Date/Time: 12/13/04 13:48:36

Test Laboratory: Compliance Certification Services

Host # 1 (Tochiba)

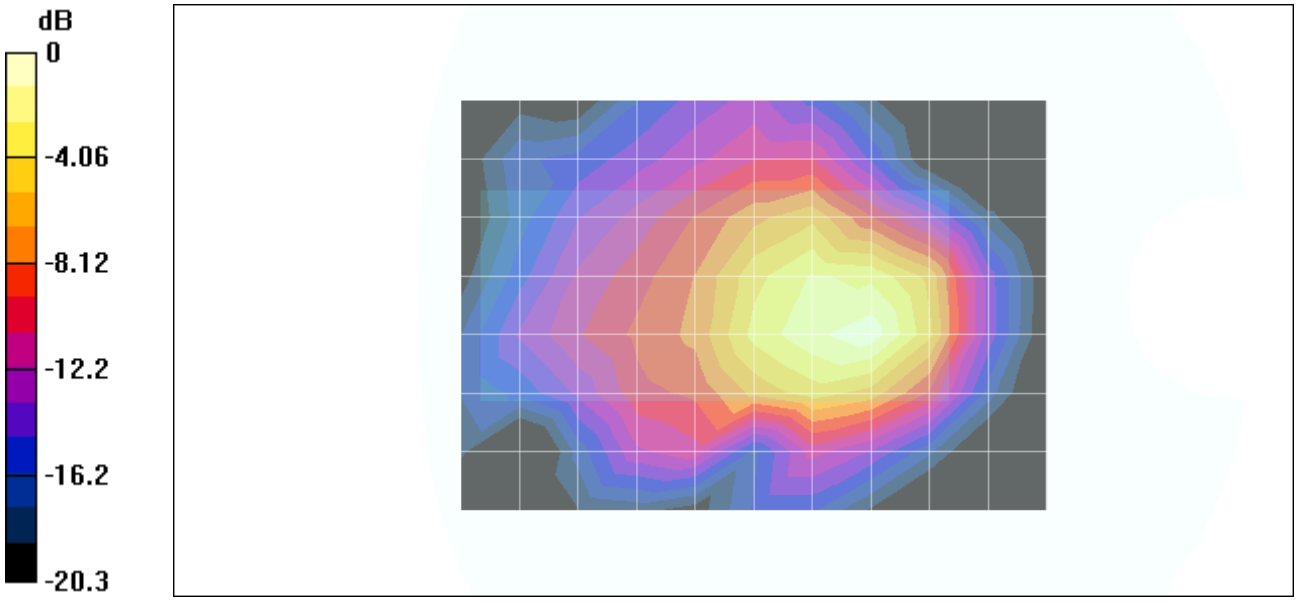
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.89 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna B_L-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.648 mW/g

11b_Antenna B_L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.945 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.279 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.719 mW/g



0 dB = 0.719mW/g

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Test Laboratory: Compliance Certification Services

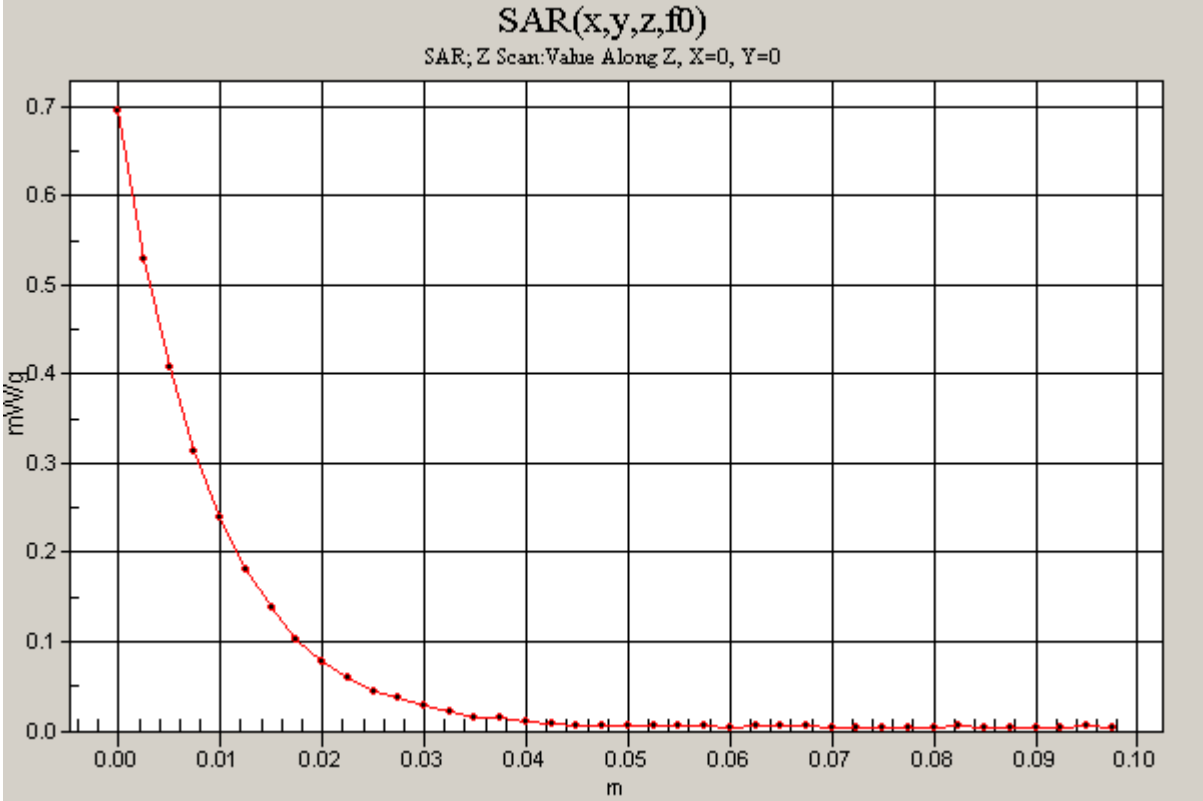
Host # 1 (Tochiba)

DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

11b_Antenna B_L-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.695 mW/g



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Test Laboratory: Compliance Certification Services

Host # 1 (Tochiba)

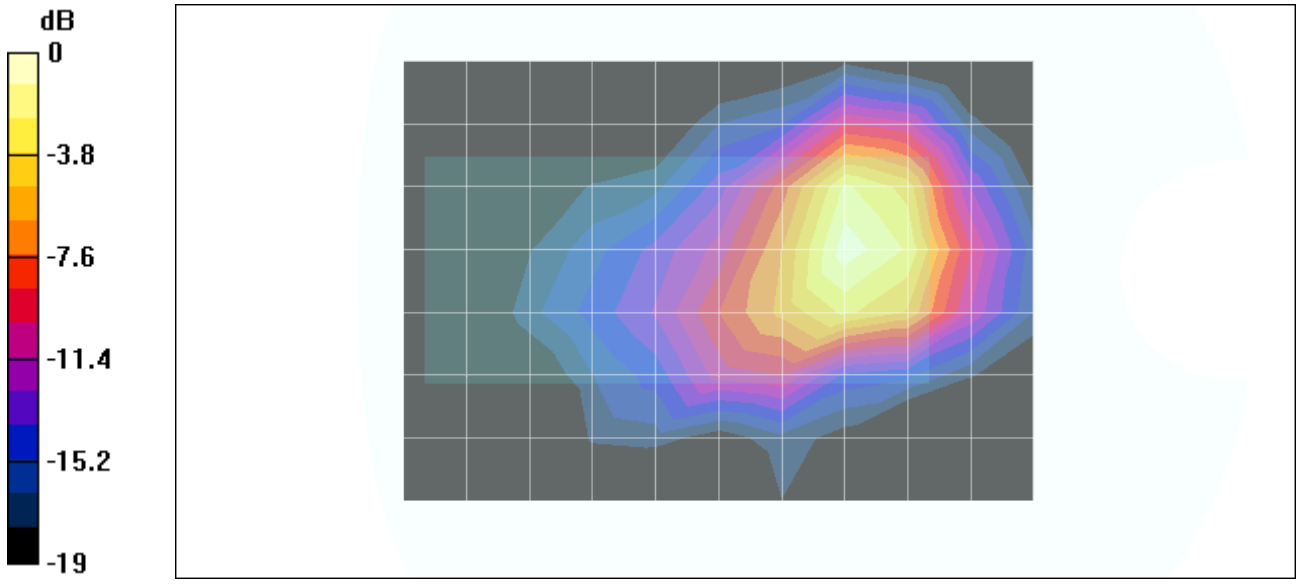
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna A_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.369 mW/g

11b_Antenna A_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.47 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.555 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.154 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.412 mW/g



0 dB = 0.412mW/g

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Test Laboratory: Compliance Certification Services

Host # 1 (Tochiba)

