

Test of: Dell Inc.

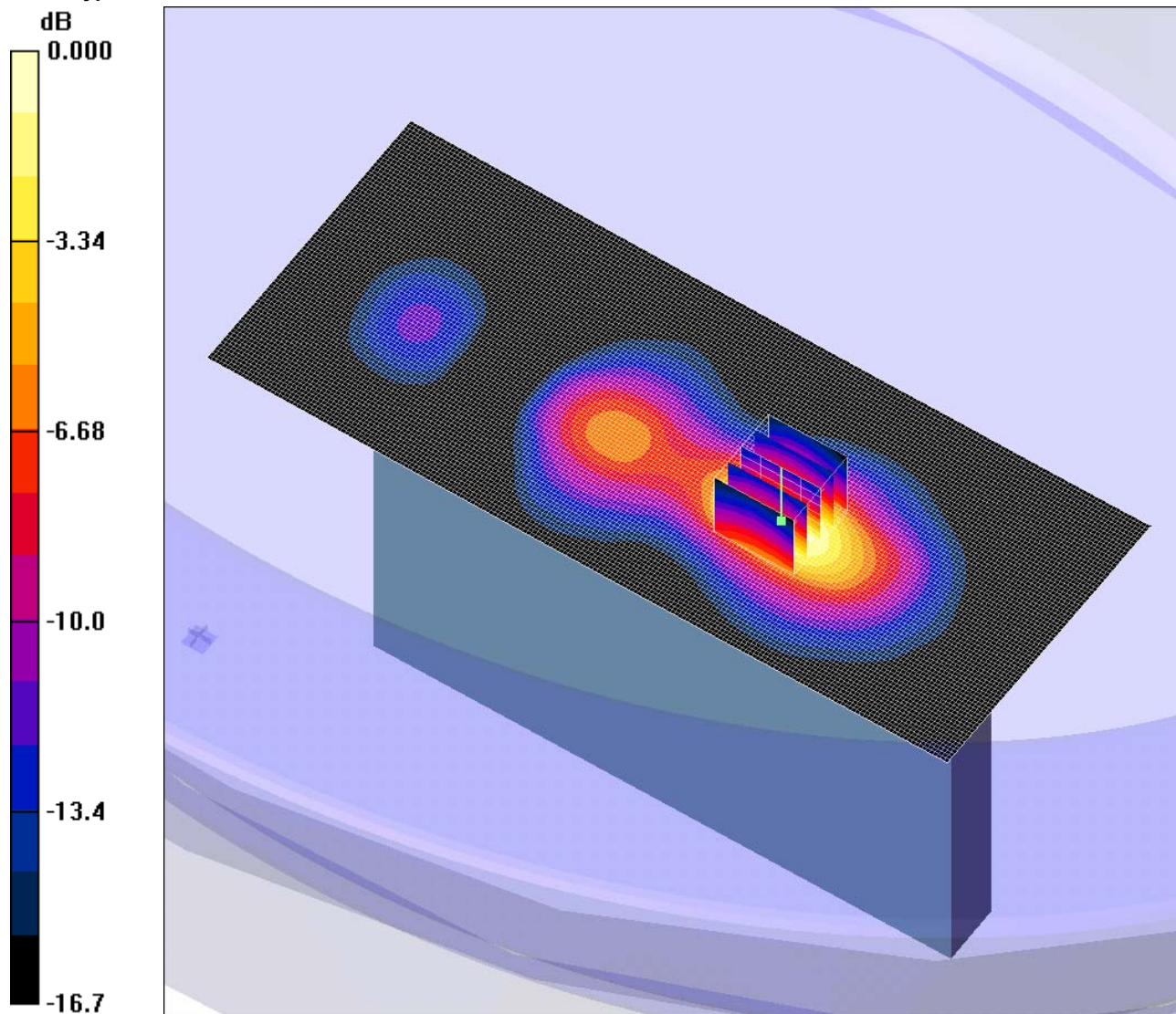
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/023: Top of EUT Facing Phantom GPRS CH512 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 0.913mW/g

Communication System: EGPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Low/Area Scan (81x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.918 mW/g

**Top of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 0.913 mW/g

Test of: Dell Inc.

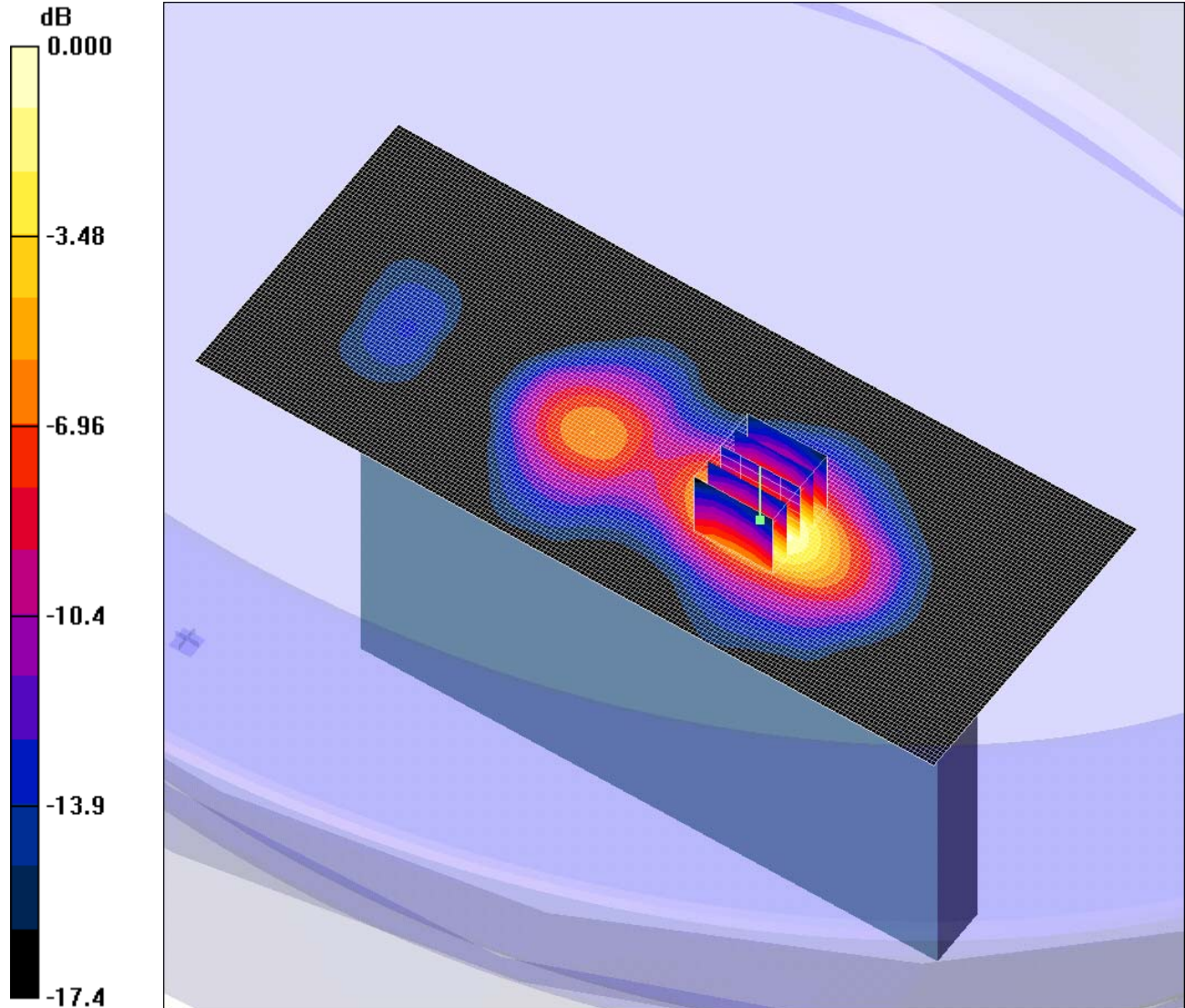
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/024: Top of EUT Facing Phantom EGPRS CH810 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 0.697mW/g

