

Test Laboratory: Compliance Certification Services

File Name: [1_EUT Setup Configuration 1.da4](#)

DUT: Broadcom; Type: BCM94306MPLAN; Serial: N/A

Program Name: 1_EUT Setup Configuration 1 (802.11g - Right antenna)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1.0638

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ 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 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.52 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.024 mW/g

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

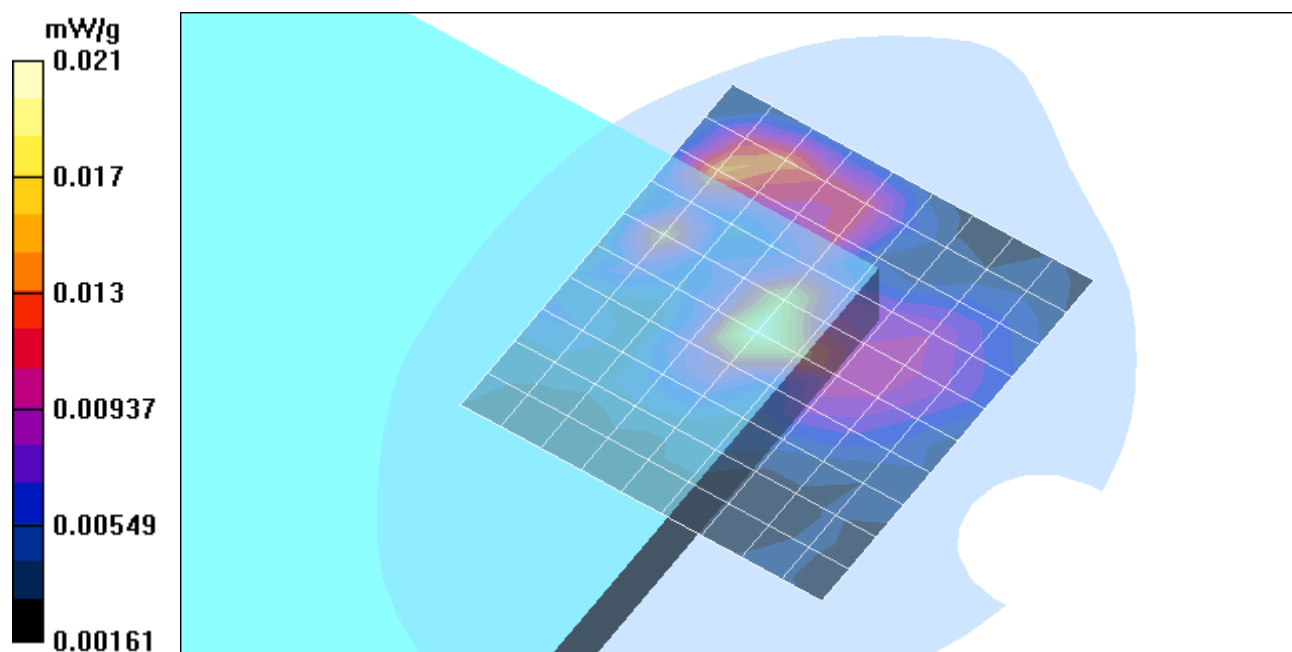
Reference Value = 1.52 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.019 mW/g

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00939 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



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File Name: [1_EUT Setup Configuration 1.da4](#)

DUT: Broadcom; Type: BCM94306MPLAN; Serial: N/A

Program Name: 1_EUT Setup Configuration 1 (802.11g - Right antenna)

