

Test Laboratory: Compliance Certification Services

# Lapheld

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437 \text{ MHz}$ ;  $\sigma = 2 \text{ mho/m}$ ;  $\epsilon_r = 50.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

## G mode Lapheld Diaz ACON - M ch/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.115 mW/g

## G mode Lapheld Diaz ACON - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.50 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.046 mW/g**

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

Maximum value of SAR (measured) = 0.122 mW/g

## G mode Lapheld Diaz ACON - M ch/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

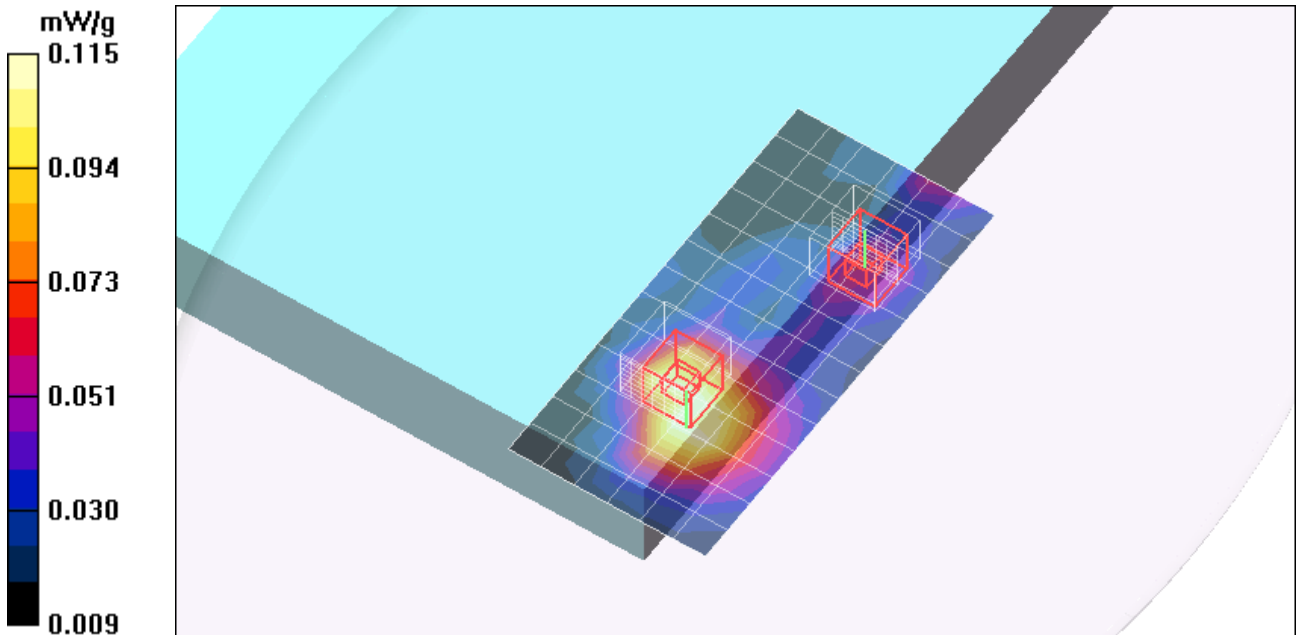
Reference Value = 7.50 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.086 W/kg

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.025 mW/g**

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

Maximum value of SAR (measured) = 0.066 mW/g



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## Lapheld

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

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

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**HT20 mode Lapheld Diaz Acon - M ch/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.135 mW/g

**HT20 mode Lapheld Diaz Acon - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

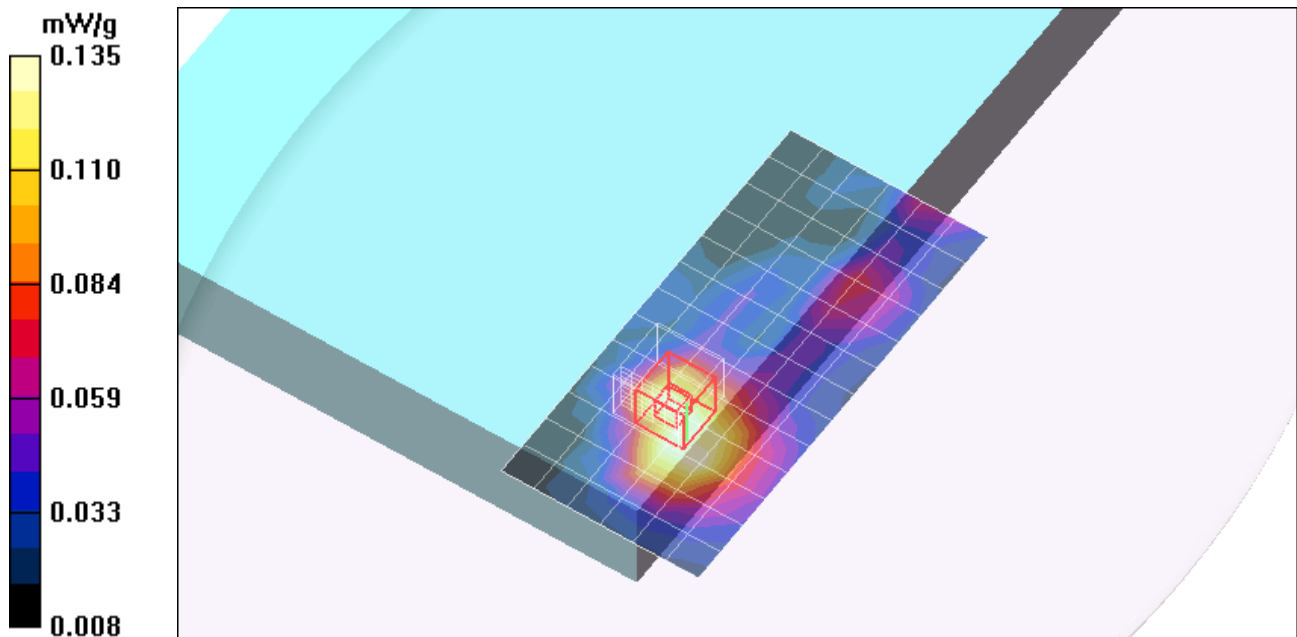
Reference Value = 8.81 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.070 mW/g**

