

Test Laboratory: Compliance Certification Services

Lap-Held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

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 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron - Acon AUX Antenna - B mode - M ch/Area Scan (10x14x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.103 mW/g

Inspiron - Acon AUX Antenna - B mode - M ch/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm

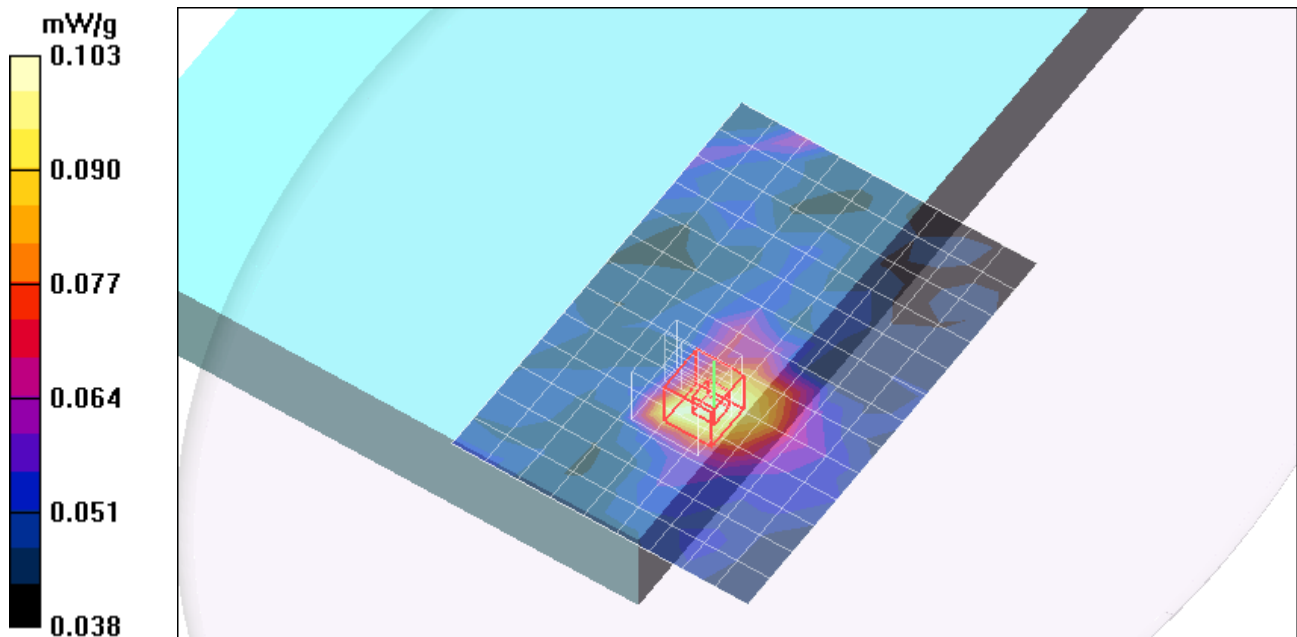
Reference Value = 5.22 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.081 mW/g

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

Maximum value of SAR (measured) = 0.119 mW/g



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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 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron - Acon AUX Antenna - B mode - M ch (Co-Tx)/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

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

Inspiron - Acon AUX Antenna - B mode - M ch (Co-Tx)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

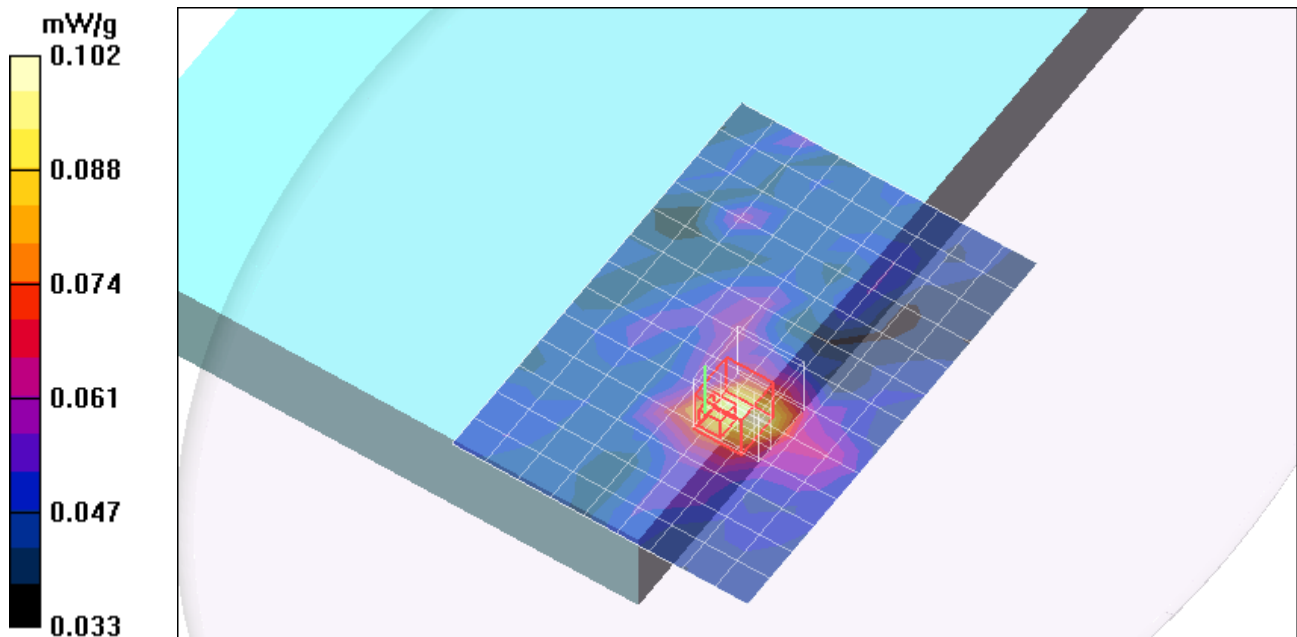
Reference Value = 7.56 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.073 mW/g

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

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



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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 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron - WNC AUX Antenna - B mode - M ch/Area Scan (10x14x1): Measurement grid:

dx=15mm, dy=15mm

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

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

Inspiron - WNC AUX Antenna - B mode - M ch/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm

