

Test Laboratory: Compliance Certification Services

## Secondary Landscape

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11a - M ch/Area Scan (11x26x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.111 mW/g

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

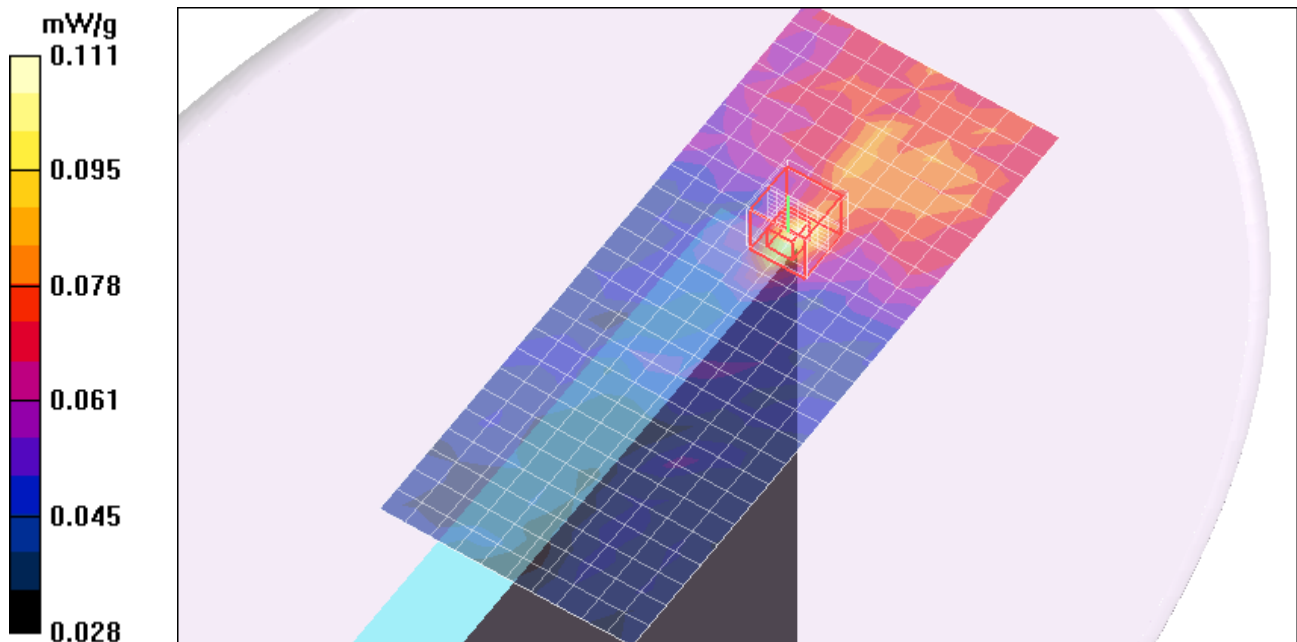
Reference Value = 2.67 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.063 mW/g**

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

Maximum value of SAR (measured) = 0.116 mW/g



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## Secondary Landscape

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 20M - M ch/Area Scan (10x15x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**802.11n 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

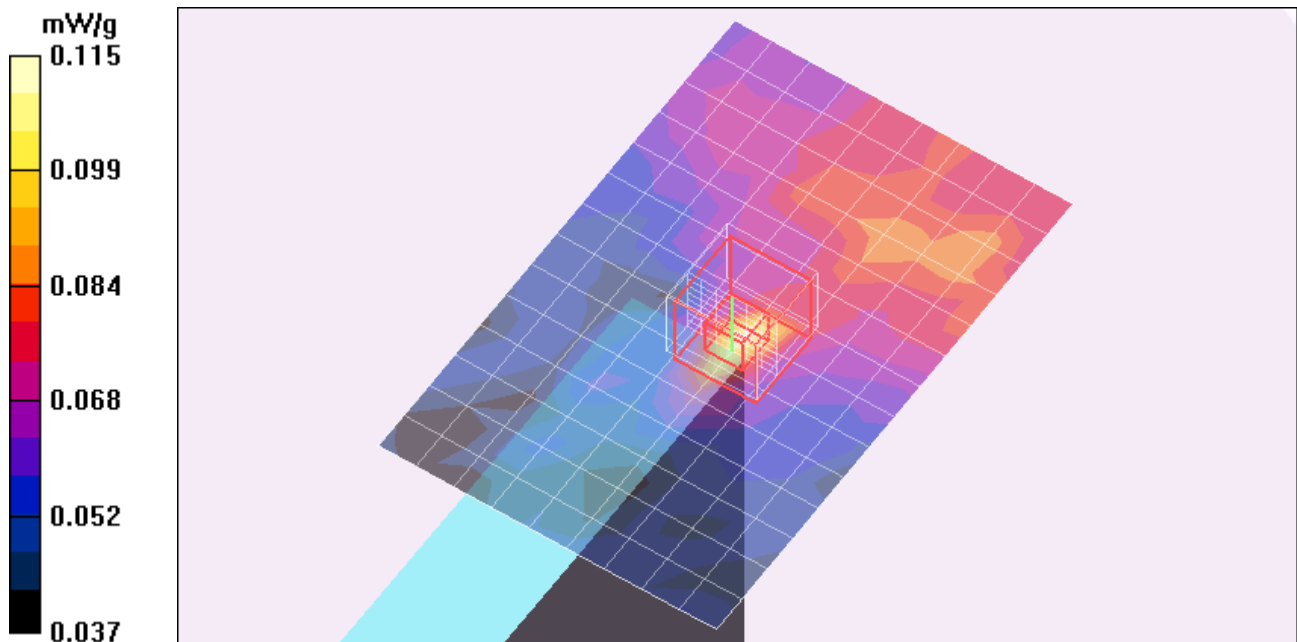
Reference Value = 2.70 V/m; Power Drift = 0.343 dB

Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.063 mW/g**

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

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



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## Secondary Landscape

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.205

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 40M - M ch/Area Scan (10x15x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.116 mW/g

**802.11n 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

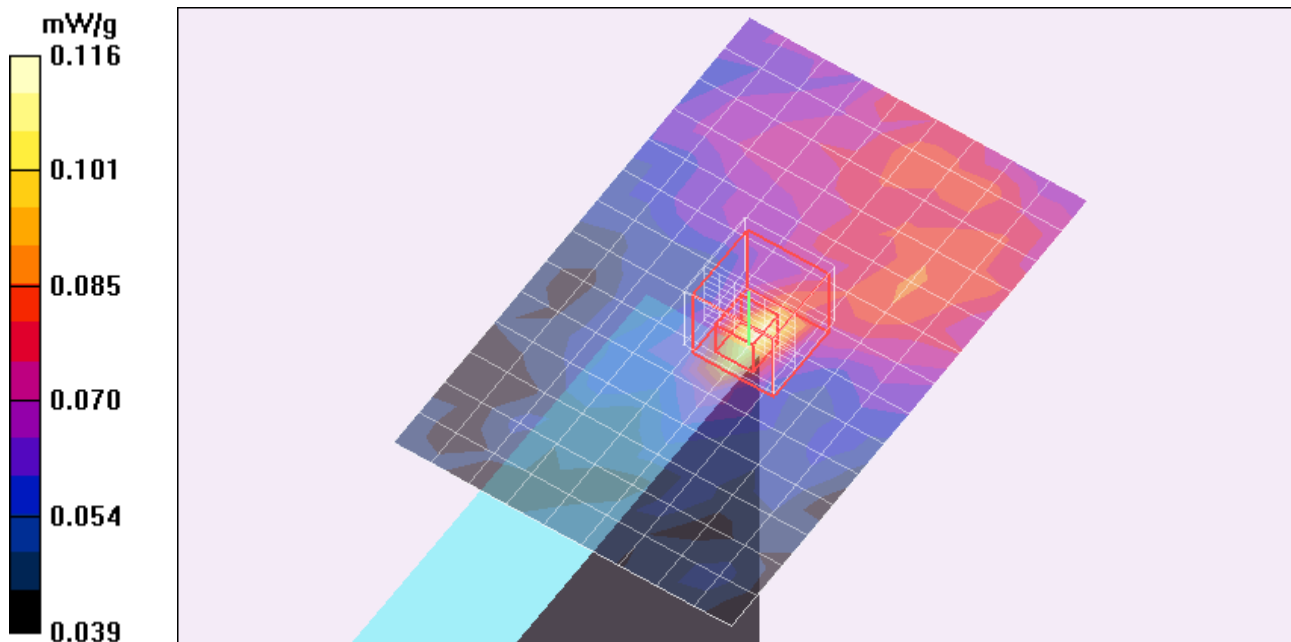
Reference Value = 2.85 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.435 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.064 mW/g**

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

Maximum value of SAR (measured) = 0.112 mW/g



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## Secondary Landscape

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.408

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 20M - M ch/Area Scan (10x15x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.076 mW/g

**802.11n MIMO 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

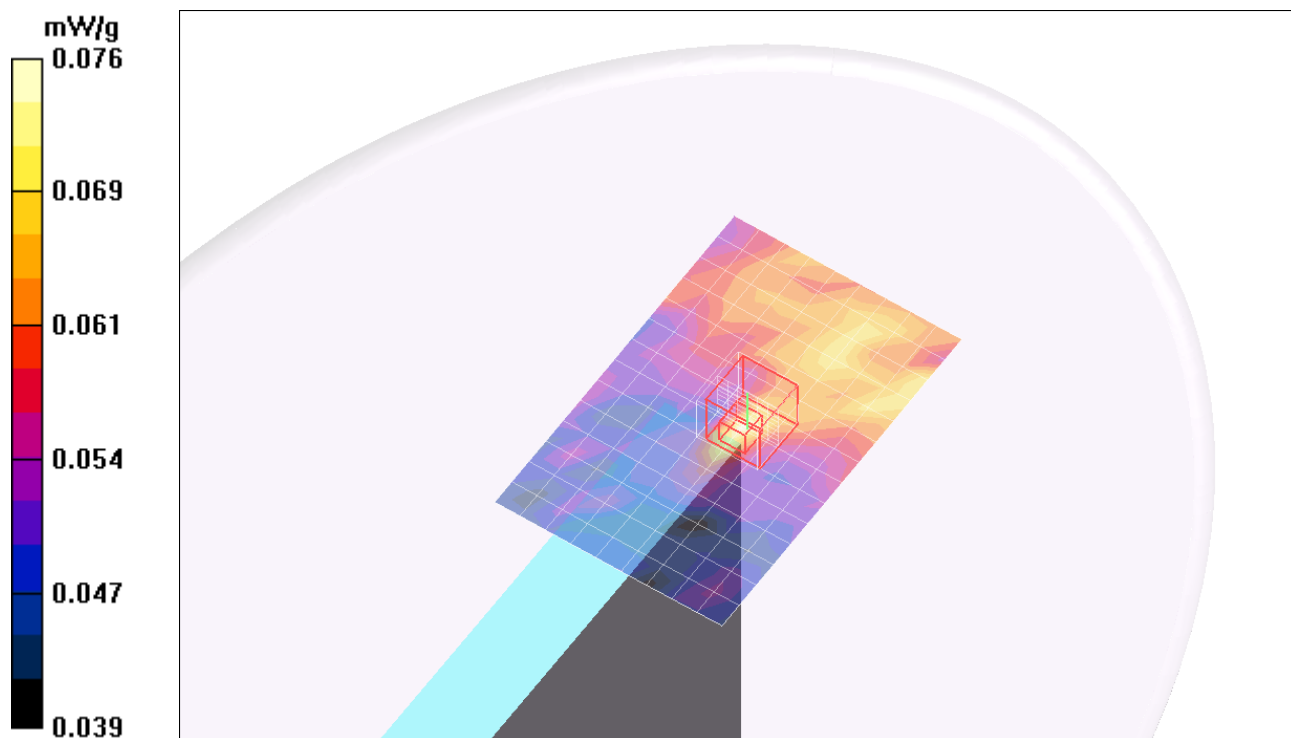
Reference Value = 4.26 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.199 W/kg