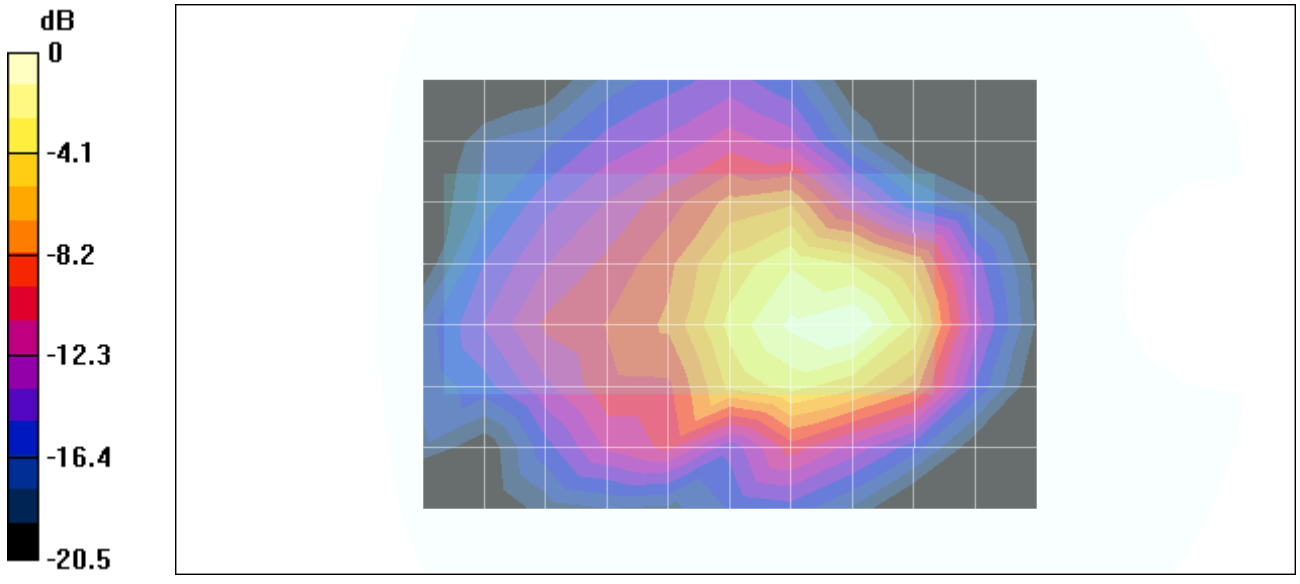
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna B_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.677 mW/g

11b_Antenna B_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.897 W/kg
SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.270 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.663 mW/g



0 dB = 0.663mW/g

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Test Laboratory: Compliance Certification Services

Host # 1 (Tochiba)

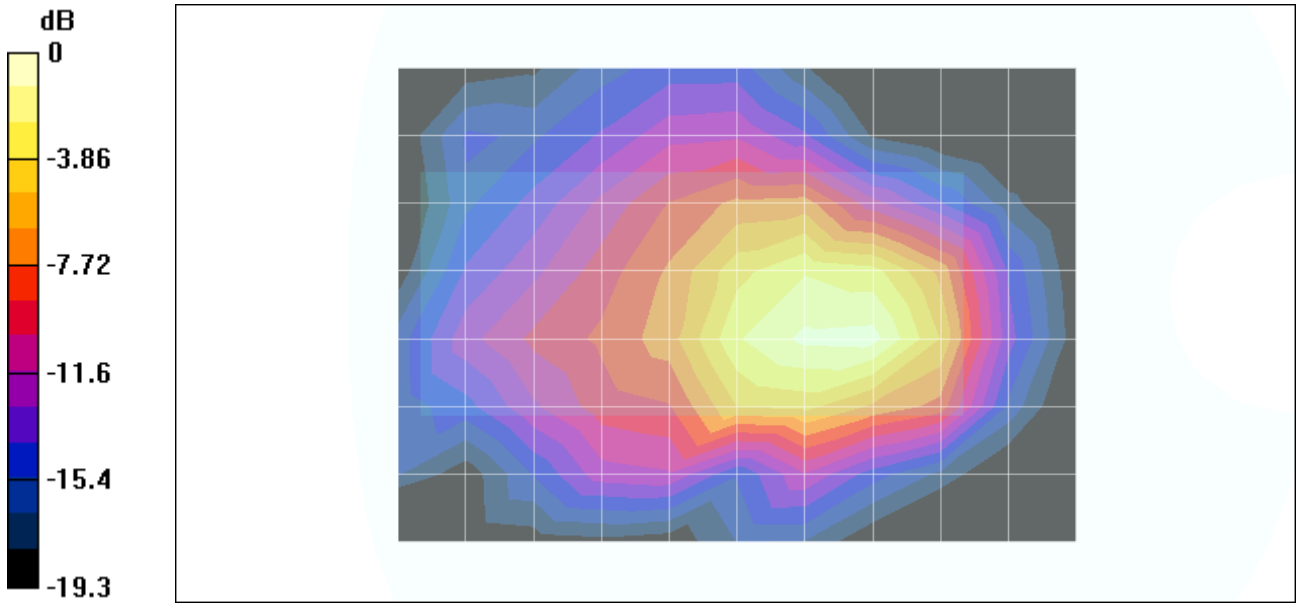
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.95 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna B_H-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.412 mW/g

