

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 (802.11b - 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

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 = 2.28 V/m; Power Drift = 0.15 dB

Maximum value of SAR (measured) = 0.056 mW/g

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.022 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

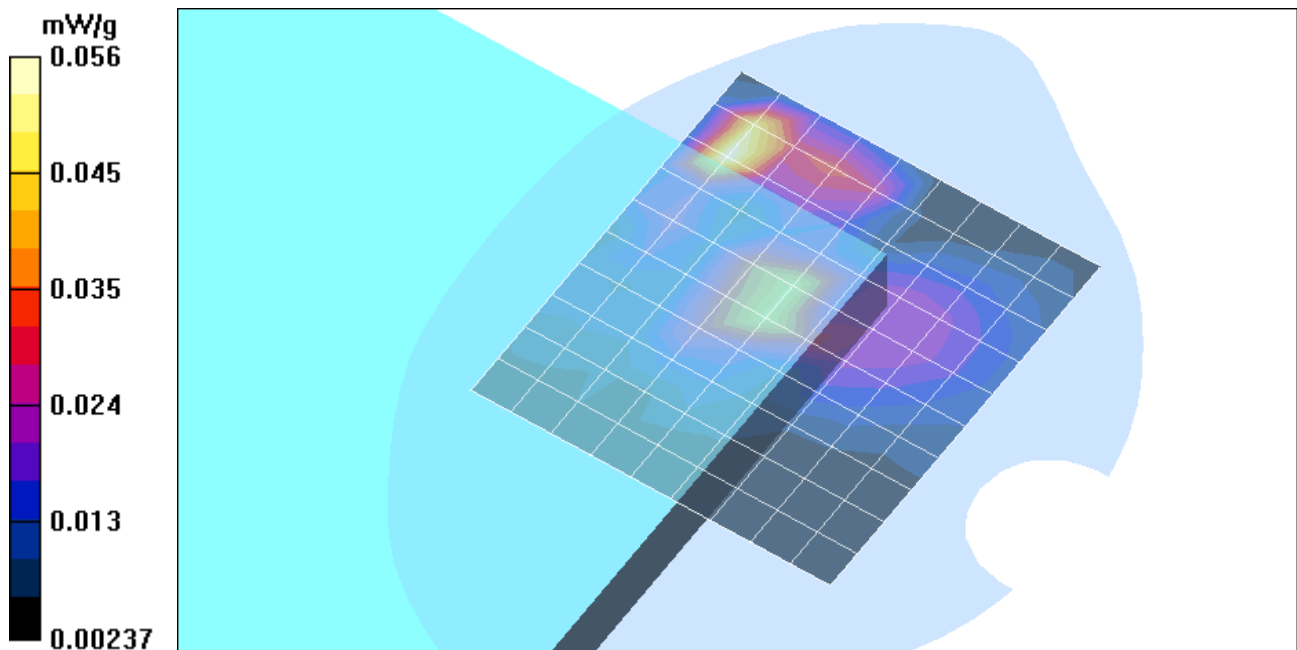
Reference Value = 2.28 V/m; Power Drift = 0.15 dB

Maximum value of SAR (measured) = 0.049 mW/g

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.020 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 (802.11b - Right antenna)

