

Test Laboratory: Compliance Certification Services

## Secondary Portrait

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**B mode Secondary Portrait Main - M ch/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.200 mW/g

**B mode Secondary Portrait Main - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

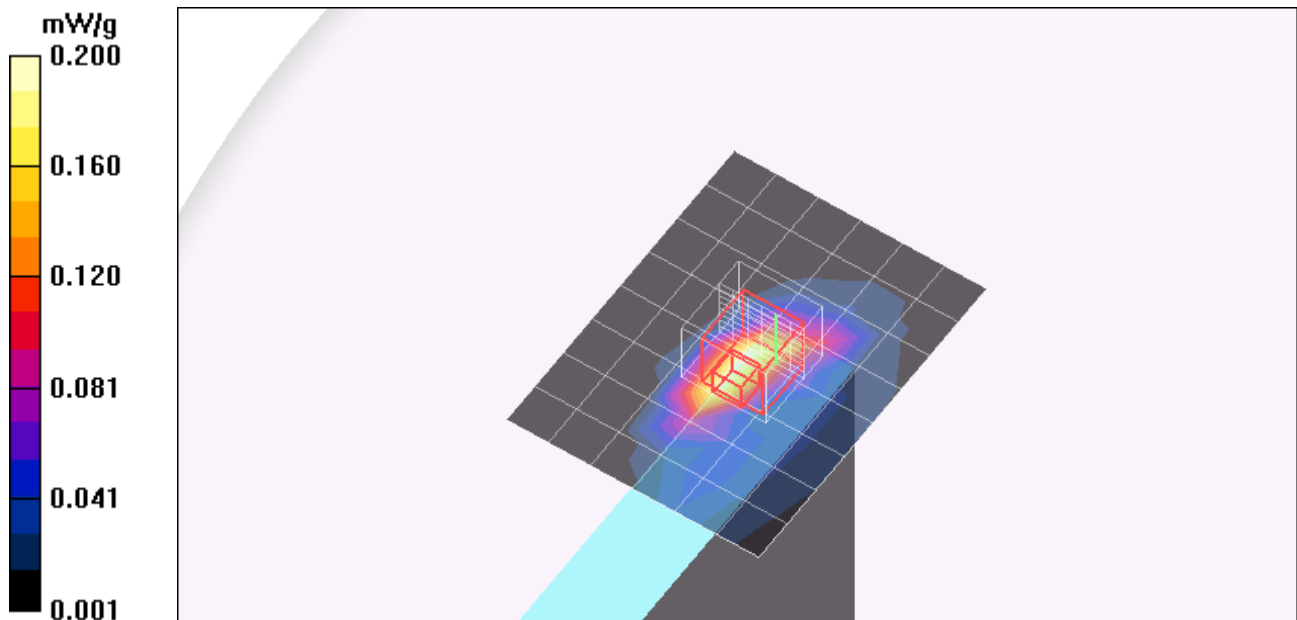
Reference Value = 3.19 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.495 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.088 mW/g**

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

Maximum value of SAR (measured) = 0.351 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**B mode Lapheld Main - M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.058 mW/g

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

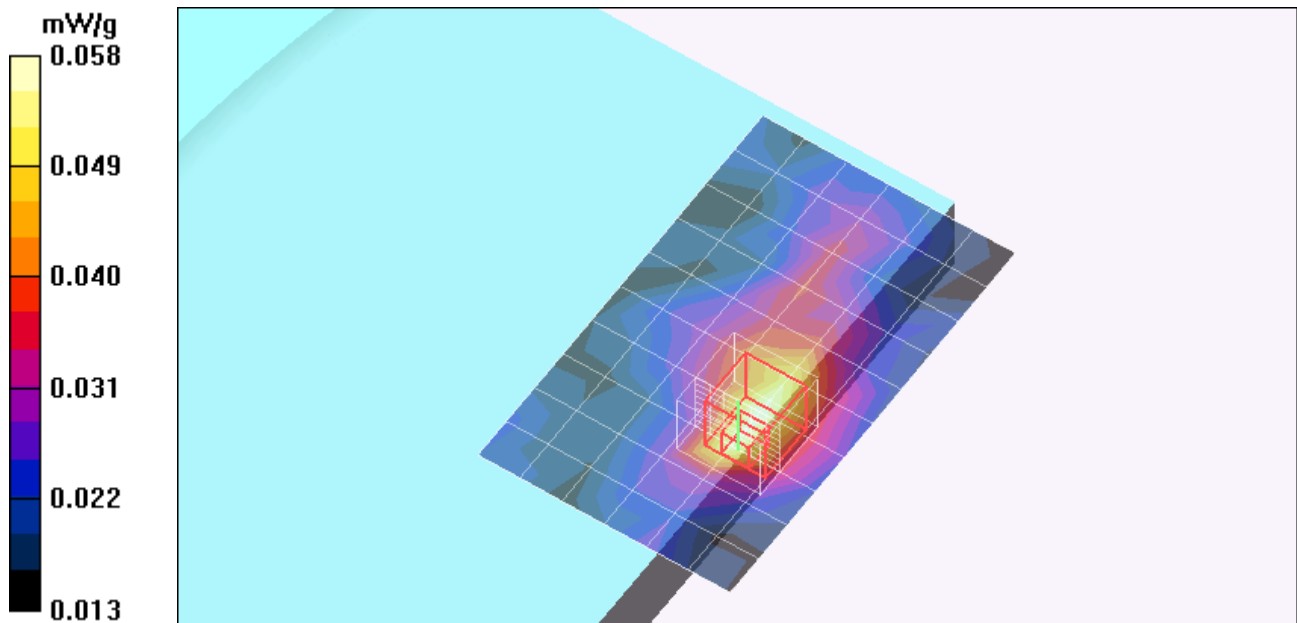
Reference Value = 3.23 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.090 W/kg

**SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.036 mW/g**

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

Maximum value of SAR (measured) = 0.074 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode Main - M ch 2/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.067 mW/g

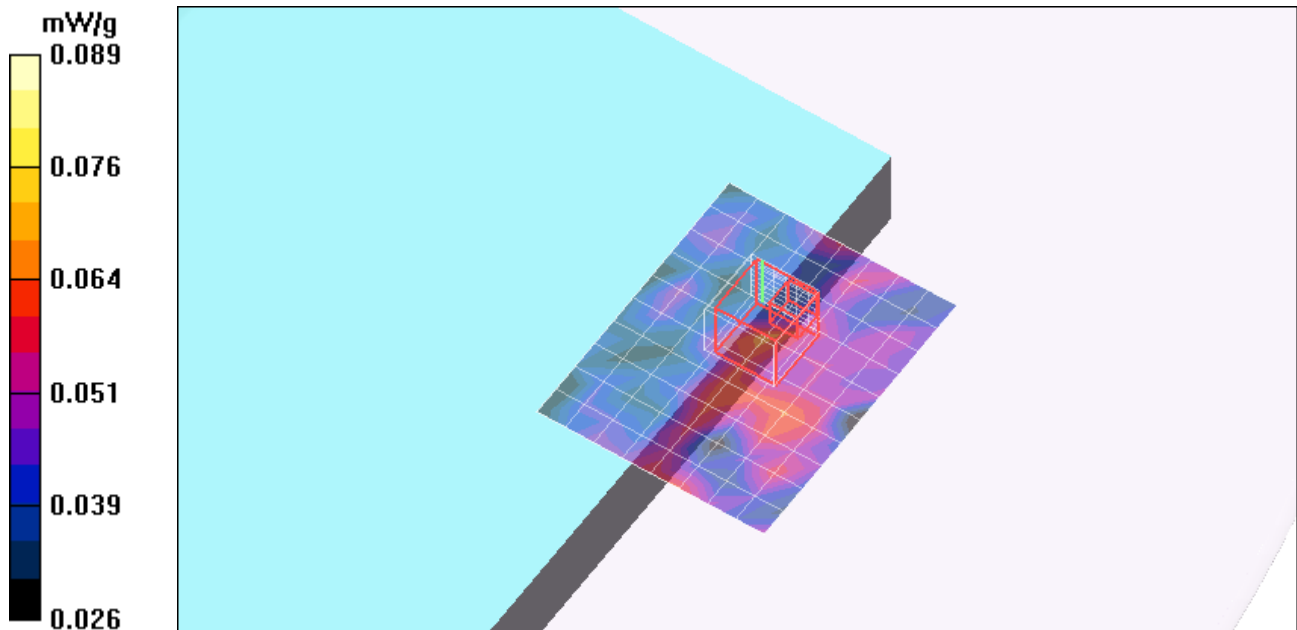
**802.11a Legacy Mode Main - M ch 2/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.59 V/m; Power Drift = 0.311 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.100 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode AUX - M ch/Area Scan (11x15x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.089 mW/g

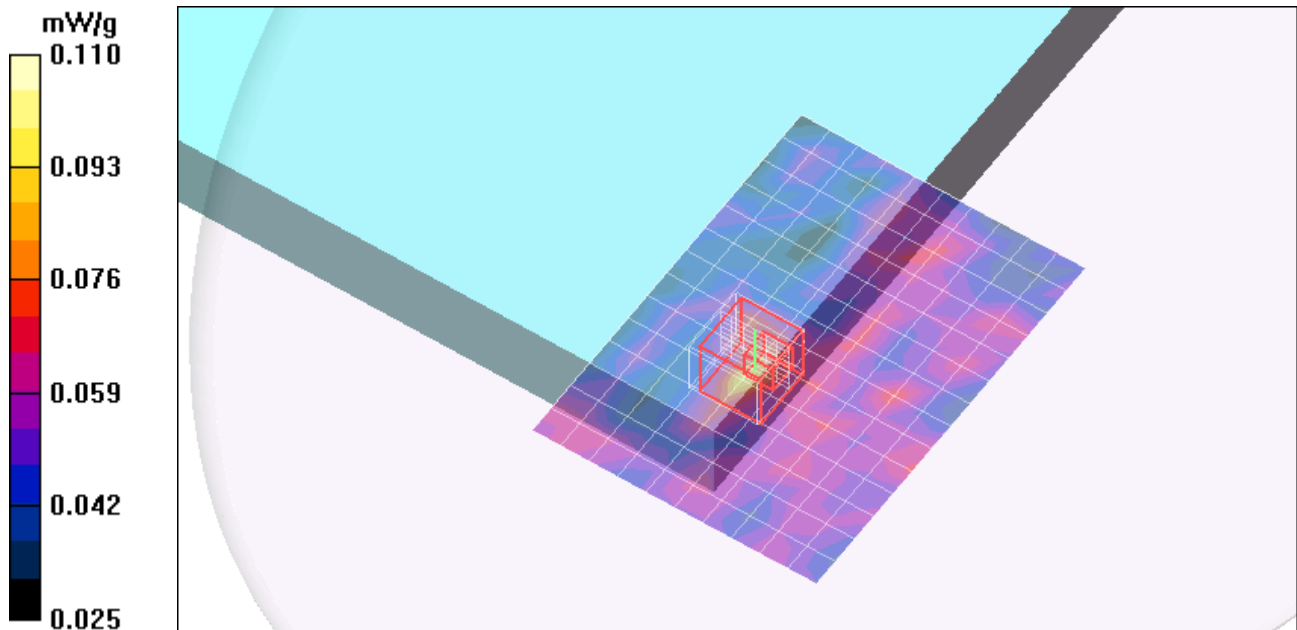
**802.11a Legacy Mode AUX - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.89 V/m; Power Drift = -0.424 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.110 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.55$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode Main - M ch 2/Area Scan (9x14x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.121 mW/g