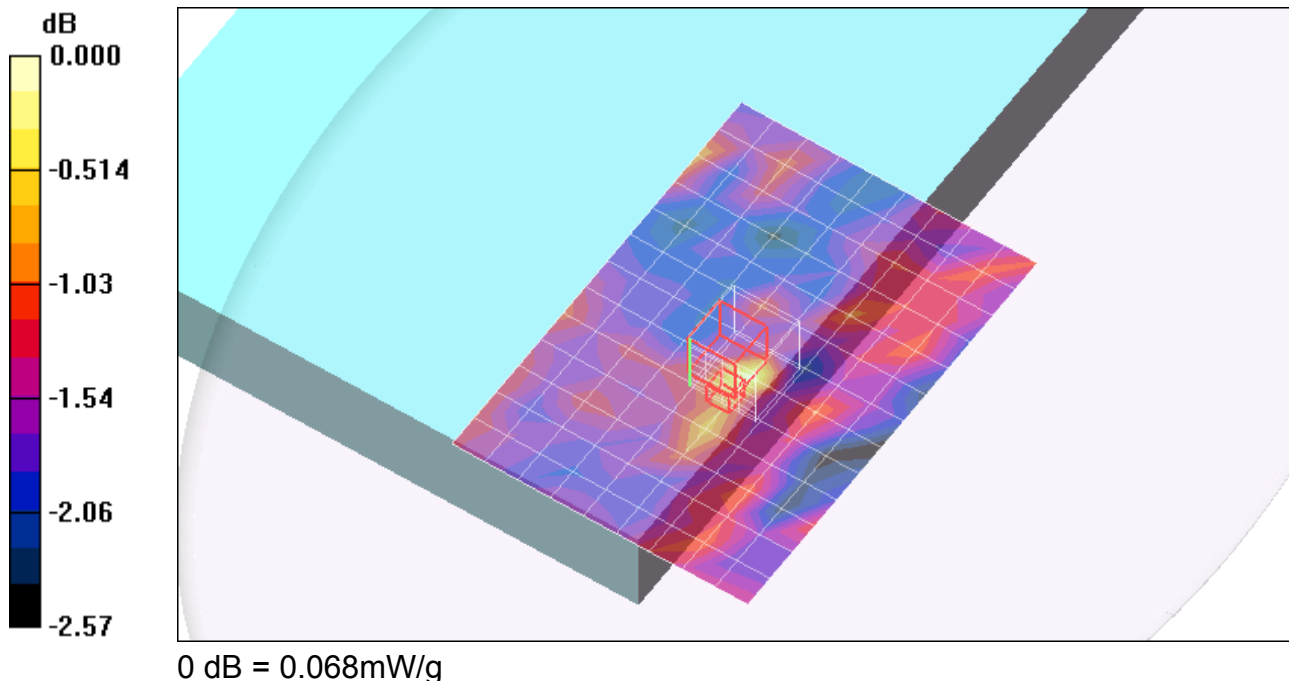
Reference Value = 5.03 V/m; Power Drift = 0.324 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.053 mW/g

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

Maximum value of SAR (measured) = 0.068 mW/g



Test Laboratory: Compliance Certification Services

Lap-Held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

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 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS - Acon AUX Antenna - B mode - M ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

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

XPS - Acon AUX Antenna - B mode - M ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

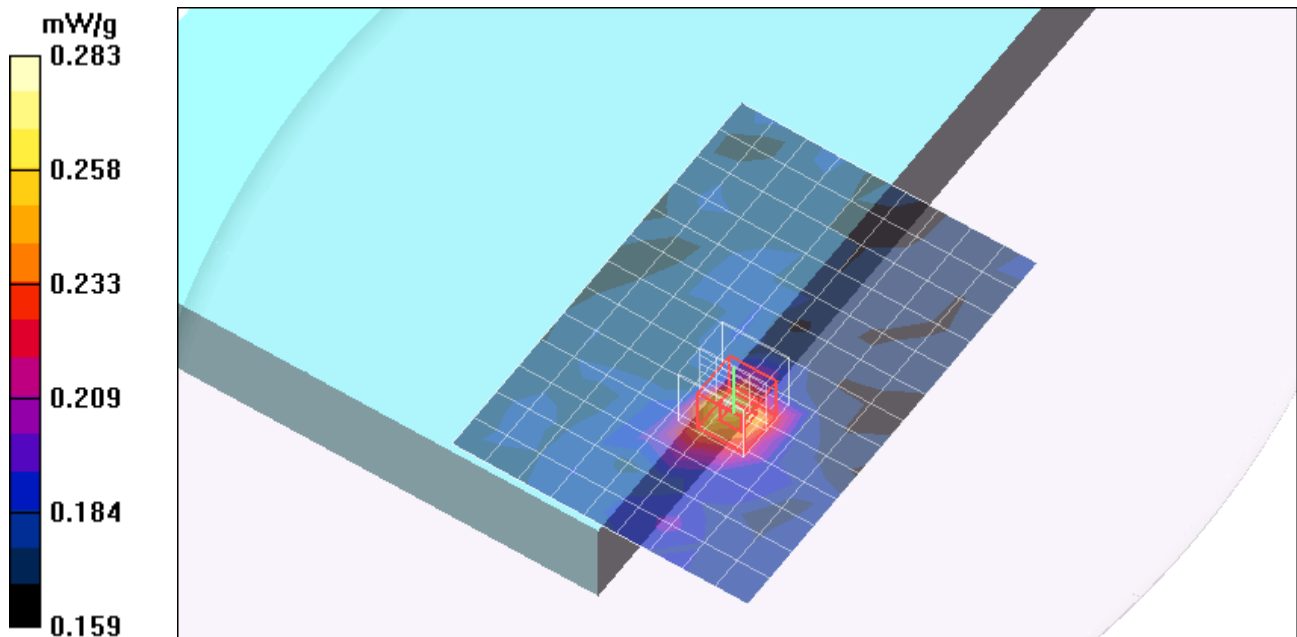
Reference Value = 9.95 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.234 mW/g

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

Maximum value of SAR (measured) = 0.312 mW/g



Test Laboratory: Compliance Certification Services

Lap-Held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

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 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS - Acon AUX Antenna - B mode - M ch (Co-Tx)/Area Scan (10x14x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.275 mW/g

XPS - Acon AUX Antenna - B mode - M ch (Co-Tx)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

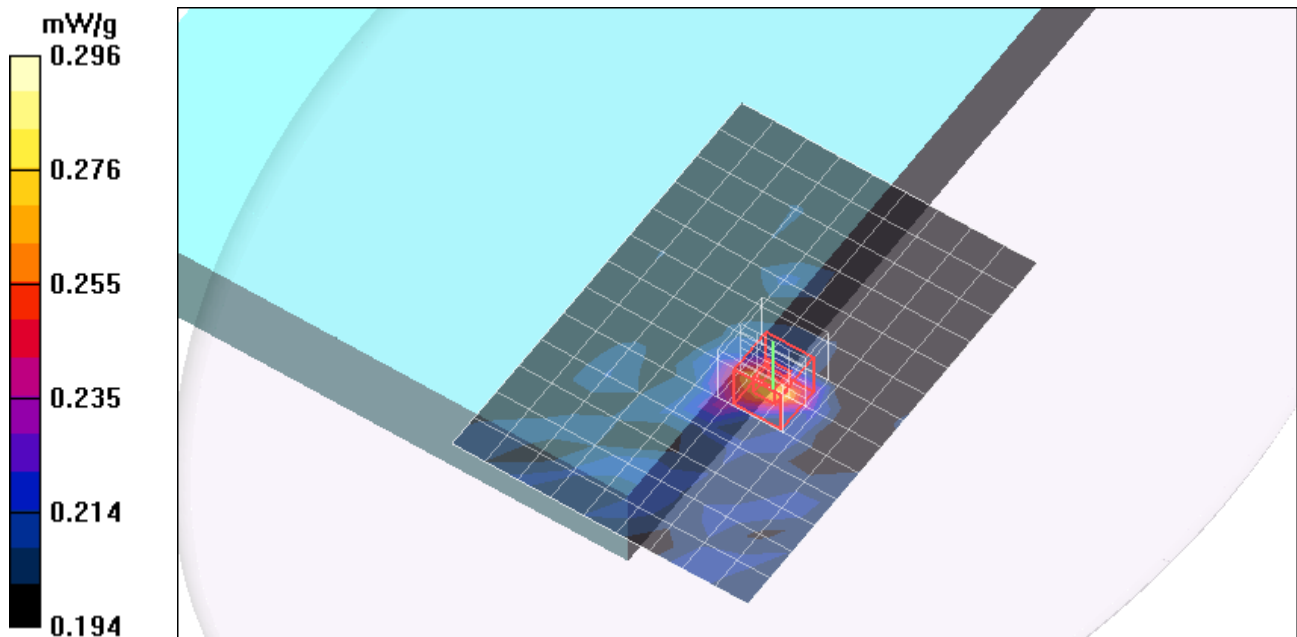
Reference Value = 10.4 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.250 mW/g