**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.060 mW/g**

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

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



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## Secondary Landscape

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.75

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 40M - M ch/Area Scan (10x15x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**802.11n MIMO 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

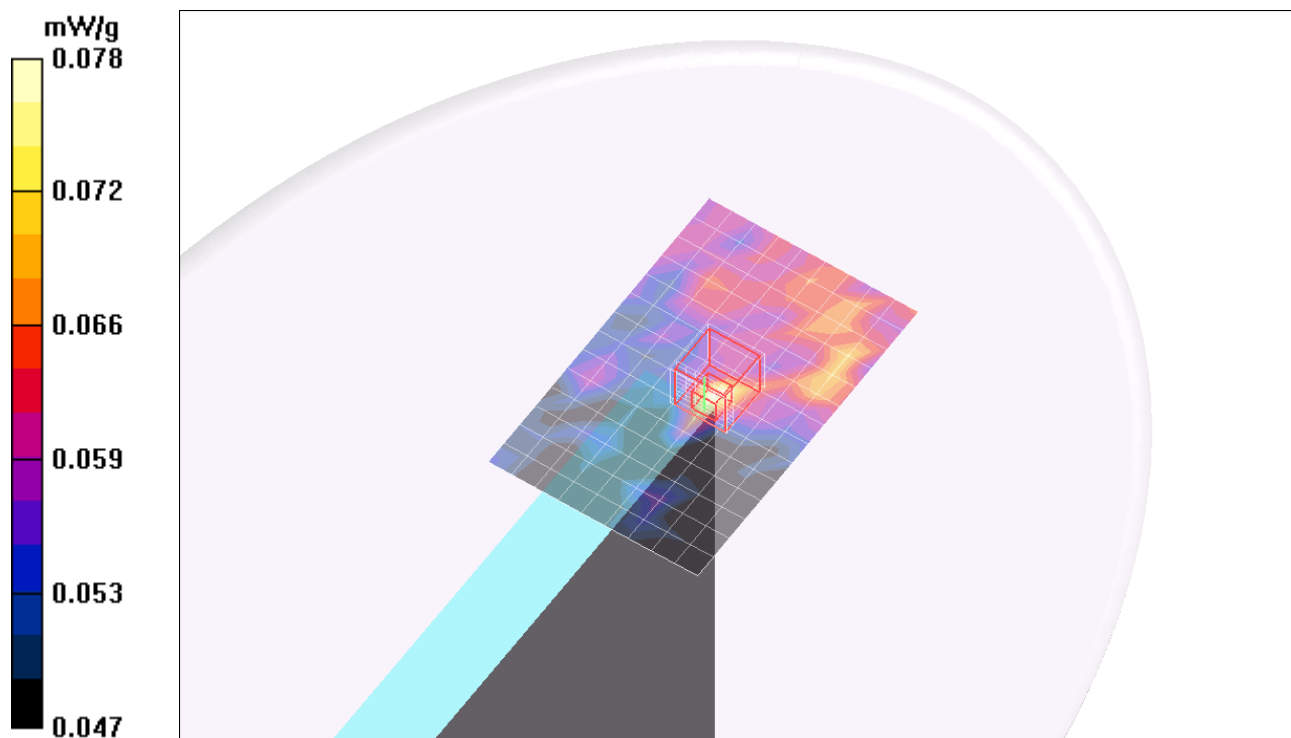
Reference Value = 3.88 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.265 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.061 mW/g**

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

Maximum value of SAR (measured) = 0.078 mW/g



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## Secondary Landscape

DUT: Think Pad X60 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11a - M ch/Area Scan (11x37x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.075 mW/g

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

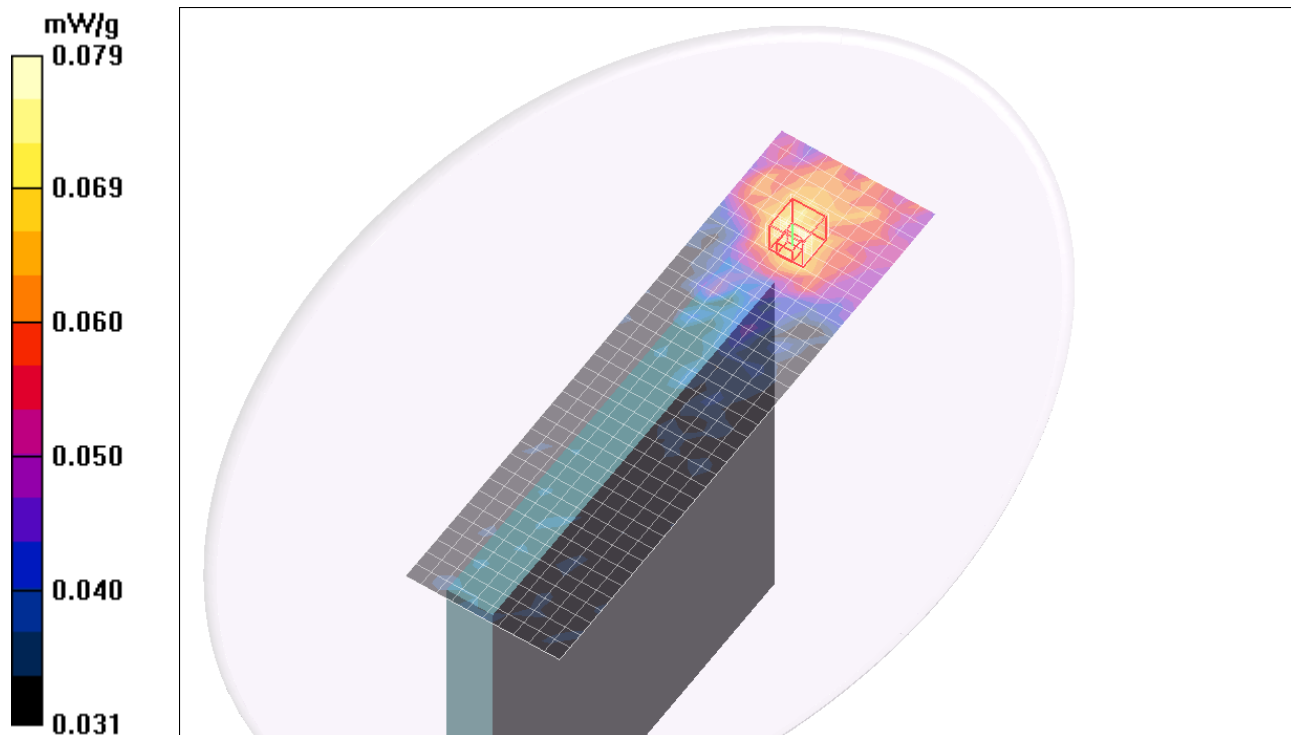
Reference Value = 2.78 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.210 W/kg

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.049 mW/g**

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

Maximum value of SAR (measured) = 0.079 mW/g



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## Secondary Landscape

DUT: Think Pad X60 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 20M - M ch/Area Scan (11x14x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**802.11n 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

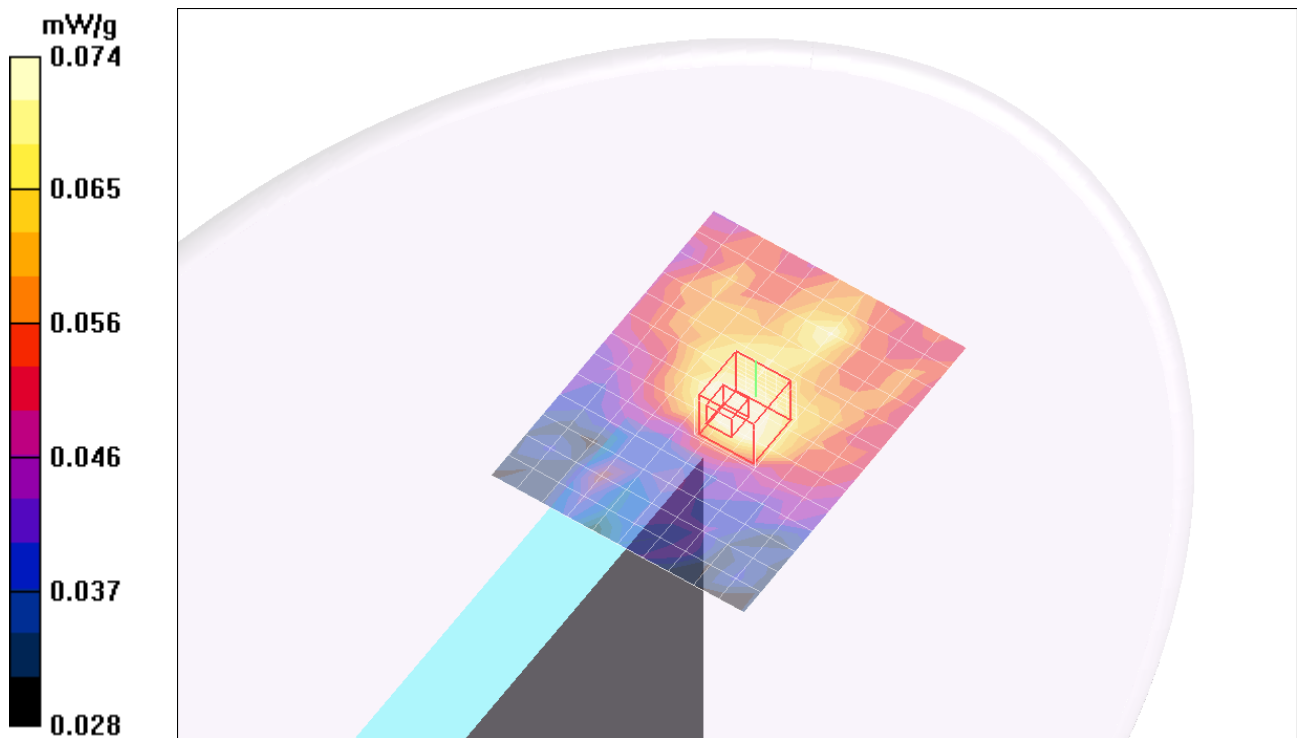
Reference Value = 3.80 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 0.190 W/kg

**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.047 mW/g**

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

Maximum value of SAR (measured) = 0.076 mW/g



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## Secondary Landscape

DUT: Think Pad X60 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.205

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 40M - M ch/Area Scan (11x14x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.073 mW/g

