Date/Time: 12/20/04 12:57:34

Test Laboratory: Compliance Certification Services

Host # 1(Toshiba)

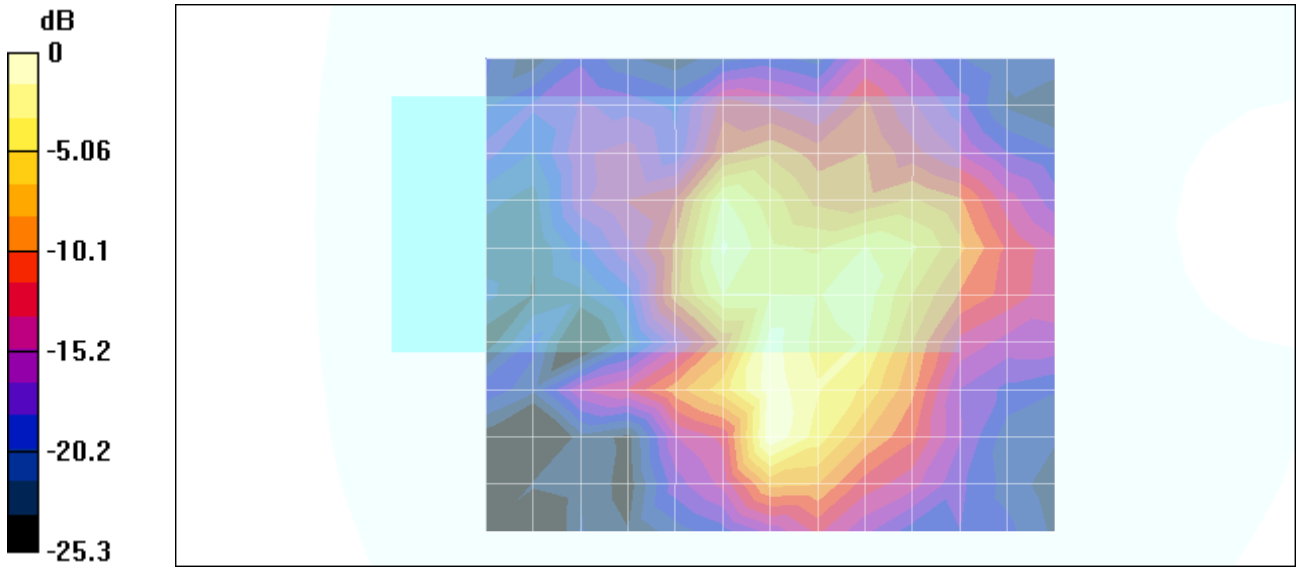
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 6.21 mho/m; ε_r = 48.3; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Antenna B, L-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1 mW/g
Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.01 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.155 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.06 mW/g

Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.01 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.174 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

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Test Laboratory: Compliance Certification Services

Host # 1(Toshiba)

