

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11a Ch40_NB Bottom with 0cm Gap_DELL D500_Ant-0_Horizontal USB

DUT: 810917

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

Medium: MSL_5200 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.5 °C

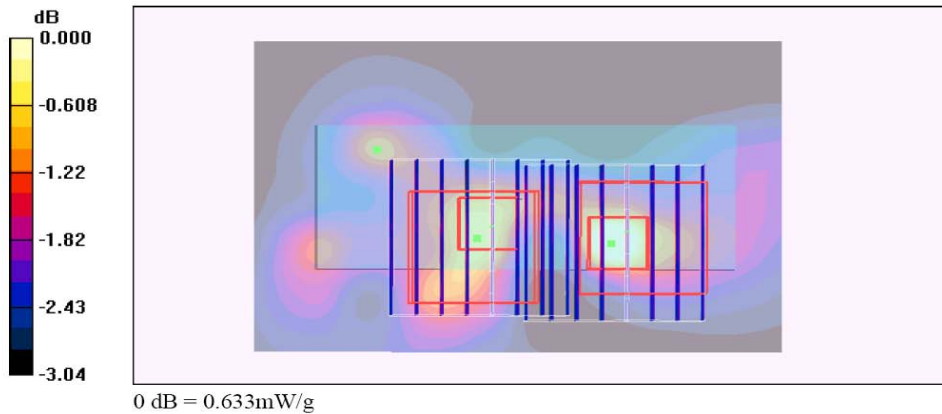
DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.31, 4.31, 4.31); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch40/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.752 mW/g

Ch40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 9.68 V/m; Power Drift = 0.023 dB
 Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.409 mW/g
 Maximum value of SAR (measured) = 0.706 mW/g

Ch40/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 9.68 V/m; Power Drift = 0.023 dB
 Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.406 mW/g
 Maximum value of SAR (measured) = 0.633 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11a Ch40_NB Bottom with 0cm Gap_DELL D500_Ant-1_Horizontal USB

DUT: 810917

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

Medium: MSL_5200 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.31, 4.31, 4.31); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch40/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.935 mW/g

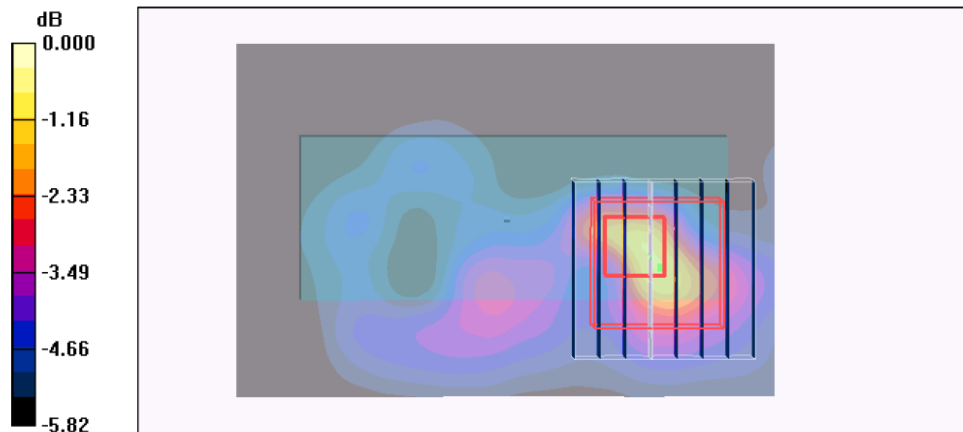
Ch40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.29 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n_Ch40_NB Bottom with 0cm Gap_acer 3620_BW20M_2Tx_Horizontal USB

DUT: 810917

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5200 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ mho/m}$; $\epsilon_r = 47.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.9 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.31, 4.31, 4.31); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch40/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.324 mW/g