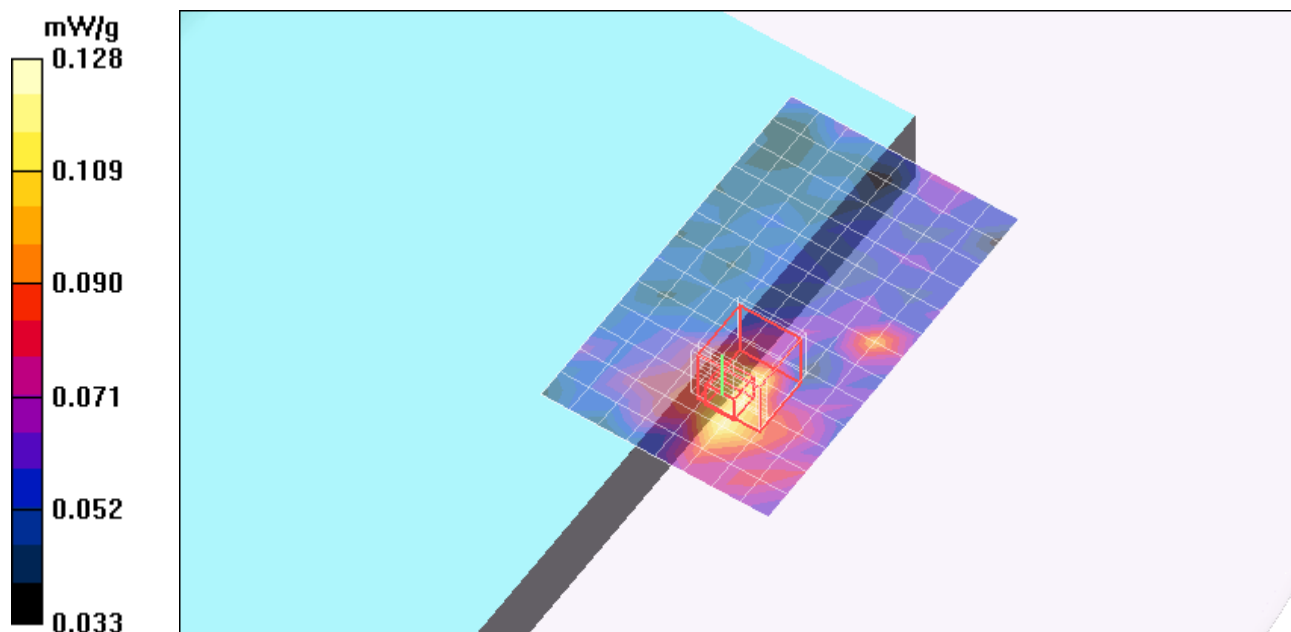
**802.11a Legacy Mode Main - M ch 2/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.23 V/m; Power Drift = -0.565 dB

Peak SAR (extrapolated) = 0.197 W/kg

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 0.128 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.55$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode AUX - M ch/Area Scan (13x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.086 mW/g

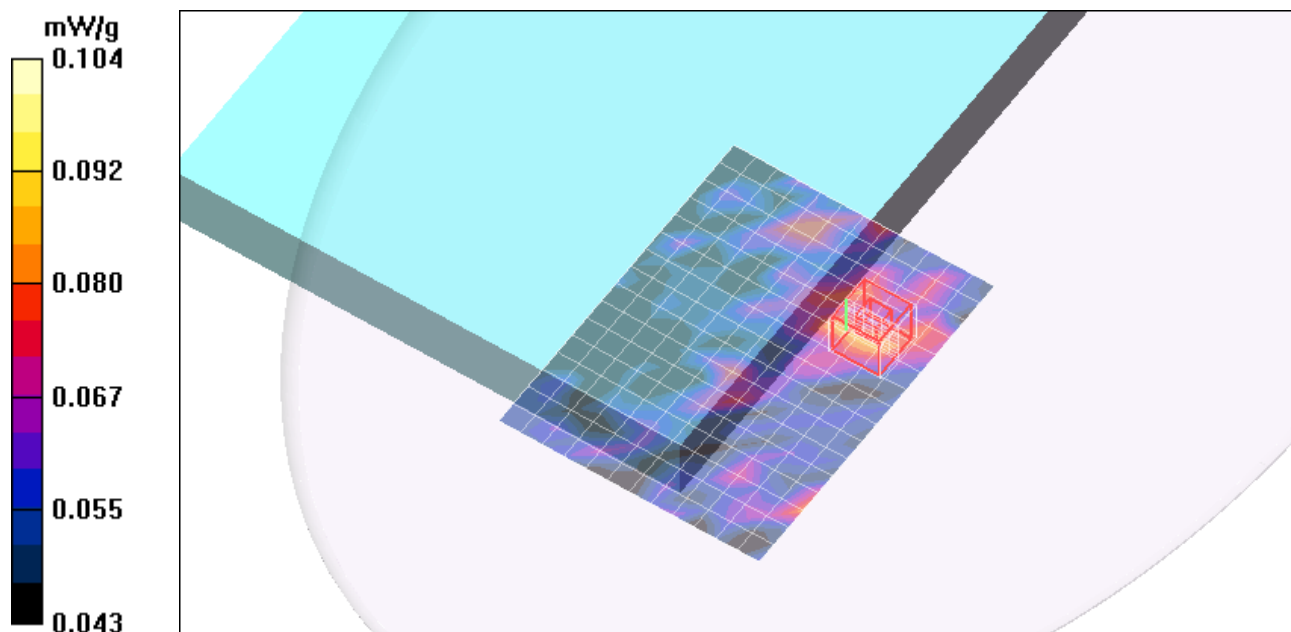
**802.11a Legacy Mode AUX - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.43 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.182 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5600 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 46.3$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.8, 3.8, 3.8); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode Main - M ch/Area Scan (11x13x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.055 mW/g