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

Maximum value of SAR (measured) = 0.296 mW/g



Test Laboratory: Compliance Certification Services

Lap-Held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

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 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (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 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS - WNC AUX Antenna - B mode - M ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.199 mW/g

XPS - WNC AUX Antenna - B mode - M ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

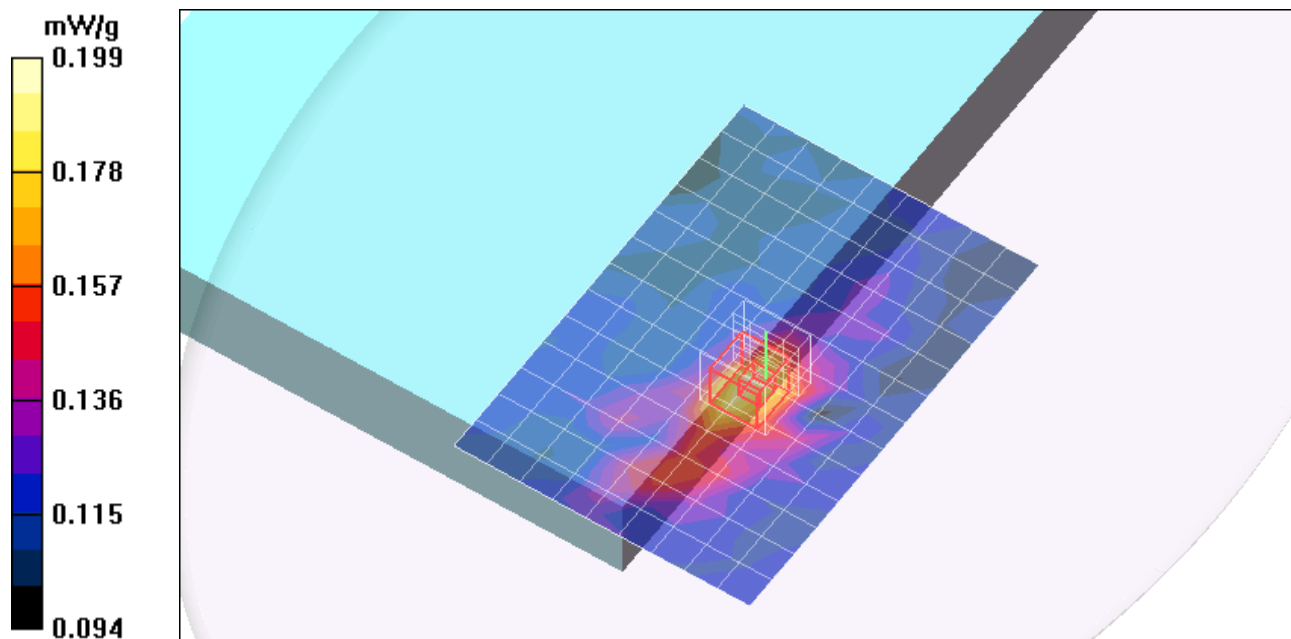
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.53 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.157 mW/g

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



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron Acon AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid:

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

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

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

Inspiron Acon AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

$dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

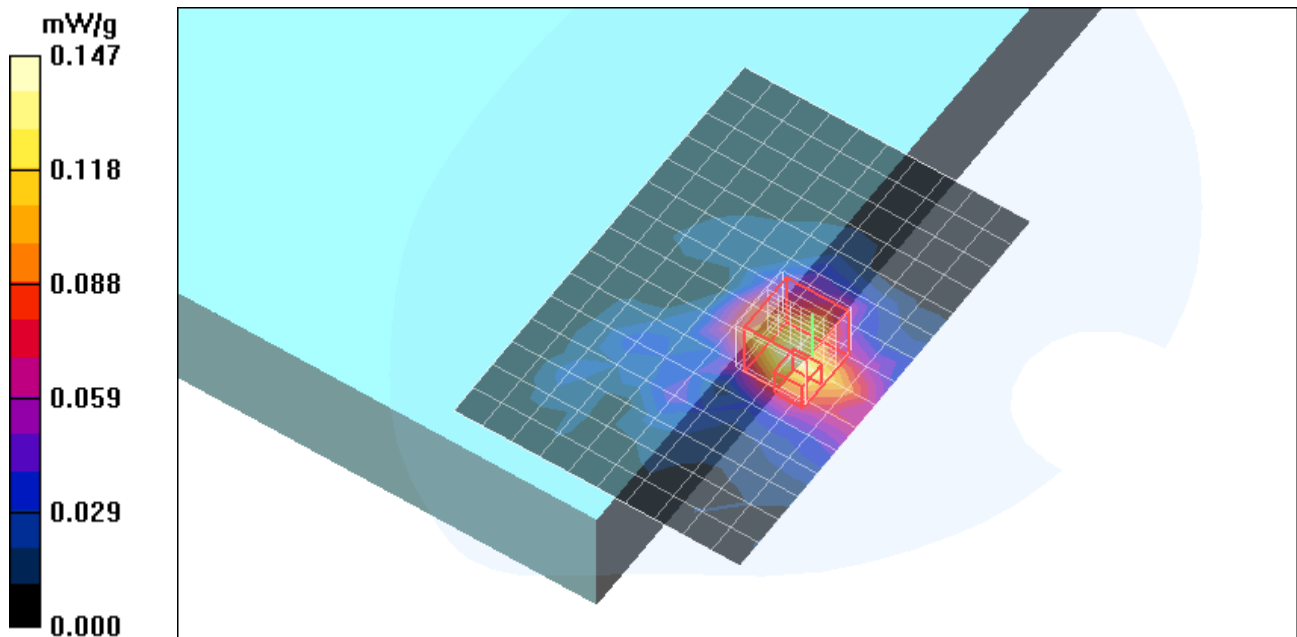
Reference Value = 4.16 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.046 mW/g

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

Maximum value of SAR (measured) = 0.250 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5260 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron WNC AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid:

dx=10mm, dy=10mm

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

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

Inspiron WNC AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

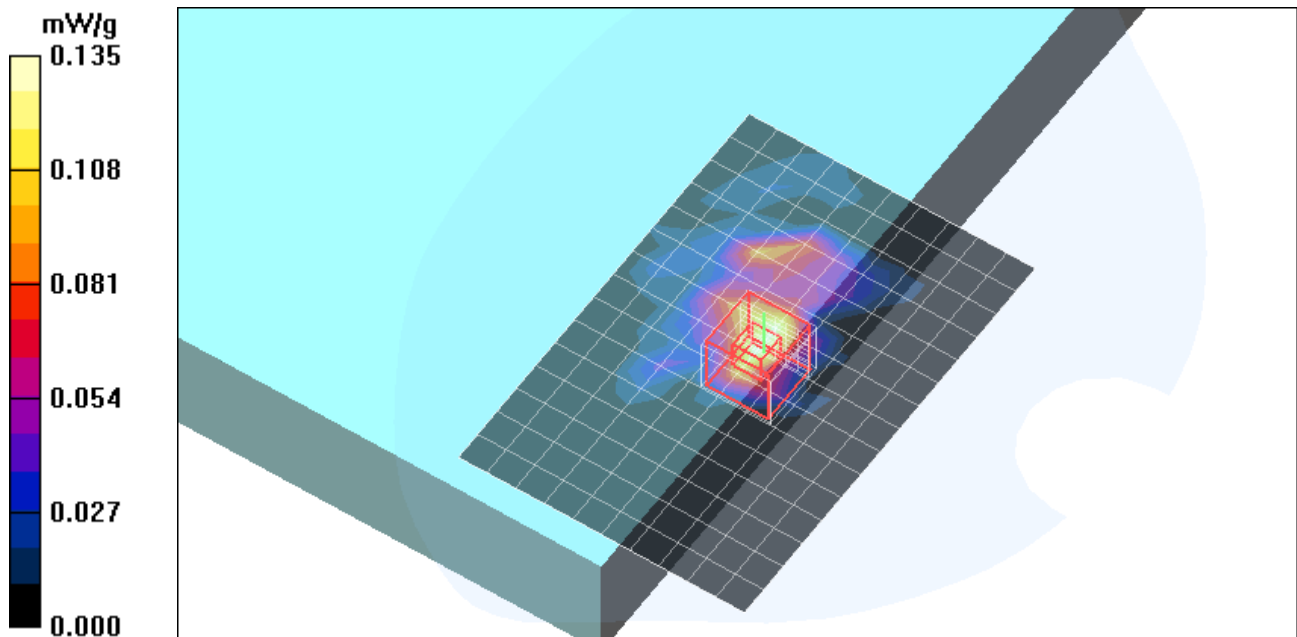
Reference Value = 1.63 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.036 mW/g

