

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

Date: 2007/12/25

**Body\_802.11n\_Ch54\_NB Bottom with 0cm Gap\_Ant-3\_DELL D500\_BW 40M**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.31$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.6 °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

**Ch54/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.03 mW/g

**Ch54/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.45 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g

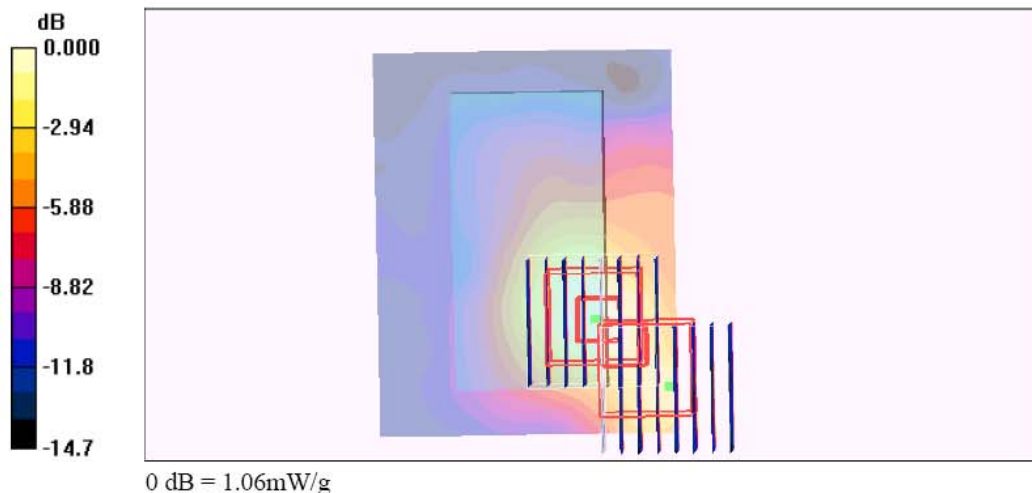
**Ch54/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.45 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.233 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g



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**Body\_802.11n Ch54\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_DELL D500\_BW 40M**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.31$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.7 °C; Liquid Temperature : 21.6 °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

**Ch54/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.37 mW/g

**Ch54/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.47 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 2.53 W/kg

**SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 1.34 mW/g

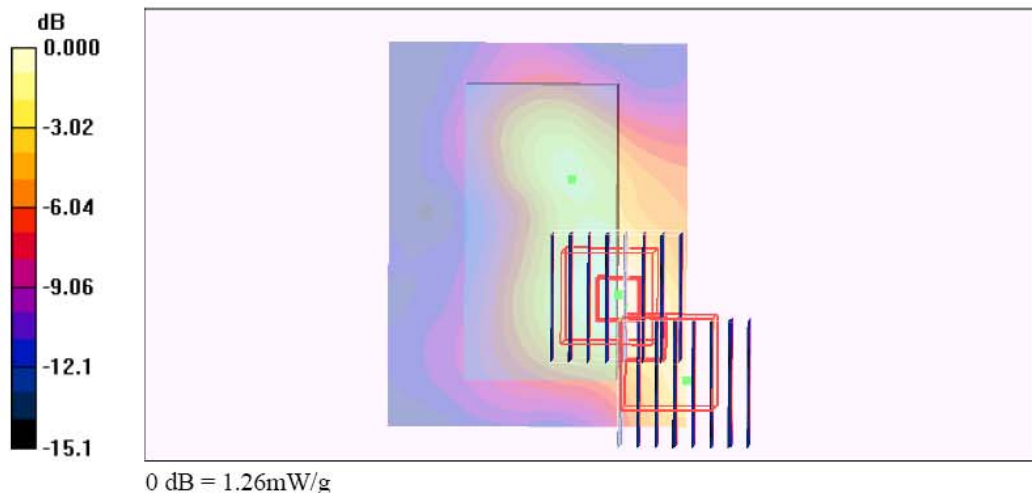
**Ch54/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.47 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 2.33 W/kg

**SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.258 mW/g**

Maximum value of SAR (measured) = 1.26 mW/g



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

Date : 2007/12/25

**Body\_802.11n Ch52\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_DELL M2300\_BW 20M**

**DUT: 7D1410**

Communication System: 802.11n; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL\_5G Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.31$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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

**Ch52/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.828 mW/g

**Ch52/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.76 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 0.814 mW/g

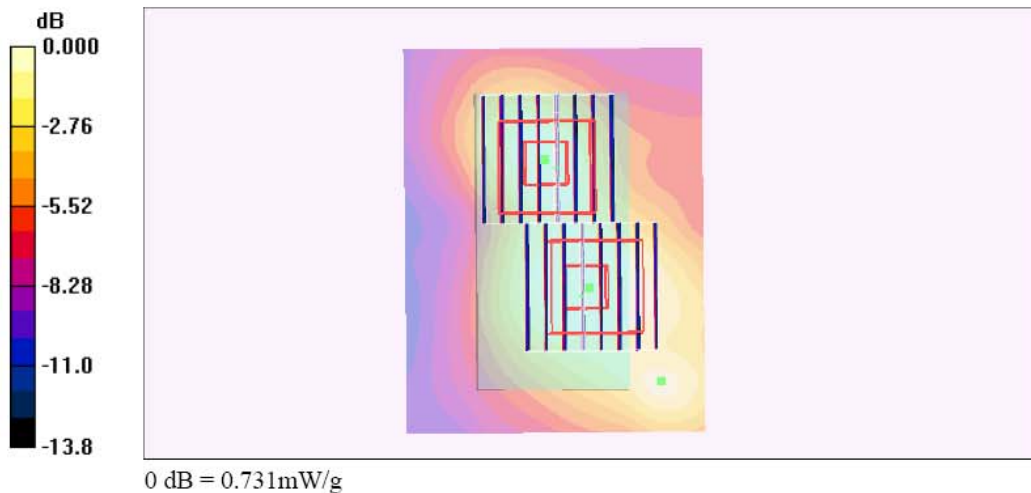
**Ch52/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.76 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.731 mW/g