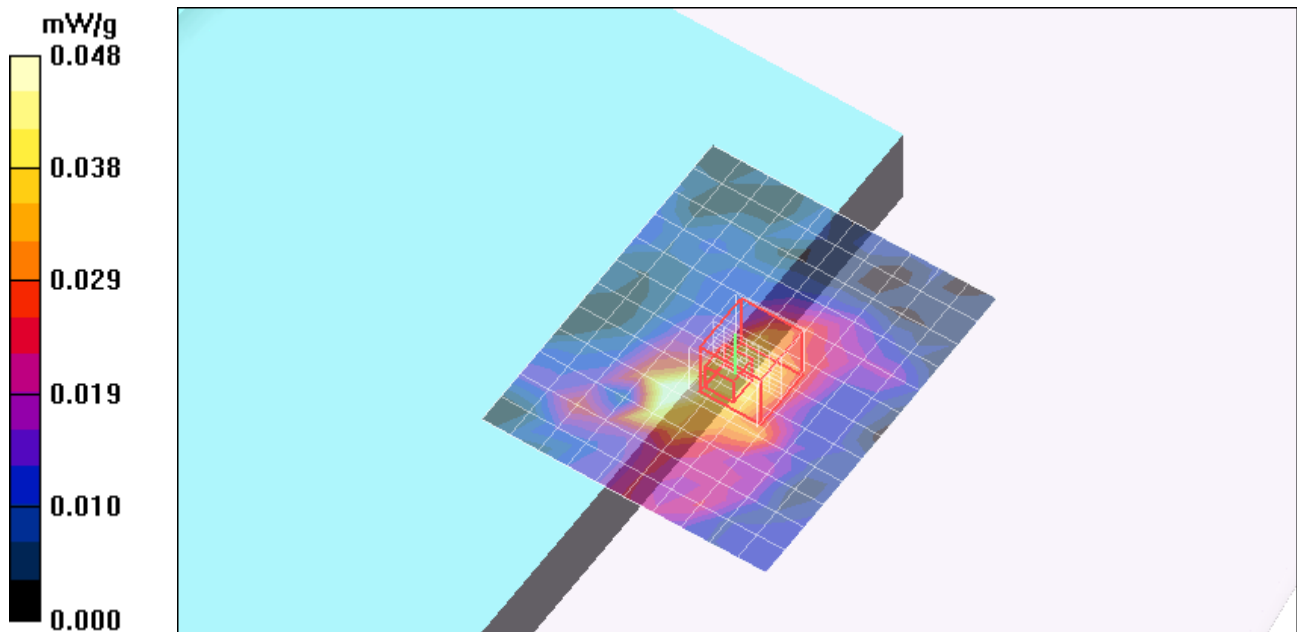
**802.11a Legacy Mode Main - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.50 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.0095 mW/g**

Maximum value of SAR (measured) = 0.048 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5600 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 46.3$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.8, 3.8, 3.8); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode AUX - M ch/Area Scan (11x15x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.032 mW/g

**802.11a Legacy Mode AUX - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.18 V/m; Power Drift = 0.684 dB

Peak SAR (extrapolated) = 0.097 W/kg

**SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00428 mW/g**

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

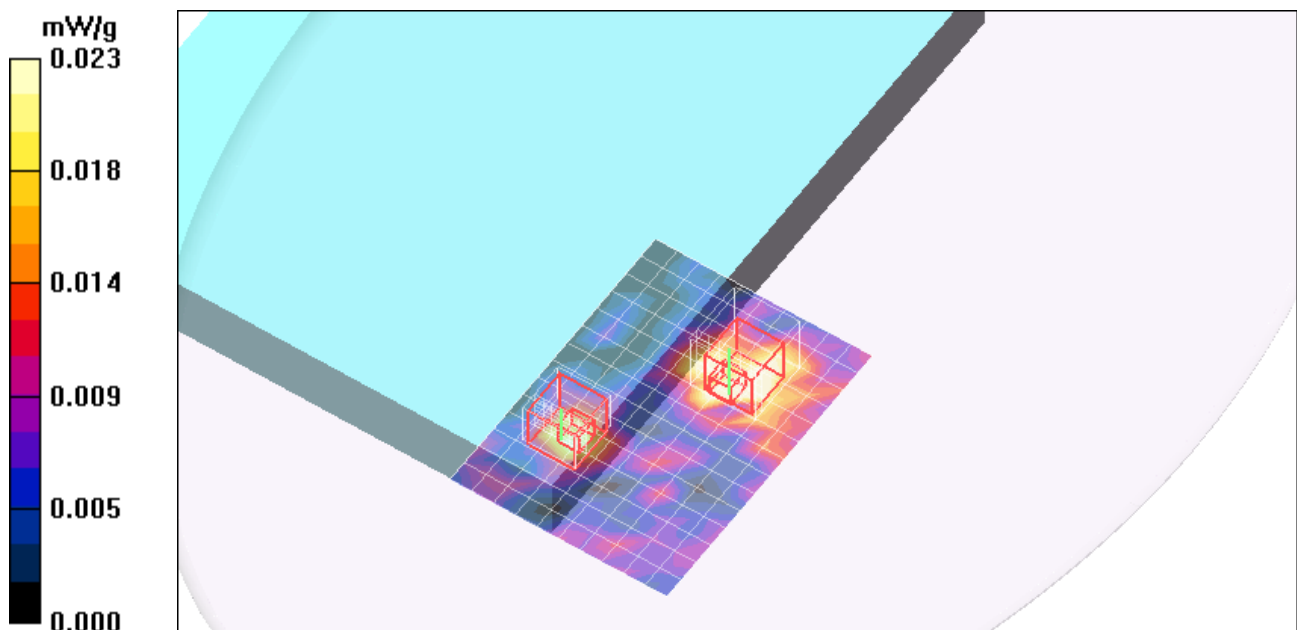
**802.11a Legacy Mode AUX - M ch/Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.18 V/m; Power Drift = 0.684 dB