**802.11n 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

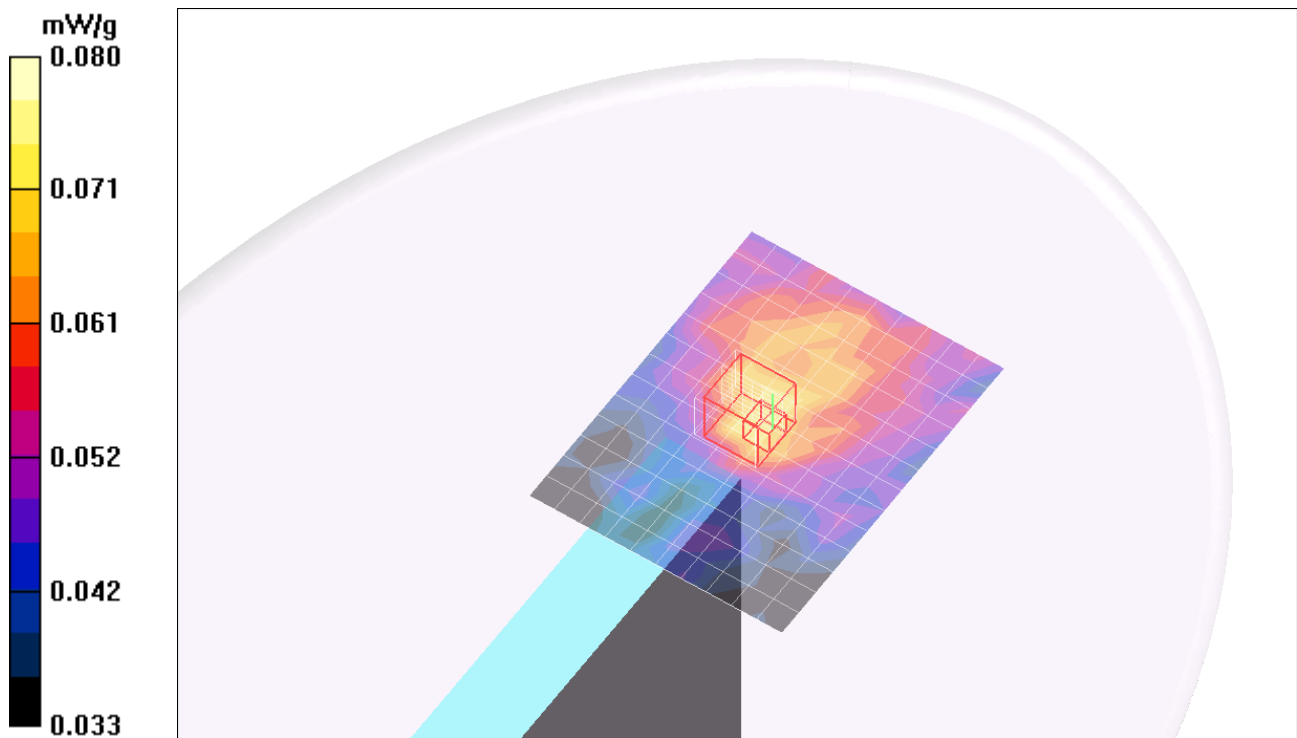
Reference Value = 3.78 V/m; Power Drift = 0.226 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.048 mW/g**

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

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





Test Laboratory: Compliance Certification Services

## Secondary Landscape

DUT: Think Pad X60 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.408

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 20M - M ch/Area Scan (11x14x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.053 mW/g

**802.11n MIMO 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

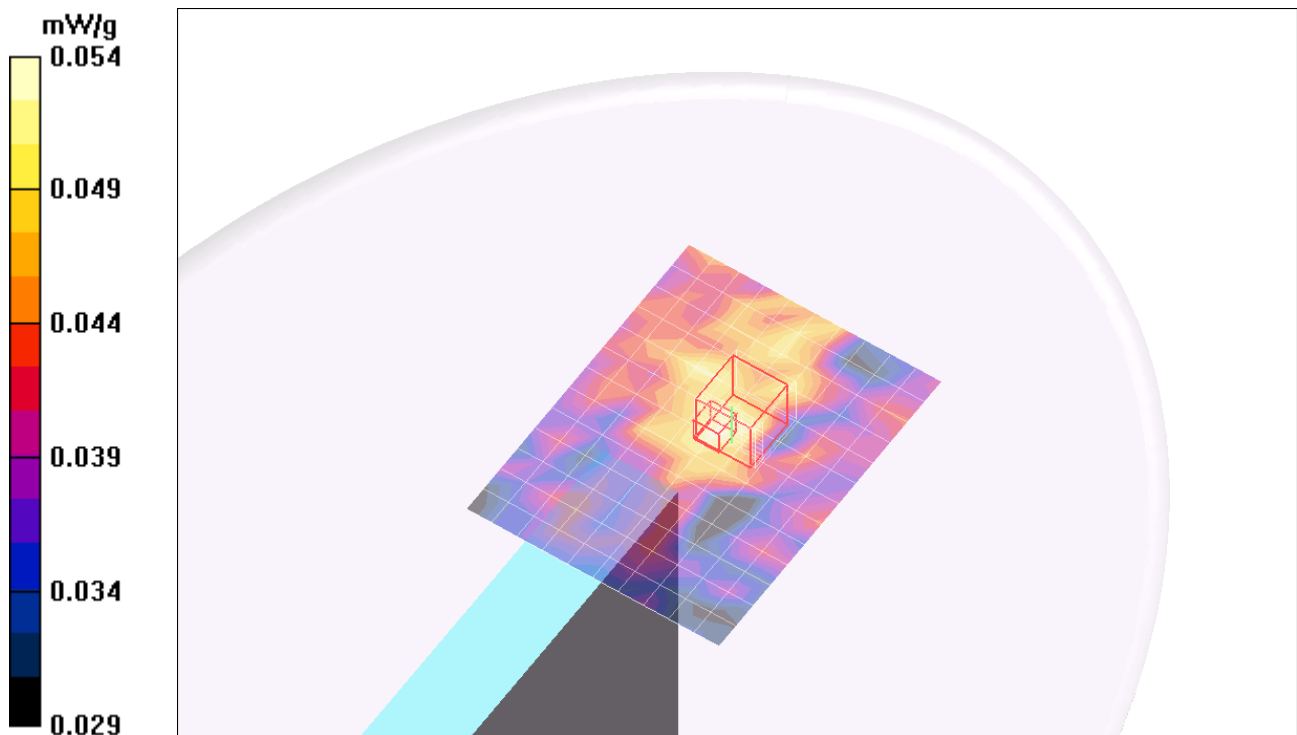
Reference Value = 3.21 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.092 W/kg

**SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.043 mW/g**

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

Maximum value of SAR (measured) = 0.054 mW/g



Test Laboratory: Compliance Certification Services

## Primary Portrait

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11a - M ch/Area Scan (11x37x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.164 mW/g

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

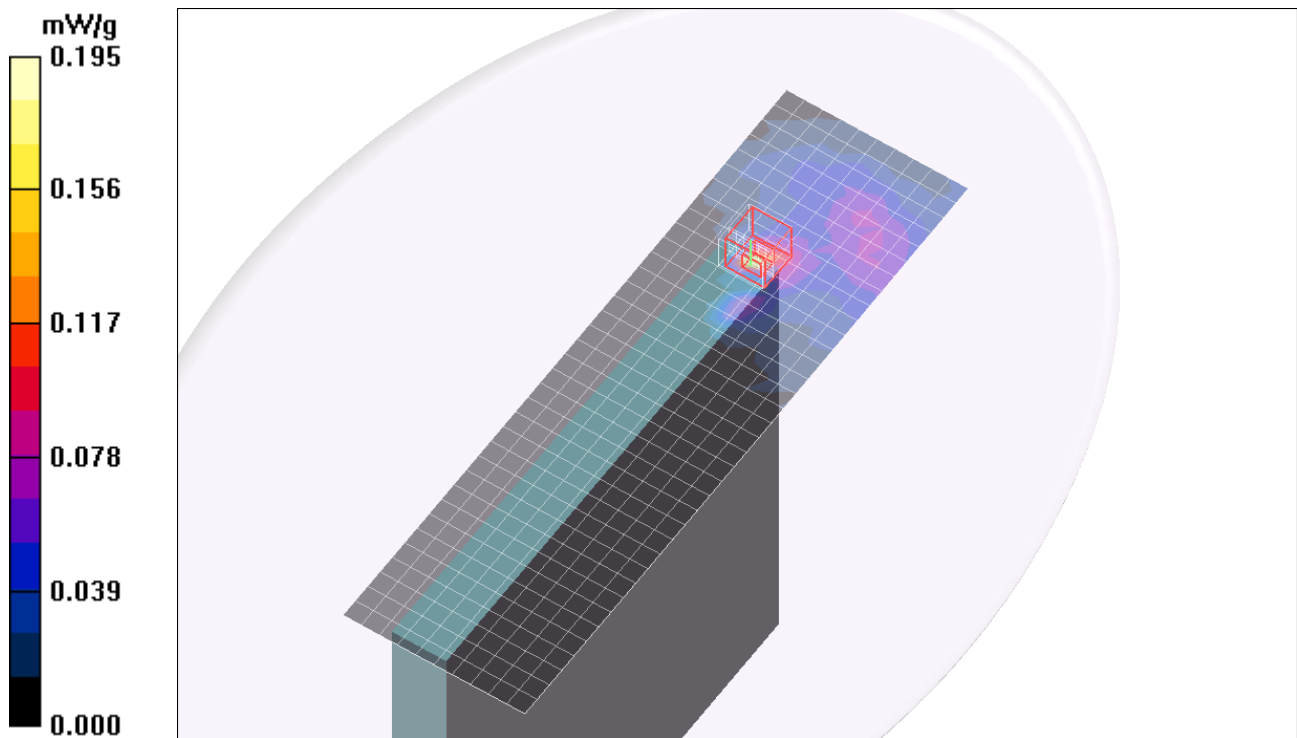
Reference Value = 0.300 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.353 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.025 mW/g**

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

Maximum value of SAR (measured) = 0.195 mW/g



Test Laboratory: Compliance Certification Services

## Primary Portrait

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 20M - M ch/Area Scan (11x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.161 mW/g

**802.11n 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

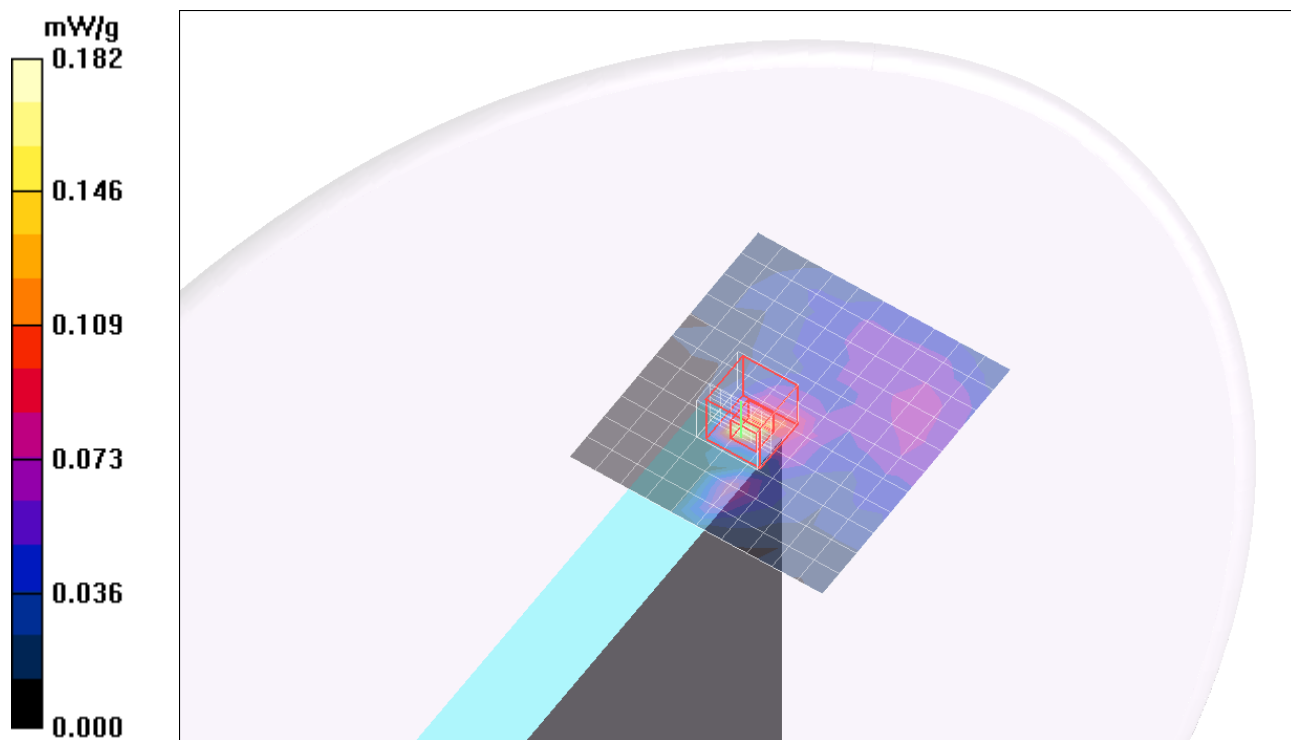
Reference Value = 6.55 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.026 mW/g**