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1.0638

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

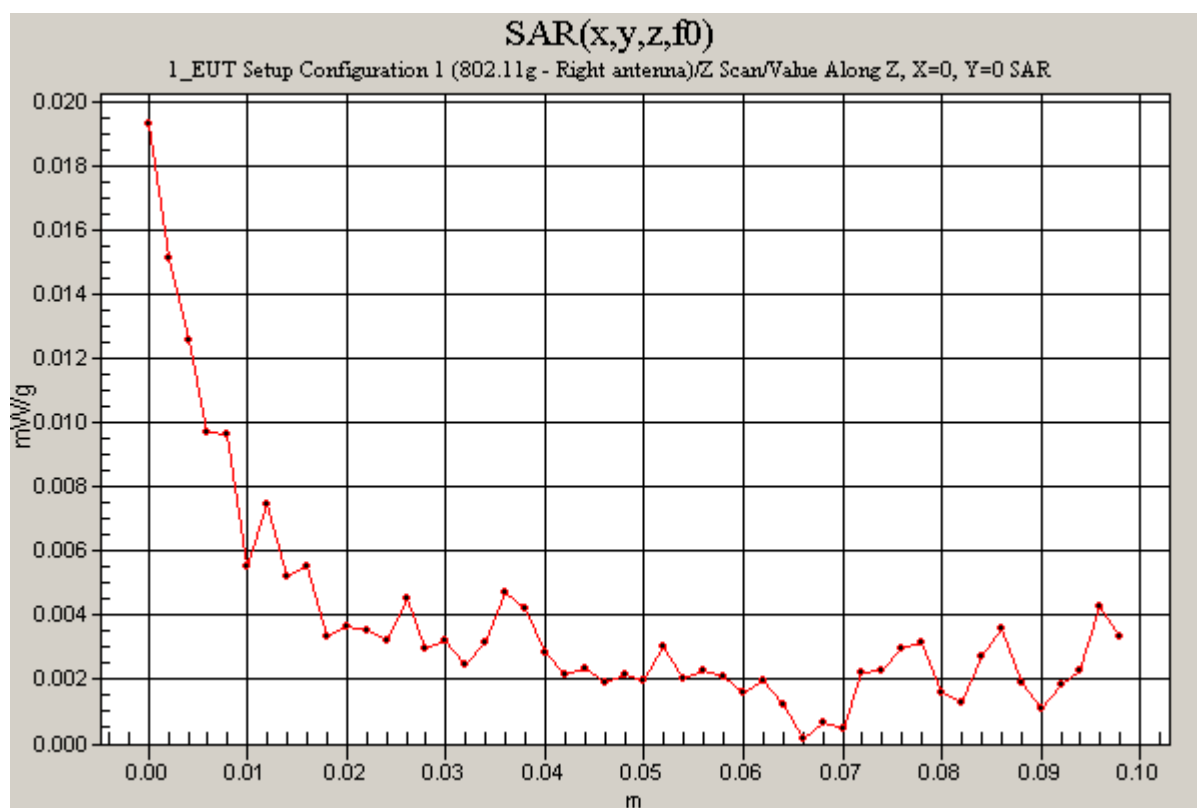
Phantom section: Flat Section

M-ch/Z Scan (1x1x51): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=2$ mm

Reference Value = 1.52 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.019 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [2_EUT Setup Configuration 2.da4](#)

DUT: Broadcom; Type: BCM94306MPLAN; Serial: N/A

Program Name: 2_EUT Setup Configuration 2 (802.11g - Left antenna)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2412 MHz; Duty Cycle: 1:1.0638

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ 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 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

L-ch/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.81 V/m; Power Drift = 0.14 dB

Maximum value of SAR (measured) = 0.023 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

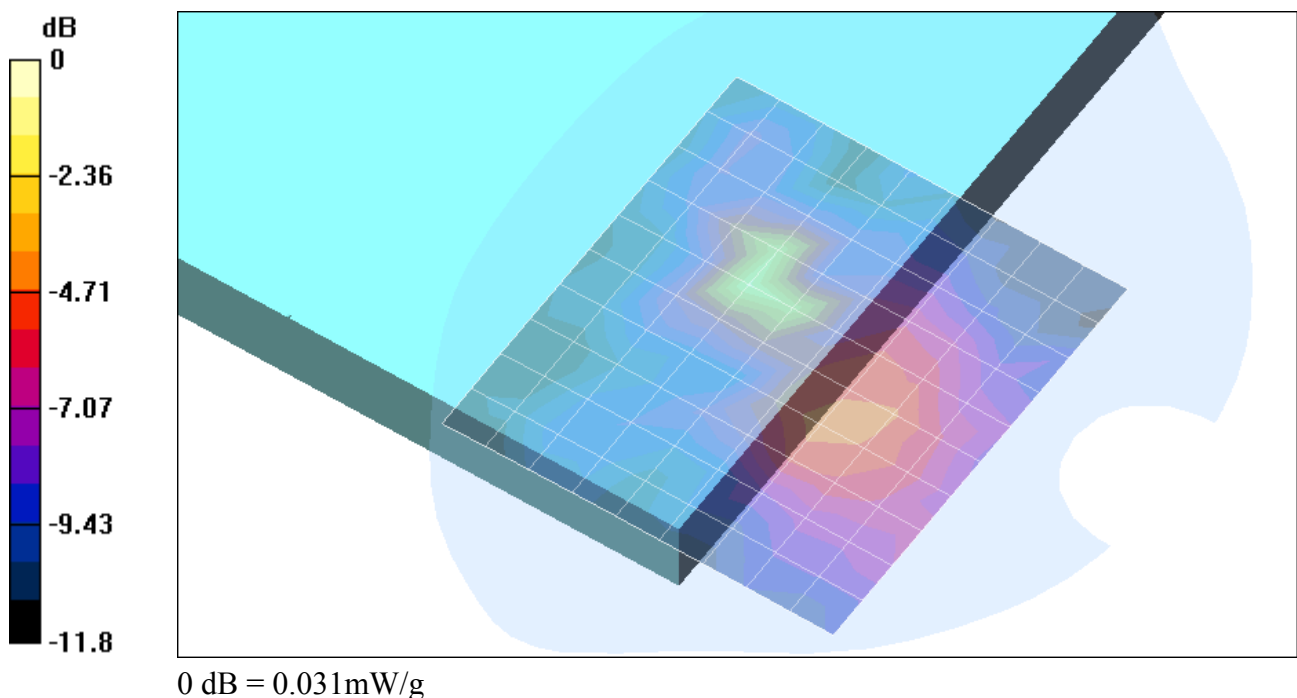
Reference Value = 1.81 V/m; Power Drift = 0.14 dB