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

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

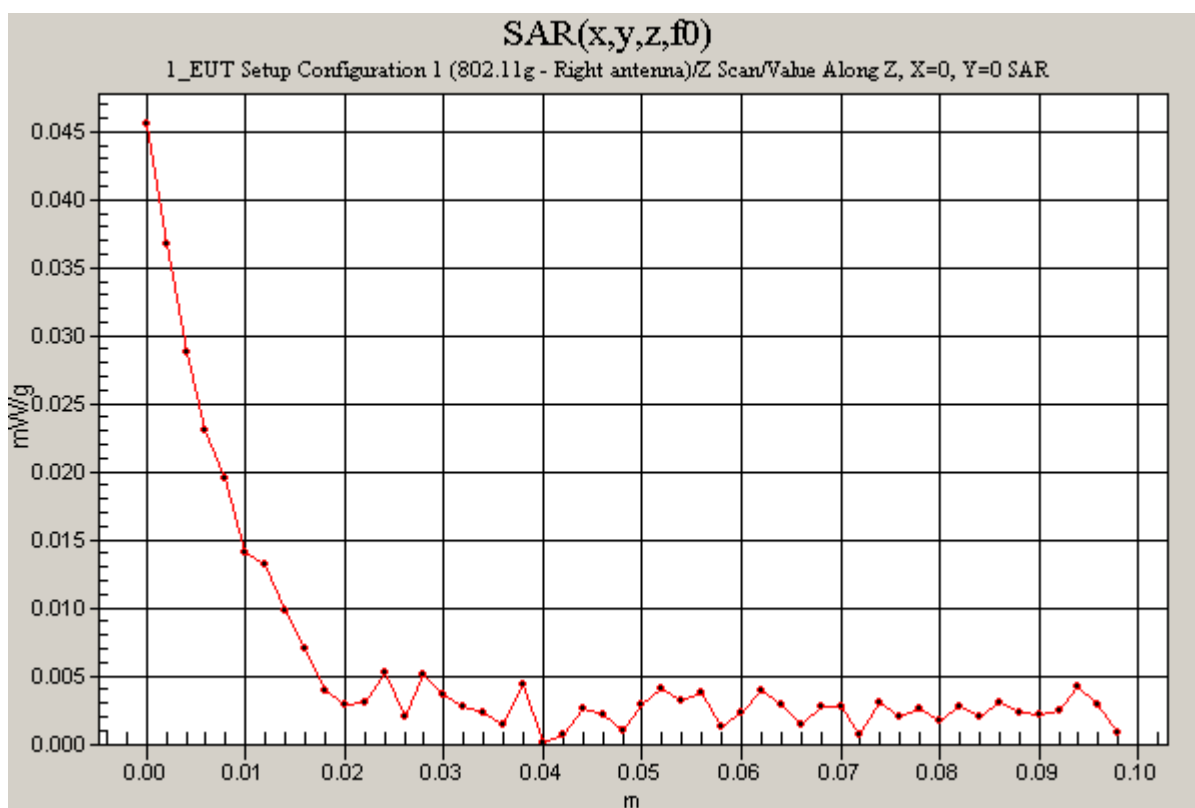
Phantom section: Flat Section

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

Reference Value = 2.28 V/m; Power Drift = 0.13 dB

Maximum value of SAR (measured) = 0.046 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 (802.11b - 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

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ 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