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

Maximum value of SAR (measured) = 0.182 mW/g



Test Laboratory: Compliance Certification Services

## Primary Portrait

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.205

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.34$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 40M - M ch/Area Scan (11x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.154 mW/g

**802.11n 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

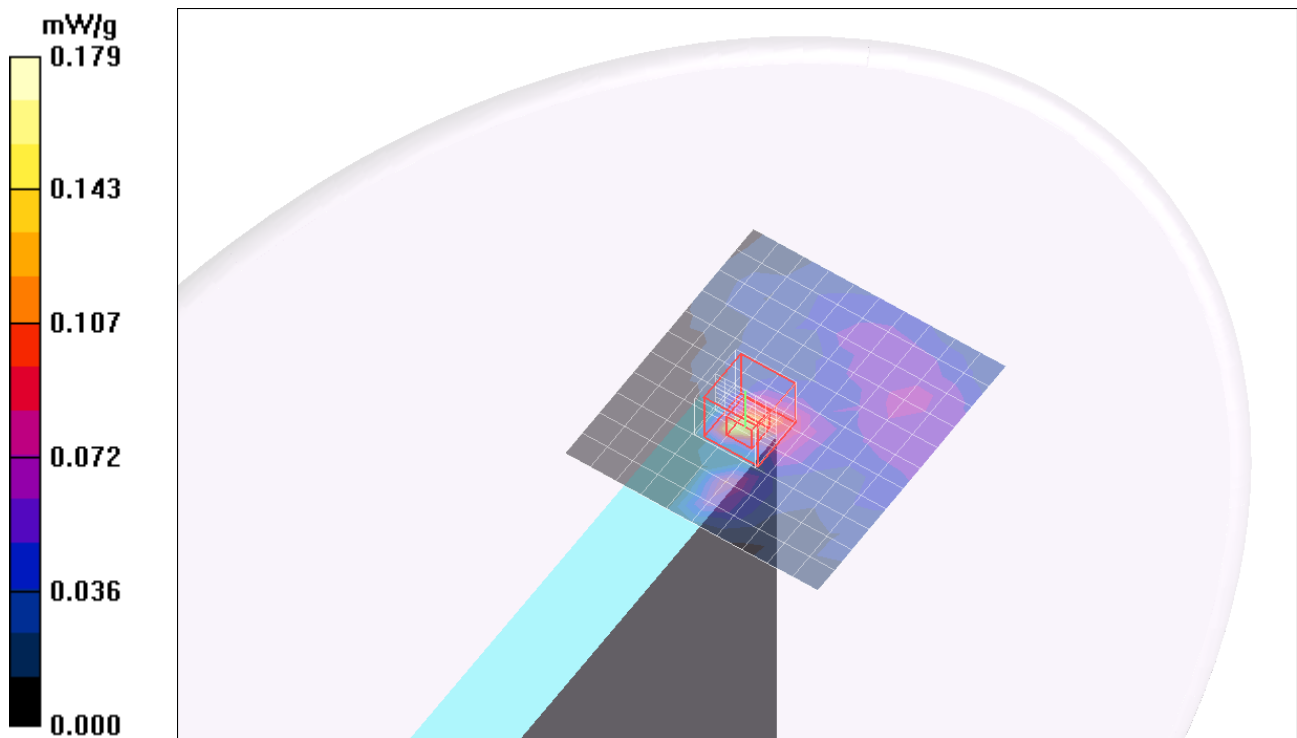
Reference Value = 6.16 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.345 W/kg

**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.026 mW/g**

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

Maximum value of SAR (measured) = 0.179 mW/g



Test Laboratory: Compliance Certification Services

## Primary Portrait

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.408

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 20M - M ch/Area Scan (11x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.055 mW/g

**802.11n MIMO 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

dz=2.5mm

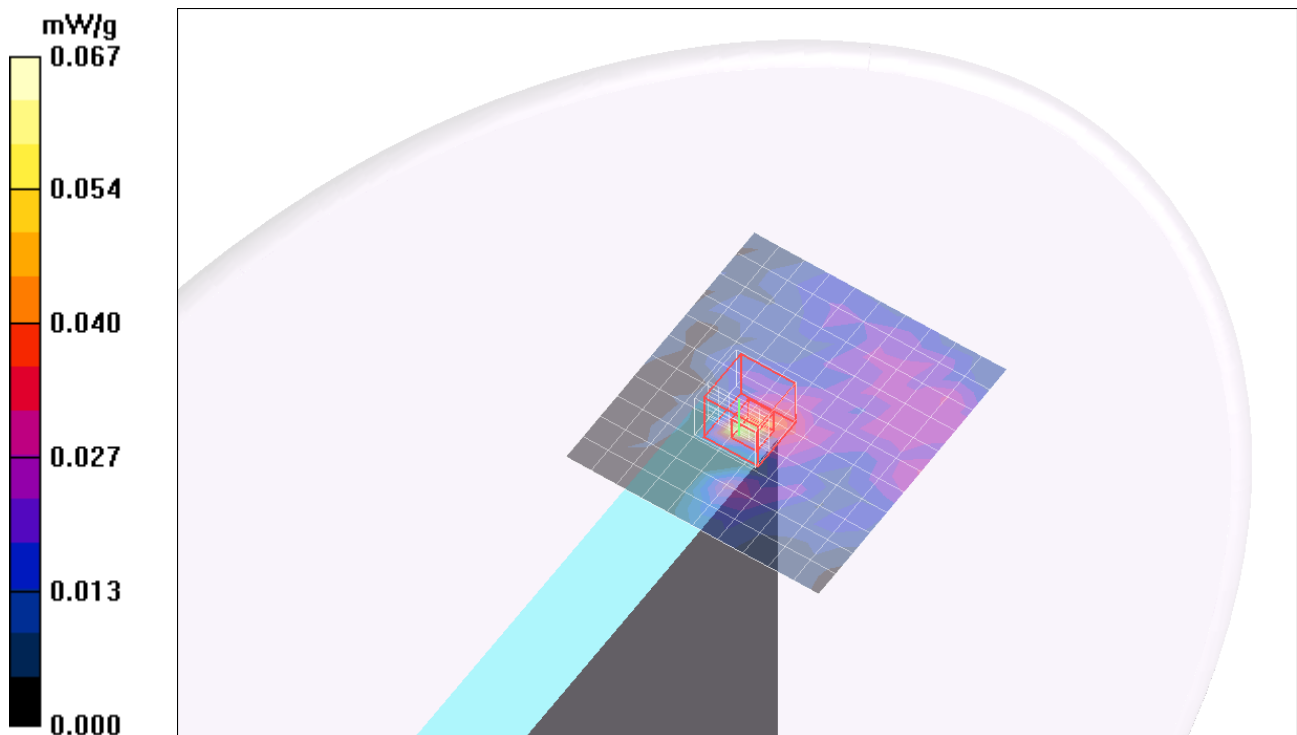
Reference Value = 3.88 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.010 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Primary Portrait

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.75

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.34$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 40M - M ch/Area Scan (11x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.060 mW/g

**802.11n MIMO 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

dz=2.5mm

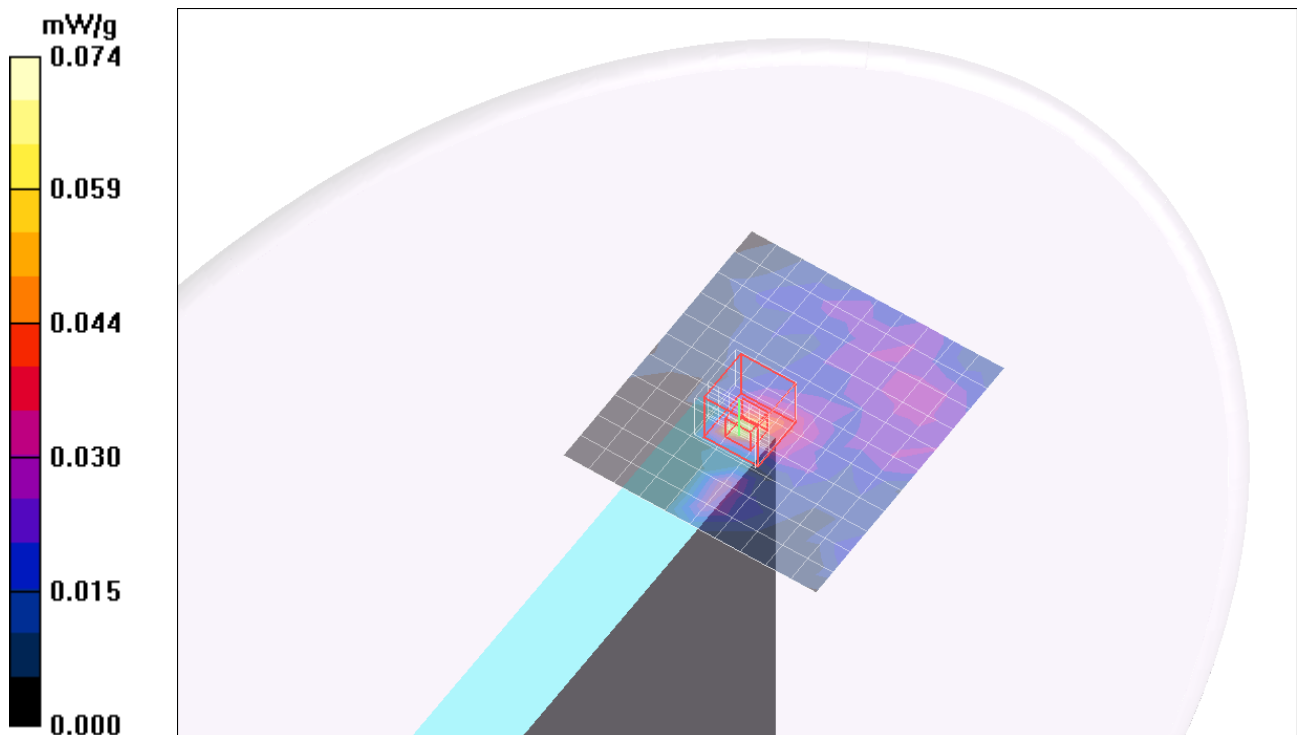
Reference Value = 4.05 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.012 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Lap Held - Main Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11a - M ch/Area Scan (19x31x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.161 mW/g