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

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



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron WNC AUX Antenna - A mode - M ch (Co-Tx)/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.146 mW/g

Inspiron WNC AUX Antenna - A mode - M ch (Co-Tx)/Zoom Scan (7x7x9)/Cube 0:

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

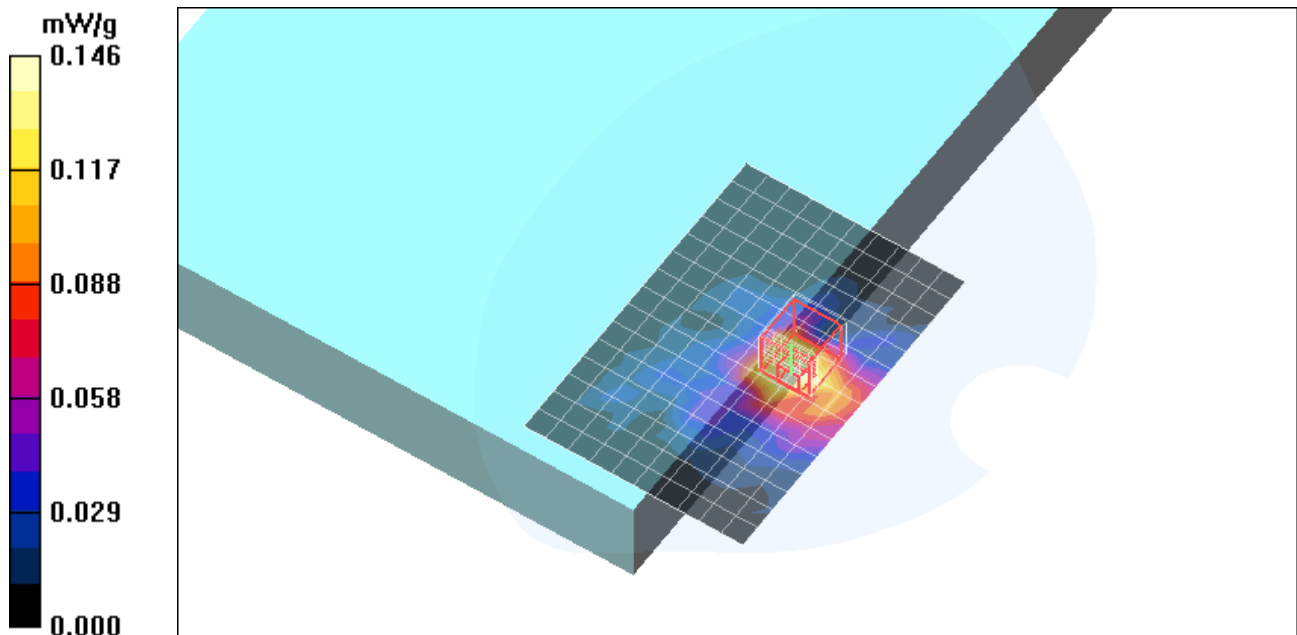
Reference Value = 3.46 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.050 mW/g

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

Maximum value of SAR (measured) = 0.258 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5260 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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 - SN3554; ConvF(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS Acon AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.327 mW/g

XPS Acon AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

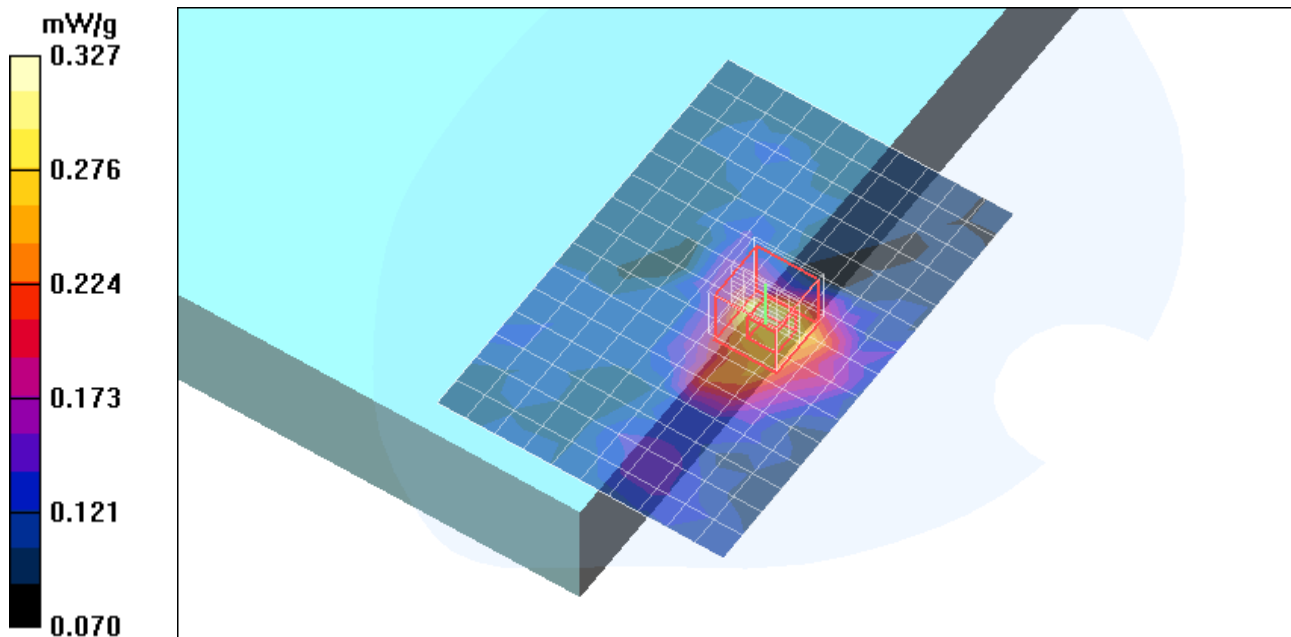
Reference Value = 4.52 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.190 mW/g

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

Maximum value of SAR (measured) = 0.500 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