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

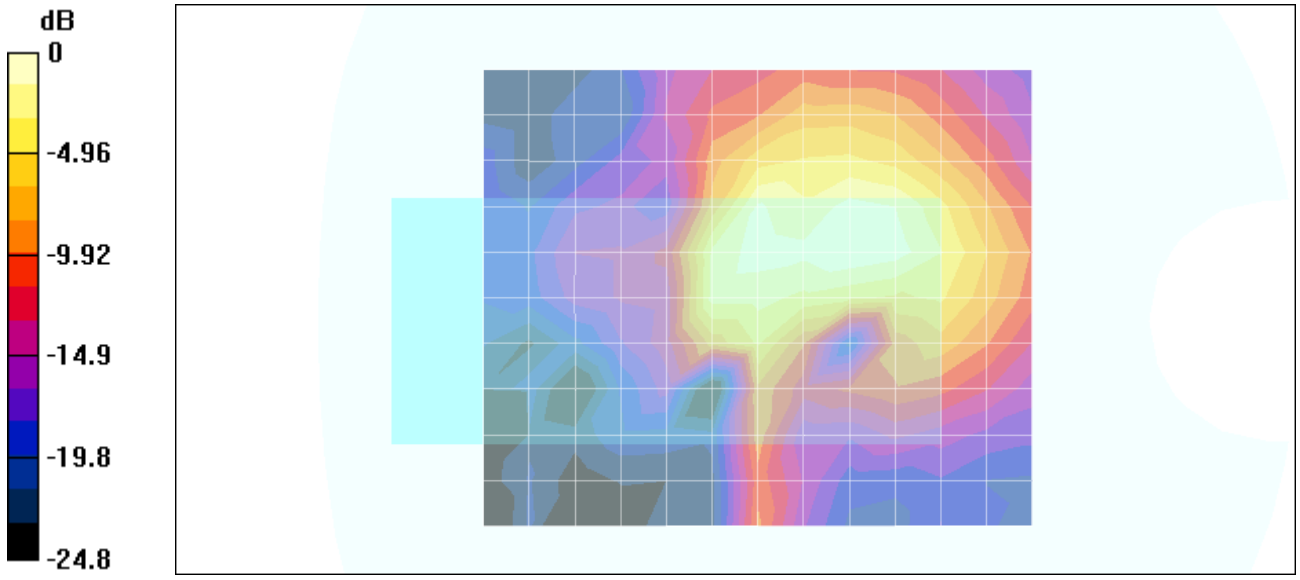
Phantom section: Flat Section
Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 6.21 mho/m; ε_r = 48.3; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)

- **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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Antenna A, H-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.847 mW/g

Antenna A, H-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.78 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.187 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.878 mW/g

Antenna A, H-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.78 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.164 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.853 mW/g



0 dB = 0.853mW/g

Date/Time: 12/20/04 12:57:34

Test Laboratory: Compliance Certification Services

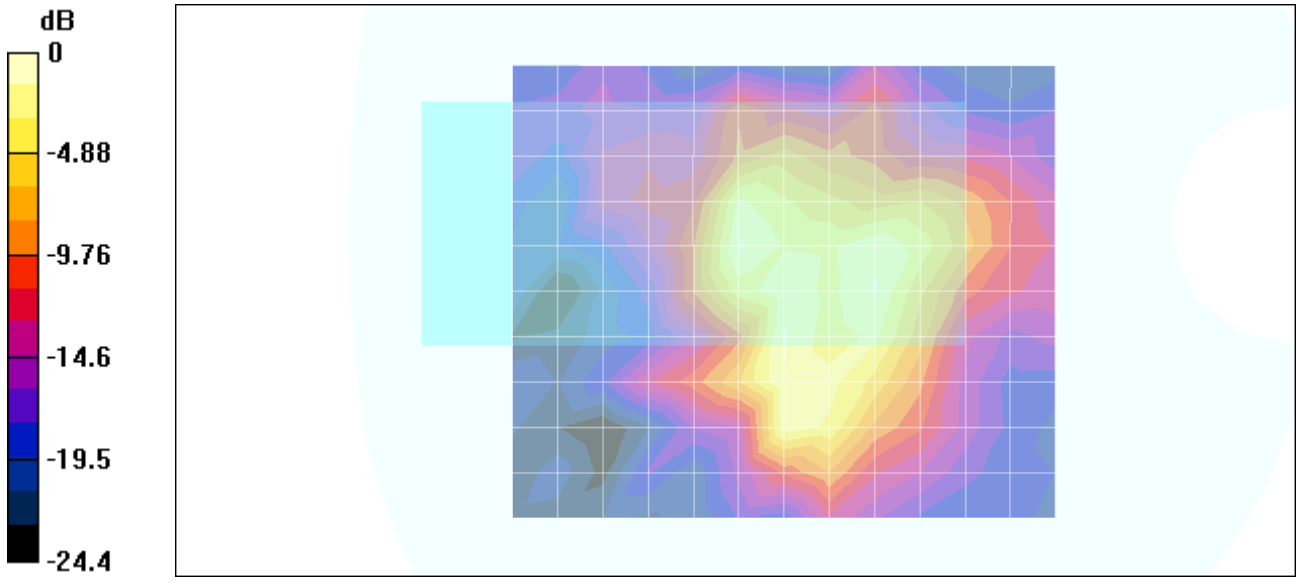
Host # 1(Toshiba)