Peak SAR (extrapolated) = 0.079 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00613 mW/g**

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



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.10

Medium parameters used (interpolated):  $f = 5785$  MHz;  $\sigma = 6.19$  mho/m;  $\epsilon_r = 46.1$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode Main - M ch/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.045 mW/g

**802.11a Legacy Mode Main - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

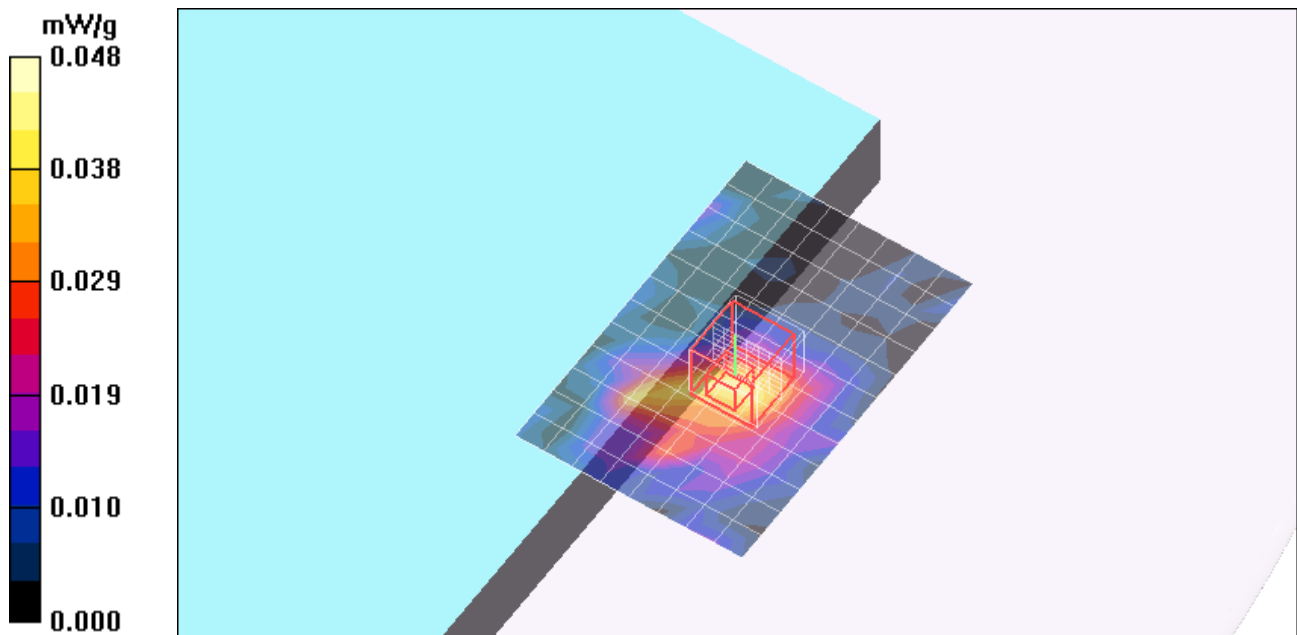
Reference Value = 0.857 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.206 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00924 mW/g**

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

Maximum value of SAR (measured) = 0.048 mW/g



Test Laboratory: Compliance Certification Services

## Lapheld

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.10

Medium parameters used (interpolated):  $f = 5785$  MHz;  $\sigma = 6.19$  mho/m;  $\epsilon_r = 46.1$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode AUX - M ch/Area Scan (11x15x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**802.11a Legacy Mode AUX - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

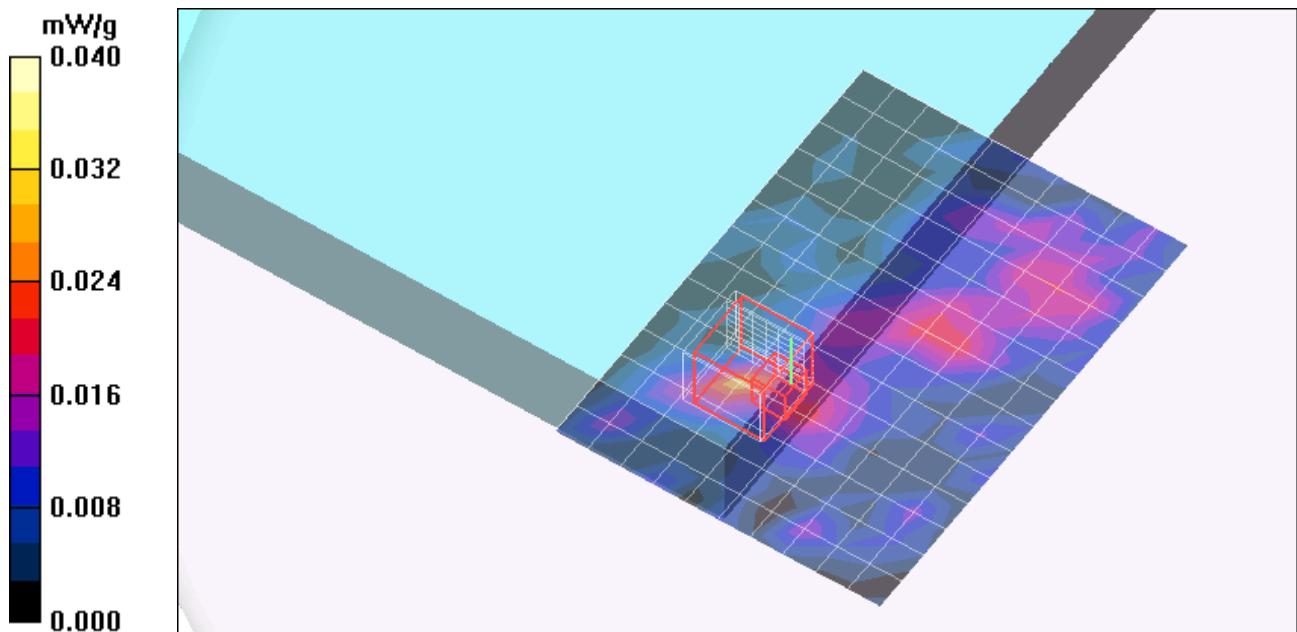
Reference Value = 0.805 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.073 W/kg

**SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.0043 mW/g**

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

Maximum value of SAR (measured) = 0.022 mW/g



Test Laboratory: Compliance Certification Services

## Secondary Portrait

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode AUX ant - M ch/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.067 mW/g

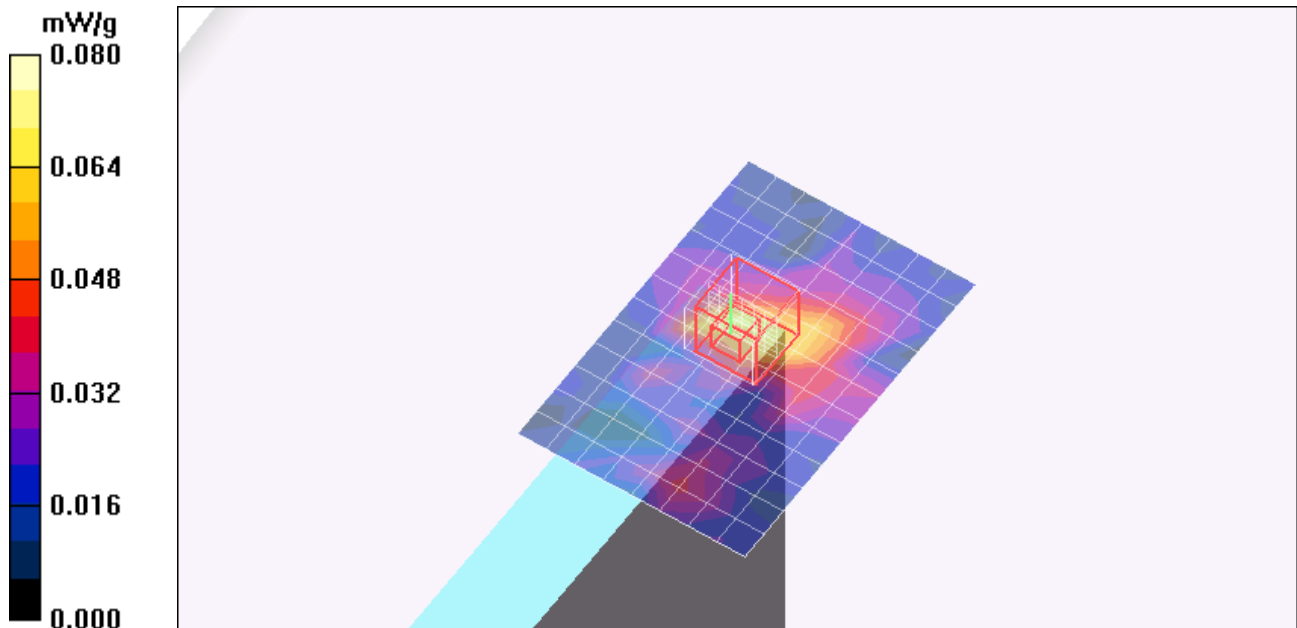
**802.11a Legacy Mode AUX ant - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.38 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.080 mW/g



Test Laboratory: Compliance Certification Services

## Secondary Portrait

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.55$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Legacy Mode AUX ant - M ch/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.192 mW/g

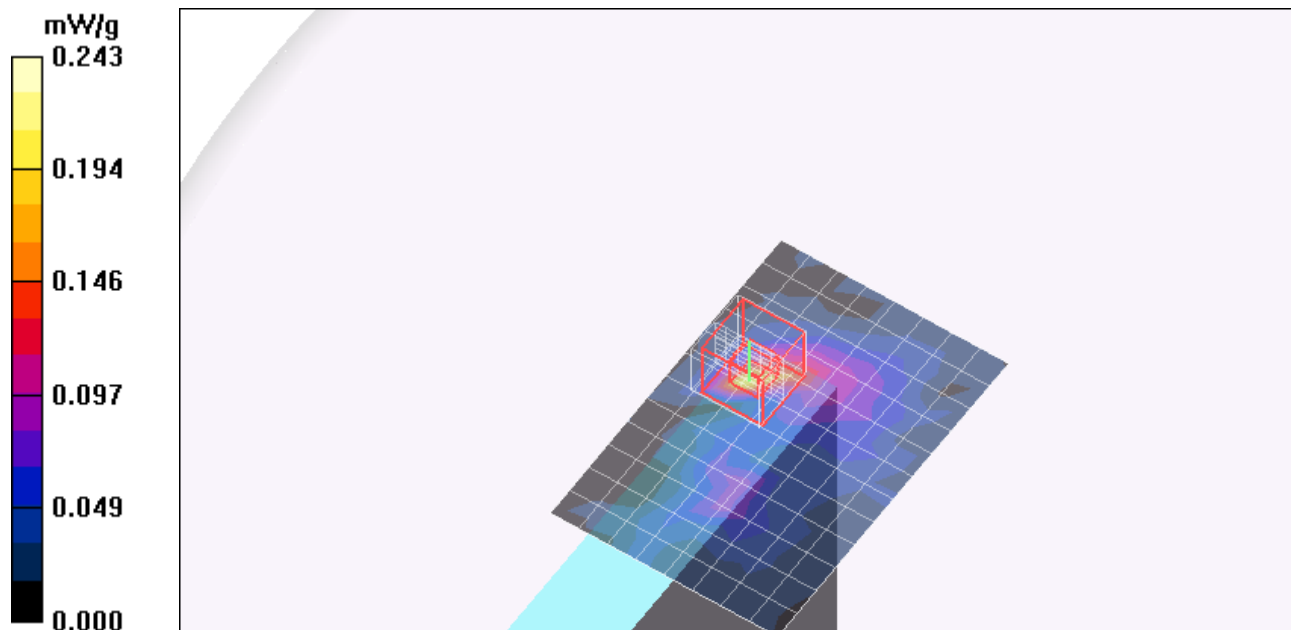
**802.11a Legacy Mode AUX ant - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.10 V/m; Power Drift = 0.209 dB