Communication System: EGPRS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 25/06/2008
- Phantom: basin; Type: 3mm;
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - High/Area Scan (81x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.699 mW/g

**Top of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.68 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.344 mW/g**

Maximum value of SAR (measured) = 0.697 mW/g

Test of: Dell Inc.

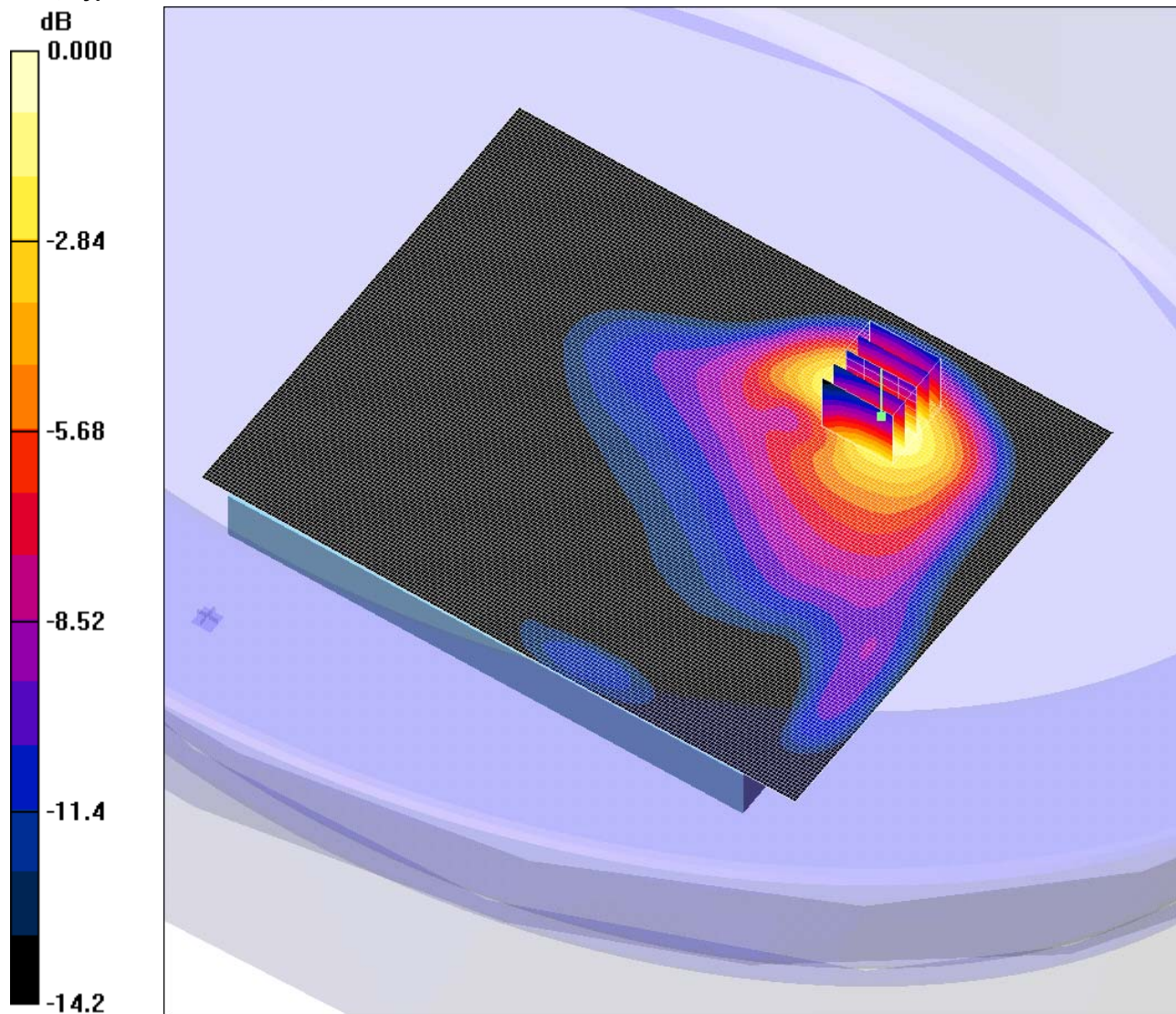
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/025: Rear of Screen Facing Phantom GPRS CH189 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 1.38mW/g

Communication System: GPRS 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of Screen Facing Phantom - Middle 5mm/Area Scan (141x181x1):** Measurement grid: dx=15mm, dy=15mm

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

**Rear of Screen Facing Phantom - Middle 5mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.82 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.765 mW/g**

Maximum value of SAR (measured) = 1.38 mW/g

Test of: Dell Inc.