11b_Antenna B_H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.646 W/kg
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.191 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.492mW/g

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Test Laboratory: Compliance Certification Services

Host # 1 (Tochiba)

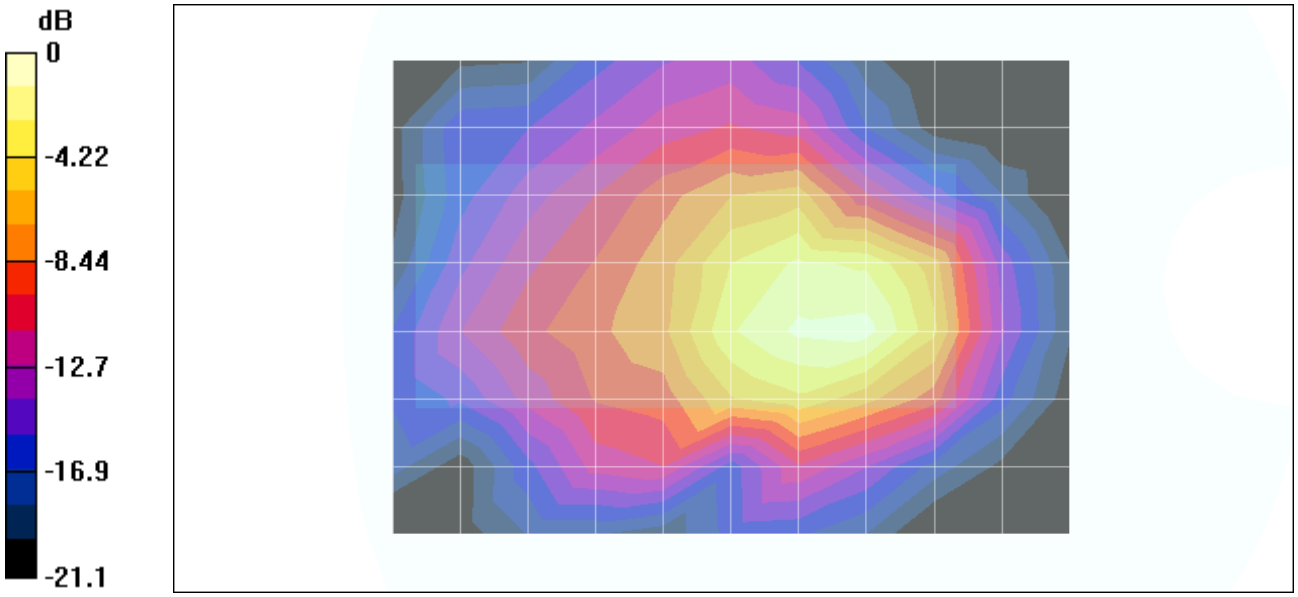
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11g_Antenna B_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.403 mW/g

11g_Antenna B_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.190 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.482mW/g

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Test Laboratory: Compliance Certification Services

Host # 1 (Tochiba)