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

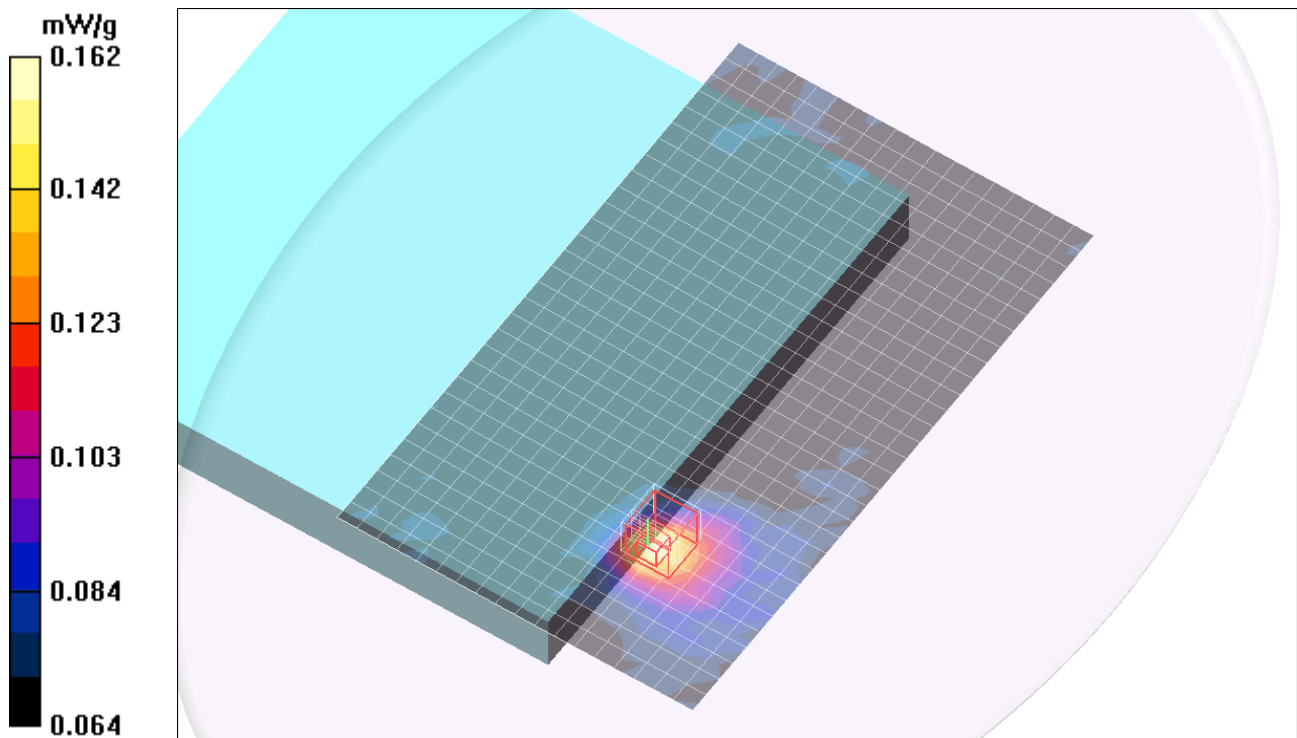
Reference Value = 3.54 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.298 W/kg

**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.097 mW/g**

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

Maximum value of SAR (measured) = 0.162 mW/g



Test Laboratory: Compliance Certification Services

### Lap Held - Main Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098  
Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
  - Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
  - Sensor-Surface: 2mm (Mechanical Surface Detection)
  - Electronics: DAE3 Sn427; Calibrated: 11/16/2006
  - Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
  - Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### 802.11n 20M - M ch/Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.159 mW/g

### 802.11n 20M - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

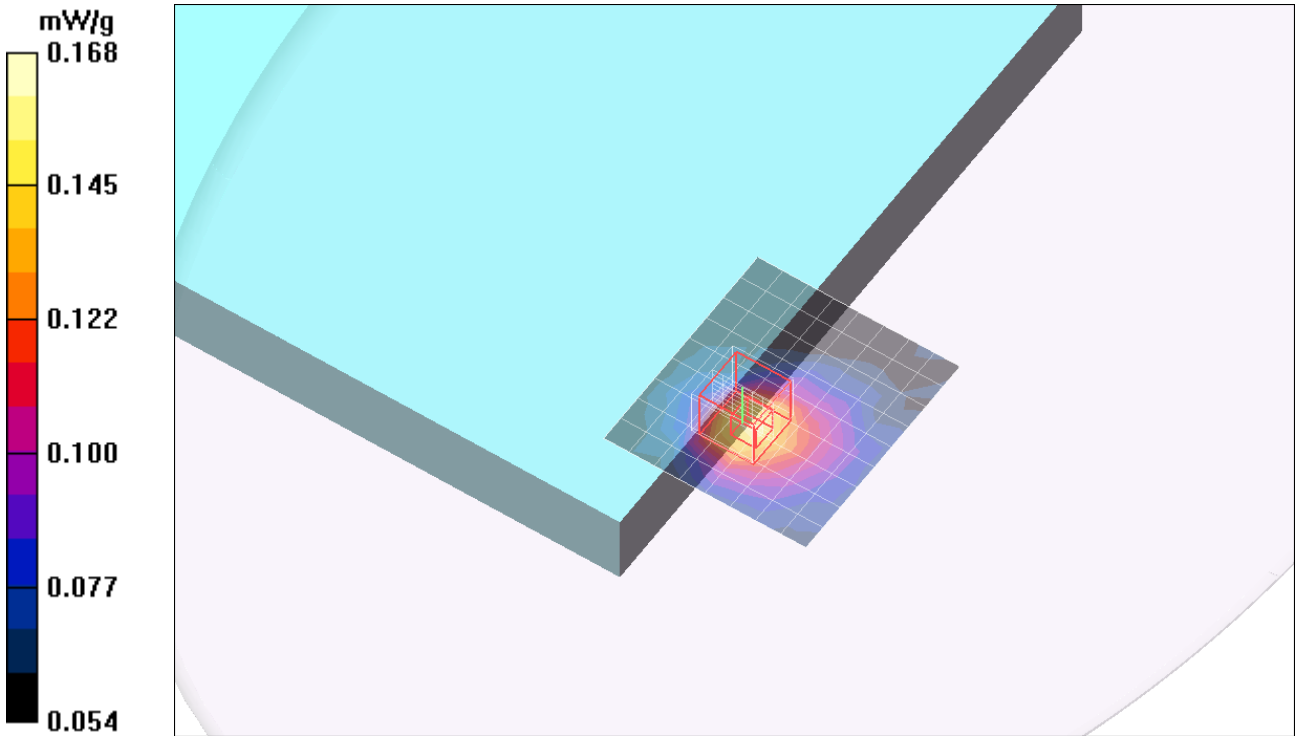
Reference Value = 3.30 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.086 mW/g**

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

Maximum value of SAR (measured) = 0.168 mW/g





Test Laboratory: Compliance Certification Services

### Lap Held - Main Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.205  
Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.43$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### 802.11n 40M - M ch/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.159 mW/g

### 802.11n 40M - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

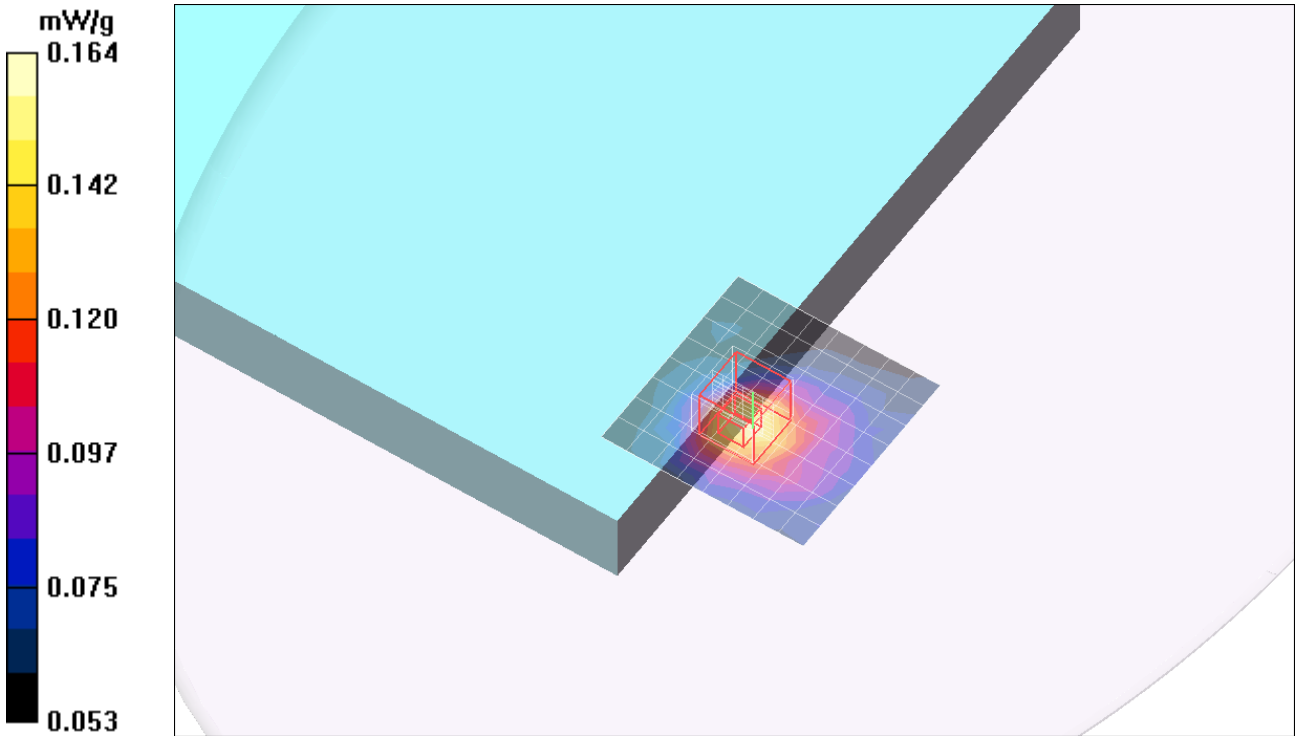
Reference Value = 5.82 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.086 mW/g**

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

Maximum value of SAR (measured) = 0.164 mW/g



Test Laboratory: Compliance Certification Services

## Lap Held - Main Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.205

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.43$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 40M - M ch (Co-Tx with BT)/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.161 mW/g

**802.11n 40M - M ch (Co-Tx with BT)/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

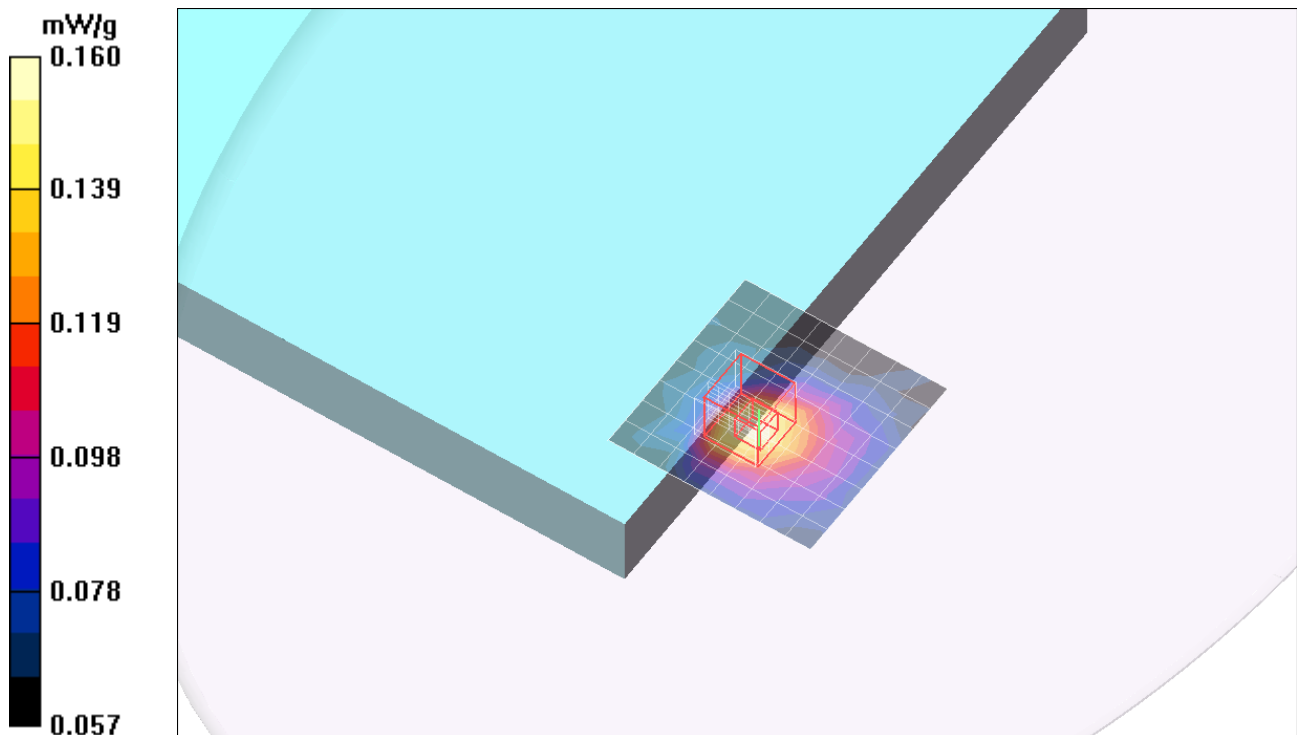
Reference Value = 5.80 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.087 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Lap Held - Main Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 20M - M ch/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**802.11n MIMO 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