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

Maximum value of SAR (measured) = 0.152 mW/g



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## Lapheld

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

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

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**G mode Lapheld Diaz Tyco - M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.190 mW/g

**G mode Lapheld Diaz Tyco - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.99 V/m; Power Drift = -0.188 dB

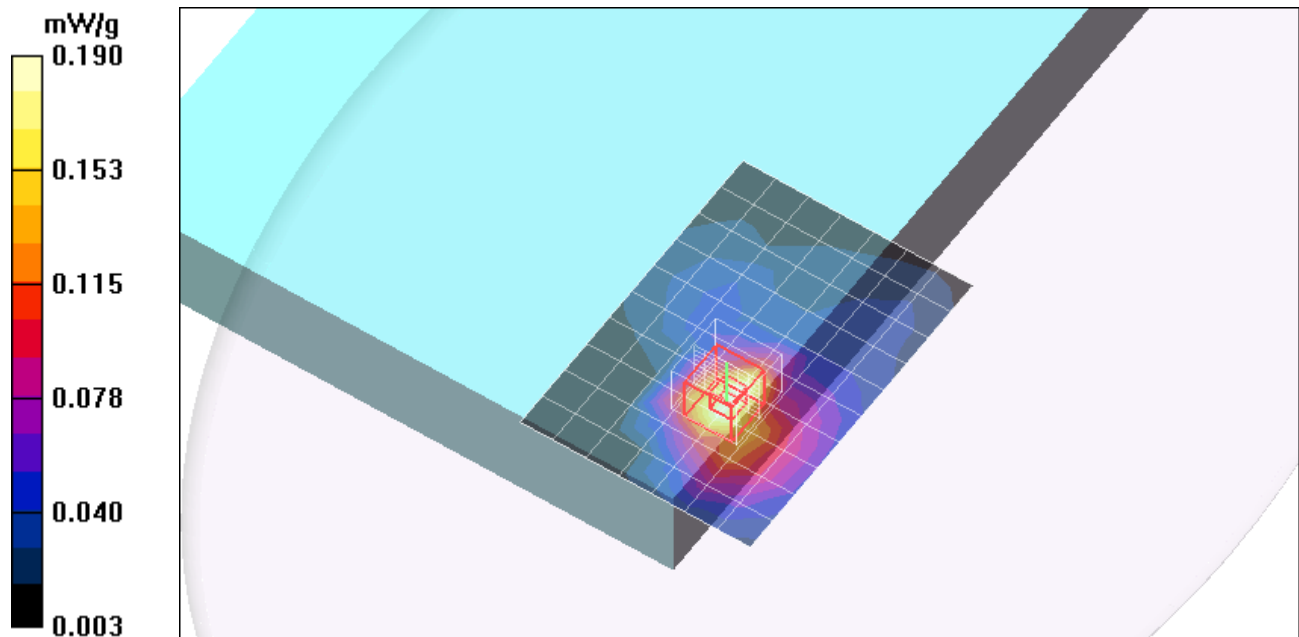
Peak SAR (extrapolated) = 0.282 W/kg

Peak SAR (extrapolated) = 0.282 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.088 mW/g**

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

Maximum value of SAR (measured) = 0.208 mW/g



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## Lapheld

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

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

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**HT20 mode Lapheld Diaz Tyco - M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.242 mW/g