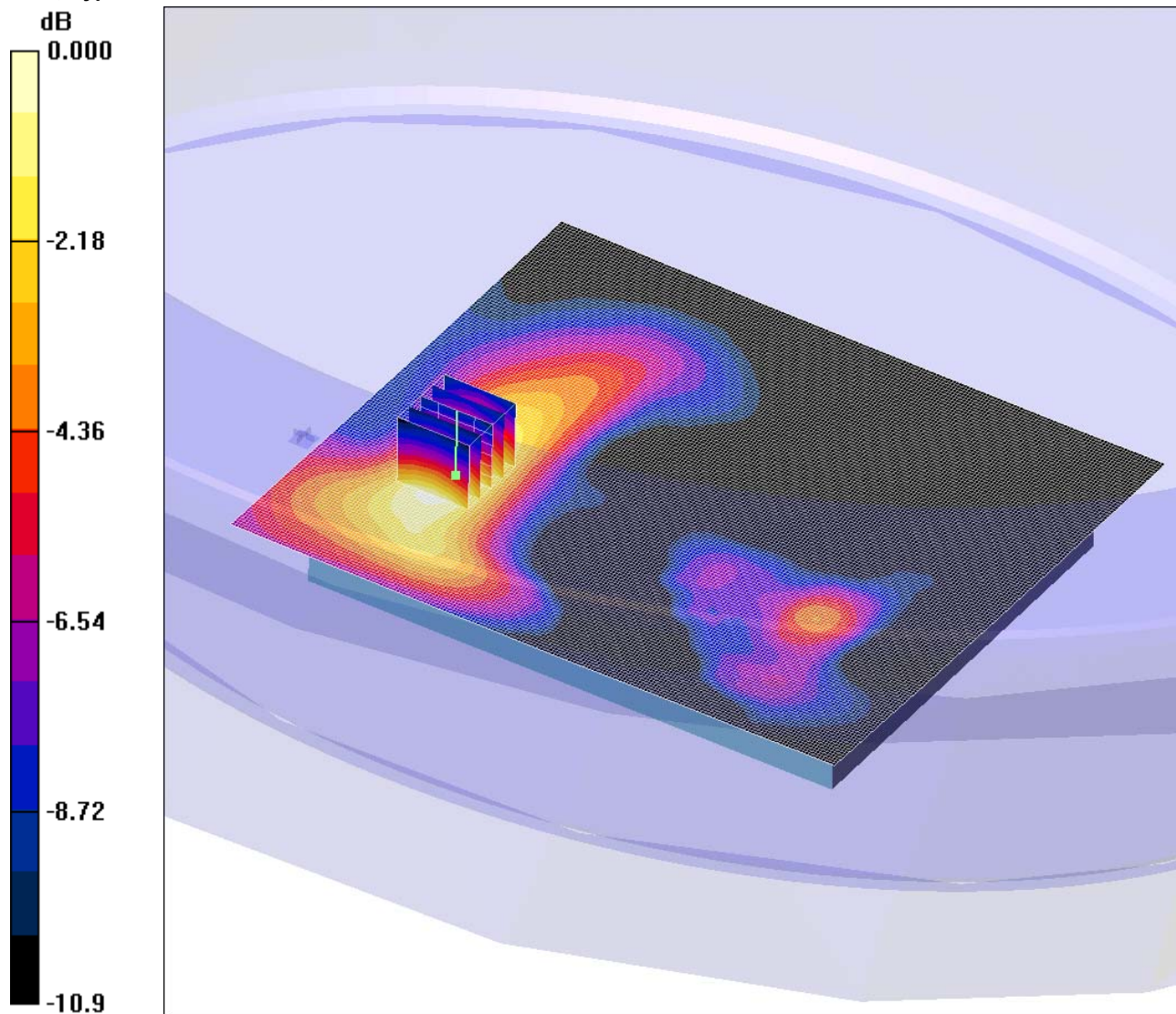
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/026: Base of EUT Facing Phantom GPRS CH189 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 0.030mW/g

Communication System: GPRS 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Base of Screen Facing Phantom - Middle 5mm/Area Scan (151x181x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.030 mW/g

**Base of Screen Facing Phantom - Middle 5mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.35 V/m; Power Drift = 0.525 dB

Peak SAR (extrapolated) = 0.038 W/kg

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.019 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g

Test of: Dell Inc.

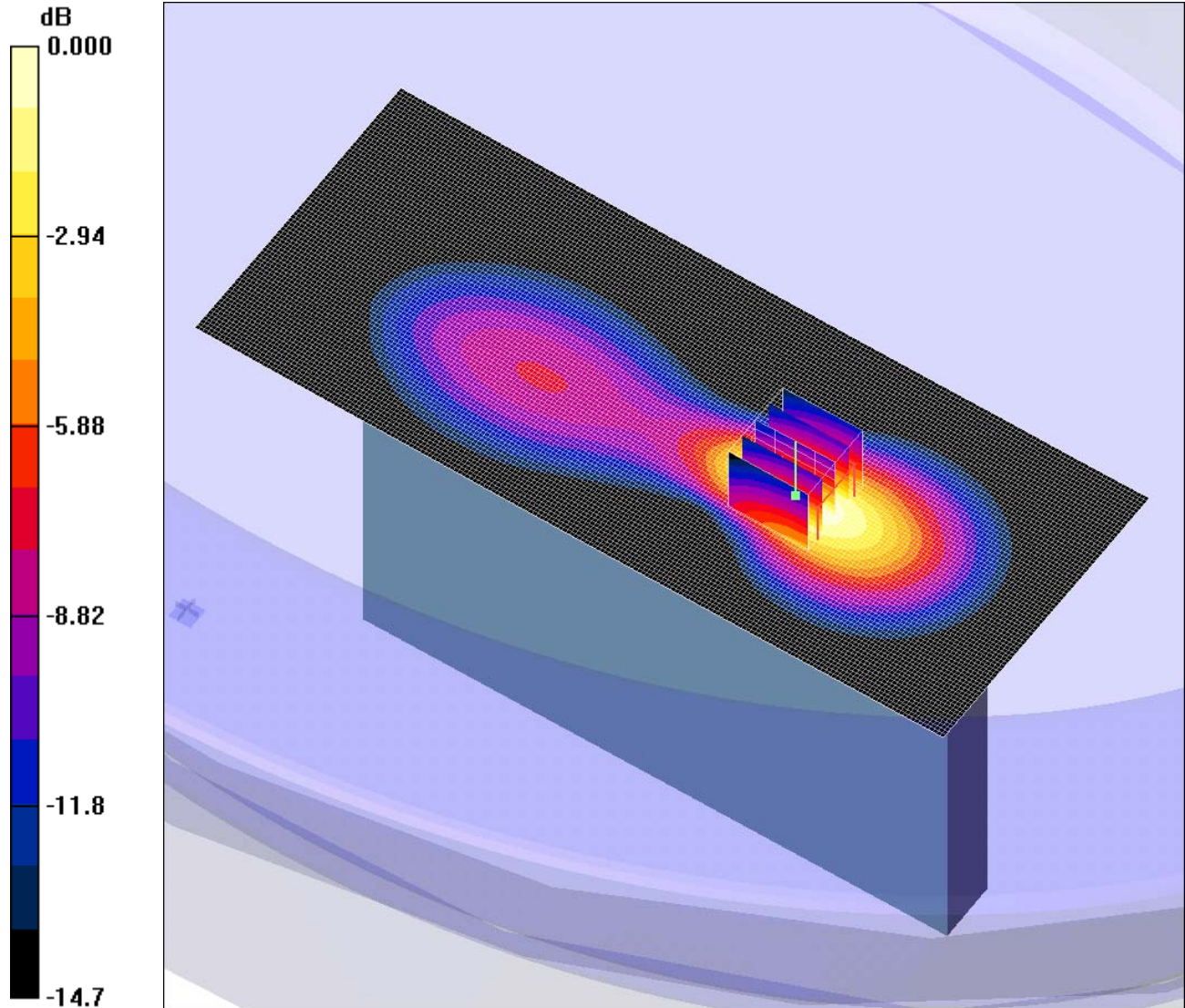
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/027: Top of EUT Facing Phantom GPRS CH189 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 0.973mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Middle/Area Scan (81x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.947 mW/g