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

Phantom section: Flat Section
Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.26 mho/m; ε_r = 48.2; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Antenna B, M-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.482 mW/g
Antenna B, M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.61 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.092 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.627 mW/g
Antenna B, M-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.61 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 14 W/kg
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.096 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.649 mW/g



0 dB = 0.649mW/g

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Test Laboratory: Compliance Certification Services

Host # 1(Toshiba)

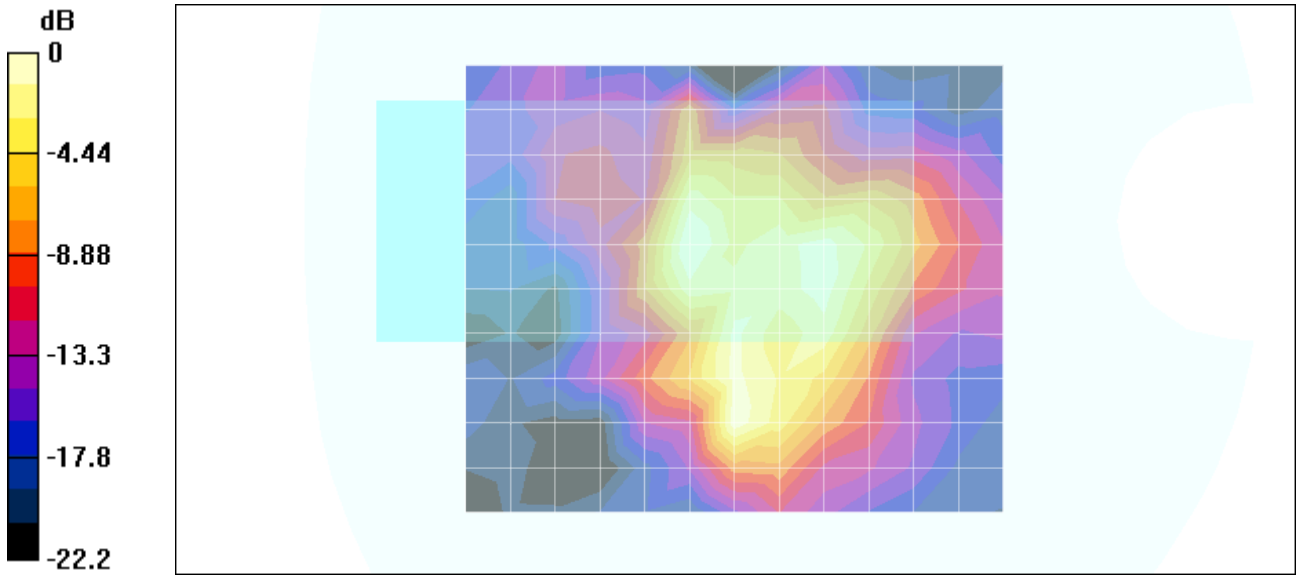
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 6.32 mho/m; ε_r = 48.1; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Antenna B, H-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.702 mW/g
Antenna B, H-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 7.81 V/m; Power Drift = 0.2 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.116 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.769 mW/g

Antenna B, H-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 7.81 V/m; Power Drift = 0.2 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.091 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.631 mW/g



0 dB = 0.631mW/g

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Test Laboratory: Compliance Certification Services

Host # 1(Toshiba)