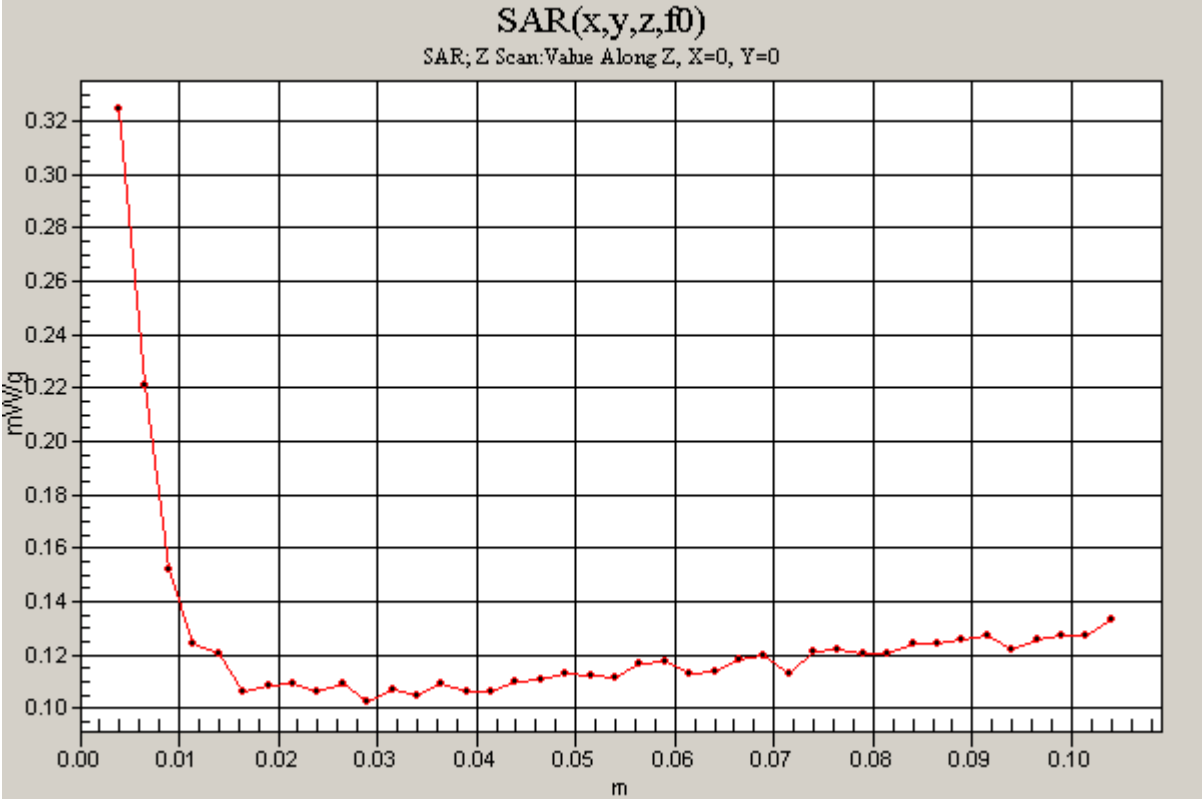
DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5260 MHz;Duty Cycle: 1:1.03

XPS Acon AUX Antenna - A mode - 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) = 0.324 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5260 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS Acon AUX Antenna - A mode - M ch (Co-Tx)/Area Scan (11x16x1): Measurement grid:

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

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

Maximum value of SAR (measured) = 0.309 mW/g

XPS Acon AUX Antenna - A mode - M ch (Co-Tx)/Zoom Scan (7x7x9)/Cube 0:

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

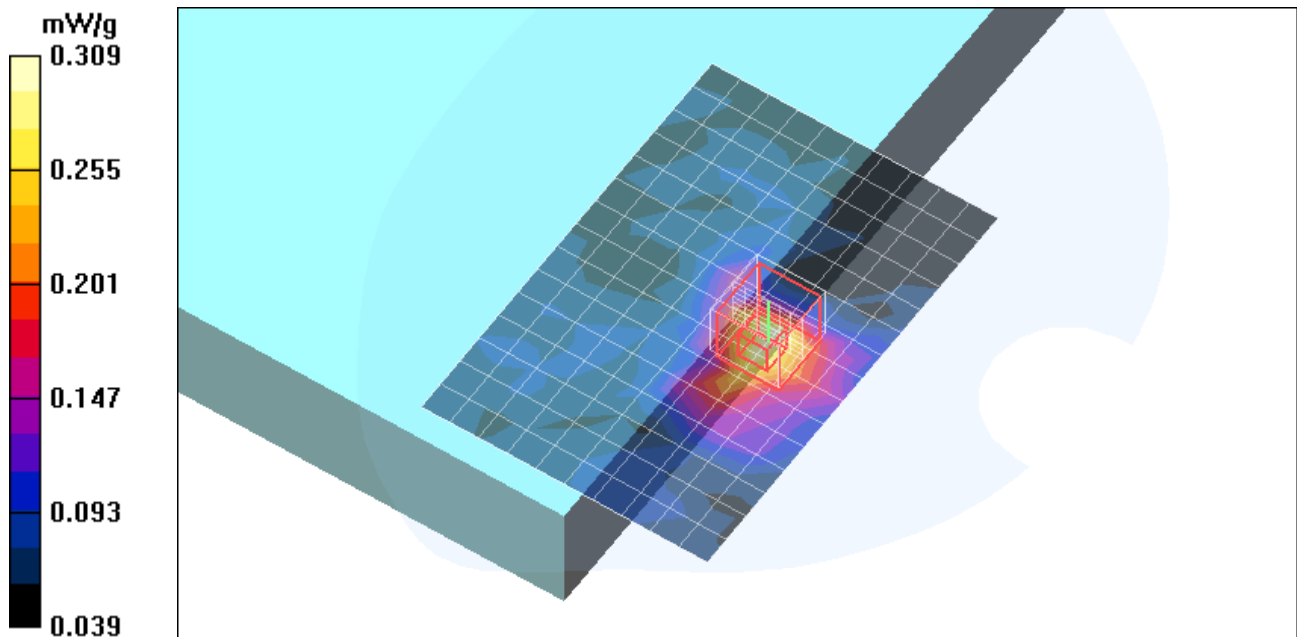
Reference Value = 3.73 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.162 mW/g

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

Maximum value of SAR (measured) = 0.524 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