**HT20 mode Lapheld Diaz Tyco - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 11.5 V/m; Power Drift = -0.242 dB

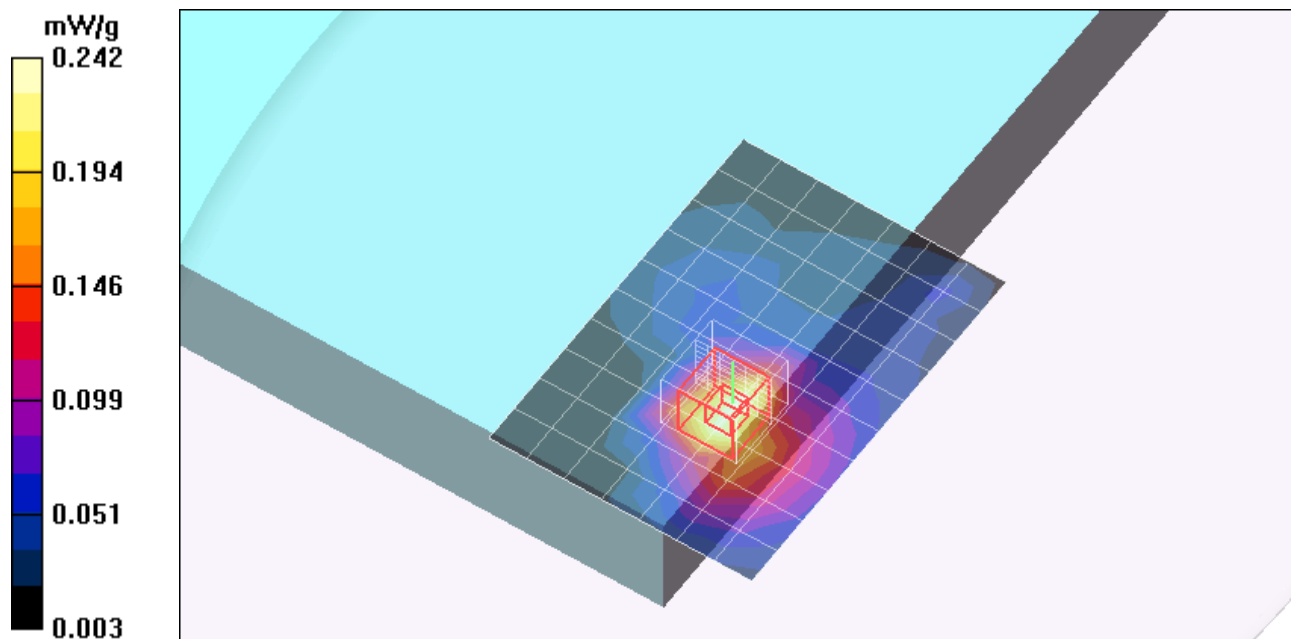
Peak SAR (extrapolated) = 0.338 W/kg

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.108 mW/g**

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

Maximum value of SAR (measured) = 0.254 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5230$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.21, 4.21, 4.21); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

### 802.11n HT40 mode 5.2 GHz Band Acon Ant - H ch/Area Scan (9x11x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.269 mW/g

### 802.11n HT40 mode 5.2 GHz Band Acon Ant - H ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

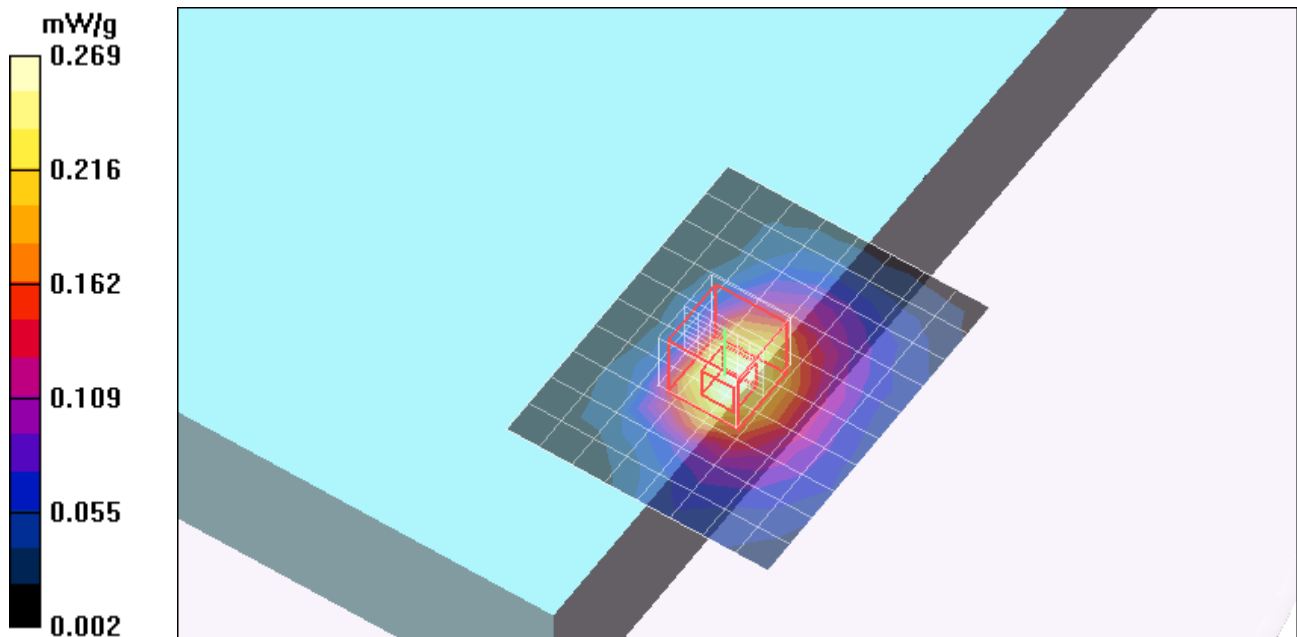
Reference Value = 6.63 V/m; Power Drift = -0.567 dB