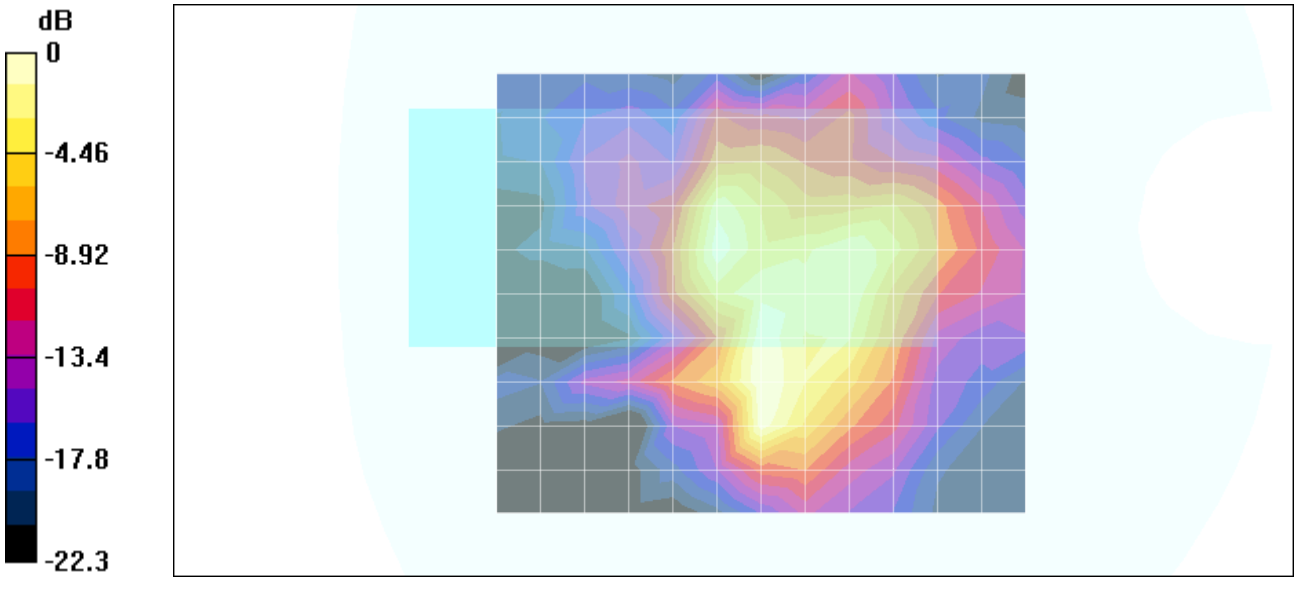
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5760 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5760 MHz; σ = 6.27 mho/m; ε_r = 48.2; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Turbo_Antenna B, L-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.807 mW/g
Turbo_Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 7.2 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.123 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.844 mW/g

Turbo_Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 7.2 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.124 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.781 mW/g



0 dB = 0.781mW/g

Date/Time: 12/20/04 12:57:34

Test Laboratory: Compliance Certification Services

Host # 1(Toshiba)

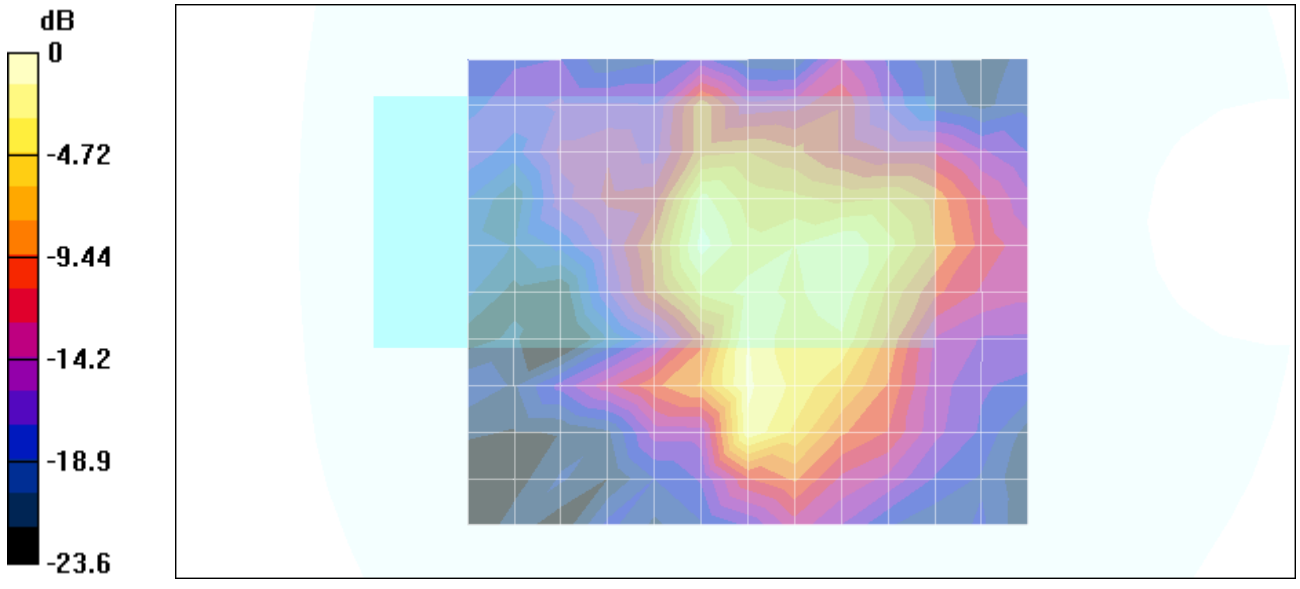
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5805 MHz; σ = 6.35 mho/m; ε_r = 48; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Turbo_Antenna B, H-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.686 mW/g
Turbo_Antenna B, H-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 7.7 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.104 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.724 mW/g