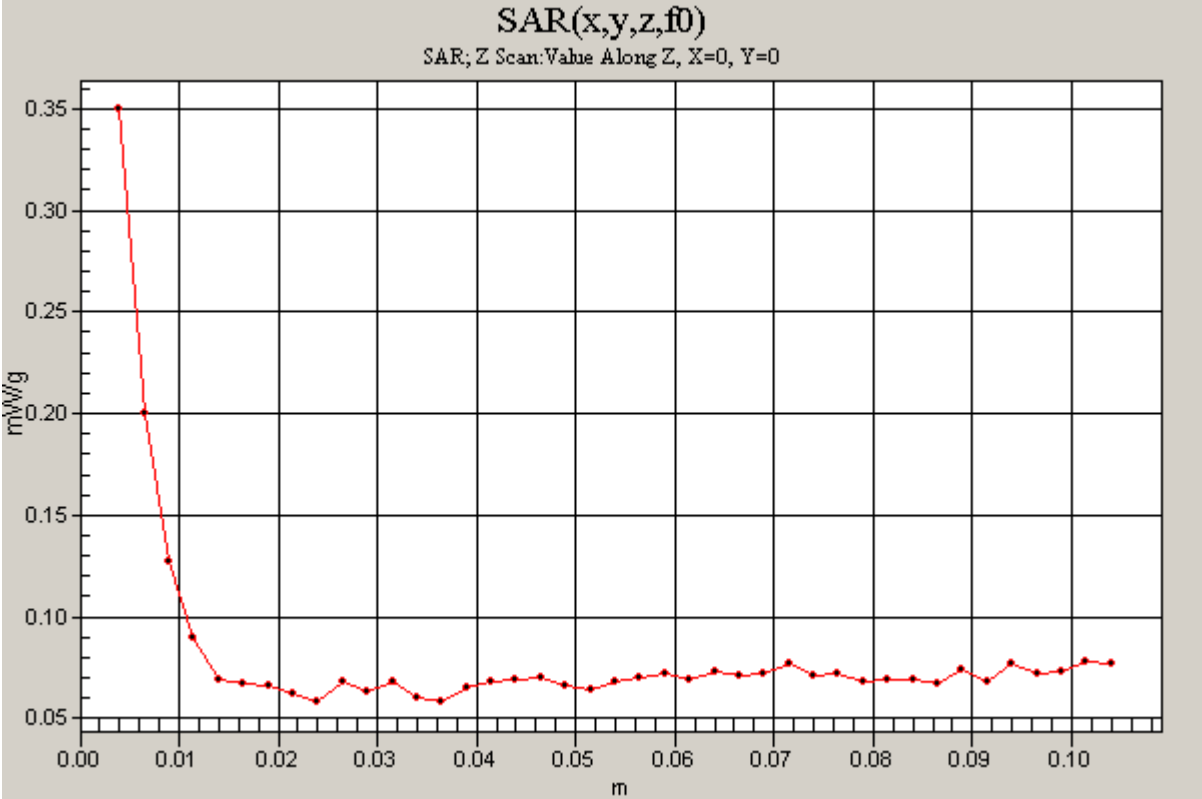
Communication System: 802.11agn; Frequency: 5260 MHz;Duty Cycle: 1:1.03

XPS Acon AUX Antenna - A mode - M ch (Co-Tx)/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) = 0.350 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5260 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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(3.68, 3.68, 3.68); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS WNC AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.193 mW/g

XPS WNC AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

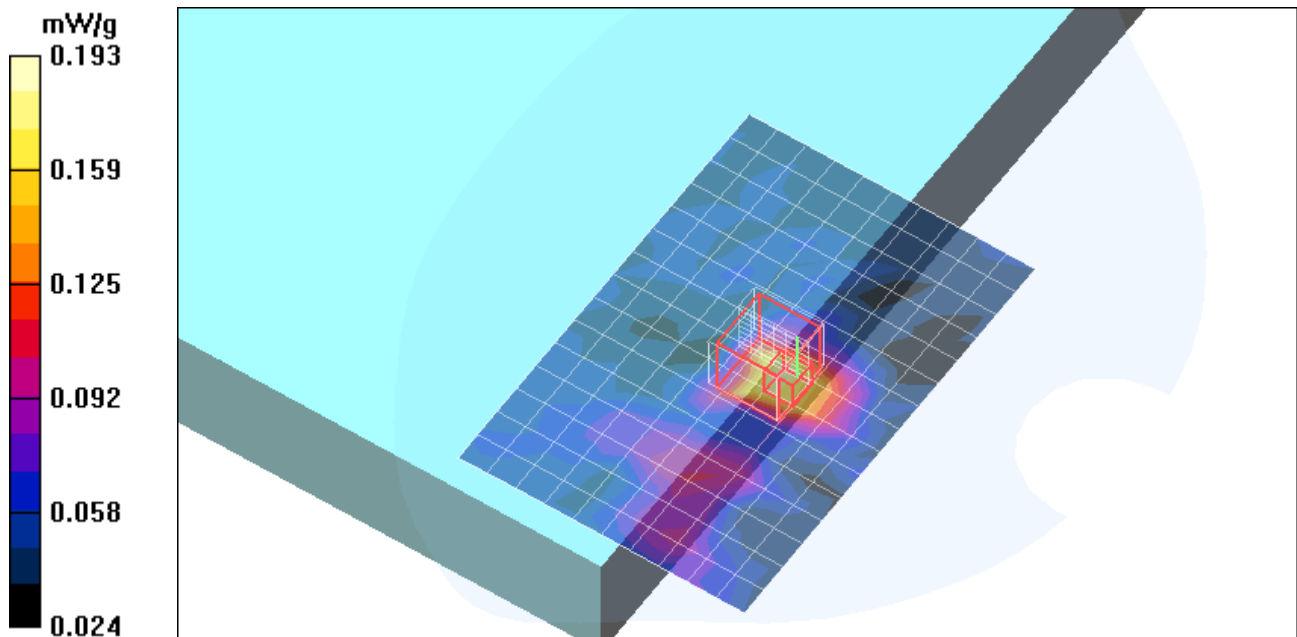
Reference Value = 3.40 V/m; Power Drift = 0.94 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.097 mW/g

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

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



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³

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(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron Acon AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.061 mW/g

Inspiron Acon AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

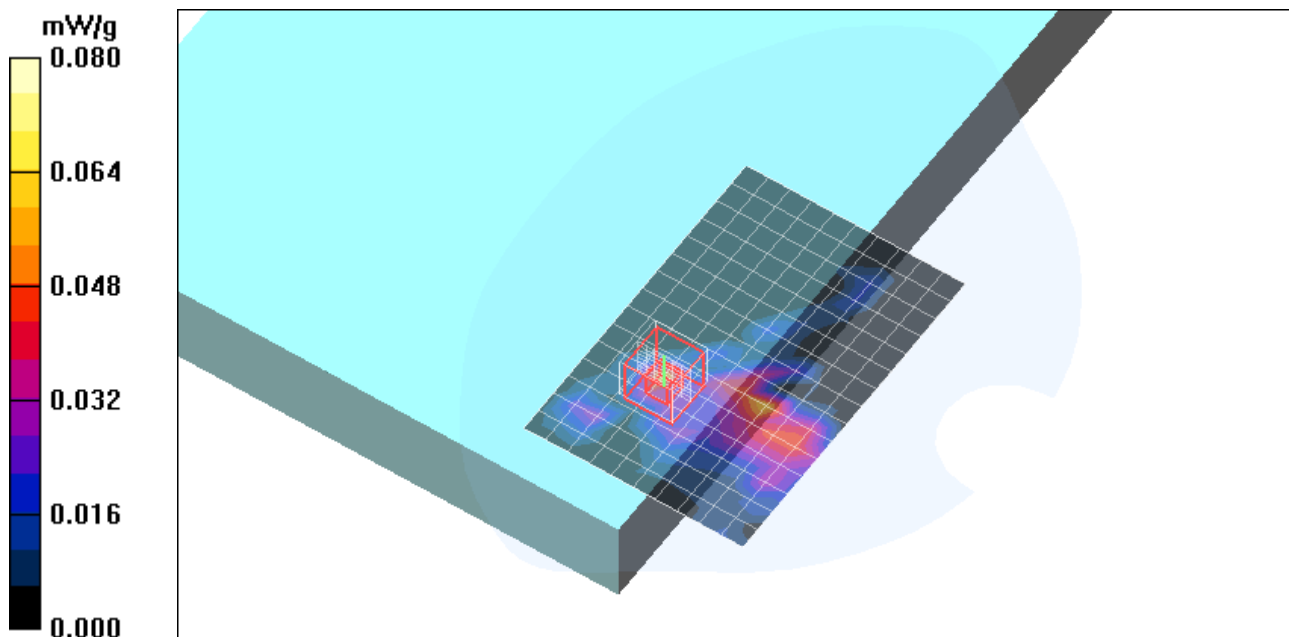
Reference Value = 1.10 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.055 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