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

Date : 2007/12/25

**Body\_802.11n Ch52\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_IBM 2653\_BW 20M**

**DUT: 7D1410**

Communication System: 802.11n; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL\_5G Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.31$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.6 °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

**Ch52/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.830 mW/g

**Ch52/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.15 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.233 mW/g**

Maximum value of SAR (measured) = 0.855 mW/g

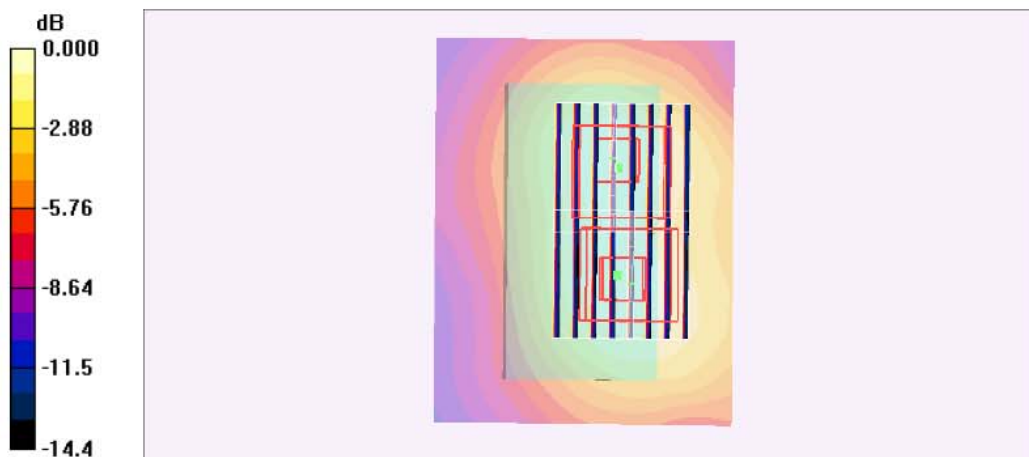
**Ch52/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.15 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.834mW/g

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

Date : 2007/12/25

**Body\_802.11a\_Ch120\_NB Bottom with 0cm Gap\_Ant-1\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch120/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.981 mW/g

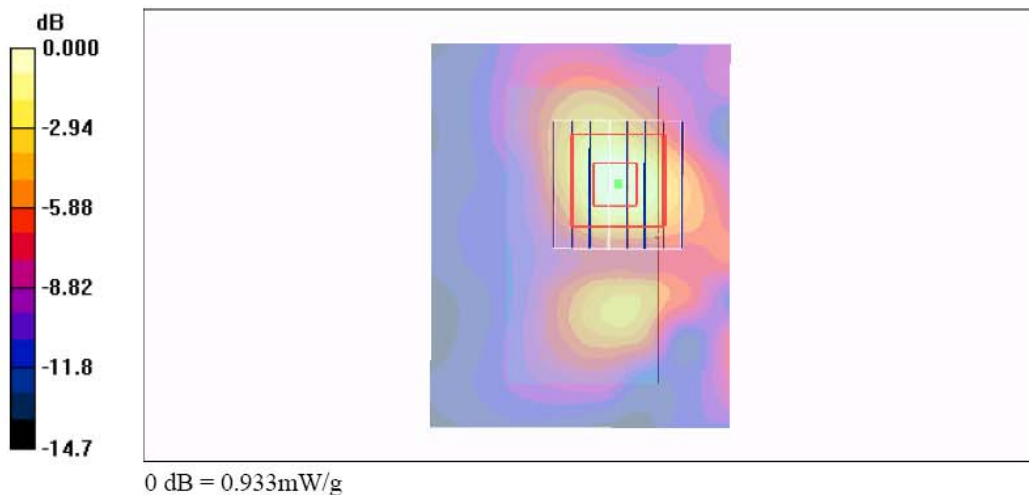
**Ch120/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.20 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.933 mW/g



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

Date : 2007/12/25

**Body\_802.11a Ch120\_NB Bottom with 0cm Gap\_Ant-3\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch120/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

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

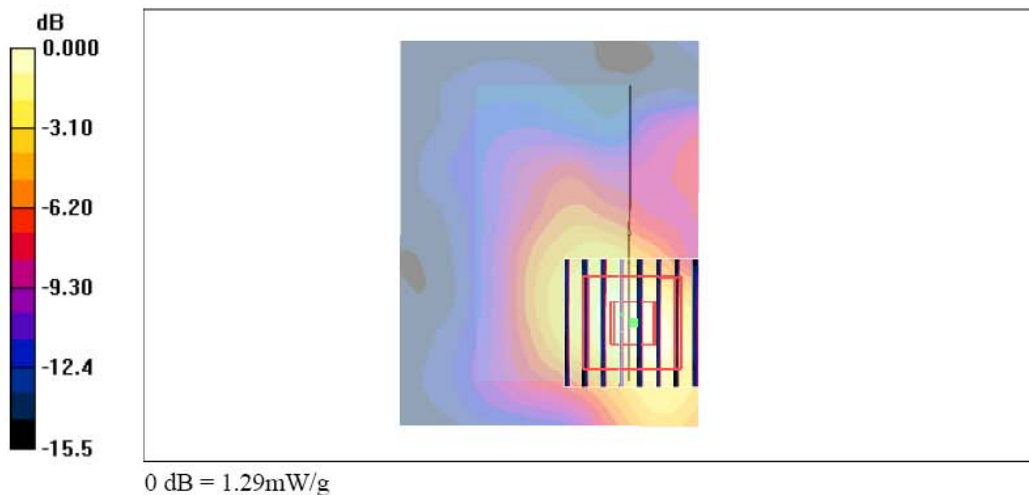
**Ch120/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.08 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 2.53 W/kg

**SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.304 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



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

Date : 2007/12/25

**Body\_802.11n\_Ch120\_NB Bottom with 0cm Gap\_Ant-1\_BW 20M\_DELL D500**

**DUT: 7D1410**

Communication System: 802.11n; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch120/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.615 mW/g

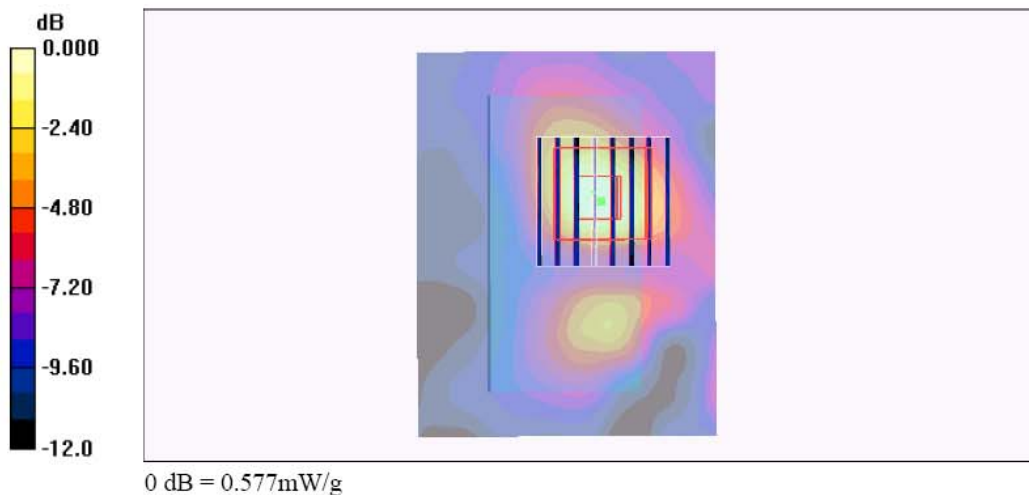
**Ch120/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.84 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.577 mW/g



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**Body\_802.11n\_Ch120\_NB Bottom with 0cm Gap\_Ant-3\_BW 20M\_DELL D500**

**DUT: 7D1410**

Communication System: 802.11n; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch120/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.860 mW/g

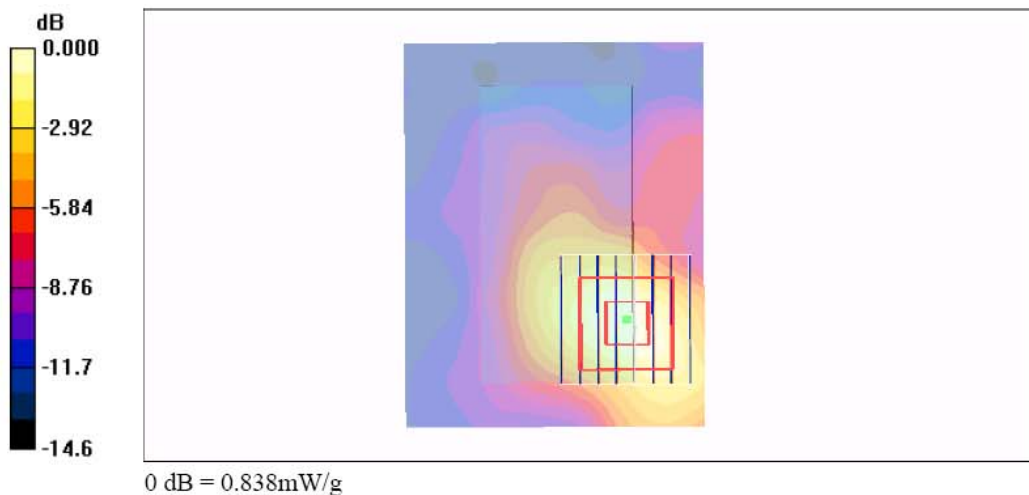
**Ch120/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.67 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.216 mW/g**

Maximum value of SAR (measured) = 0.838 mW/g





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Date: 2007/12/25

**Body\_802.11n Ch120\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 20M\_DELL D500**

**DUT: 7D1410**

Communication System: 802.11n; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch120/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.01 mW/g

**Ch120/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.08 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.248 mW/g**

Maximum value of SAR (measured) = 0.981 mW/g

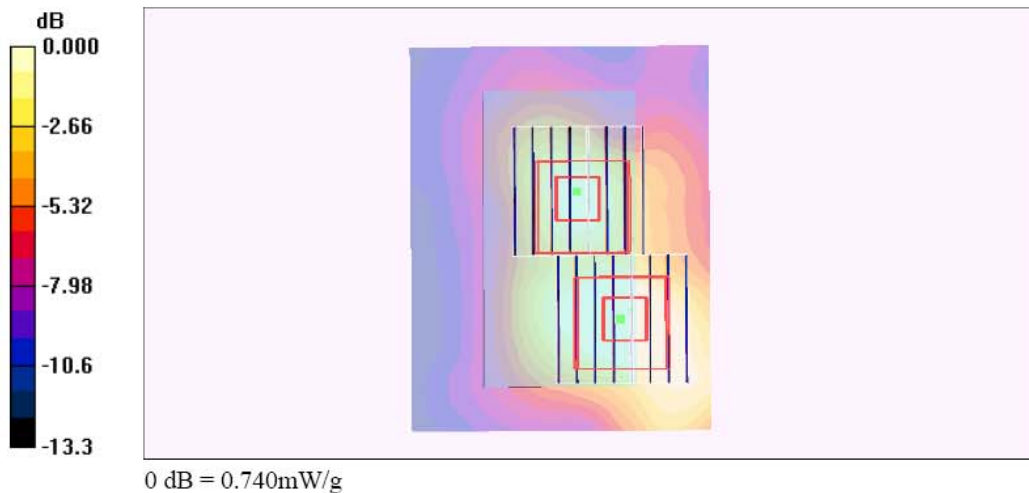
**Ch120/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.08 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.189 mW/g**