Turbo_Antenna B, H-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 7.7 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.121 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.833 mW/g



0 dB = 0.833mW/g

Date/Time: 12/20/04 19:17:01

Test Laboratory: Compliance Certification Services

Host # 2 (IBM)

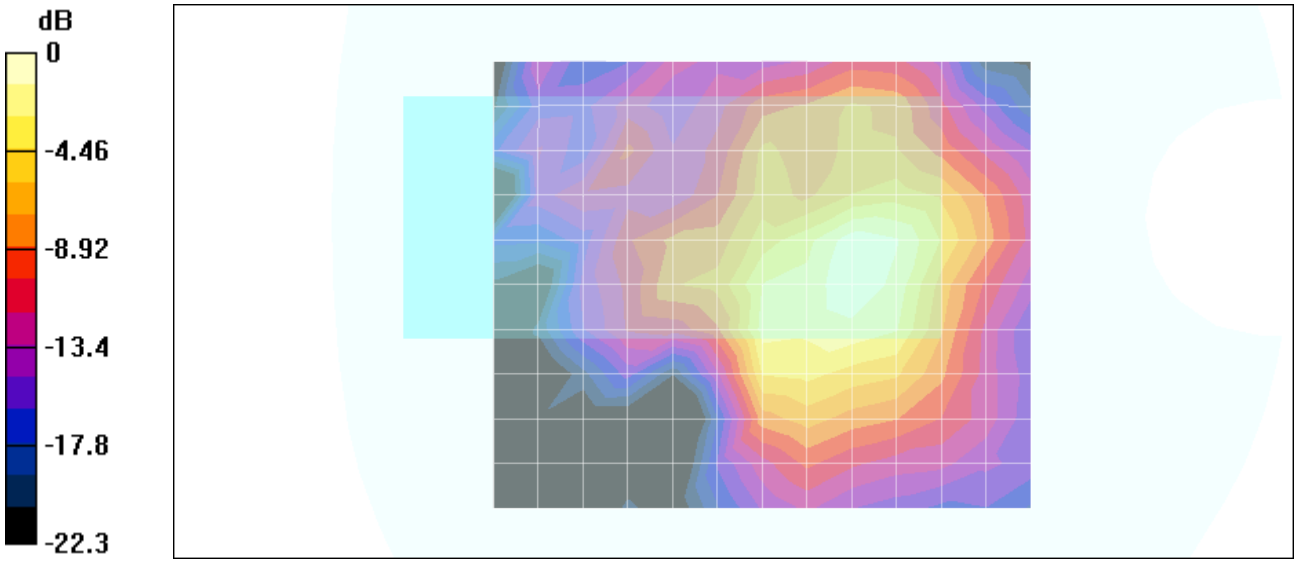
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 6.21 mho/m; ε_r = 48.3; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Antenna B, L-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.686 mW/g
Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.56 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.151 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.743 mW/g

Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.56 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.112 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.699 mW/g



0 dB = 0.699mW/g

Date/Time: 12/20/04 19:17:01

Test Laboratory: Compliance Certification Services

Host # 2 (IBM)