**Top of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.509 mW/g**

Maximum value of SAR (measured) = 0.973 mW/g

Test of: Dell Inc.

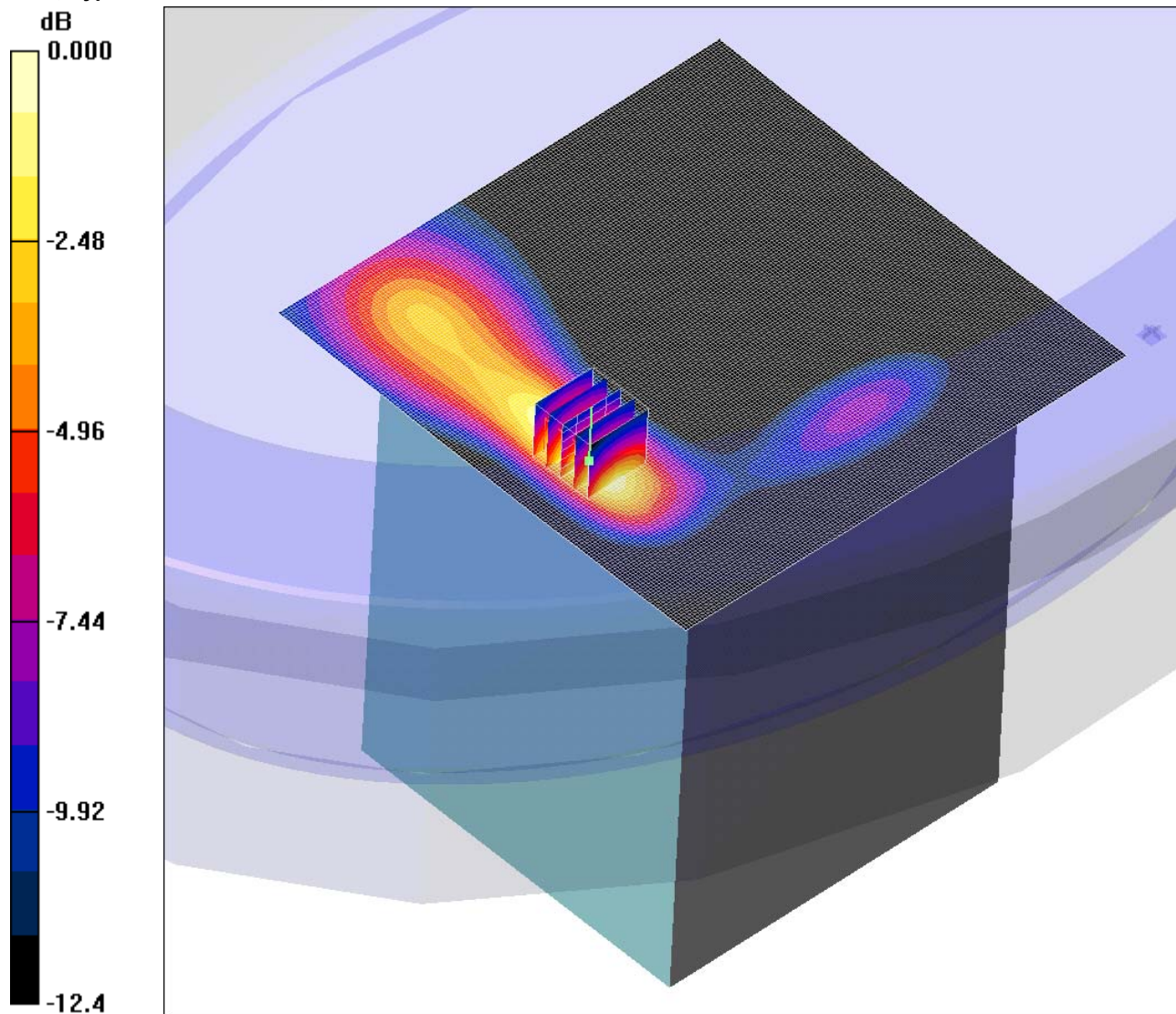
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/028: Left Hand Side of EUT Facing Phantom GPRS CH189 at 5mm

Date: 07/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 0.322mW/g

Communication System: GPRS 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (161x161x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.79 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.450 W/kg

**SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.322 mW/g

Test of: Dell Inc.

