mW/g