Peak SAR (extrapolated) = 0.717 W/kg

**SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.056 mW/g**

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

Maximum value of SAR (measured) = 0.283 mW/g



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## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.58$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.92, 3.92, 3.92); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**802.11n HT40 mode 5.230 GHz Band TYCO Ant - L ch 2/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.151 mW/g

**802.11n HT40 mode 5.230 GHz Band TYCO Ant - L ch 2/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

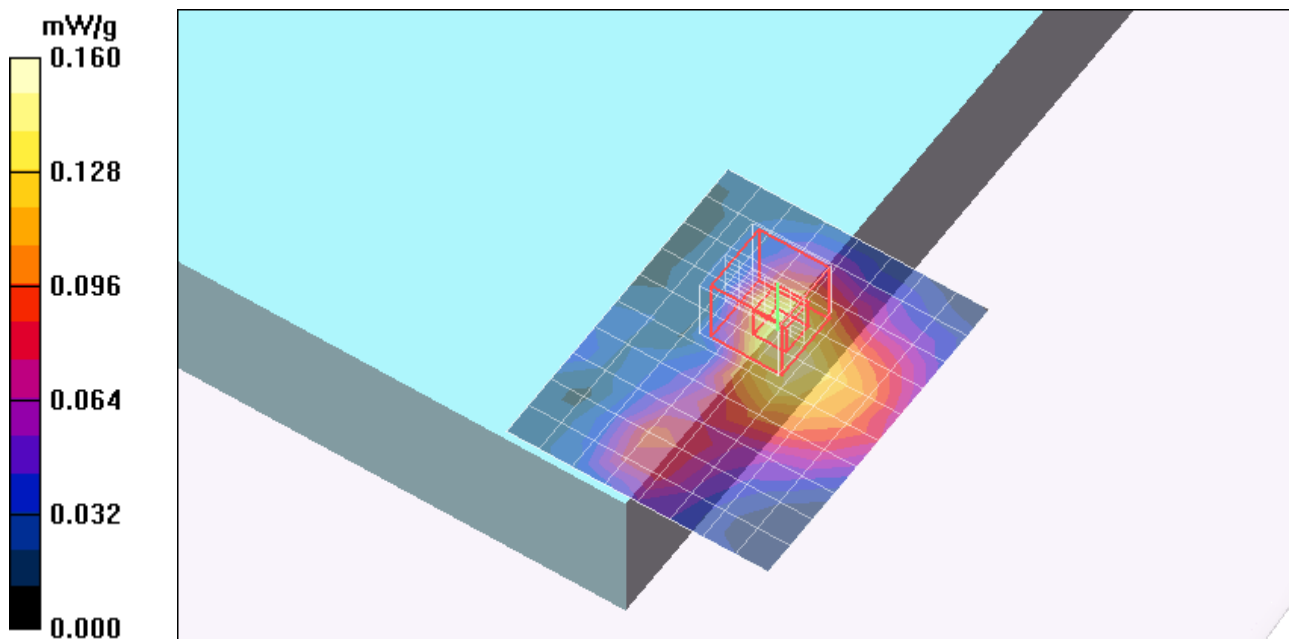
Reference Value = 2.56 V/m; Power Drift = 0.445 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.035 mW/g**

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

Maximum value of SAR (measured) = 0.160 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.58$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.92, 3.92, 3.92); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

### 802.11n HT40 mode 5.3 GHz Band Acon Ant - L ch/Area Scan (9x11x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.671 mW/g