Maximum value of SAR (measured) = 0.740 mW/g



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

Date : 2007/12/25

**Body\_802.11n\_Ch118\_NB Bottom with 0cm Gap\_Ant-1\_BW 40M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch118/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.762 mW/g

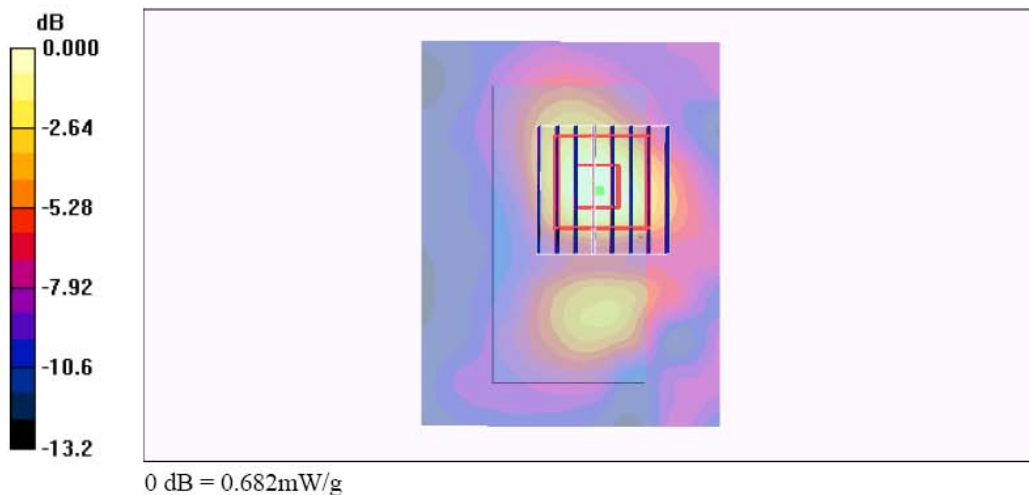
**Ch118/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.11 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.166 mW/g**

Maximum value of SAR (measured) = 0.682 mW/g



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

Date : 2007/12/25

**Body\_802.11n\_Ch118\_NB Bottom with 0cm Gap\_Ant-3\_BW 40M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch118/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.18 mW/g

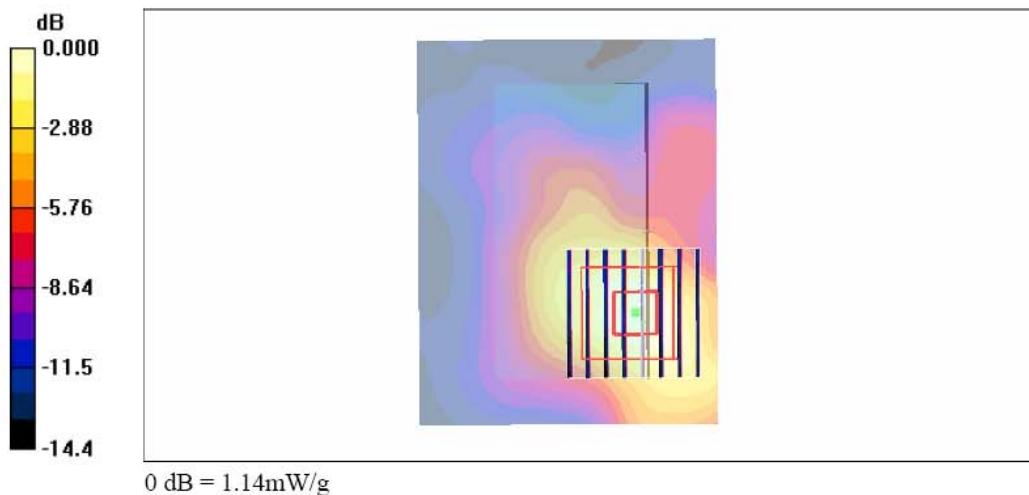
**Ch118/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.67 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.284 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g



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

Date: 2007/12/25

**Body\_802.11n Ch102\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 40M\_DELL D500**

**DUT: 7D1410**

Communication System: 802.11n; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: MSL\_5G Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.54$  mho/m;  $\epsilon_r = 48.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch102/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.51 mW/g

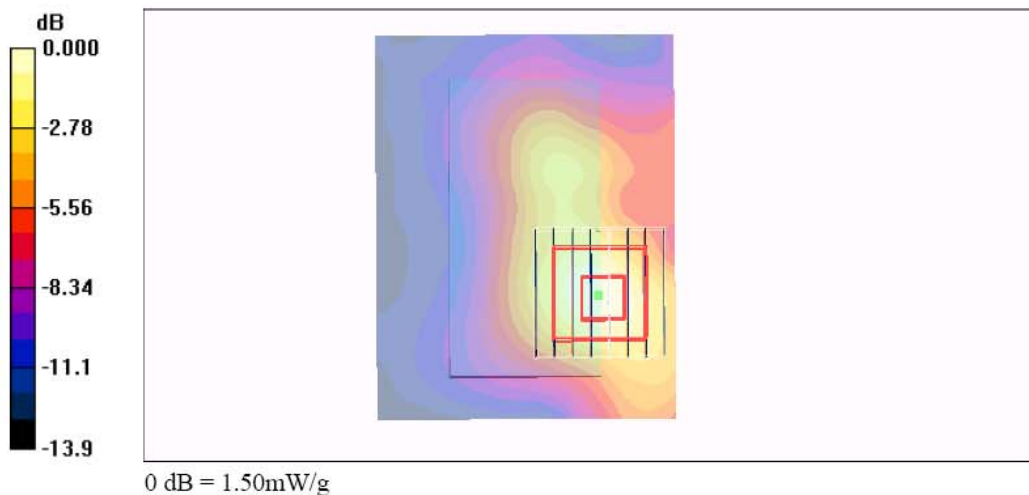
**Ch102/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.52 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 2.89 W/kg

**SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.379 mW/g**

Maximum value of SAR (measured) = 1.50 mW/g



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

Date: 2007/12/25

**Body\_802.11n Ch118\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 40M\_DELL M2300**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch118/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.911 mW/g