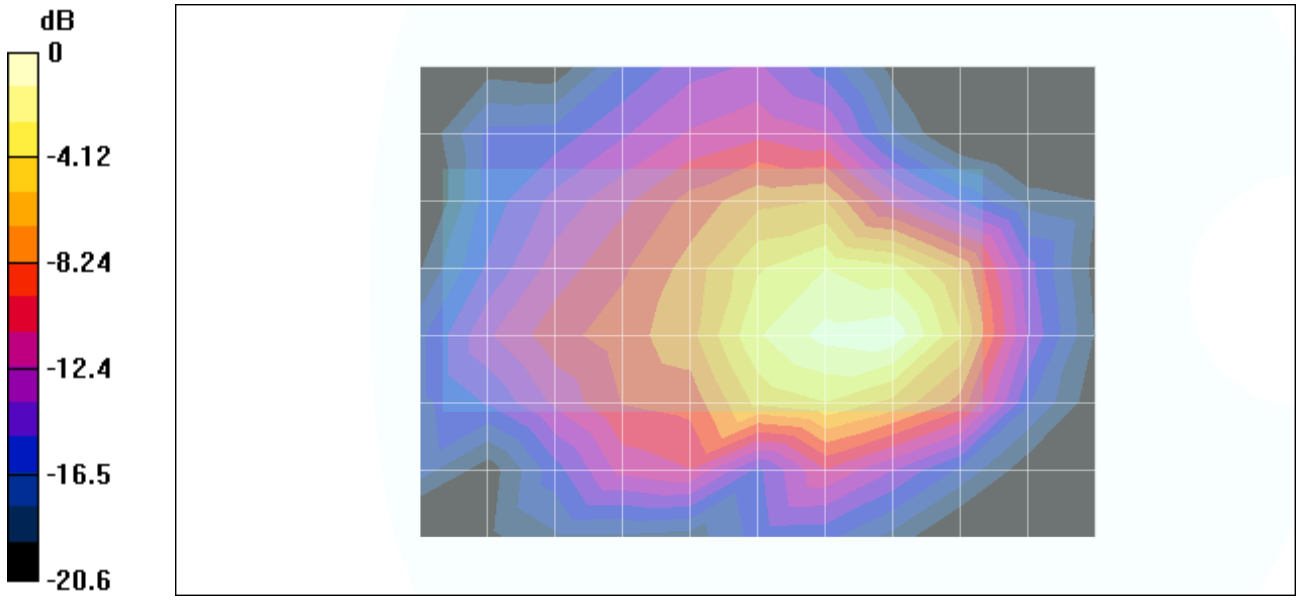
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11g Toubo_ Antenna B_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.419 mW/g

11g Toubo_ Antenna B_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.183 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.464 mW/g



0 dB = 0.464mW/g

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Test Laboratory: Compliance Certification Services

Host # 2 (IBM)

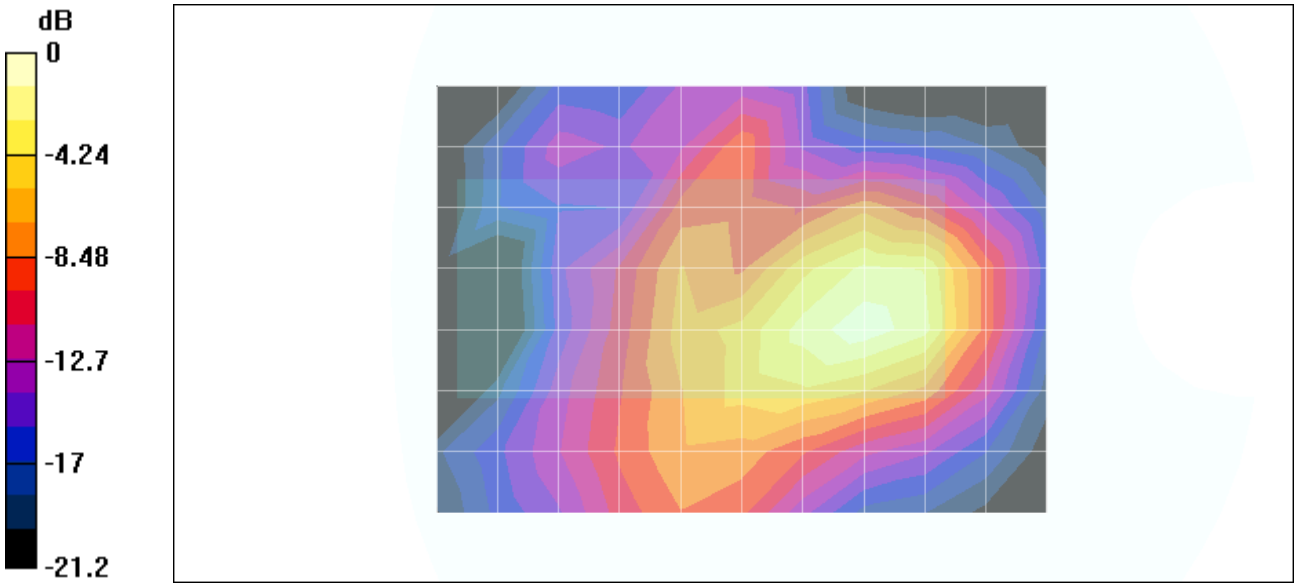
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna B_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.414 mW/g

11b_Antenna B_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.609 W/kg
SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.188 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.461 mW/g



0 dB = 0.461mW/g

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Test Laboratory: Compliance Certification Services

Host # 2 (IBM)