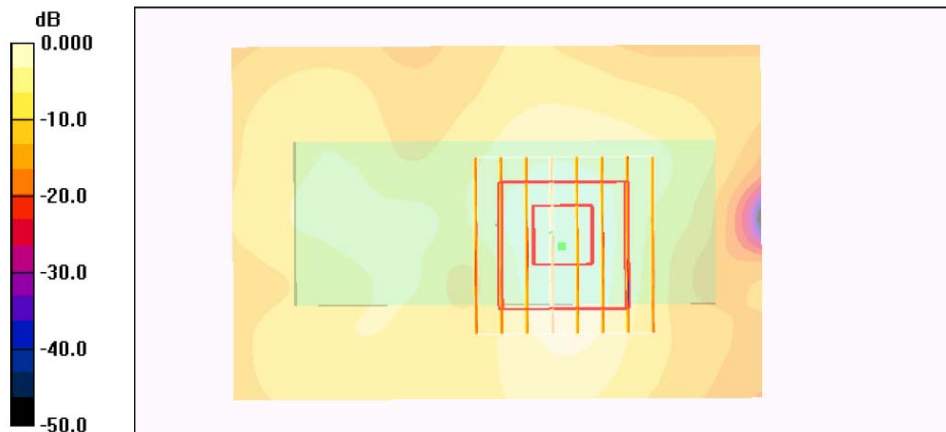
Ch40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 3.73 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.317 mW/g



0 dB = 0.317mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n_Ch40_NB Bottom with 0cm Gap_acer 3620_BW20M_2Tx_Vertical USB

DUT: 810917

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium: MSL_5200 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ mho/m}$; $\epsilon_r = 47.5$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

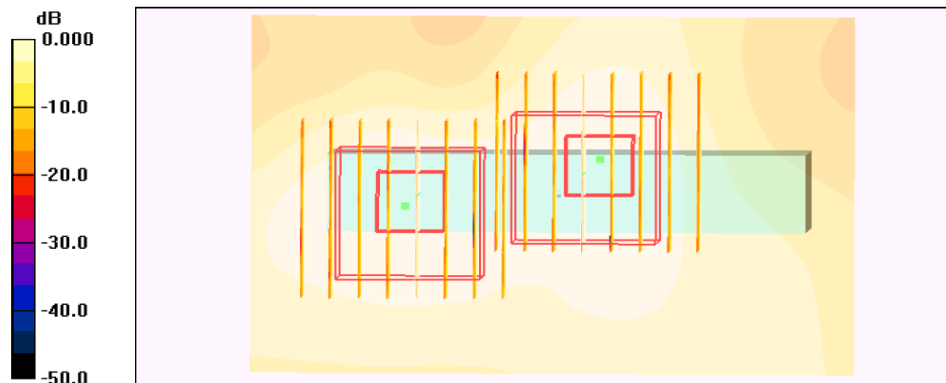
DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.31, 4.31, 4.31); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch40/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.374 mW/g

Ch40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 4.83 V/m; Power Drift = -0.002 dB
 Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.076 mW/g
 Maximum value of SAR (measured) = 0.357 mW/g

Ch40/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 4.83 V/m; Power Drift = -0.002 dB
 Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.059 mW/g
 Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.256mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n_Ch40_NB Bottom with 0cm Gap_TOSHIBA A512_BW20M_2Tx_Vertical USB

DUT: 810917

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5200 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ mho/m}$; $\epsilon_r = 47.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.9 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.31, 4.31, 4.31); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch40/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.17 mW/g

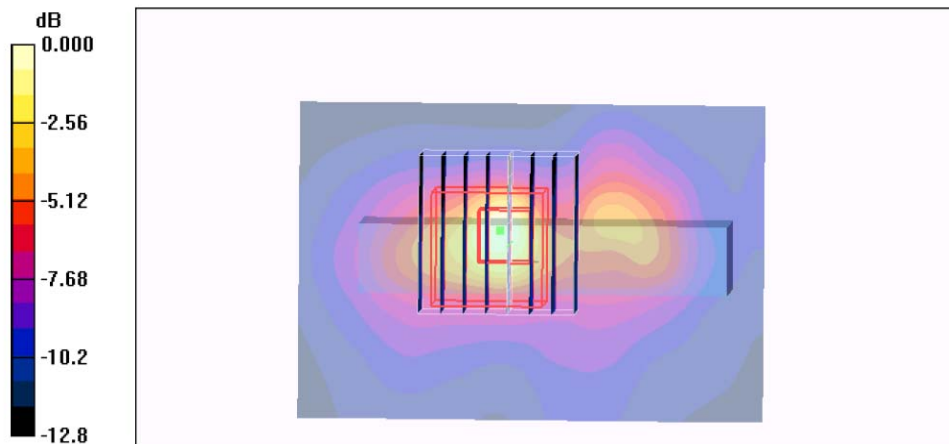
Ch40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.6 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 4.20 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 2.01 mW/g