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

Reference Value = 3.05 V/m; Power Drift = 0.16 dB

Maximum value of SAR (measured) = 0.049 mW/g

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.021 mW/g

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

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

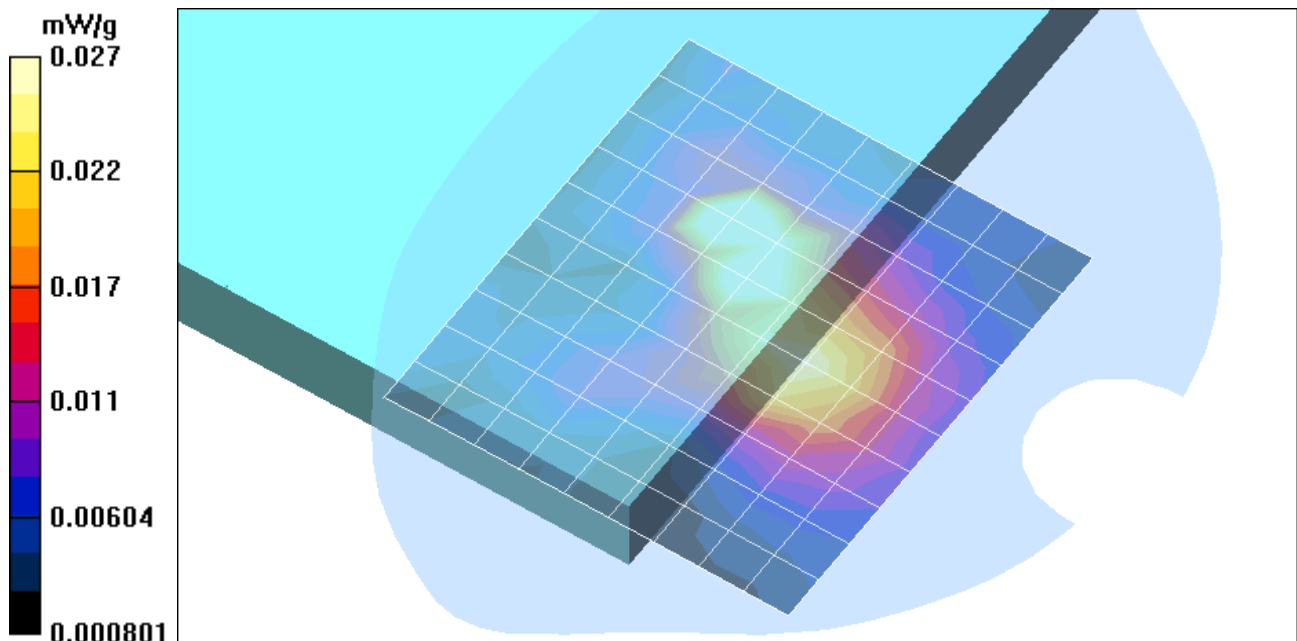
Reference Value = 3.05 V/m; Power Drift = 0.16 dB

Maximum value of SAR (measured) = 0.027 mW/g

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.016 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 (802.11b - 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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ 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 = 2.99 V/m; Power Drift = 0.13 dB

Maximum value of SAR (measured) = 0.056 mW/g

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.025 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

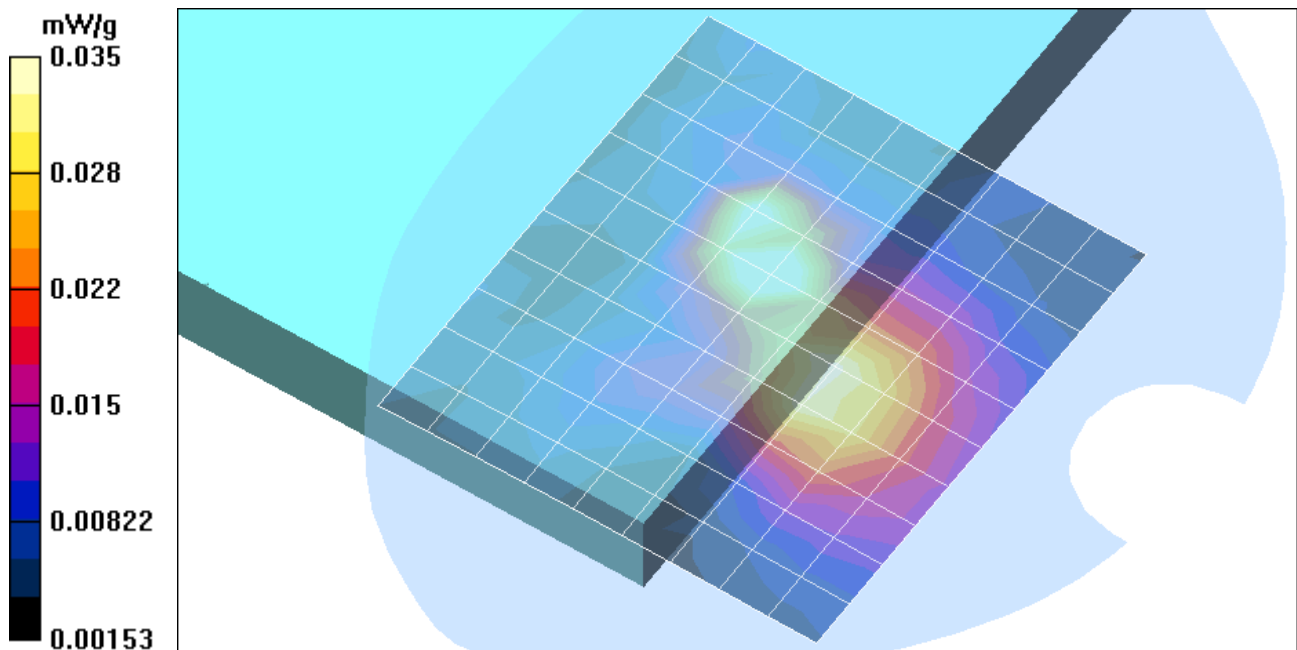
Reference Value = 2.99 V/m; Power Drift = 0.13 dB