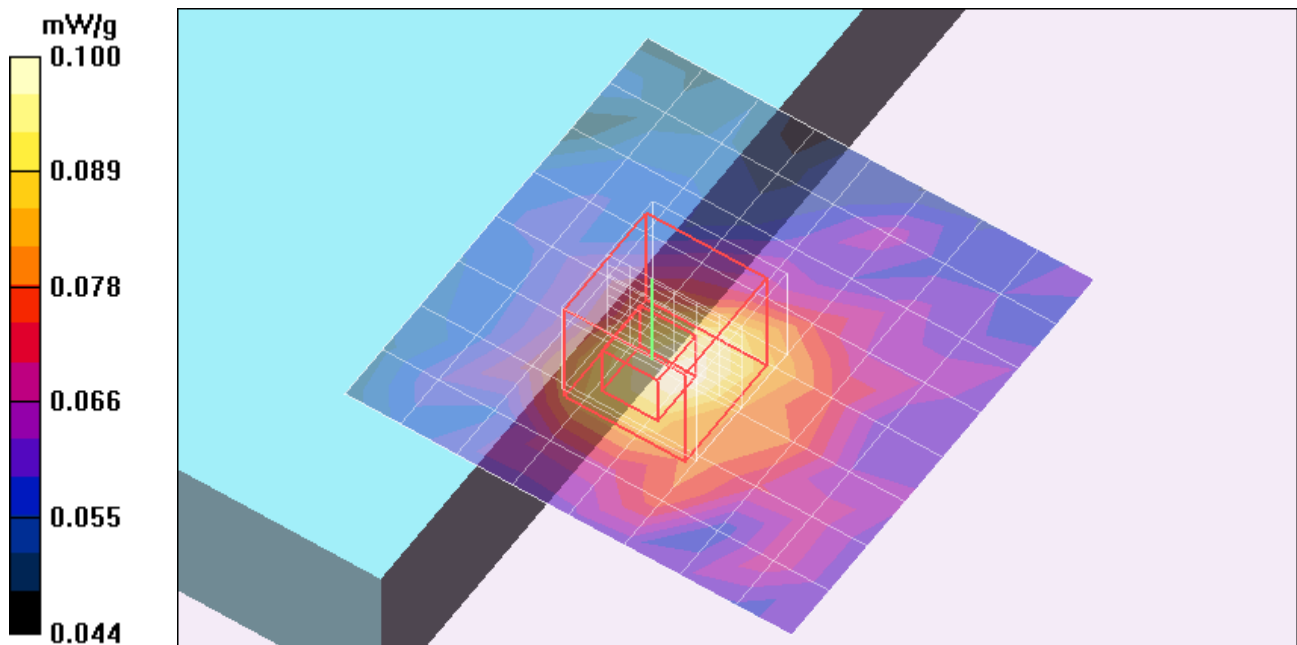
Reference Value = 4.48 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.071 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Lap Held - Main Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.75

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.43$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 40M - M ch/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.102 mW/g

**802.11n MIMO 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

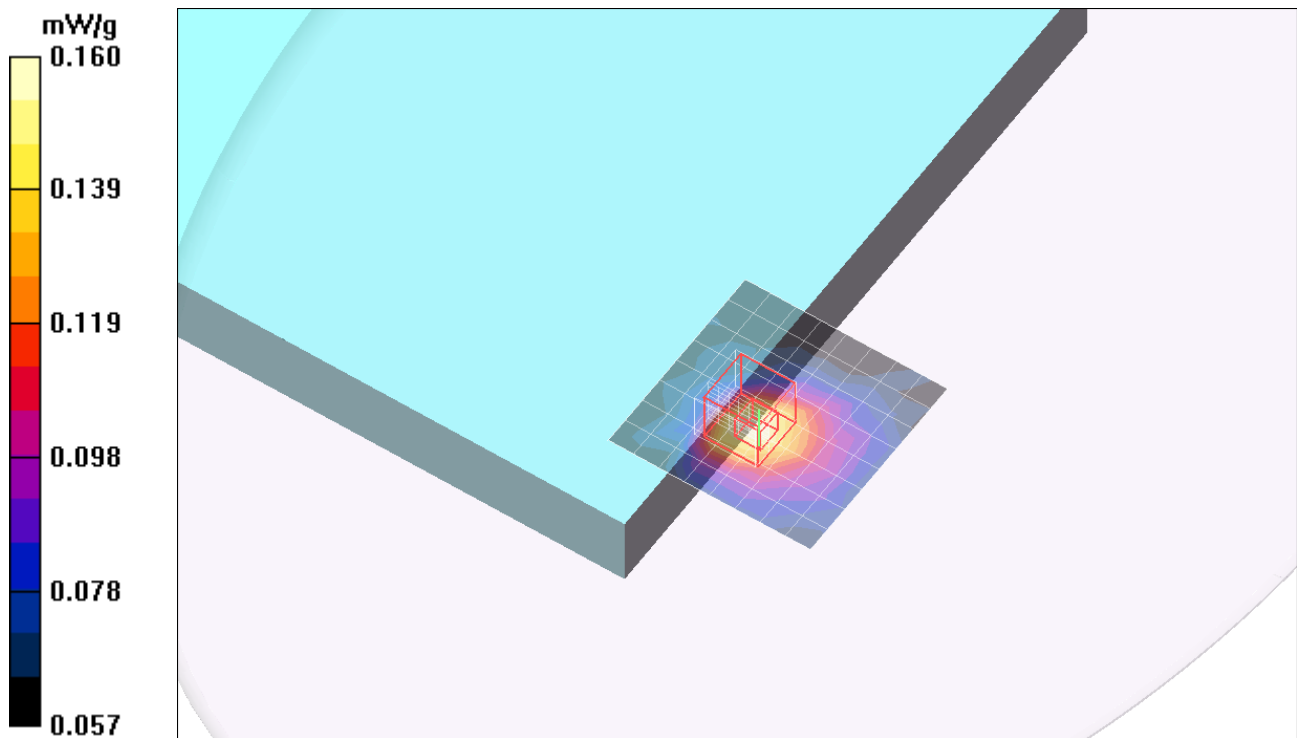
dz=2.5mm

Reference Value = 4.50 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 0.268 W/kg

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.073 mW/g**

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



Test Laboratory: Compliance Certification Services

## Lap Held - Main Antenna

DUT: Think Pad X60 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11a - M ch/Area Scan (14x14x1):** Measurement grid: dx=10mm, dy=10mm

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

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

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

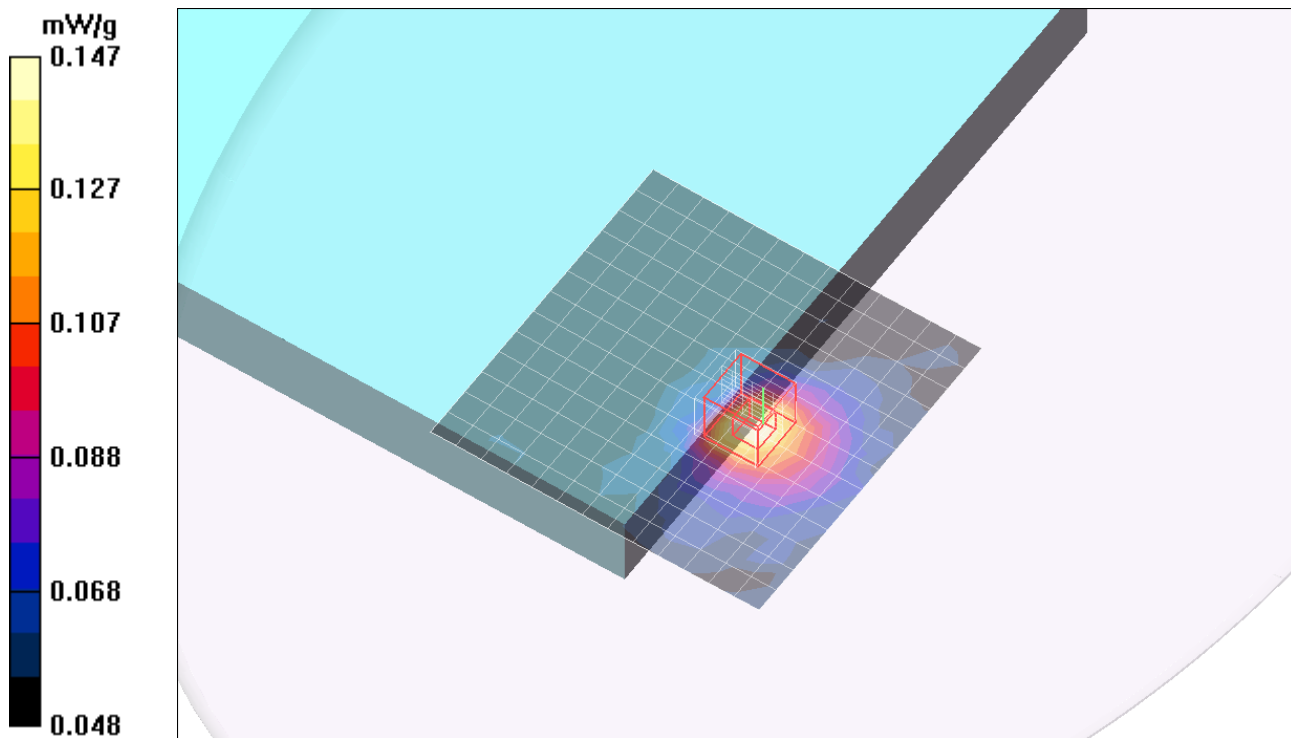
Reference Value = 3.12 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.259 W/kg

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.078 mW/g**

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

Maximum value of SAR (measured) = 0.147 mW/g



Test Laboratory: Compliance Certification Services

## Lap Held - Main Antenna

DUT: Think Pad X60 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.205

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.43$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 40M - M ch/Area Scan (10x14x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.133 mW/g