0 dB = 2.01mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date : 2008/1/10

Body_802.11n Ch149_NB Bottom with 0cm Gap_DELL D500_BW20M_2Tx_Horizontal USB

DUT: 810917

Communication System: 802.11n; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL_5800 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.08 \text{ mho/m}$; $\epsilon_r = 46.9$; $\rho = 1000 \text{ kg/m}^3$

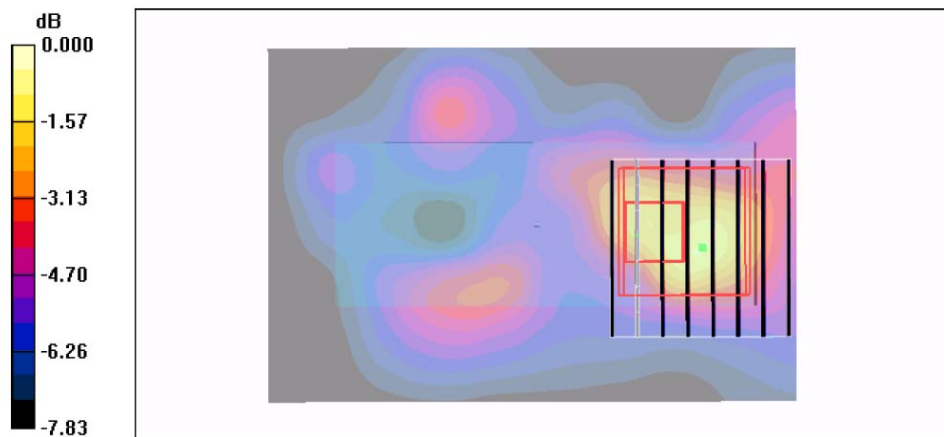
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch149/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.94 mW/g

Ch149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 10.5 V/m; Power Drift = 0.137 dB
 Peak SAR (extrapolated) = 6.26 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.738 mW/g
 Maximum value of SAR (measured) = 2.43 mW/g



0 dB = 2.43mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n_Ch159_NB Bottom with 0cm Gap_DELL D500_BW40M_2Tx_Horizontal USB

DUT: 810917

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: MSL_5800 Medium parameters used: $f = 5795$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch159/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.37 mW/g

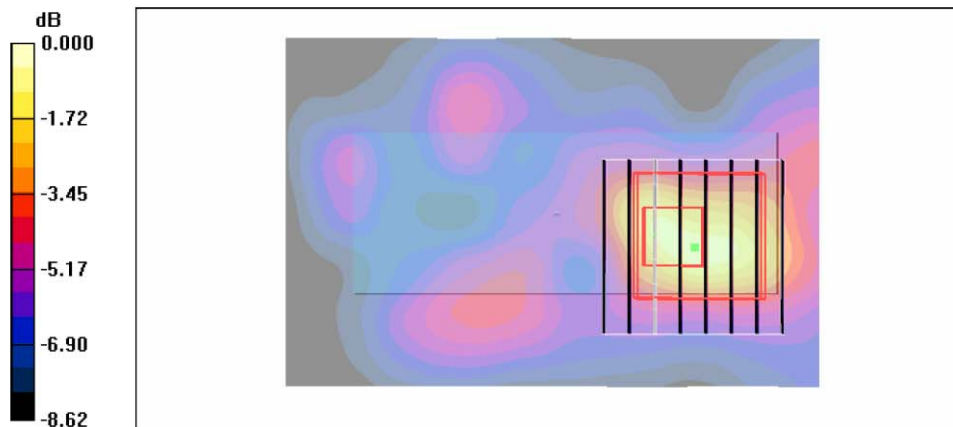
Ch159/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.6 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 6.92 W/kg

SAR(1 g) = 1.56 mW/g; SAR(10 g) = 0.794 mW/g

Maximum value of SAR (measured) = 2.78 mW/g



0 dB = 2.78mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date : 2008/1/10

Body_802.11n Ch151_NB Bottom with 0cm Gap_DELL D500_BW40M_2Tx_Vertical USB

DUT: 810917

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

Medium: MSL_5800 Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 6.09 \text{ mho/m}$; $\epsilon_r = 46.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