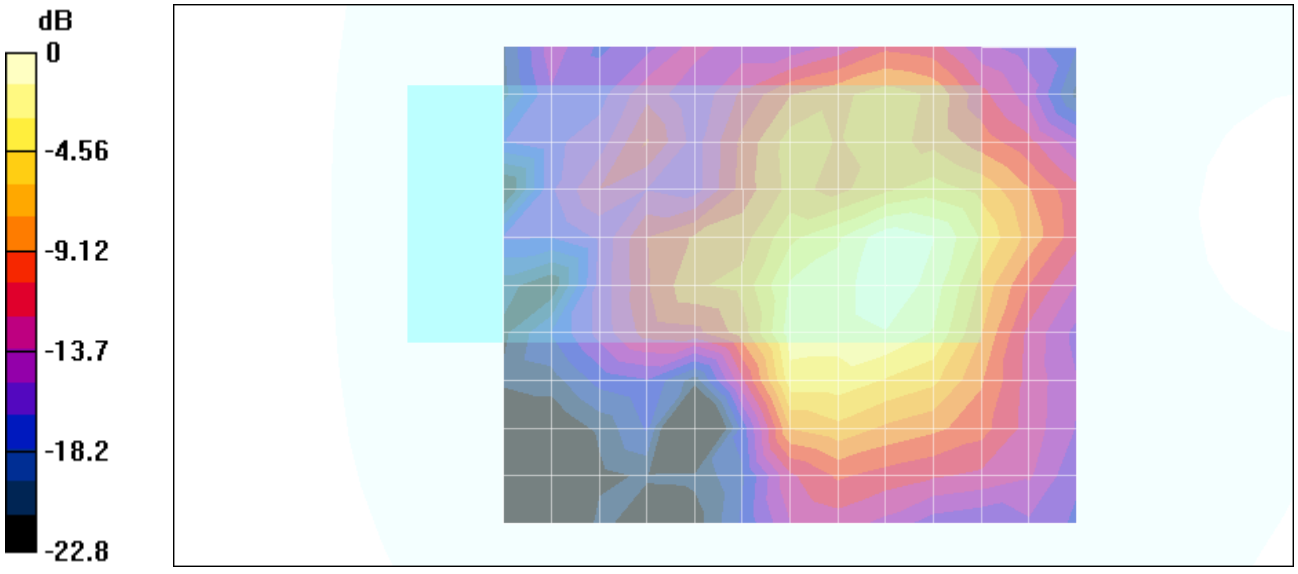
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5760 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5760 MHz; σ = 6.27 mho/m; ε_r = 48.2; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Turbo_Antenna B, L-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.593 mW/g
Turbo_Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.89 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.132 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.627 mW/g

Turbo_Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.89 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.099 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.589mW/g

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Test Laboratory: Compliance Certification Services

Host # 3 (Dell)

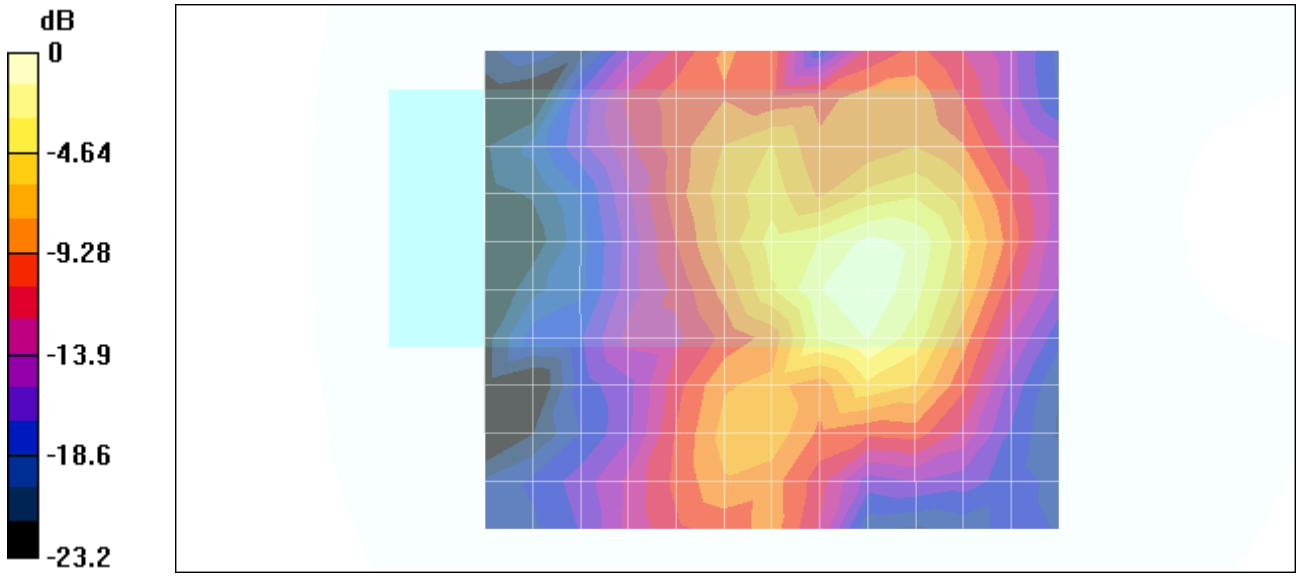
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 6.21 mho/m; ε_r = 48.3; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Antenna B, L-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.800 mW/g

Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 7.14 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.183 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.833 mW/g



0 dB = 0.833mW/g

Date/Time: 12/20/04 20:52:19

Test Laboratory: Compliance Certification Services

Host # 3 (Dell)

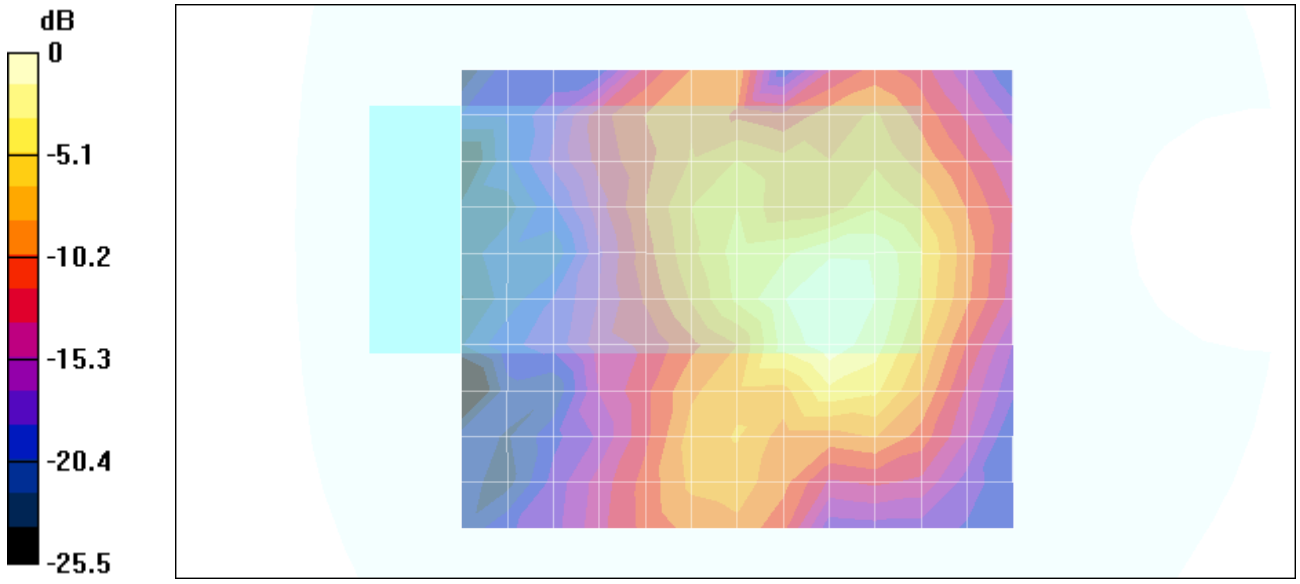
DUT: Atheros; Type: AR5BCB; Serial: CB62-420-36

Phantom section: Flat Section
Frequency: 5760 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5760 MHz; σ = 6.27 mho/m; ε_r = 48.2; 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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

Turbo_Antenna B, L-ch/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.785 mW/g

Turbo_Antenna B, L-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.88 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.167 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.762 mW/g



0 dB = 0.762mW/g