### 802.11n HT40 mode 5.3 GHz Band Acon Ant - L ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

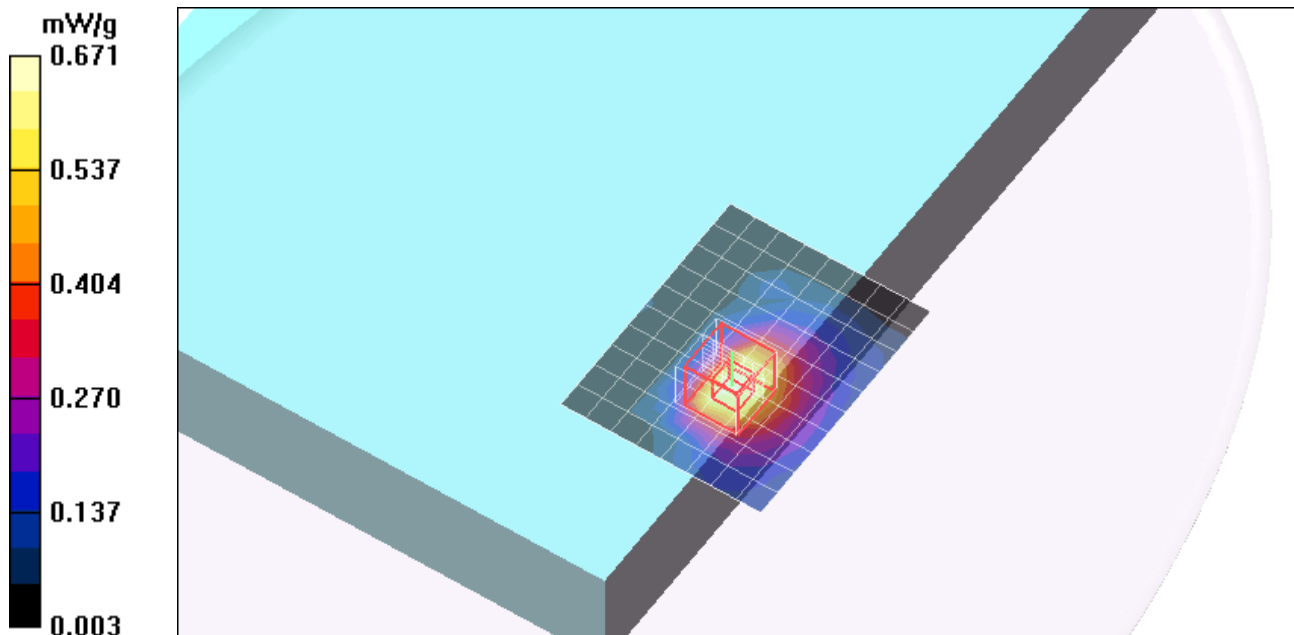
Reference Value = 9.21 V/m; Power Drift = -0.530 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.192 mW/g**

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

Maximum value of SAR (measured) = 0.708 mW/g





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## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.58$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.92, 3.92, 3.92); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

### 802.11n HT40 mode 5.3 GHz Band TYCO Ant - L ch/Area Scan (9x11x1): Measurement grid:

$dx=10$ mm,  $dy=10$ mm

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

Maximum value of SAR (measured) = 0.528 mW/g

### 802.11n HT40 mode 5.3 GHz Band TYCO Ant - L ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2.5$ mm

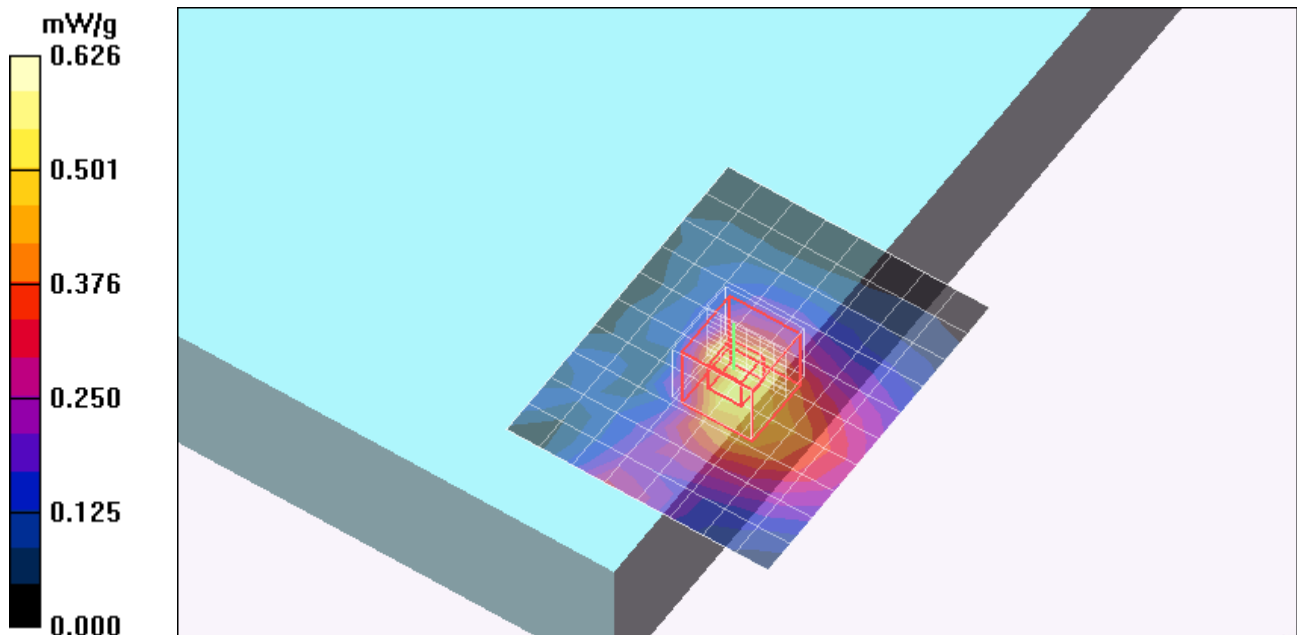
Reference Value = 7.91 V/m; Power Drift = -0.392 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.163 mW/g**