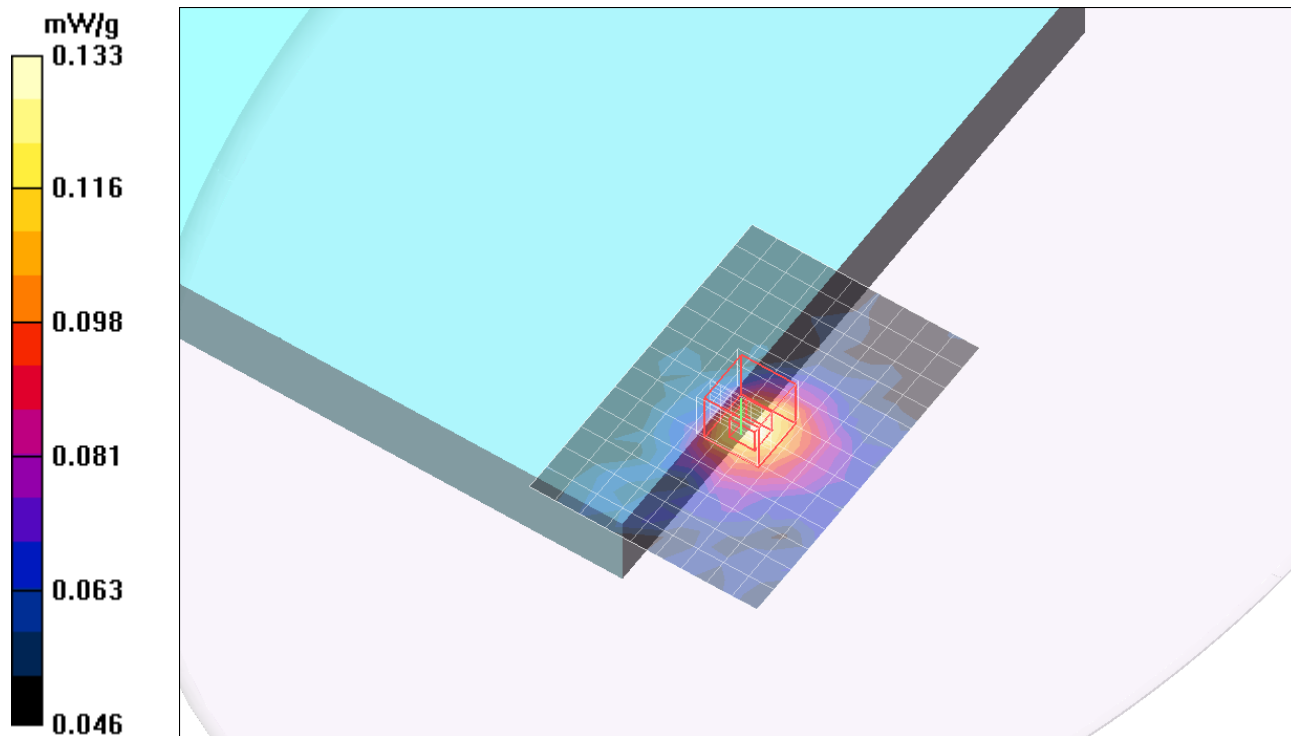
**802.11n 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.03 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.263 W/kg

**SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.075 mW/g**

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



Test Laboratory: Compliance Certification Services

## Lap Held - AUX Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11a - M ch/Area Scan (16x30x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.162 mW/g

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

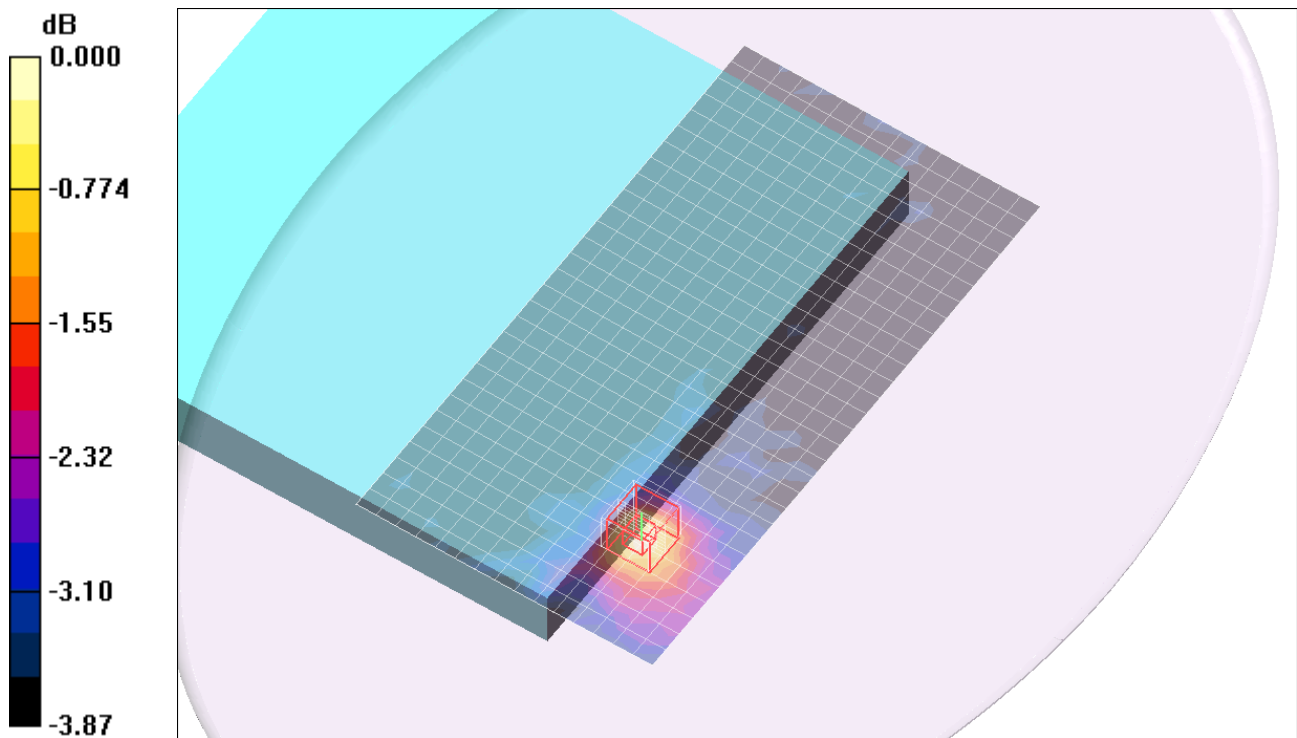
Reference Value = 3.77 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.096 mW/g**

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

Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.161mW/g

Test Laboratory: Compliance Certification Services

## Lap Held - AUX Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11a - M ch with BT/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.164 mW/g

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

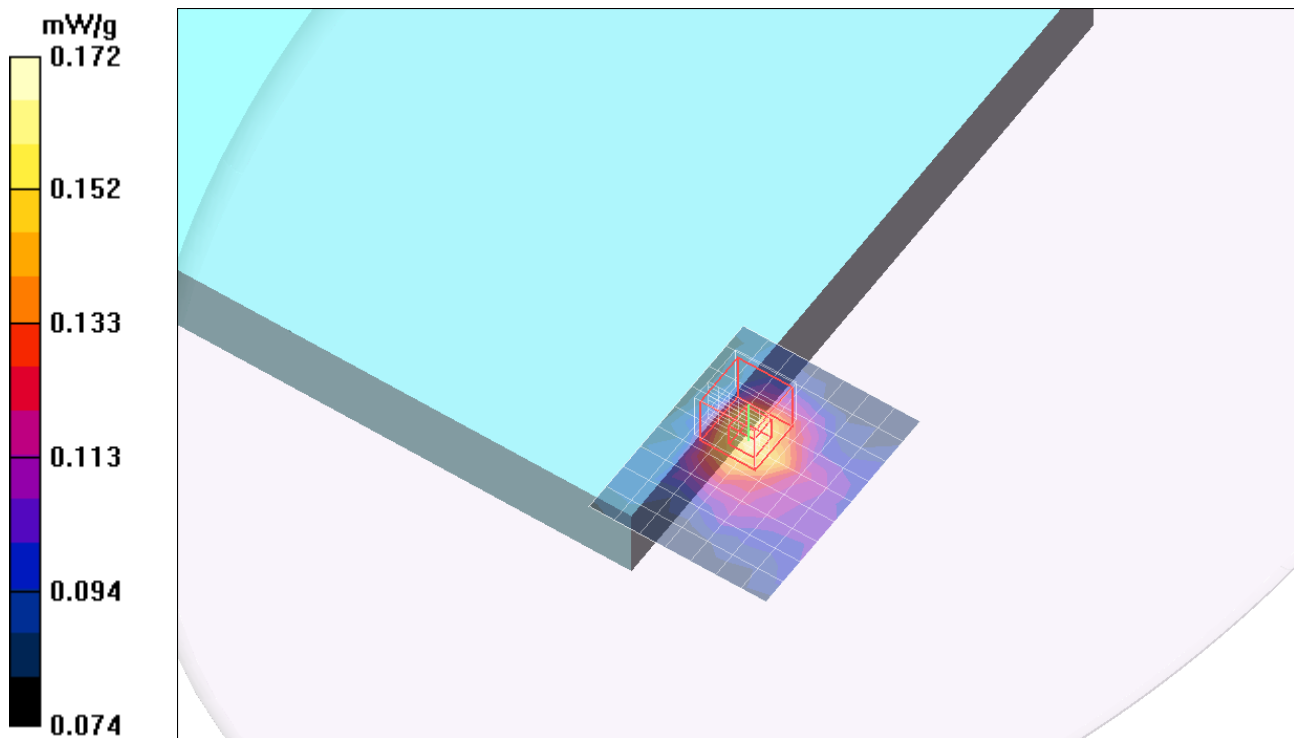
Reference Value = 5.81 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.102 mW/g**

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

Maximum value of SAR (measured) = 0.172 mW/g





Test Laboratory: Compliance Certification Services

## Lap Held - AUX Antenna

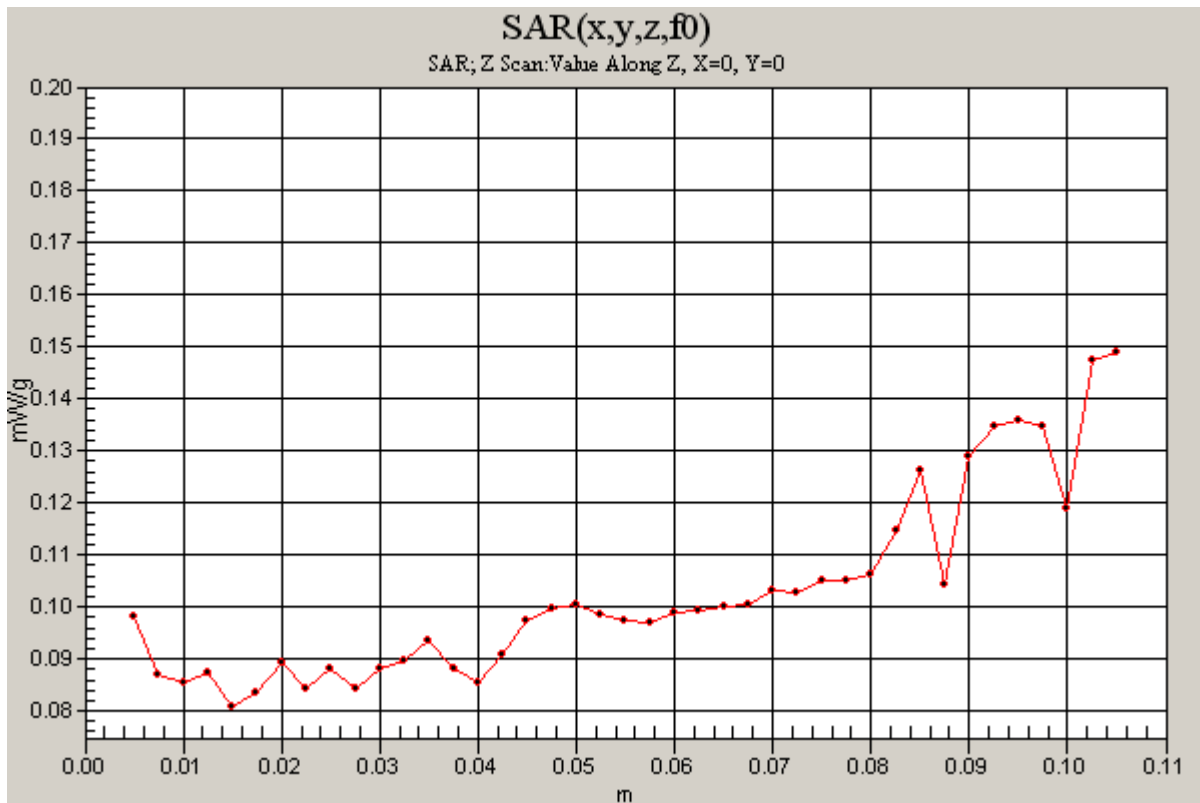
DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