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³

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(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron Acon AUX Antenna - A mode - M ch 2/Area Scan (11x16x1): Measurement grid:

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

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

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

Inspiron Acon AUX Antenna - A mode - M ch 2/Zoom Scan (7x7x9)/Cube 0: Measurement

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

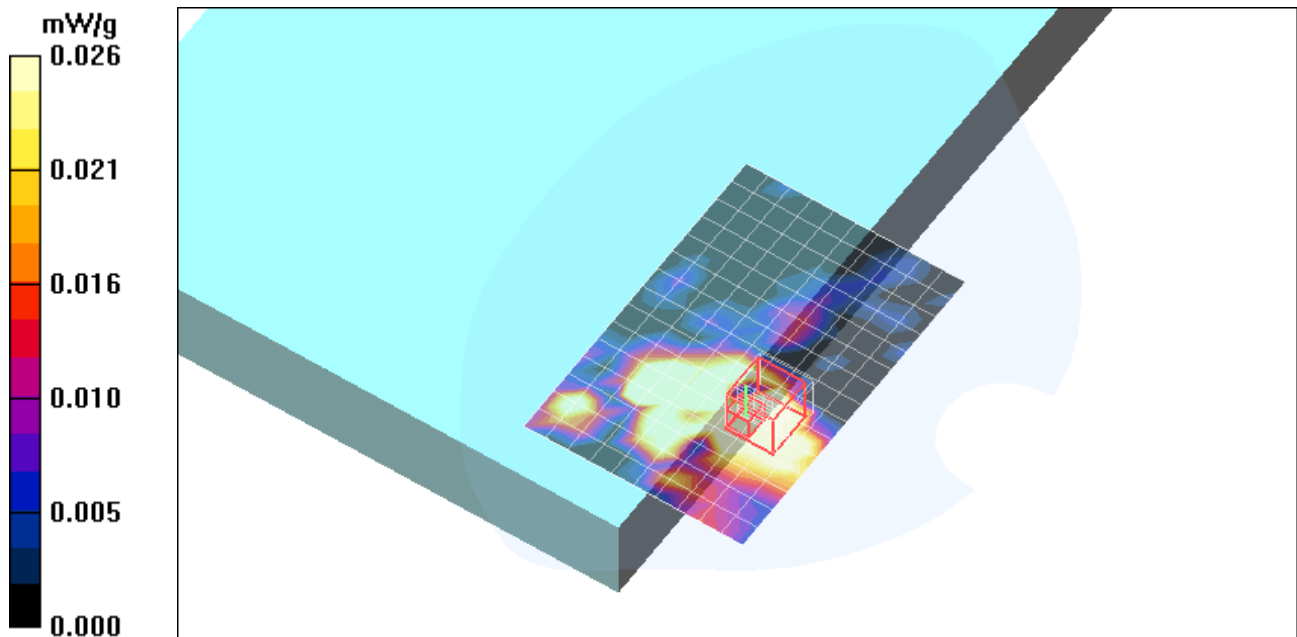
Reference Value = 2.80 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.018 mW/g

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

Maximum value of SAR (measured) = 0.119 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³

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(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Inspiron WNC AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.044 mW/g

Inspiron WNC AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

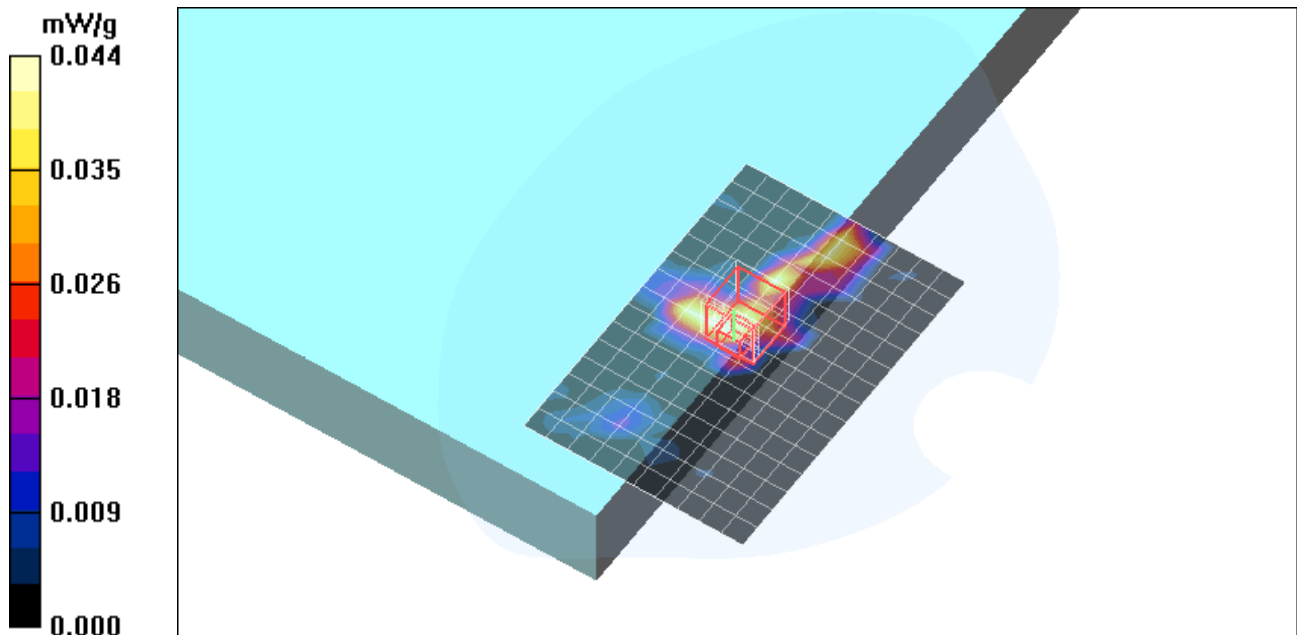
Reference Value = 1.89 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.017 mW/g

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

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



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³

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(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS Acon AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

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

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

XPS Acon AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

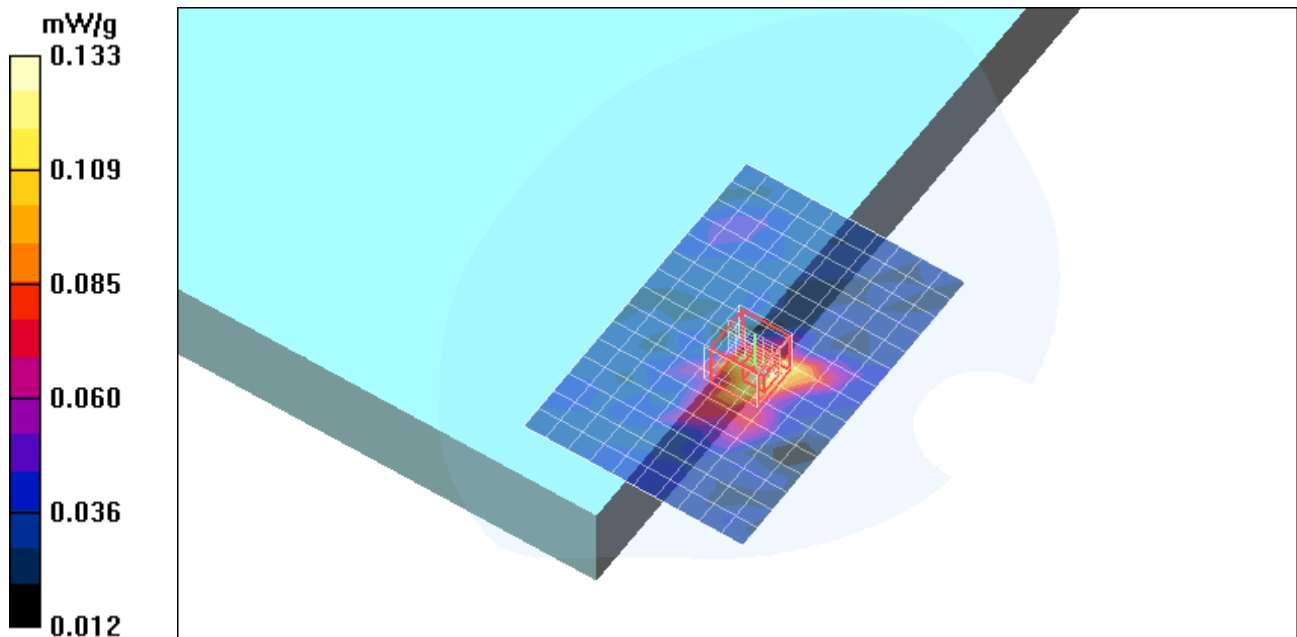
Reference Value = 2.39 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.070 mW/g