Maximum value of SAR (measured) = 0.031 mW/g

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.012 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [2_EUT Setup Configuration 2.da4](#)

DUT: Broadcom; Type: BCM94306MPLAN; Serial: N/A

Program Name: 2_EUT Setup Configuration 2 (802.11g - Left antenna)

Communication System: 802.11bg; Frequency: 2412 MHz; Duty Cycle: 1:1.0638

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

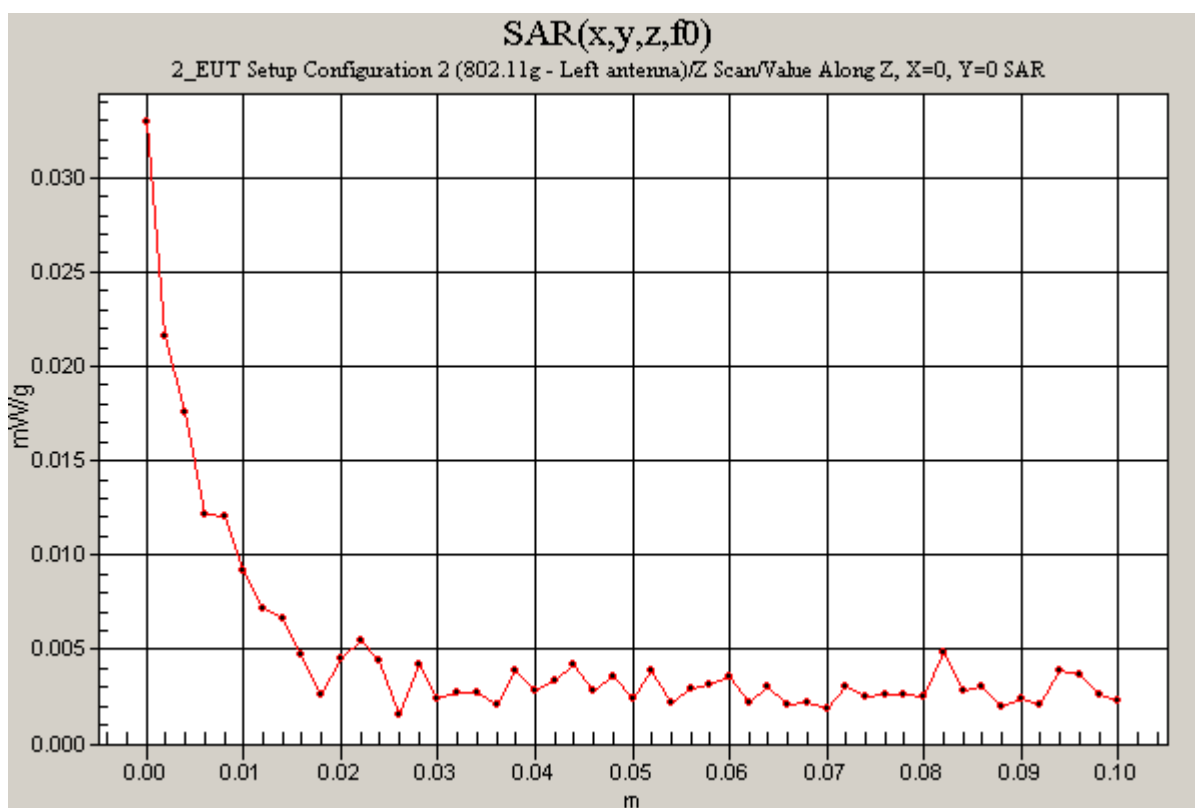
Phantom section: Flat Section

L-ch/Z Scan (1x1x51): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=2$ mm

Reference Value = 1.81 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.033 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [2_EUT Setup Configuration 2.da4](#)

DUT: Broadcom; Type: BCM94306MPLAN; Serial: N/A

Program Name: 2_EUT Setup Configuration 2 (802.11g - Left antenna)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1.0638

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ 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 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.86 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.028 mW/g