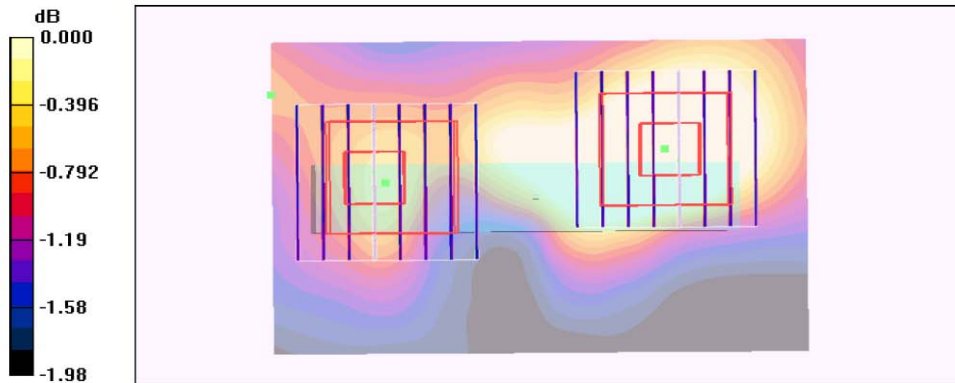
DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch151/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.876 mW/g

Ch151/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 9.81 V/m; Power Drift = 0.132 dB
 Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.578 mW/g
 Maximum value of SAR (measured) = 0.887 mW/g

Ch151/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 9.81 V/m; Power Drift = 0.132 dB
 Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.533 mW/g
 Maximum value of SAR (measured) = 0.690 mW/g



0 dB = 0.690mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11a_Ch157_NB Bottom with 0cm Gap_DELL D500_Ant-0_Horizontal USB

DUT: 810917

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

Medium: MSL_5800 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.14 \text{ mho/m}$; $\epsilon_r = 46.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch157/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.12 mW/g

Ch157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.01 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.513 mW/g

Maximum value of SAR (measured) = 1.20 mW/g

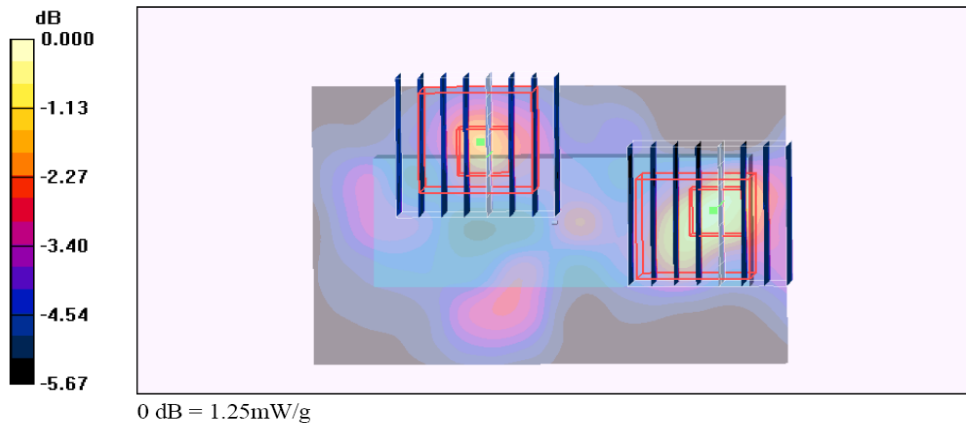
Ch157/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.01 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 3.98 W/kg

SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date : 2008/1/10

Body_802.11a Ch165_NB Bottom with 0cm Gap_DELL D500_Ant-1_Horizontal USB

DUT: 810917

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5800 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.18 \text{ mho/m}$; $\epsilon_r = 46.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch161/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.77 mW/g