Peak SAR (extrapolated) = 0.554 W/kg

**SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.040 mW/g**

Maximum value of SAR (measured) = 0.243 mW/g



Test Laboratory: Compliance Certification Services

## Secondary Portrait

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5600 MHz; Duty Cycle: 1:1.10

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 46.3$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.8, 3.8, 3.8); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Mode AUX ant - M ch/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.110 mW/g

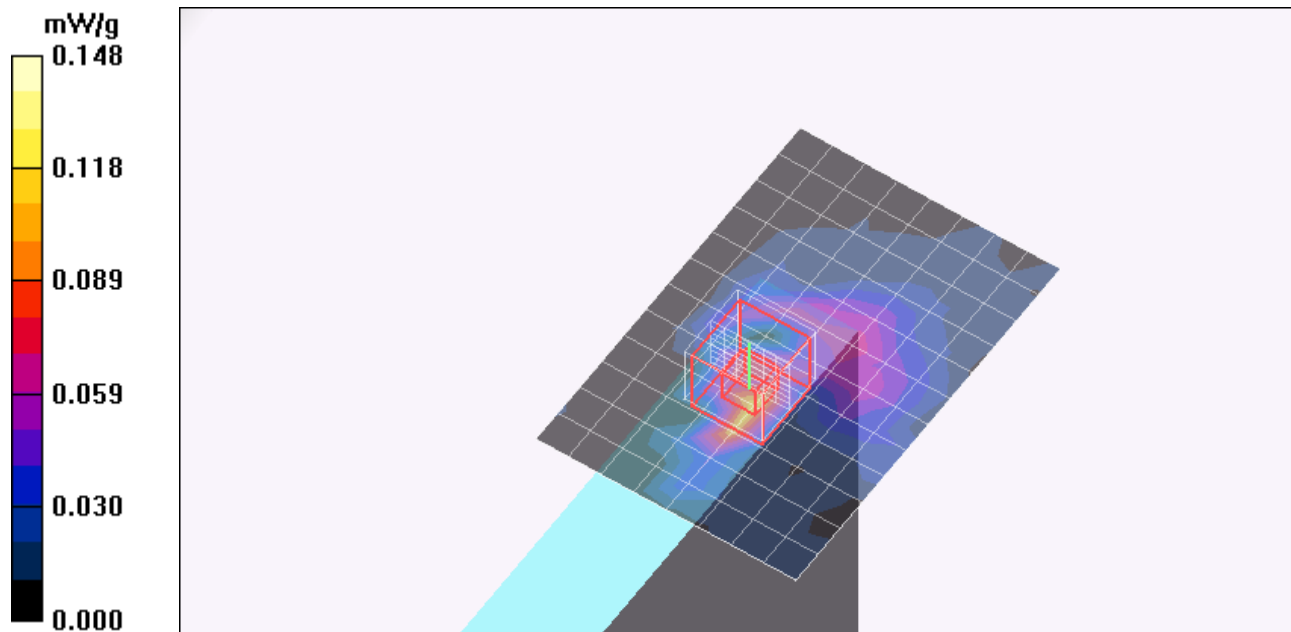
**802.11a Mode AUX ant - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.94 V/m; Power Drift = -0.280 dB

Peak SAR (extrapolated) = 0.834 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.148 mW/g



Test Laboratory: Compliance Certification Services

## Secondary Portrait

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5590 MHz; Duty Cycle: 1:1.10

Medium parameters used (interpolated):  $f = 5590$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 46.4$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.8, 3.8, 3.8); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a HT40 - M ch/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.149 mW/g