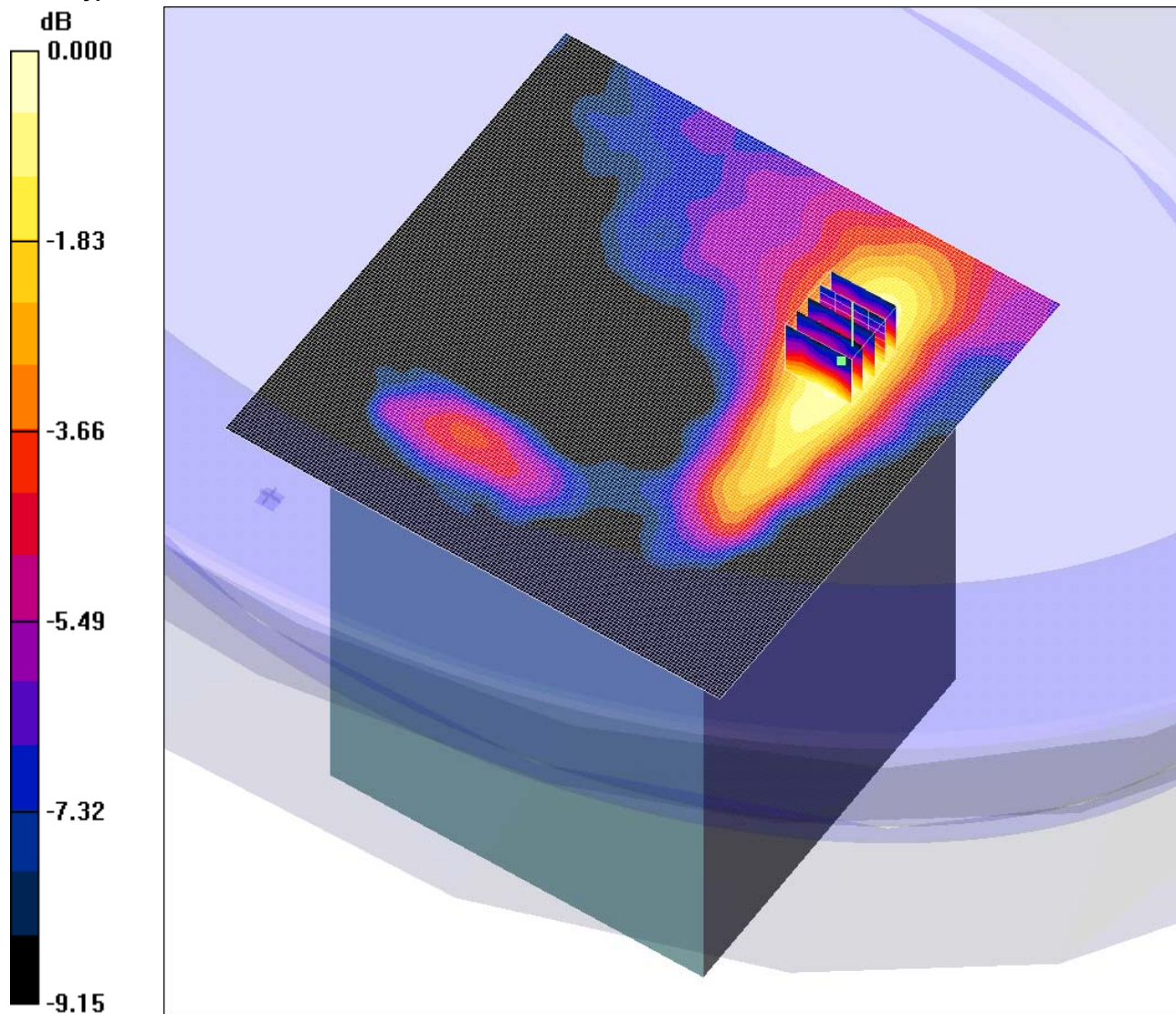
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/029: Right Hand Side of EUT Facing Phantom GPRS CH189 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 0.044mW/g

Communication System: GPRS 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Right Hand Side of EUT Facing Phantom - Middle/Area Scan (161x161x1):** Measurement grid: dx=15mm, dy=15mm

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

**Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.36 V/m; Power Drift = -0.305 dB

Peak SAR (extrapolated) = 0.059 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.028 mW/g**

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

Test of: Dell Inc.

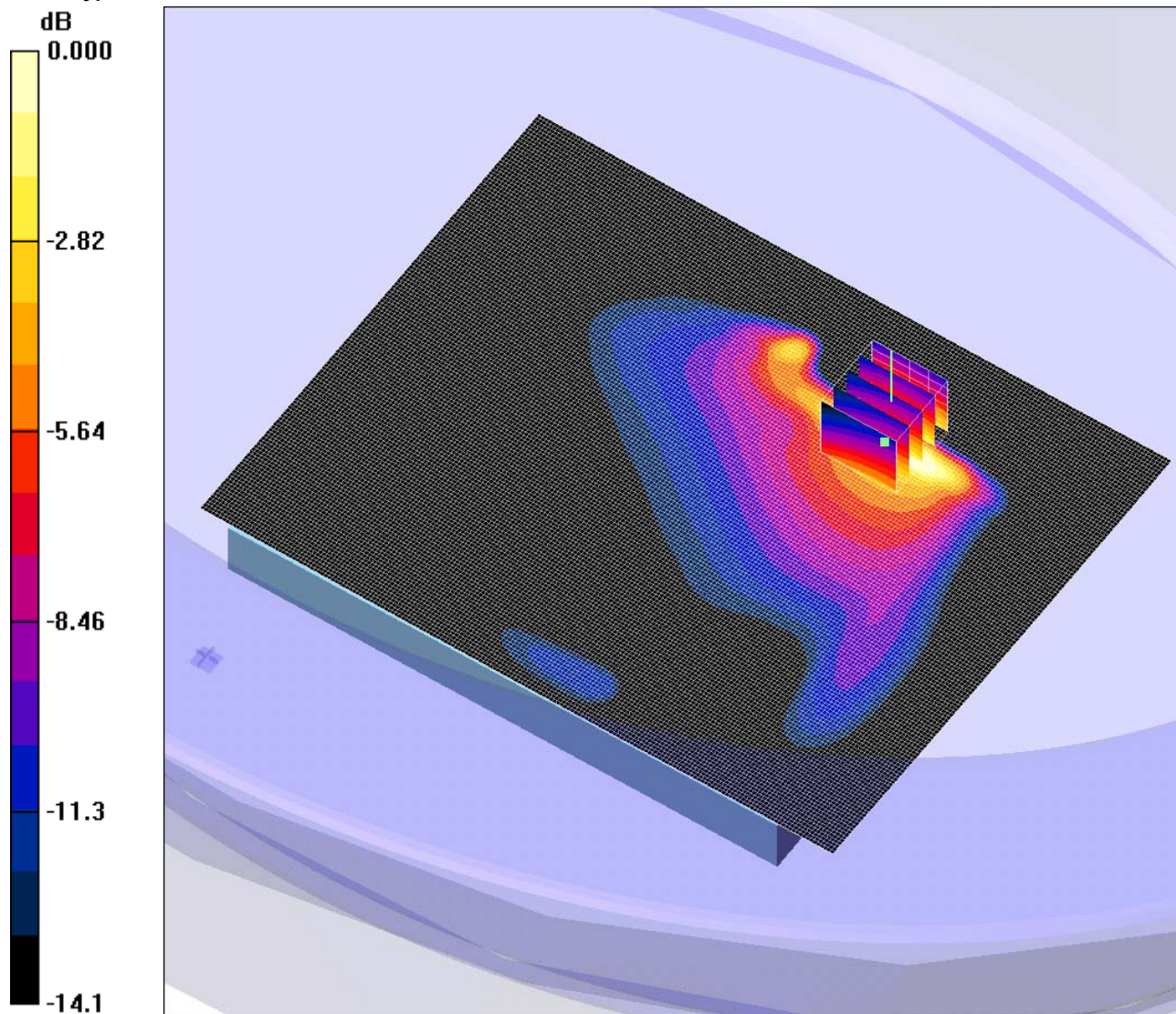
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/030: Rear of Screen Facing Phantom GPRS CH128 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 1.49mW/g