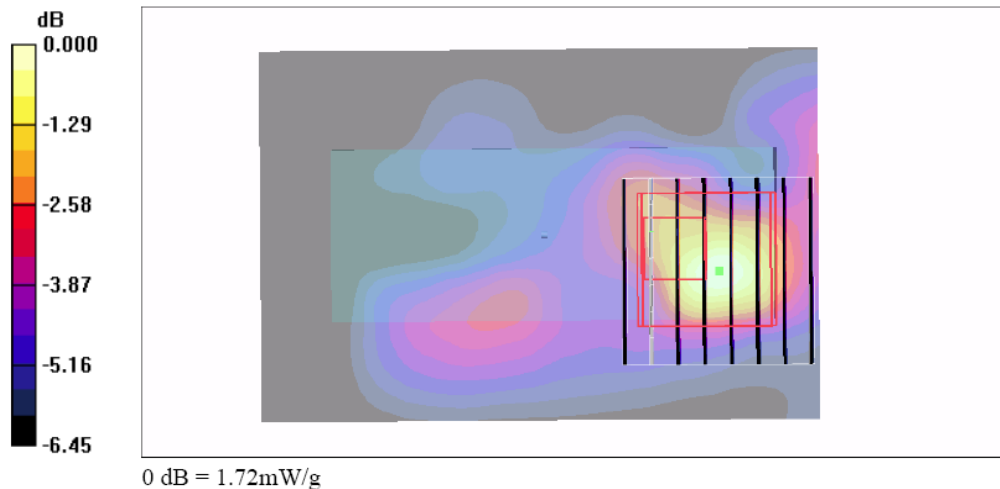
Ch161/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.32 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 5.15 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.633 mW/g

Maximum value of SAR (measured) = 1.72 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n Ch151_NB Bottom with 0cm Gap_acer 3620_BW40M_2Tx_Horizontal USB

DUT: 810917

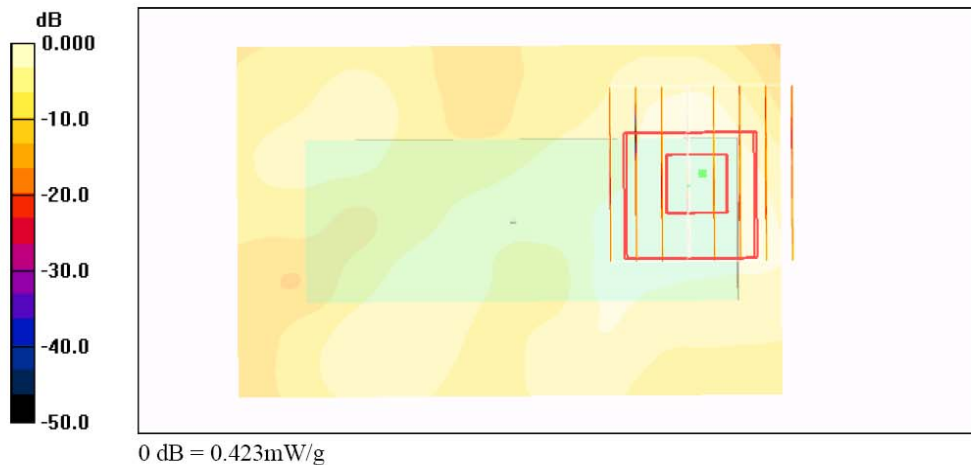
Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1
 Medium: MSL_5800 Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 6.09 \text{ mho/m}$; $\epsilon_r = 46.9$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch151/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.399 mW/g

Ch151/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 3.17 V/m; Power Drift = 0.139 dB
 Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.084 mW/g
 Maximum value of SAR (measured) = 0.423 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n_Ch151_NB Bottom with 0cm Gap_acer 3620_BW40M_2Tx_Vertical USB

DUT: 810917

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

Medium: MSL_5800 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.09$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch151/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.768 mW/g

Ch151/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.74 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.744 mW/g

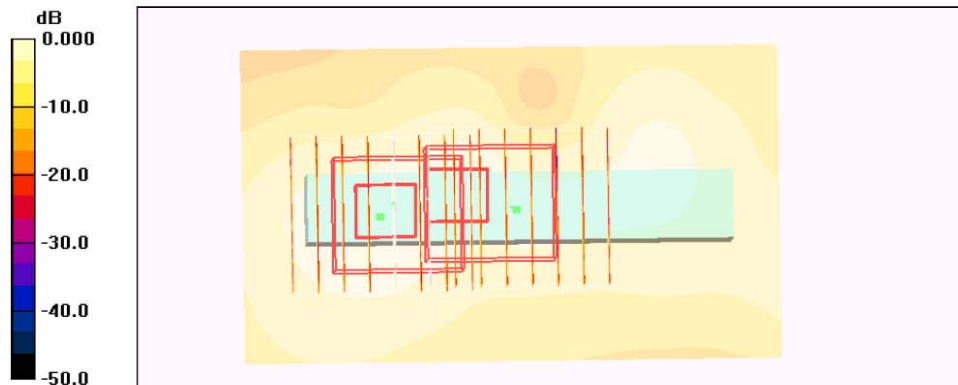
Ch151/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.74 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.718 mW/g