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

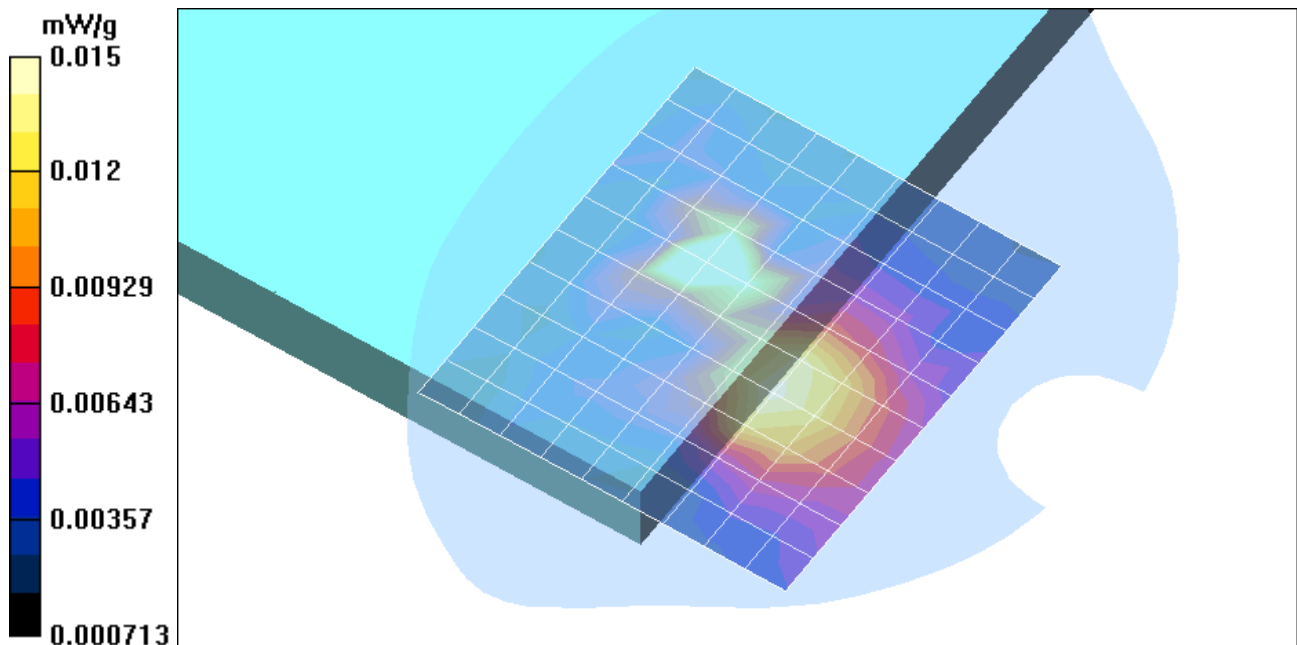
Reference Value = 1.86 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.015 mW/g

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00962 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [2_EUT Setup Configuration 2.da4](#)

DUT: Broadcom; Type: BCM94306MPLAN; Serial: N/A

Program Name: 2_EUT Setup Configuration 2 (802.11g - Left antenna)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2462 MHz; Duty Cycle: 1:1.0638

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ 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 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

H-ch/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.73 V/m; Power Drift = 0.19 dB

Maximum value of SAR (measured) = 0.026 mW/g

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

H-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.73 V/m; Power Drift = 0.19 dB

Maximum value of SAR (measured) = 0.014 mW/g

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0085 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