Communication System: GPRS 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of Screen Facing Phantom - Low 5mm/Area Scan (141x181x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.16 mW/g

**Rear of Screen Facing Phantom - Low 5mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.63 V/m; Power Drift = 0.366 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.762 mW/g**

Maximum value of SAR (measured) = 1.49 mW/g



Test of: Dell Inc.

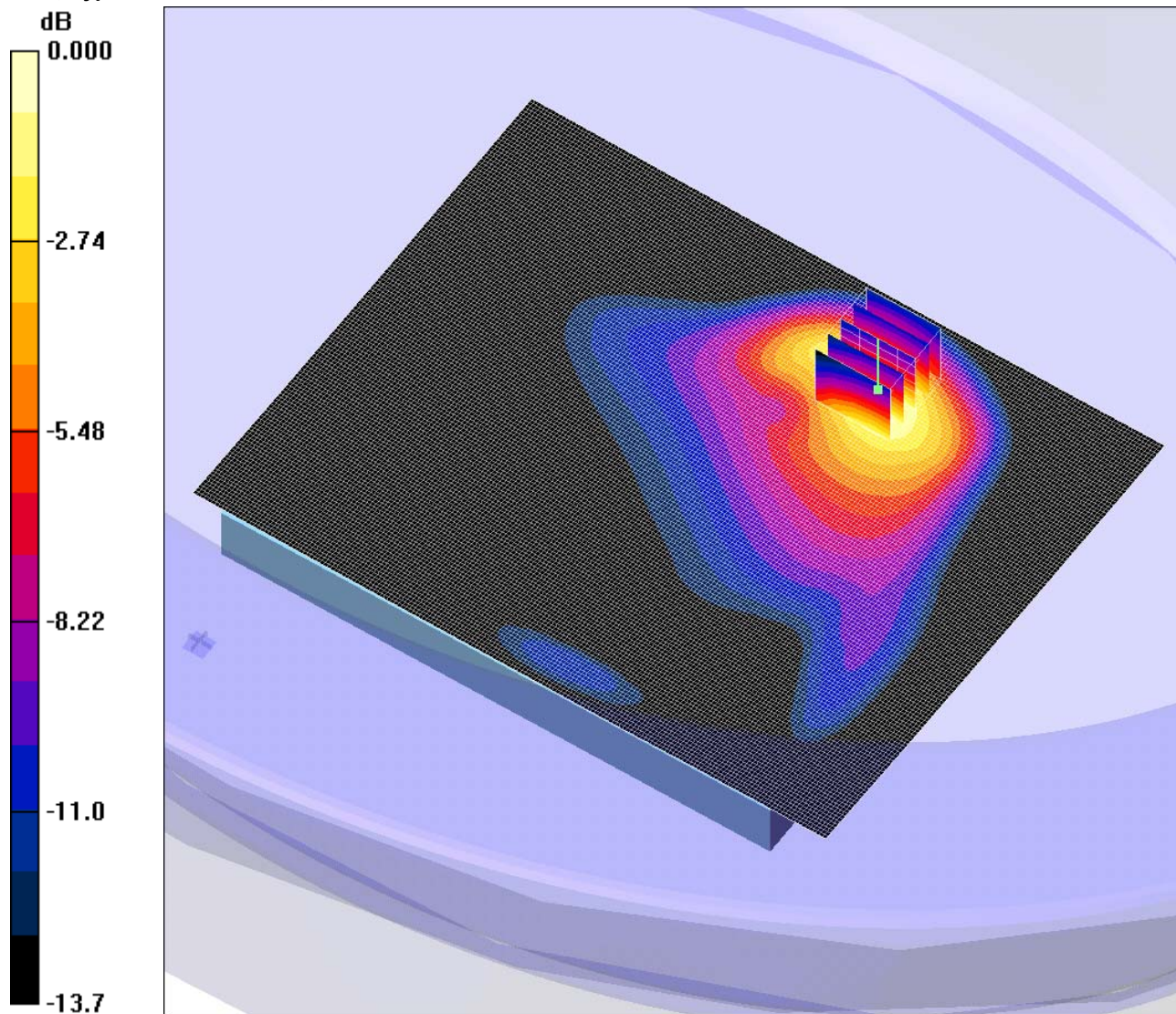
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/031: Rear of Screen Facing Phantom GPRS CH251 at 5mm

Date: 06/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 1.36mW/g

Communication System: GPRS 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of Screen Facing Phantom - High 5mm/Area Scan (141x181x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

**Rear of Screen Facing Phantom - High 5mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm,

Reference Value = 9.02 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.753 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g

Test of: Dell Inc.