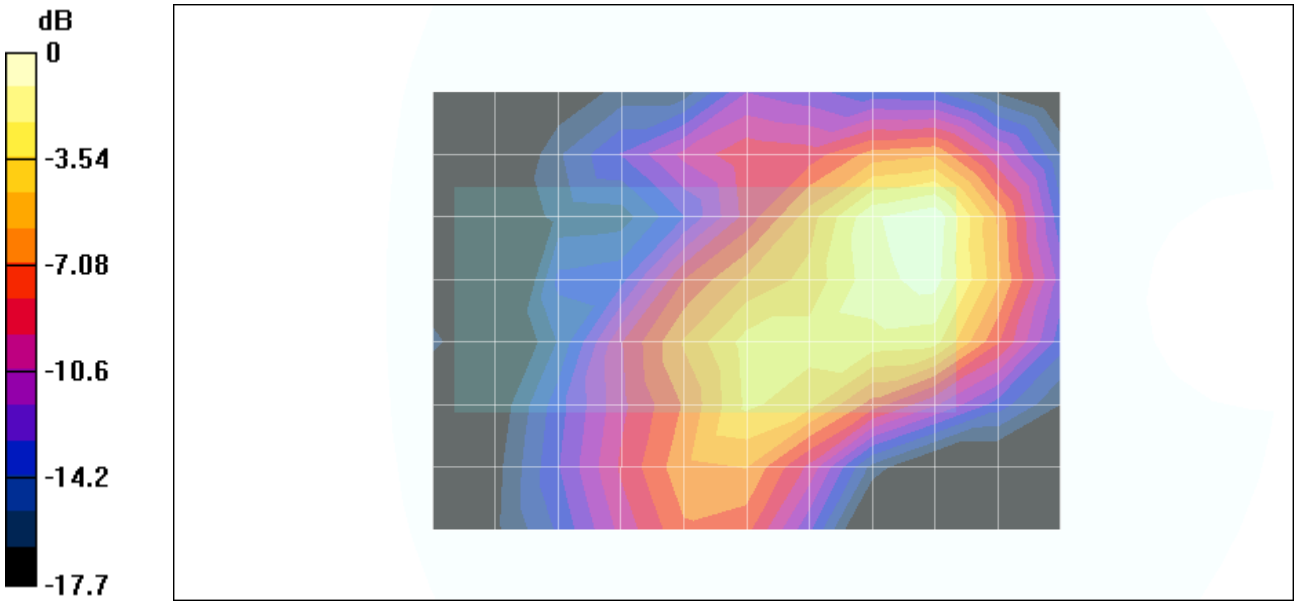
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna A_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.178 mW/g

11b_Antenna A_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.77 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.079 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.188mW/g

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Test Laboratory: Compliance Certification Services

Host # 2 (IBM)

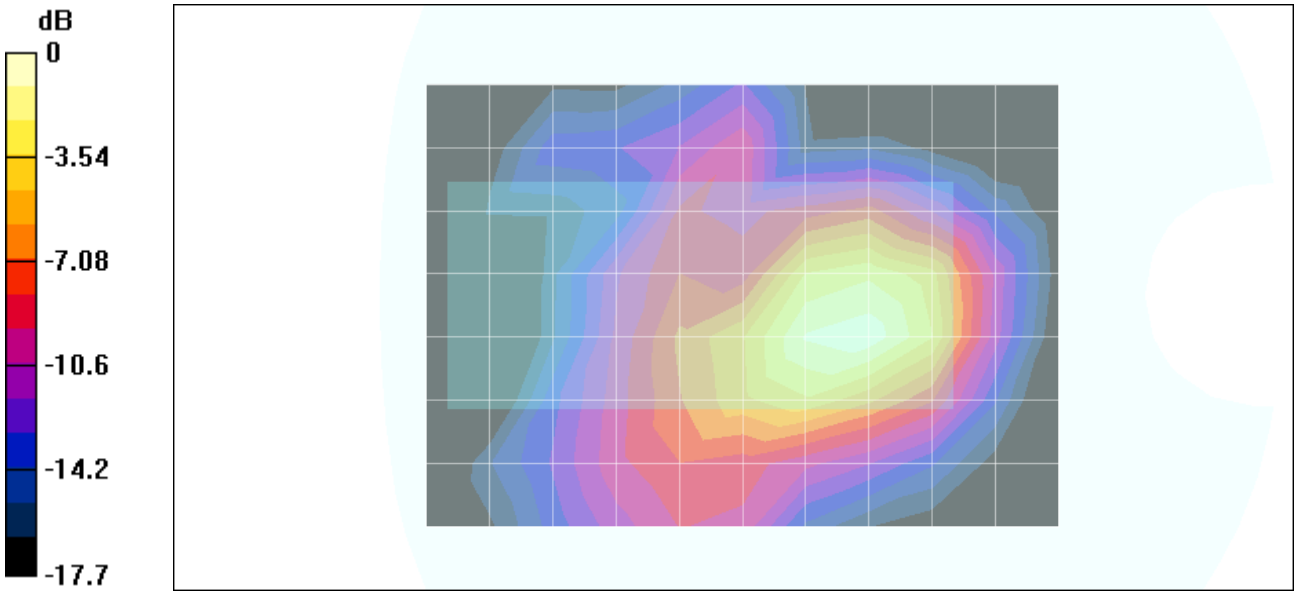
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11g_Antenna B_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.250 mW/g