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

Maximum value of SAR (measured) = 0.566 mW/g





Test Laboratory: Compliance Certification Services

## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5590$  MHz;  $\sigma = 5.93$  mho/m;  $\epsilon_r = 45.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- 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(3.5, 3.5, 3.5); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

### 802.11n HT40 mode 5.5 GHz Band Acon Ant - M ch/Area Scan (9x11x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.809 mW/g

### 802.11n HT40 mode 5.5 GHz Band Acon Ant - M ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

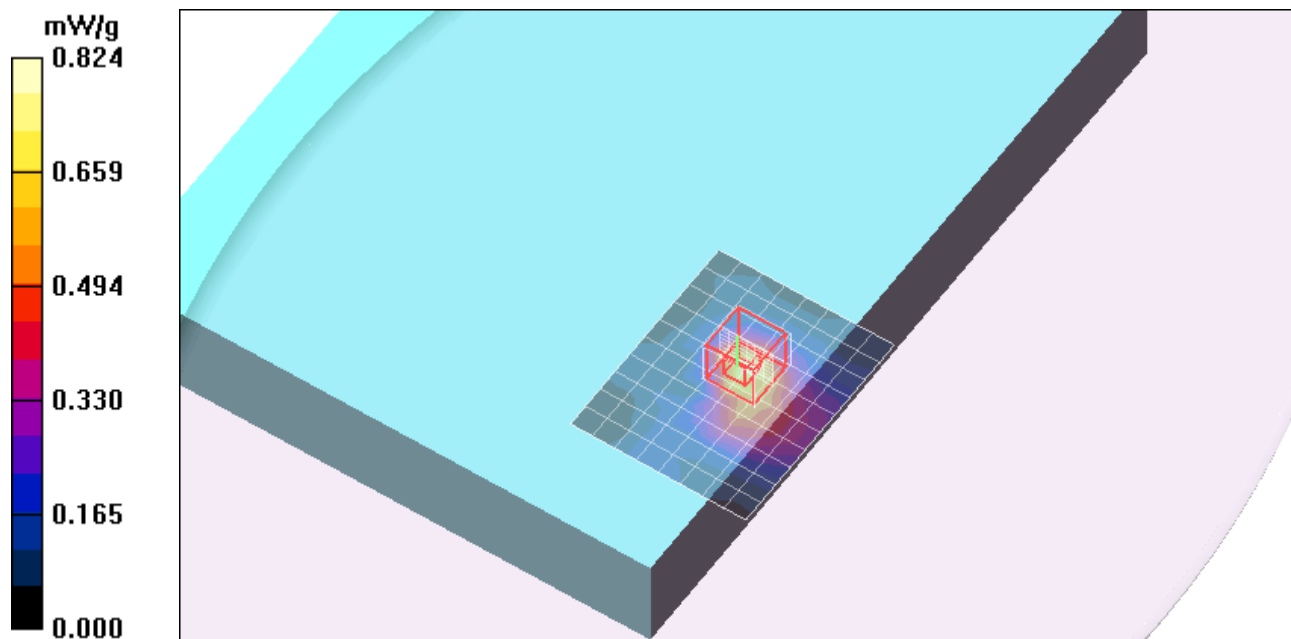
Reference Value = 12.6 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.184 mW/g**

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

Maximum value of SAR (measured) = 0.824 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5590$  MHz;  $\sigma = 5.93$  mho/m;  $\epsilon_r = 45.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- 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(3.5, 3.5, 3.5); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

### 802.11n HT40 mode 5.5 GHz Band Tyco Ant - M ch/Area Scan (9x11x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.760 mW/g