0 dB = 0.718mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n Ch151_NB Bottom with 0cm Gap_TOSHIBA A512_BW40M_2Tx_Vertical USB

DUT: 810917

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

Medium: MSL_5800 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.09$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C ; Liquid Temperature : 21.5 °C

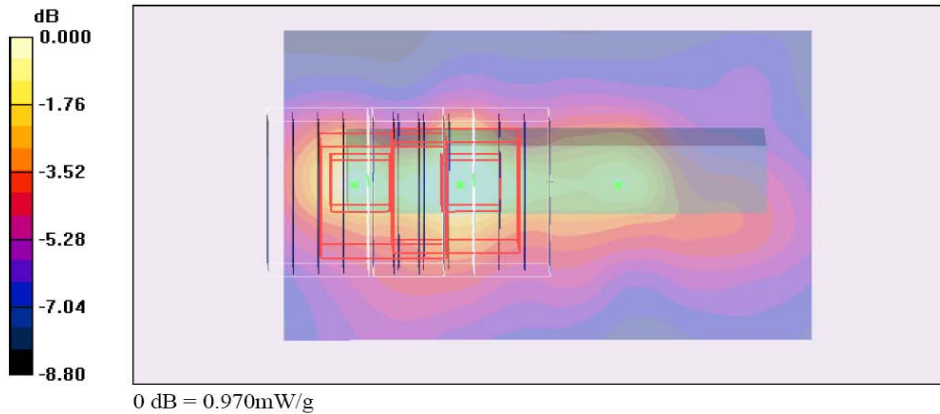
DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.16, 4.16, 4.16); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch151/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.14 mW/g

Ch151/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 7.54 V/m; Power Drift = -0.109 dB
 Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.343 mW/g
 Maximum value of SAR (measured) = 1.26 mW/g

Ch151/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 7.54 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 2.34 W/kg
SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.284 mW/g
 Maximum value of SAR (measured) = 0.970 mW/g





Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/9

Body_802.11n Ch1_NB Bottom with 0cm Gap_TOSHIBA A512_2Tx_BW20M_Verticl USB_2D

DUT: 810917

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

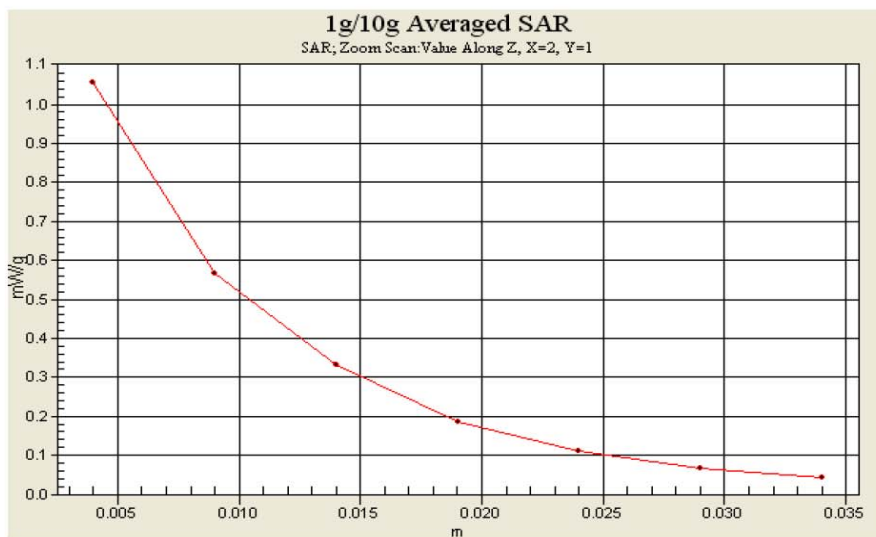
Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.02, 4.02, 4.02); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch1/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.23 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 1.06 mW/g





Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2008/1/10

Body_802.11n Ch40_NB Bottom with 0cm Gap_TOSHIBA A512_BW20M_2Tx_Vertical USB_2D

DUT: 810917

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5200 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.31, 4.31, 4.31); Calibrated: 2007/2/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2007/9/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Ch40/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.17 mW/g

Ch40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.6 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 4.20 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 2.01 mW/g