**802.11a HT40 - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

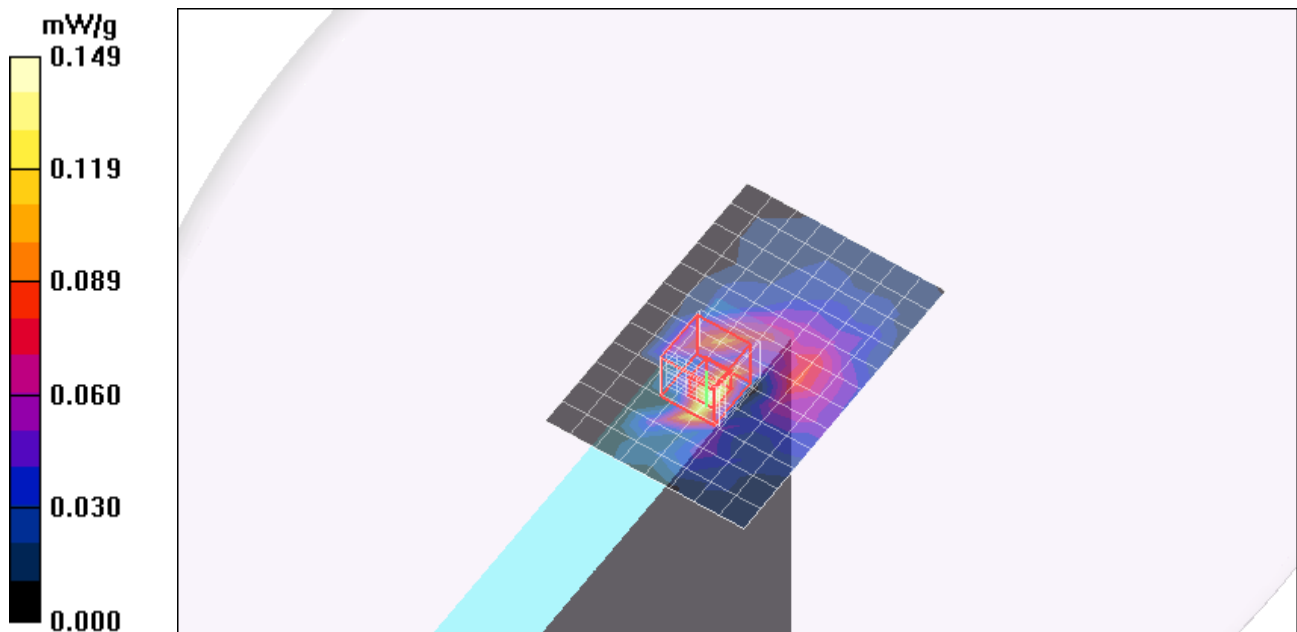
Reference Value = 1.48 V/m; Power Drift = 1.21 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.017 mW/g**

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

Maximum value of SAR (measured) = 0.141 mW/g



Test Laboratory: Compliance Certification Services

## Secondary Portrait

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.10

Medium parameters used (interpolated):  $f = 5785$  MHz;  $\sigma = 6.19$  mho/m;  $\epsilon_r = 46.1$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11a Mode AUX ant - M ch/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.232 mW/g

**802.11a Mode AUX ant - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

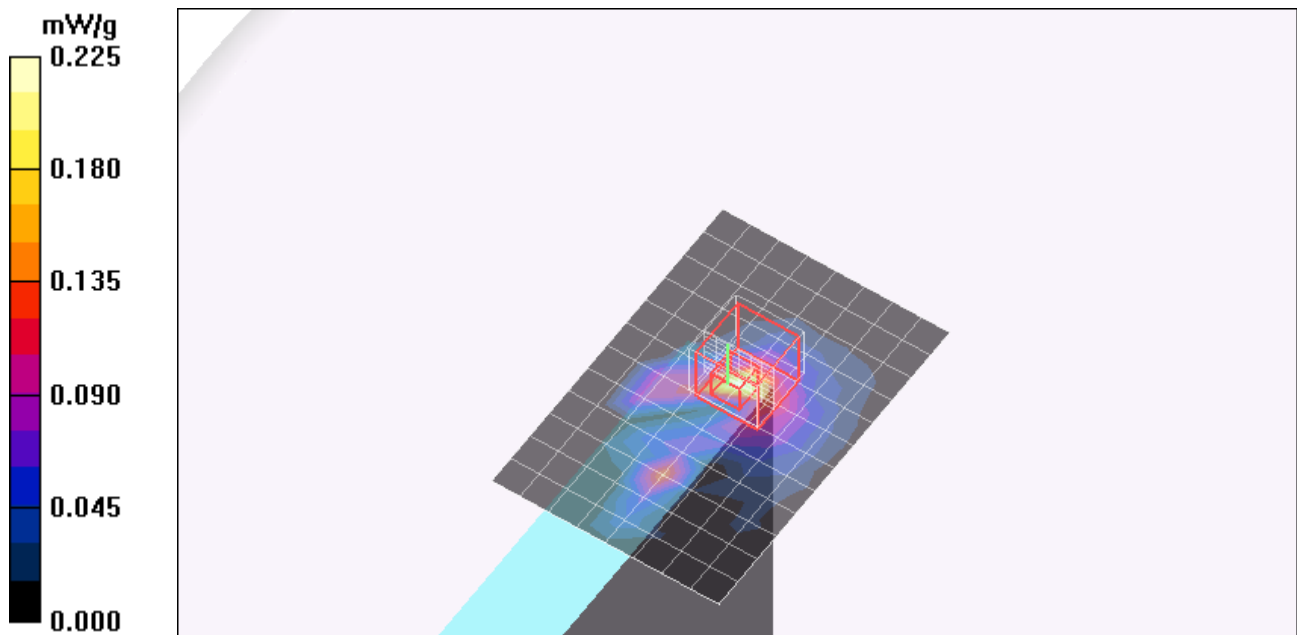
Reference Value = 2.62 V/m; Power Drift = 0.752 dB

Peak SAR (extrapolated) = 0.424 W/kg

**SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.032 mW/g**

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

Maximum value of SAR (measured) = 0.225 mW/g



Test Laboratory: Compliance Certification Services

## Secondary Portrait

DUT: Broadcom Olyphant tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5795 MHz; Duty Cycle: 1:1.10

Medium parameters used (interpolated):  $f = 5795$  MHz;  $\sigma = 6.22$  mho/m;  $\epsilon_r = 46.3$ ;  $\rho = 1000$  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: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**802.11n HT40 - H ch/Area Scan (10x13x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.448 mW/g

**802.11n HT40 - H ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.15 V/m; Power Drift = 0.461 dB

Peak SAR (extrapolated) = 0.790 W/kg

**SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.063 mW/g**

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

Maximum value of SAR (measured) = 0.442 mW/g