### 802.11n HT40 mode 5.5 GHz Band Tyco Ant - M ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

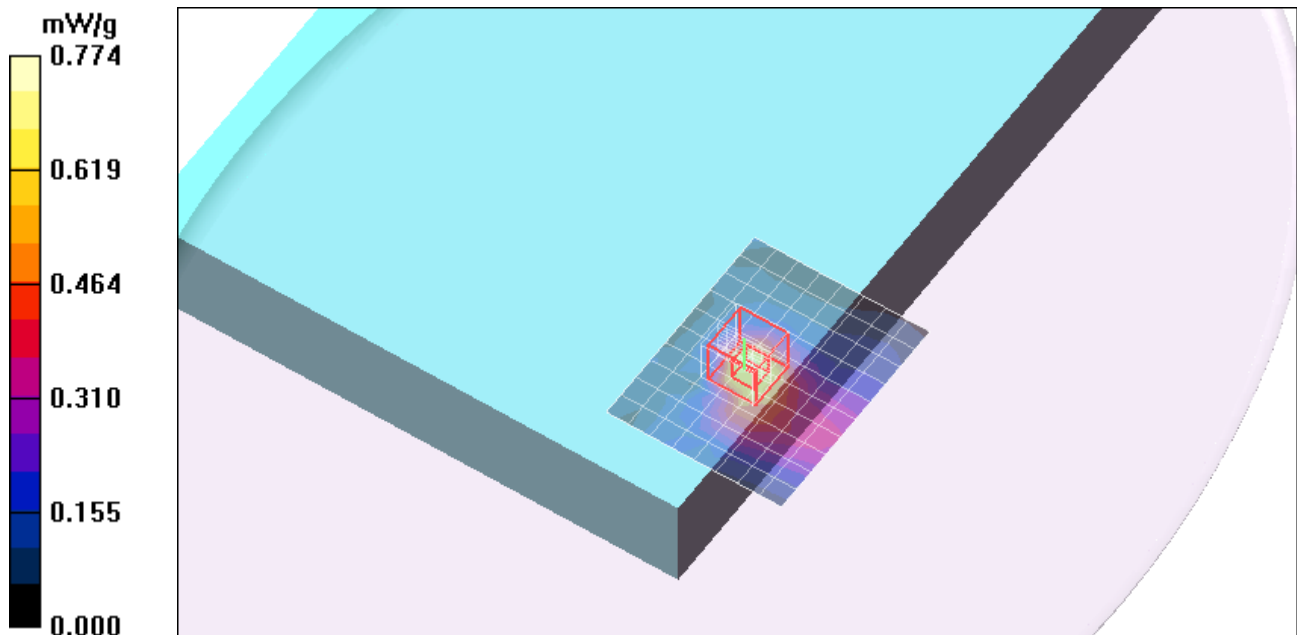
Reference Value = 10.5 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 6.82 W/kg

**SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.262 mW/g**

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

Maximum value of SAR (measured) = 0.774 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

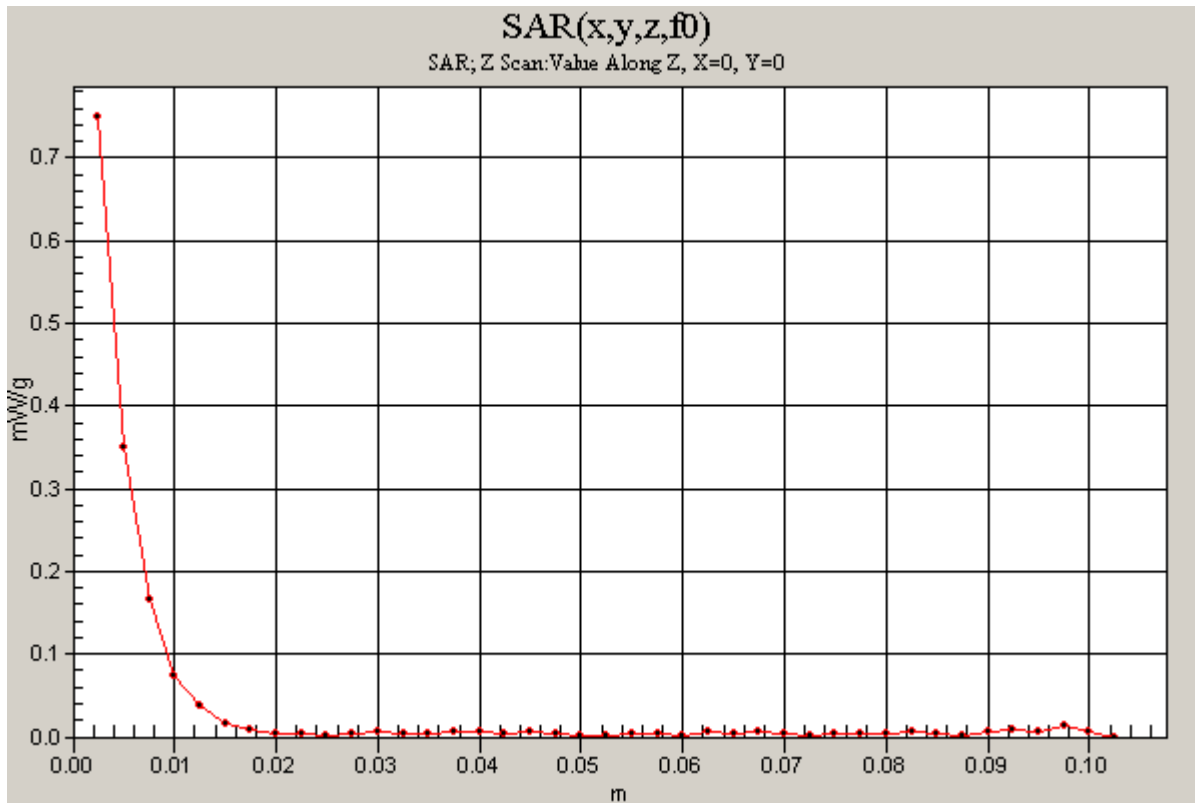
Communication System: 802.11agn; Frequency: 5590 MHz;Duty Cycle: 1:1