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

Maximum value of SAR (measured) = 0.261 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³

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(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS WNC AUX Antenna - A mode - M ch/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.183 mW/g

XPS WNC AUX Antenna - A mode - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

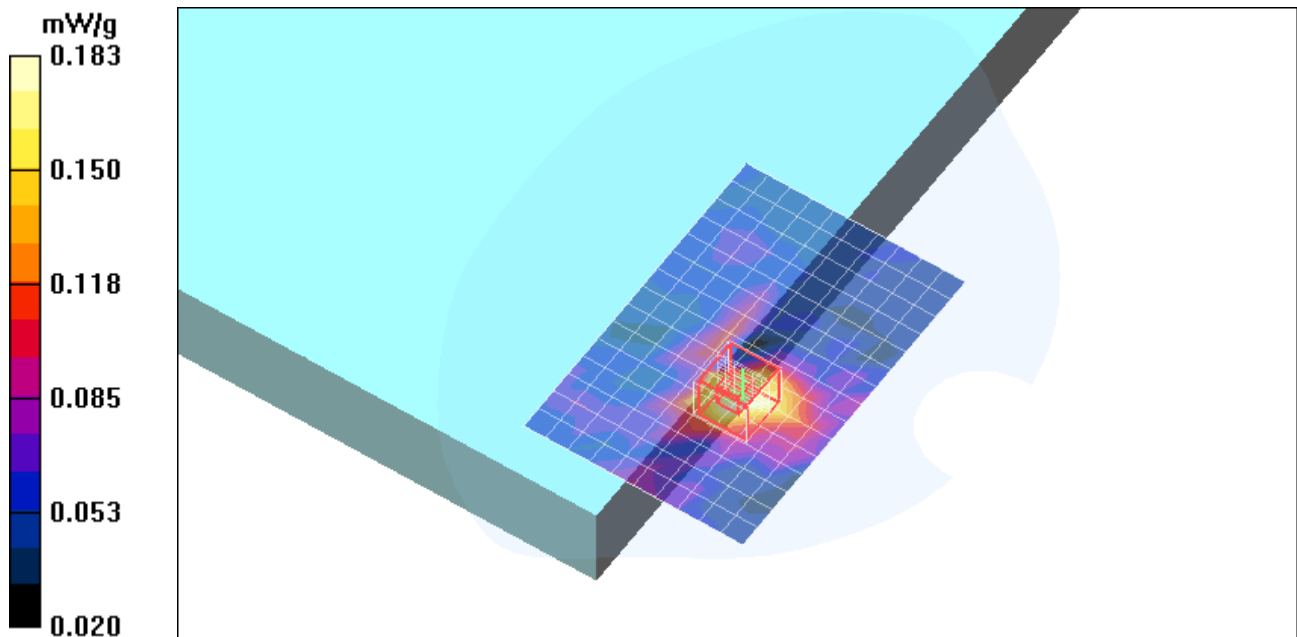
Reference Value = 4.37 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.113 mW/g

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

Maximum value of SAR (measured) = 0.365 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³

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(3.83, 3.83, 3.83); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

XPS WNC AUX Antenna - A mode - M ch (Co-Tx)/Area Scan (11x16x1): Measurement grid:

dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.143 mW/g

XPS WNC AUX Antenna - A mode - M ch (Co-Tx)/Zoom Scan (7x7x9)/Cube 0: Measurement

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

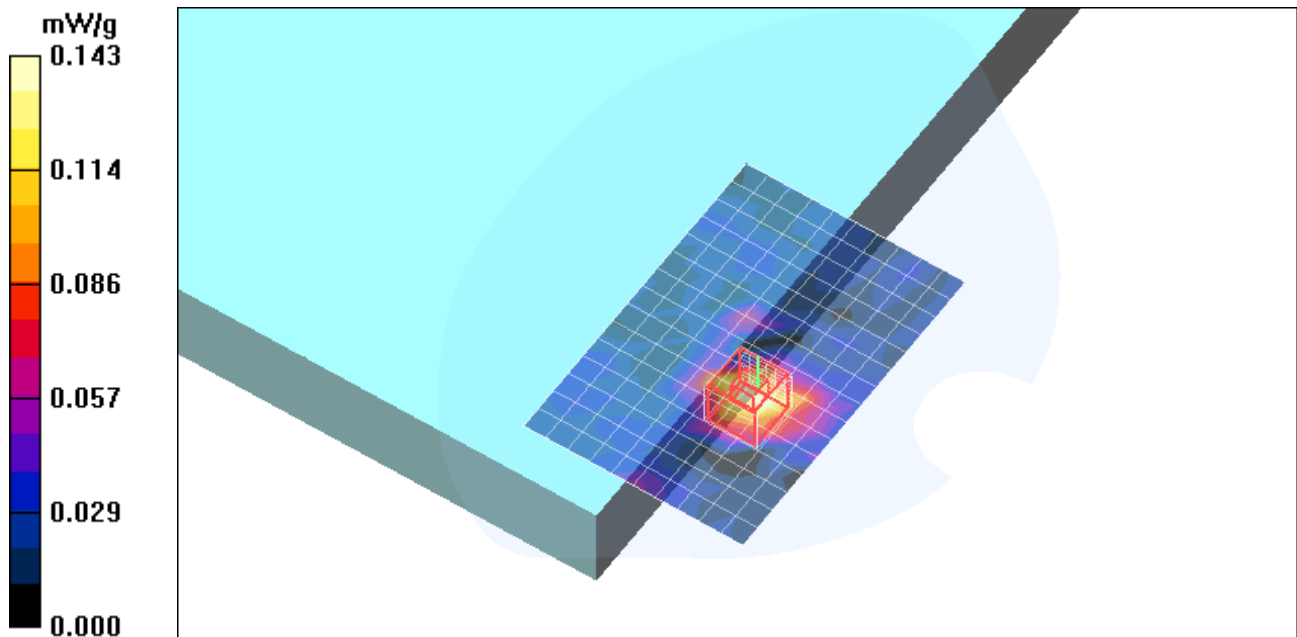
Reference Value = 5.32 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.771 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.090 mW/g

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

Maximum value of SAR (measured) = 0.530 mW/g



Test Laboratory: Compliance Certification Services

Lap held Position

DUT: Dell Laptop; Type: Laptop; Serial: N/A

Communication System: 802.11agn; Frequency: 5785 MHz;Duty Cycle: 1:1.03

XPS WNC AUX Antenna - A mode - M ch (Co-Tx)/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) = 0.295 mW/g