**Ch118/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.92 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 2.05 W/kg

**SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.222 mW/g**

Maximum value of SAR (measured) = 0.946 mW/g

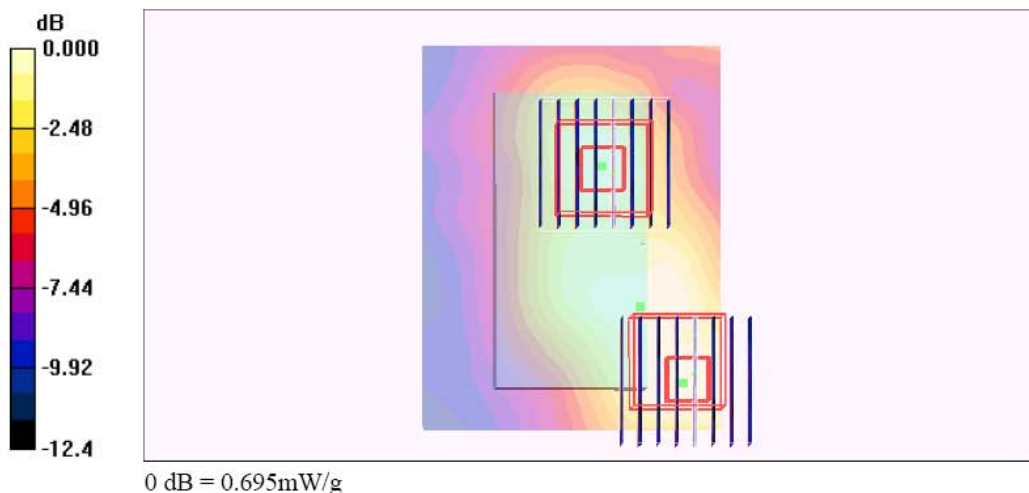
**Ch118/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.92 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 0.695 mW/g



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

Date: 2007/12/25

**Body\_802.11n Ch118\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 40M\_IBM 2653**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.65$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(4.09, 4.09, 4.09); 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

**Ch118/Area Scan (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.587 mW/g

**Ch118/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.18 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 0.600 mW/g

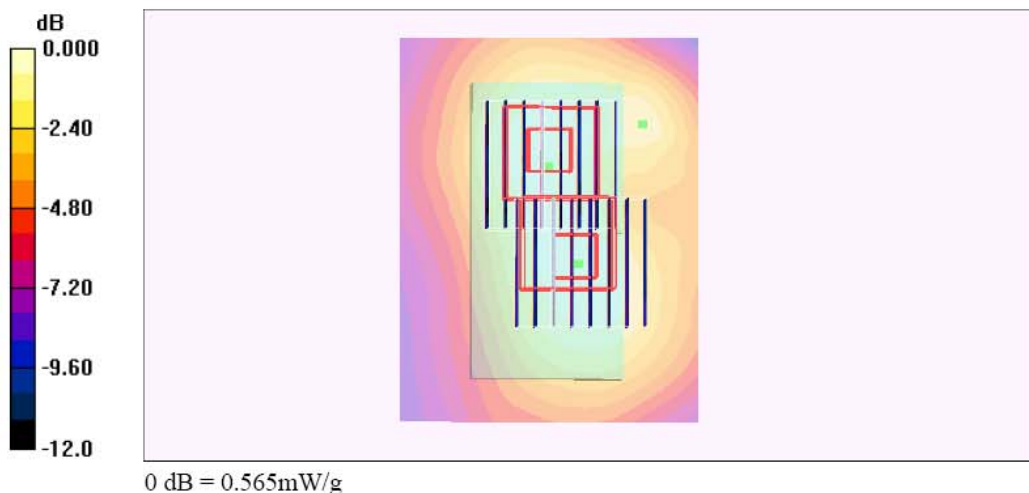
**Ch118/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.18 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.565 mW/g



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

Date: 2007/12/25

**Body\_802.11a Ch157\_NB Bottom with 0cm Gap\_Ant-1\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.787 mW/g

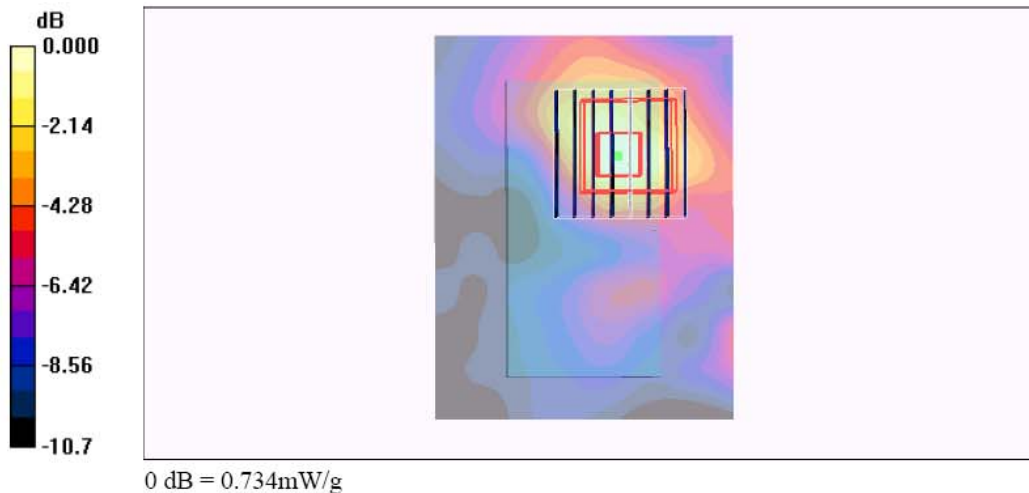
**Ch157/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.49 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.207 mW/g**