11g_Antenna B_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.112 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.268 mW/g



0 dB = 0.268mW/g

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Test Laboratory: Compliance Certification Services

Host # 3 (Dell)

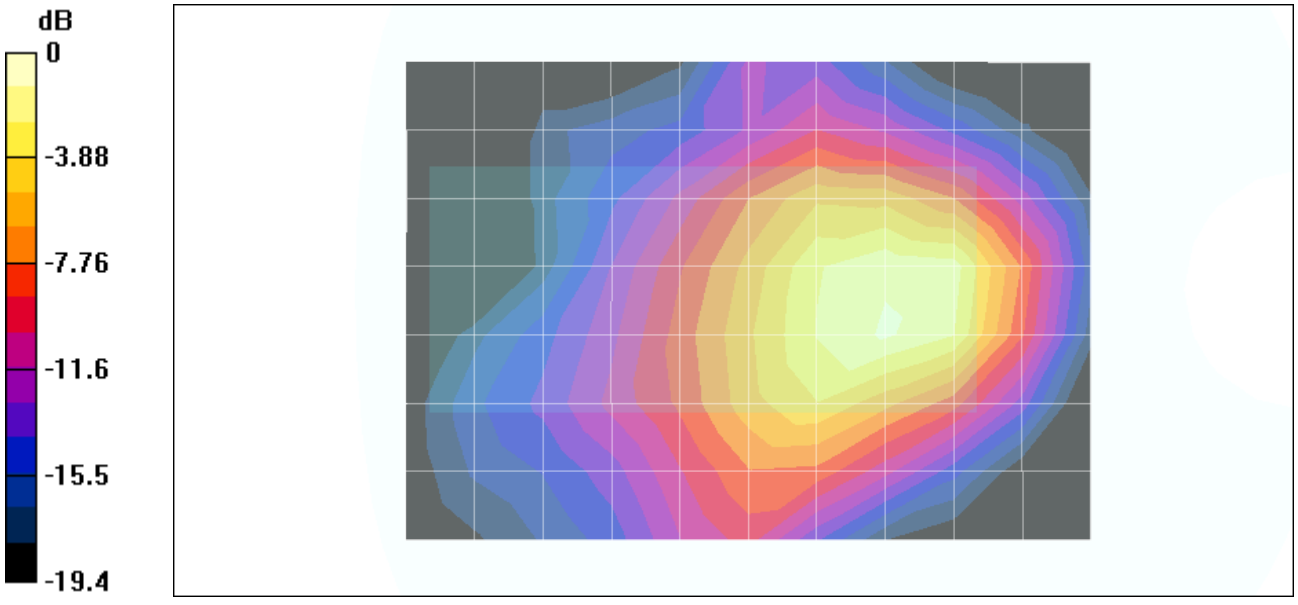
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna B_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.333 mW/g

11b_Antenna B_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.565 W/kg
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.177 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.426mW/g

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Test Laboratory: Compliance Certification Services

Host # 3 (Dell)