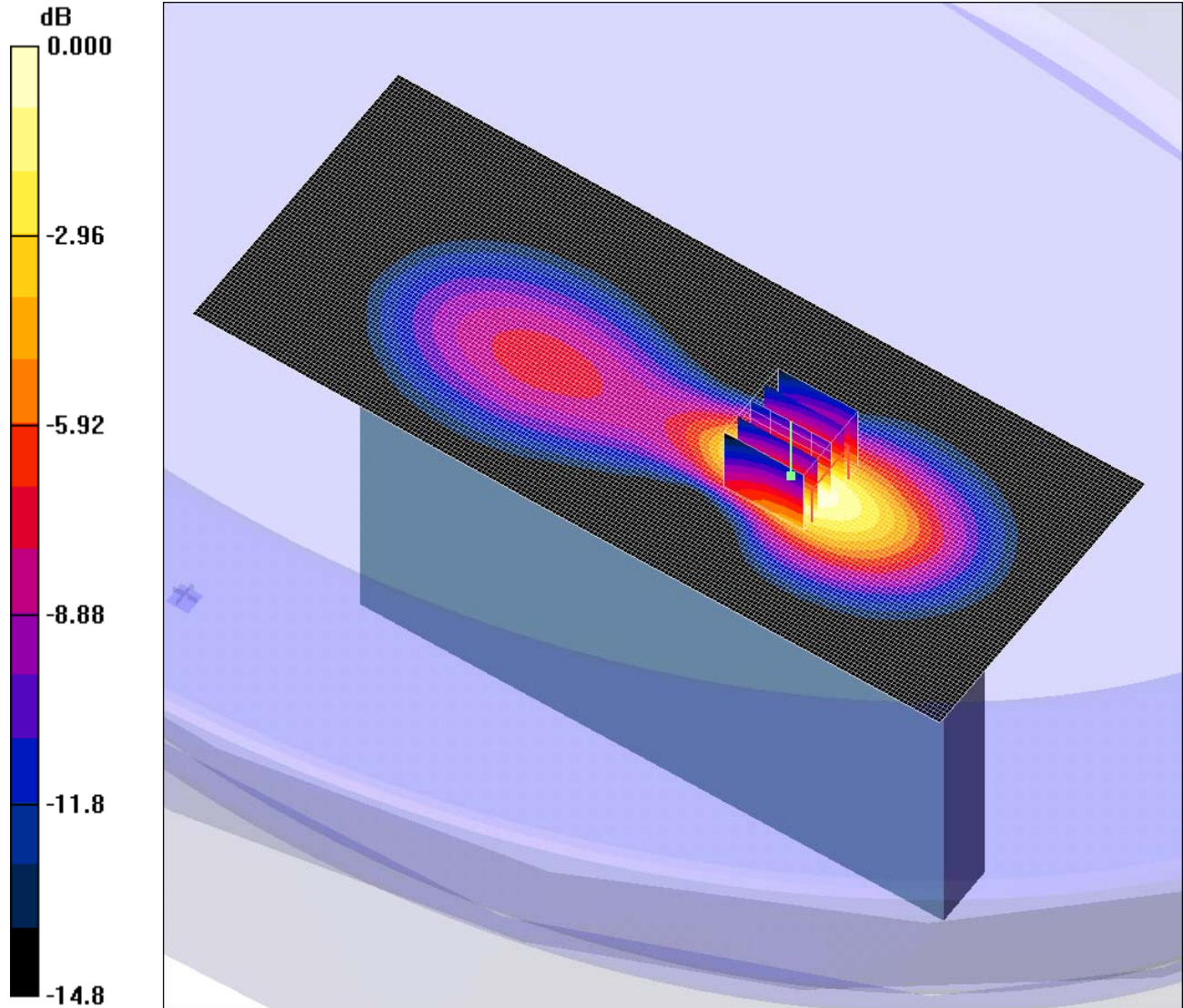
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/032: Top of EUT Facing Phantom GPRS CH251 at 5mm

Date: 07/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 1.24mW/g

Communication System: 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 25/06/2008
- Phantom: basin; Type: 3mm;
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - High/Area Scan (81x201x1):** Measurement grid: dx=15mm, dy=15mm

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

**Top of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.649 mW/g**

Maximum value of SAR (measured) = 1.24 mW/g

Test of: Dell Inc.

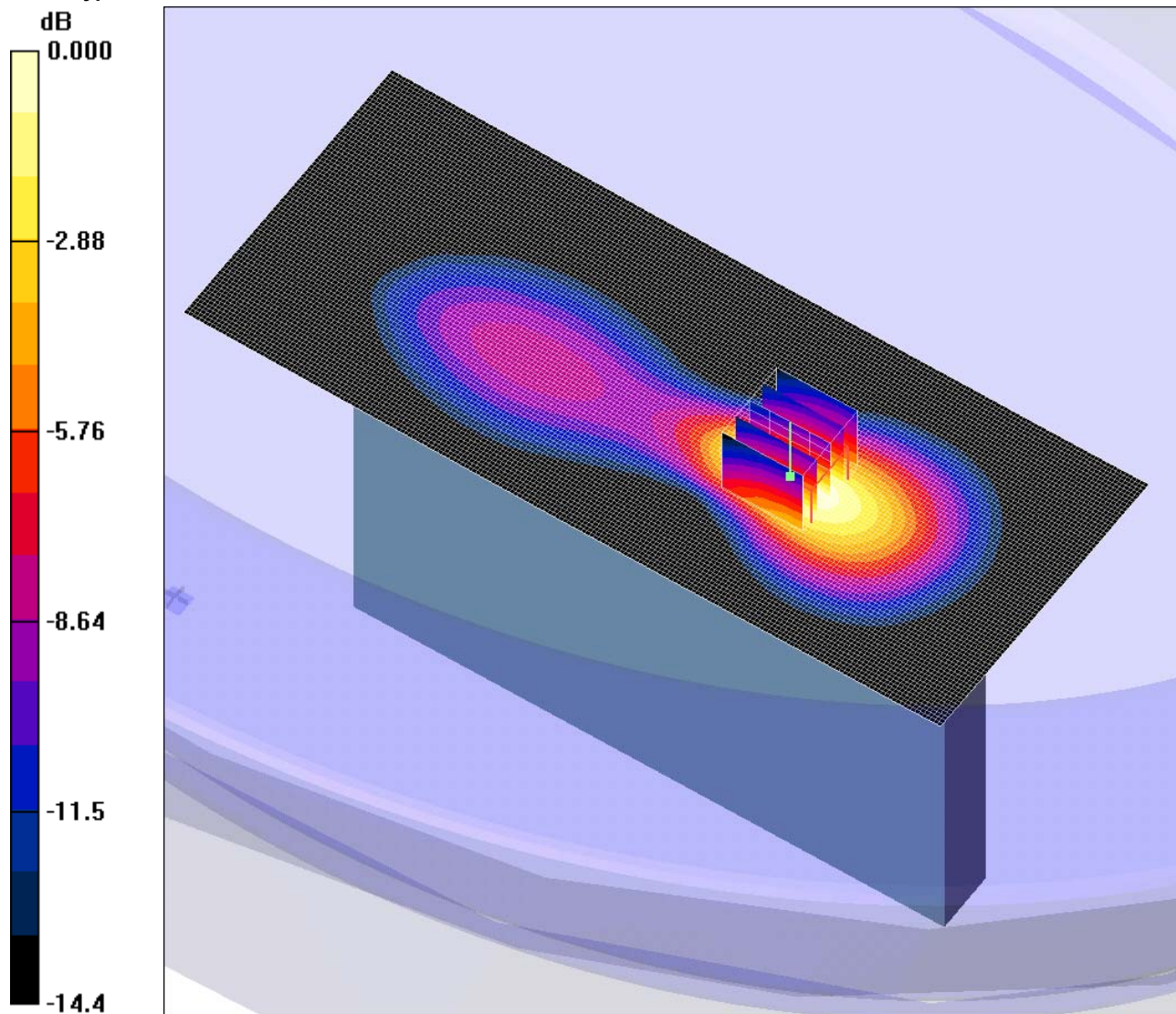
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/033: Top of EUT Facing Phantom GPRS CH128 at 5mm