Maximum value of SAR (measured) = 0.734 mW/g



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

Date: 2007/12/25

**Body\_802.11a Ch157\_NB Bottom with 0cm Gap\_Ant-3\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.23 mW/g

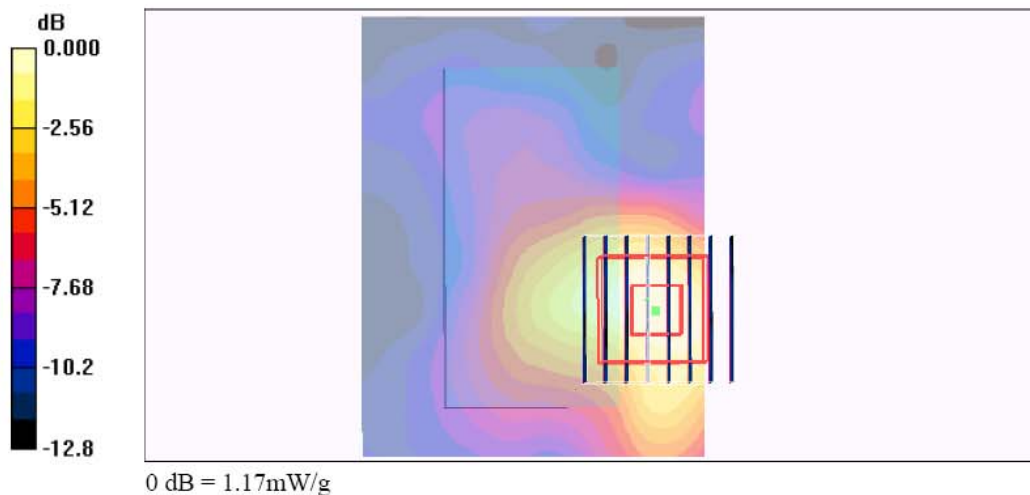
**Ch157/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.83 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 2.52 W/kg

**SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.312 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g





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

Date: 2007/12/25

**Body\_802.11n\_Ch157\_NB Bottom with 0cm Gap\_Ant-1\_BW 20M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.509 mW/g

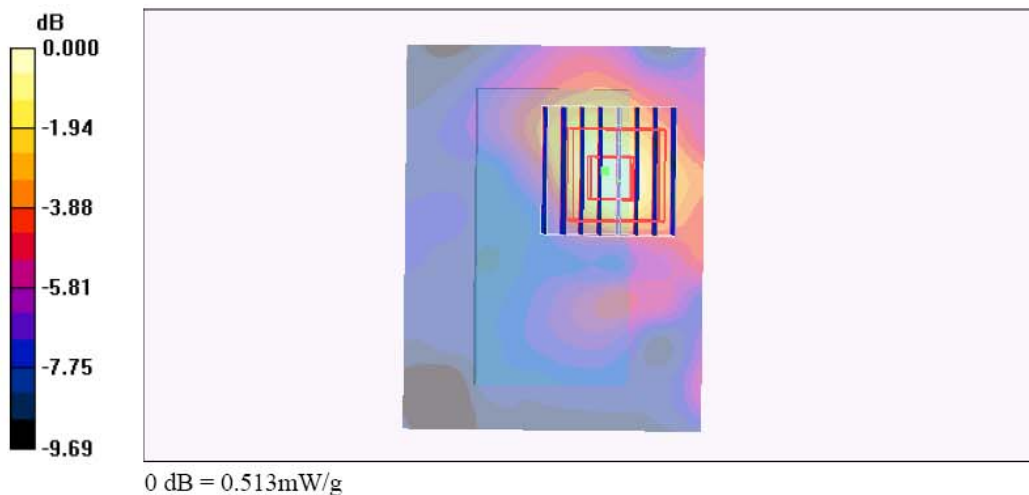
**Ch157/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.77 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.164 mW/g**

Maximum value of SAR (measured) = 0.513 mW/g



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

Date: 2007/12/25

**Body\_802.11n\_Ch157\_NB Bottom with 0cm Gap\_Ant-3\_BW 20M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.843 mW/g

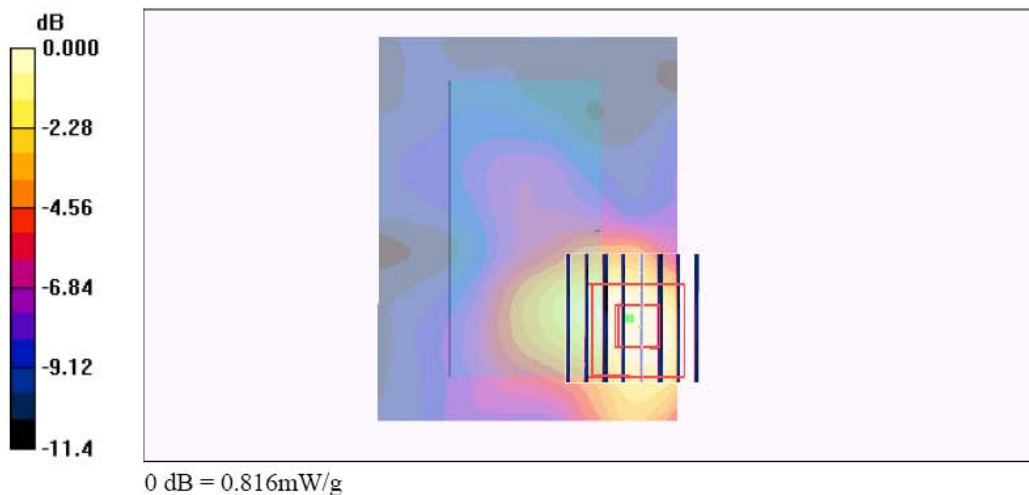
**Ch157/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.35 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 0.816 mW/g



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

Date/Time: 2007/12/25

**Body\_802.11n Ch157\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 20M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.897 mW/g