### 802.11n HT40 mode 5.5 GHz Band Tyco Ant - M 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) = 0.750 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5755 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated):  $f = 5755$  MHz;  $\sigma = 6.17$  mho/m;  $\epsilon_r = 44.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(3.7, 3.7, 3.7); Calibrated: 4/23/2008

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 11/16/2007

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**802.11n HT40 mode 5.8 GHz Band Acon Ant - M ch/Area Scan (9x11x1):** Measurement grid:  
dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.539 mW/g

**802.11n HT40 mode 5.8 GHz Band Acon Ant - M ch/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

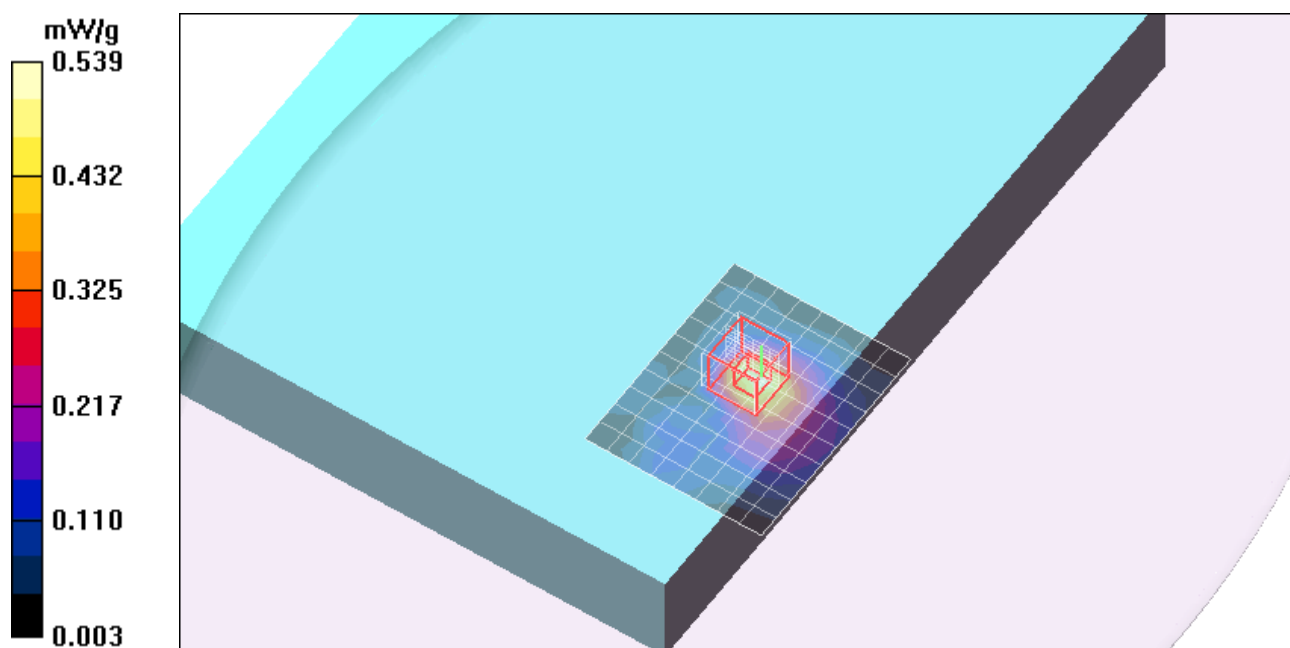
Reference Value = 9.92 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 5.12 W/kg

**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.130 mW/g**

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

Maximum value of SAR (measured) = 0.567 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld - 5GHz Band

DUT: Atheros PCI-E Mini card; Type: 802.11bg; Serial: N/A

Communication System: 802.11agn; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5755$  MHz;  $\sigma = 6.17$  mho/m;  $\epsilon_r = 44.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- 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(3.7, 3.7, 3.7); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

### 802.11n HT40 mode 5.8 GHz Band Tyco Ant - M ch/Area Scan (9x11x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.526 mW/g

### 802.11n HT40 mode 5.8 GHz Band Tyco Ant - M ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.81 V/m; Power Drift = -0.219 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.134 mW/g**

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

Maximum value of SAR (measured) = 0.567 mW/g