**802.11a - M ch with BT/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) = 0.149 mW/g



Test Laboratory: Compliance Certification Services

## Lap Held - AUX Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.098

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 20M - M ch/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.142 mW/g

**802.11n 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

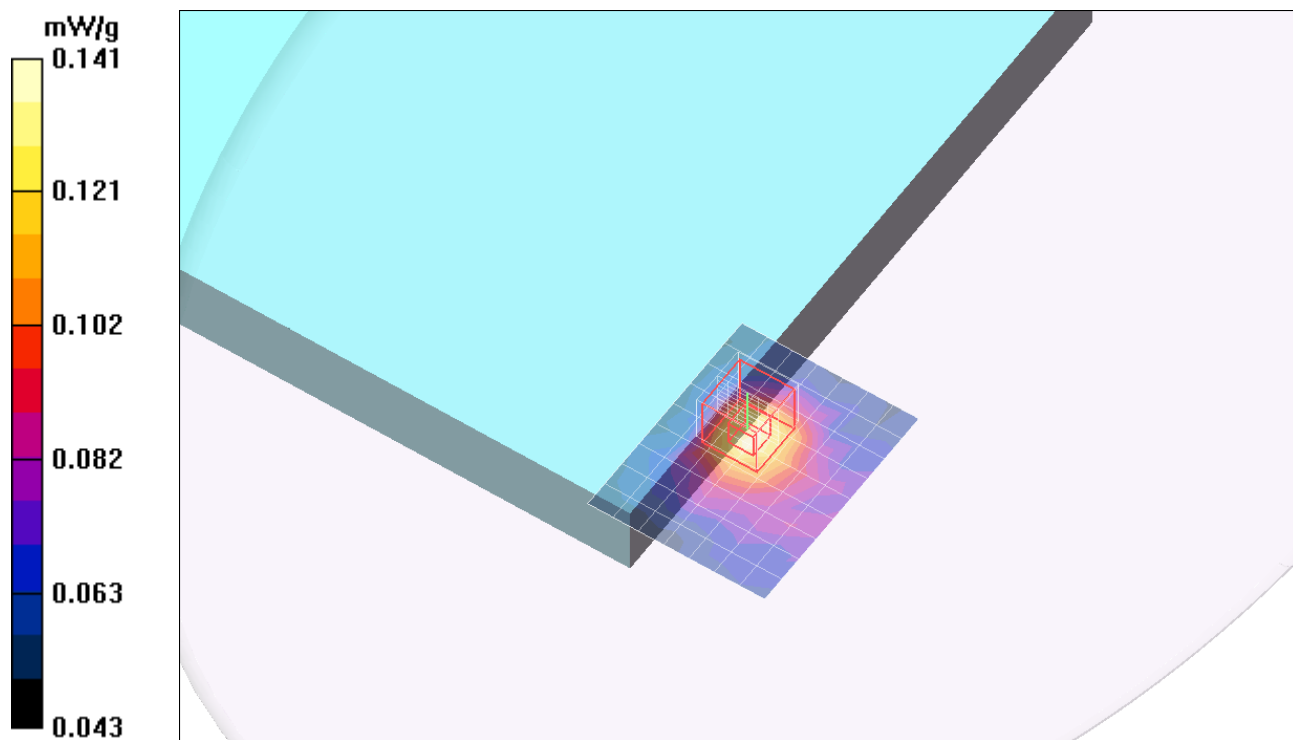
Reference Value = 5.45 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.073 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Lap Held - AUX Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.205

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.43$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n 40M - M ch/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.123 mW/g

**802.11n 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

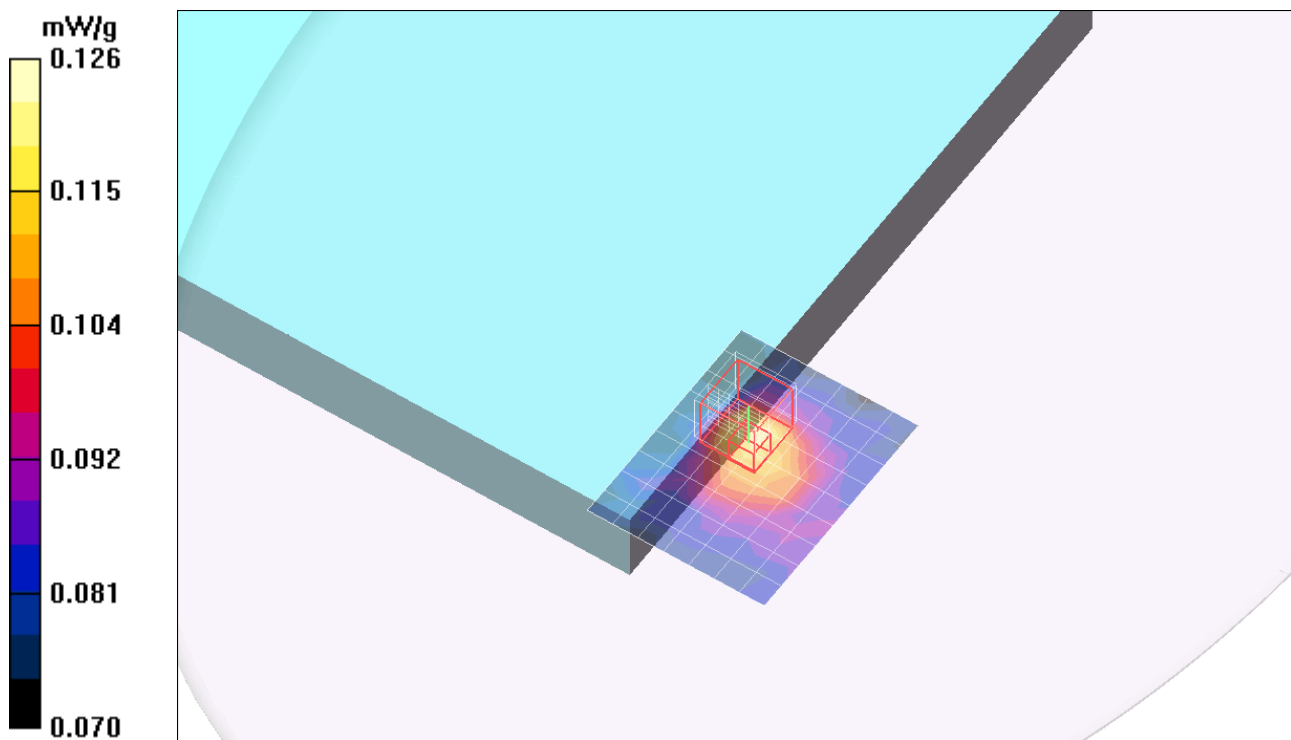
Reference Value = 5.06 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.213 W/kg

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.089 mW/g**

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

Maximum value of SAR (measured) = 0.126 mW/g



Test Laboratory: Compliance Certification Services

## Lap Held - AUX Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5260 MHz; Duty Cycle: 1:1.408

Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 20M - M ch/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**802.11n MIMO 20M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

dz=2.5mm

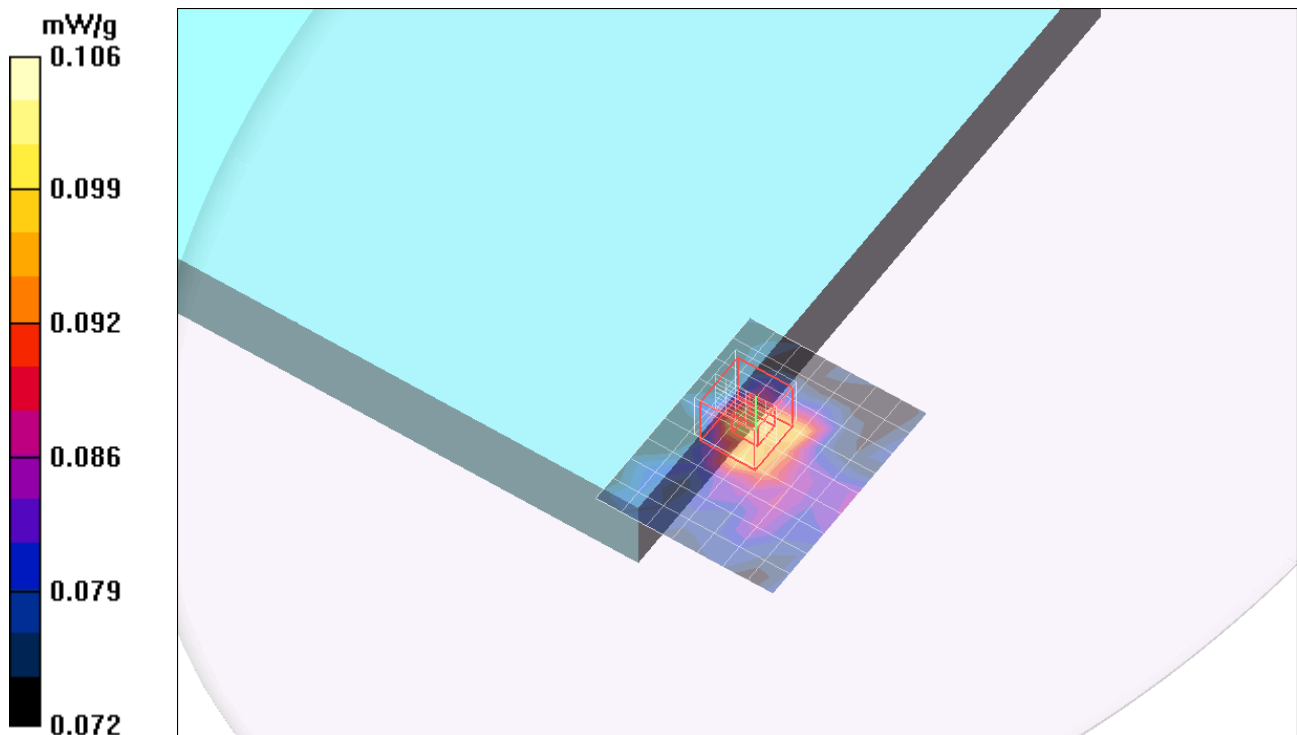
Reference Value = 4.63 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.085 mW/g**

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

Maximum value of SAR (measured) = 0.106 mW/g



Test Laboratory: Compliance Certification Services

## Lap Held - AUX Antenna

DUT: Think Pad X61 Tablet; Type: Tablet; Serial: N/A

Communication System: 5200 band; Frequency: 5270 MHz; Duty Cycle: 1:1.75

Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.43$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  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 peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.07, 4.07, 4.07); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**802.11n MIMO 40M - M ch/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**802.11n MIMO 40M - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.71 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.177 W/kg

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.087 mW/g**

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