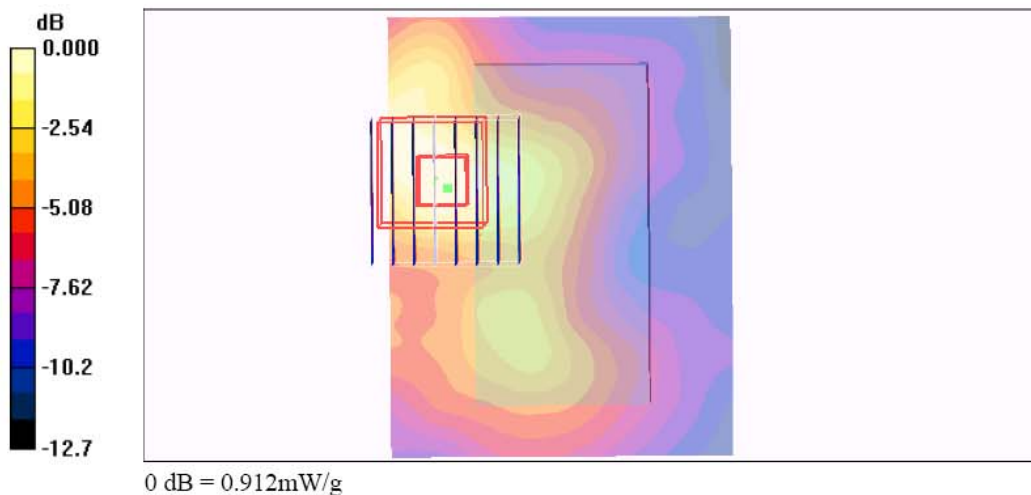
**Ch157/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.15 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.252 mW/g**

Maximum value of SAR (measured) = 0.912 mW/g



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

Date: 2007/12/25

**Body\_802.11n Ch151\_NB Bottom with 0cm Gap\_Ant-1\_BW 40M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.739 mW/g

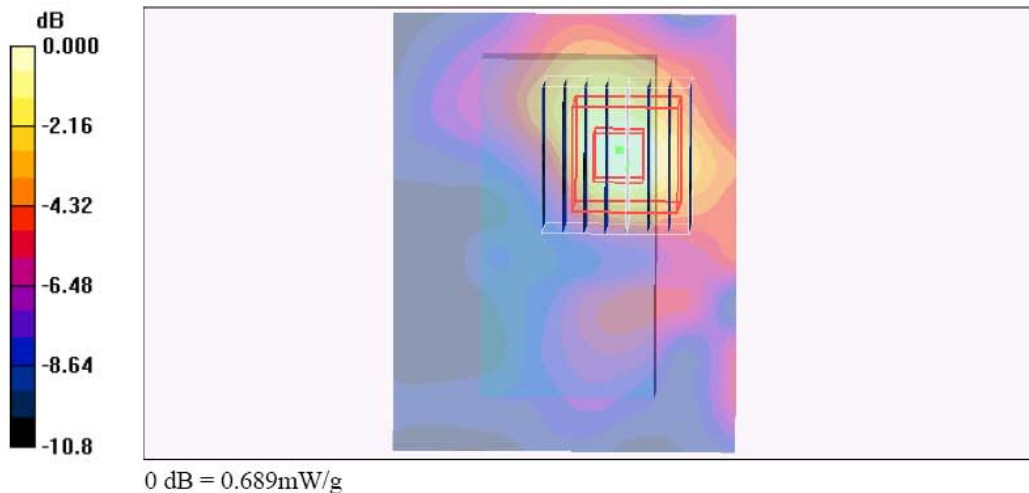
**Ch151/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.76 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.192 mW/g**

Maximum value of SAR (measured) = 0.689 mW/g



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

Date: 2007/12/25

**Body\_802.11n\_Ch151\_NB Bottom with 0cm Gap\_Ant-3\_BW 40M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.42 mW/g

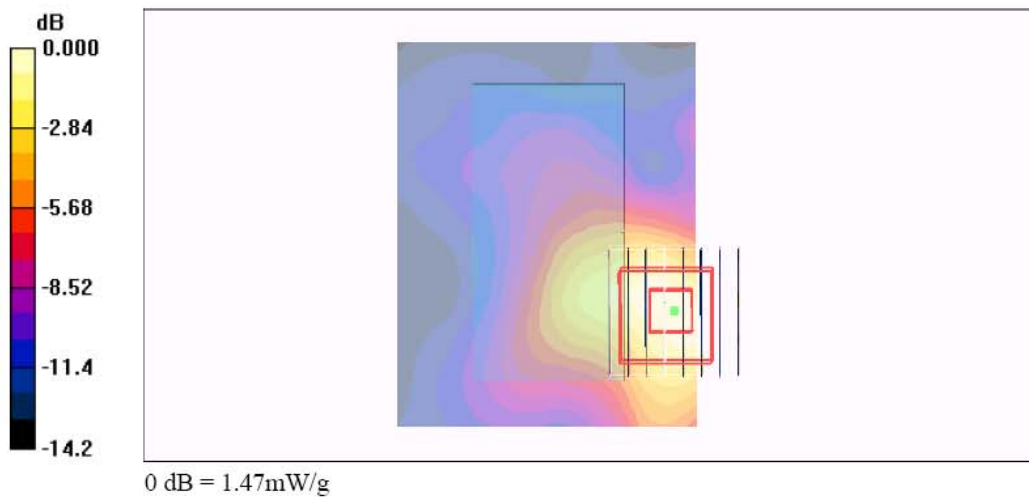
**Ch151/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.21 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 3.13 W/kg

**SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.371 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g



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

Date: 2007/12/25

**Body\_802.11n Ch151\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 40M\_DELL D500**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.50 mW/g