Maximum value of SAR (measured) = 0.035 mW/g

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.021 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 (802.11b - Left antenna)

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

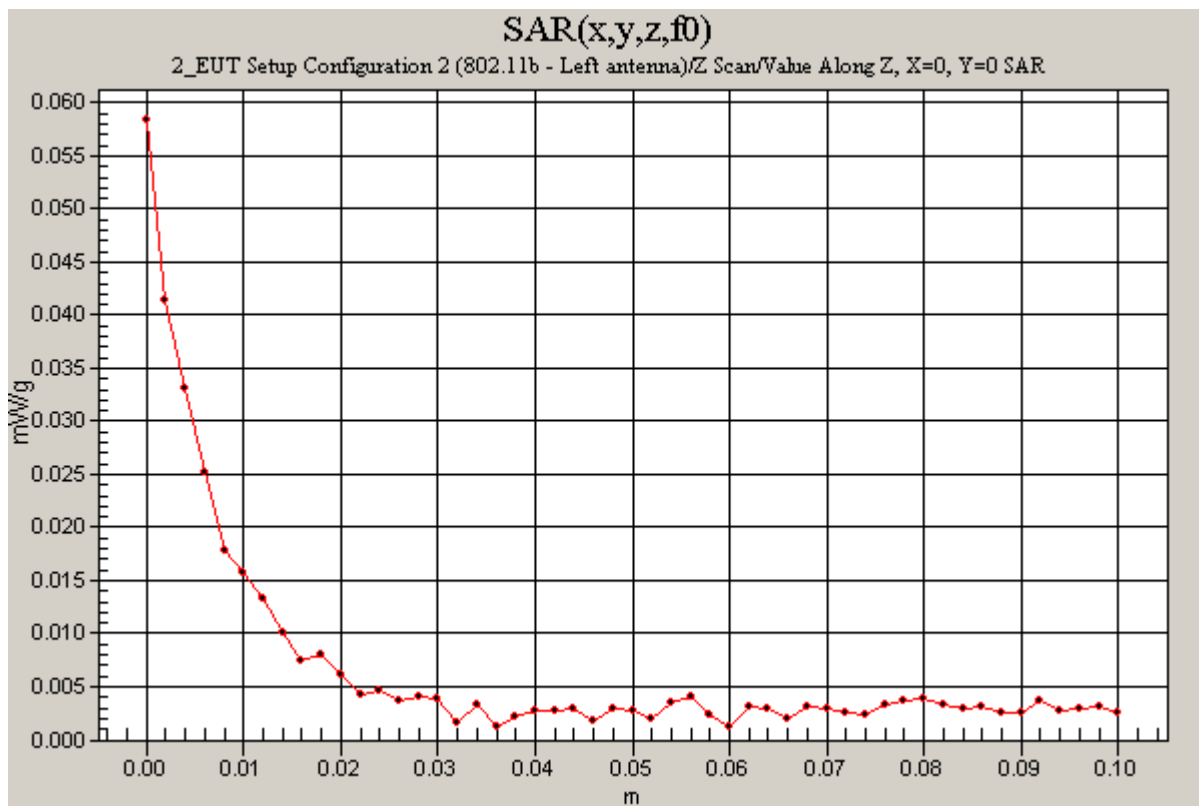
Phantom section: Flat Section

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

Reference Value = 2.99 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.058 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 (802.11b - 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

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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 = 2.66 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.050 mW/g

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.023 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 = 2.66 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.039 mW/g

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.023 mW/g

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