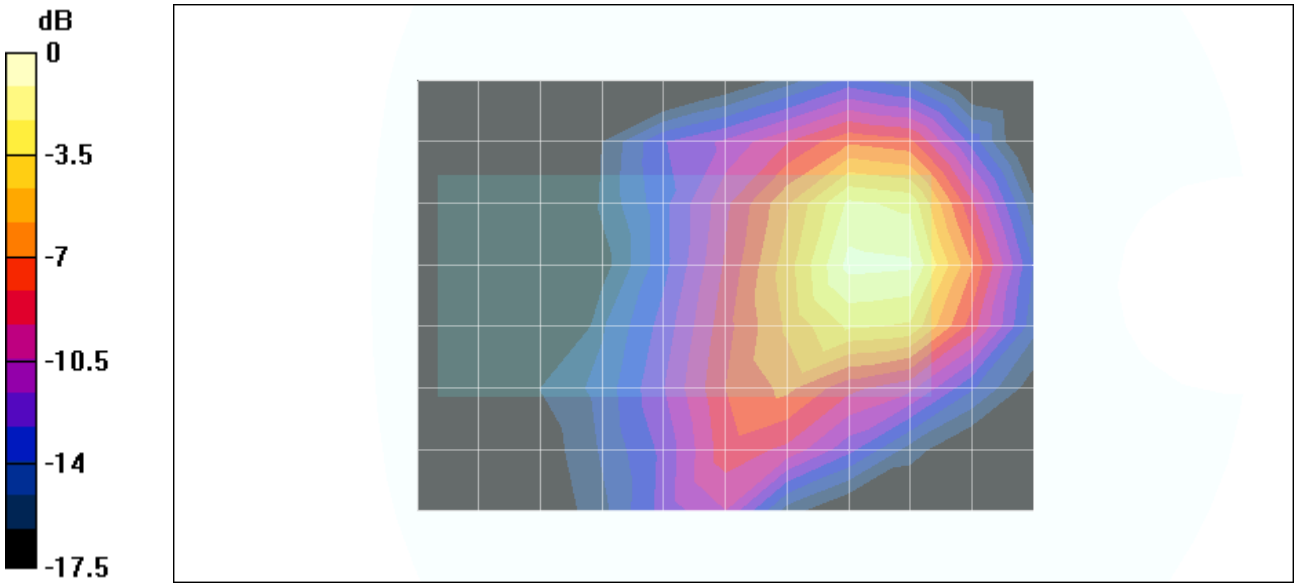
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11b_Antenna A_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.188 mW/g

11b_Antenna A_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.86 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.093 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.223mW/g

Date/Time: 12/13/04 16:11:59

Test Laboratory: Compliance Certification Services

Host # 3 (Dell)

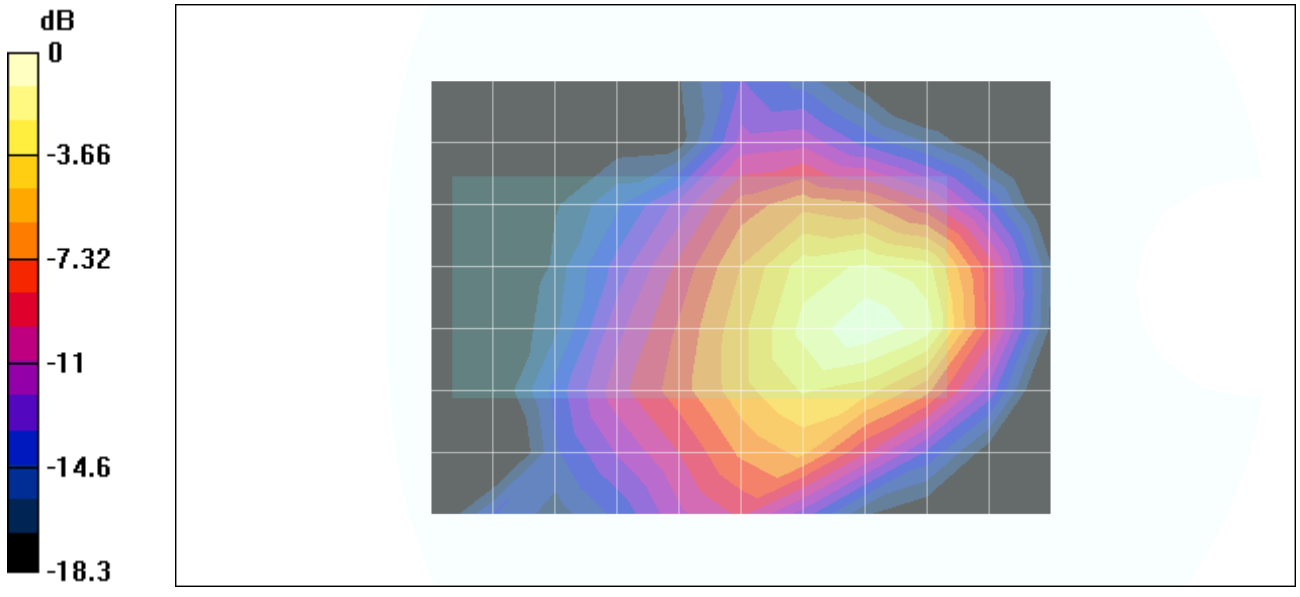
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.91 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

11g_Antenna B_M-ch/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.390 mW/g

11g_Antenna B_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.554 W/kg
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.171 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.405mW/g