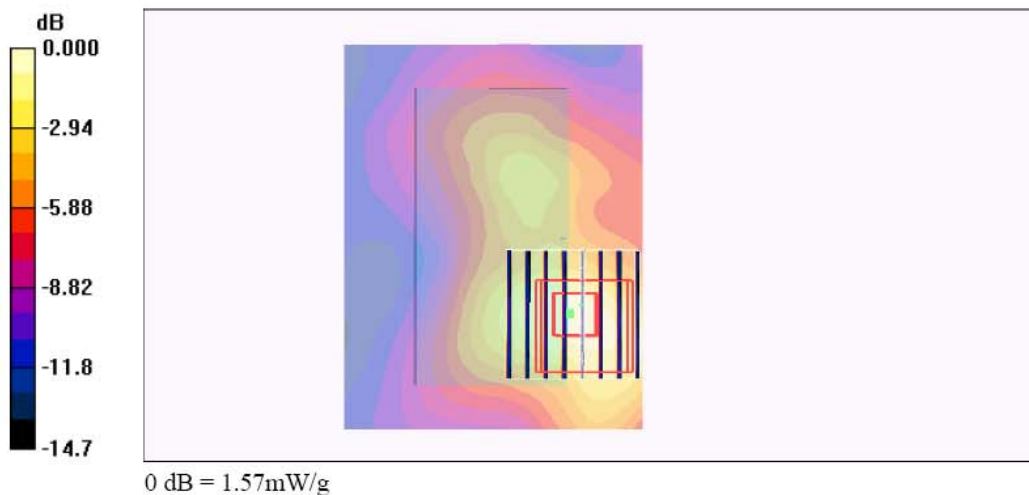
**Ch151/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.34 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 3.28 W/kg

**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.387 mW/g**

Maximum value of SAR (measured) = 1.57 mW/g



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

Date: 2007/12/25

**Body\_802.11n Ch151\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 40M\_DELL M2300**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.895 mW/g

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

Reference Value = 6.76 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 1.98 W/kg

**SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 0.827 mW/g

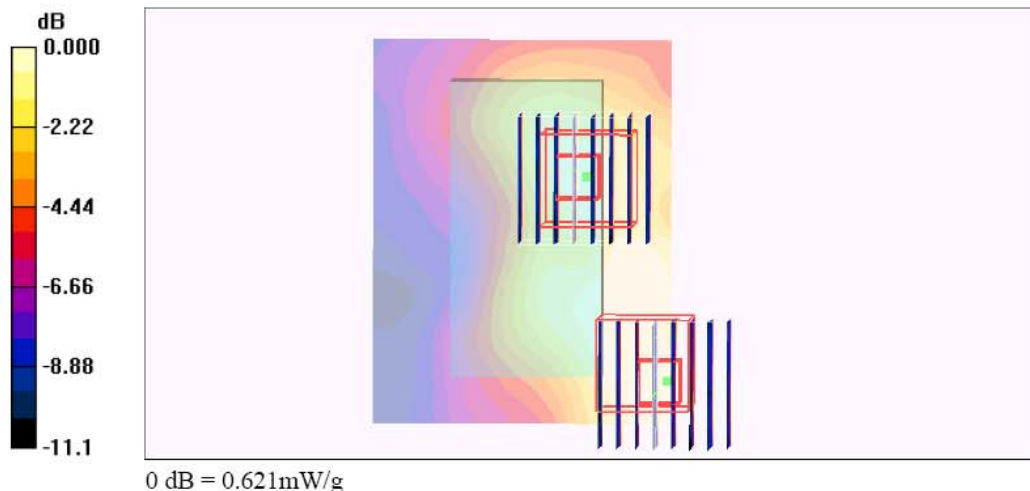
**Ch151/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.76 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.188 mW/g**

Maximum value of SAR (measured) = 0.621 mW/g



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

Date: 2007/12/25

**Body\_802.11n Ch151\_NB Bottom with 0cm Gap\_Ant-1&3 2Tx\_BW 40M\_IBM 2653**

**DUT: 7D1410**

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

Medium: MSL\_5G Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.88$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 (91x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.614 mW/g

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

Reference Value = 6.25 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.184 mW/g**

Maximum value of SAR (measured) = 0.628 mW/g

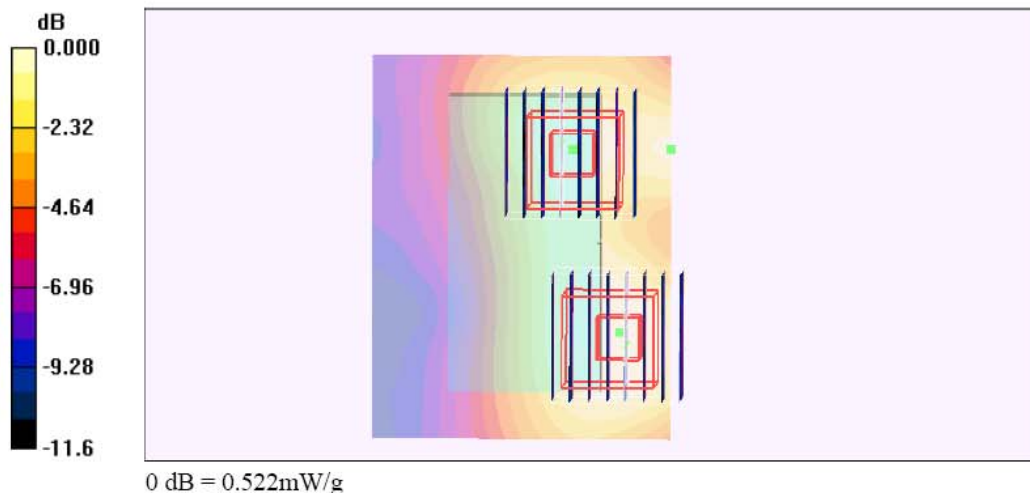
**Ch151/Zoom Scan (8x8x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.25 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.156 mW/g**

Maximum value of SAR (measured) = 0.522 mW/g





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

Date: 2007/12/26

**Body\_802.11b Ch6\_NB Bottom with 0cm Gap\_Ant-3\_DELL D500\_2D**

**DUT: 7D1410**

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

Medium: MSL\_2450 Medium parameters used: f = 2437 MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Ch6/Area Scan (61x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.343 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.595 W/kg

**SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.331 mW/g