Date: 07/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 0.925mW/g

Communication System: 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Low/Area Scan (81x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.913 mW/g

**Top of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.496 mW/g**

Maximum value of SAR (measured) = 0.925 mW/g

Test of: Dell Inc.

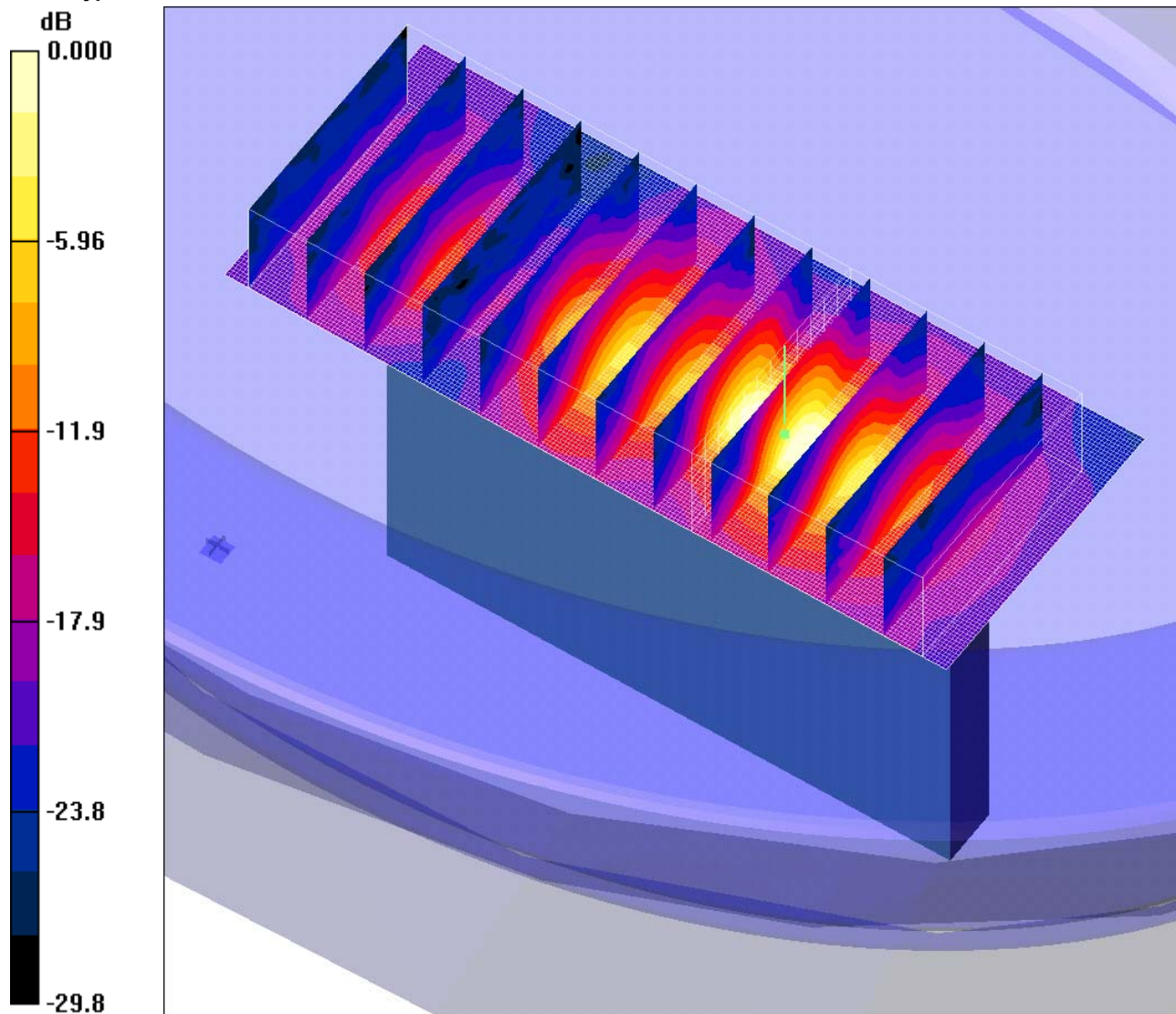
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/034: Top of EUT Facing Phantom With FDD2 CH9262 WiFi 802\_11b Broadcom CH6 &amp; Bluetooth Active at 5mm

Date: 07/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 1.10mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Middle/Area Scan (81x201x1):** Measurement grid: dx=15mm, dy=15mm

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

**Top of EUT Facing Phantom - Middle/Volume Scan (13x36x10):** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.615 mW/g**

Total Absorbed Power = 0.046931 W

Maximum value of SAR (measured) = 1.10 mW/g

Test of: Dell Inc.

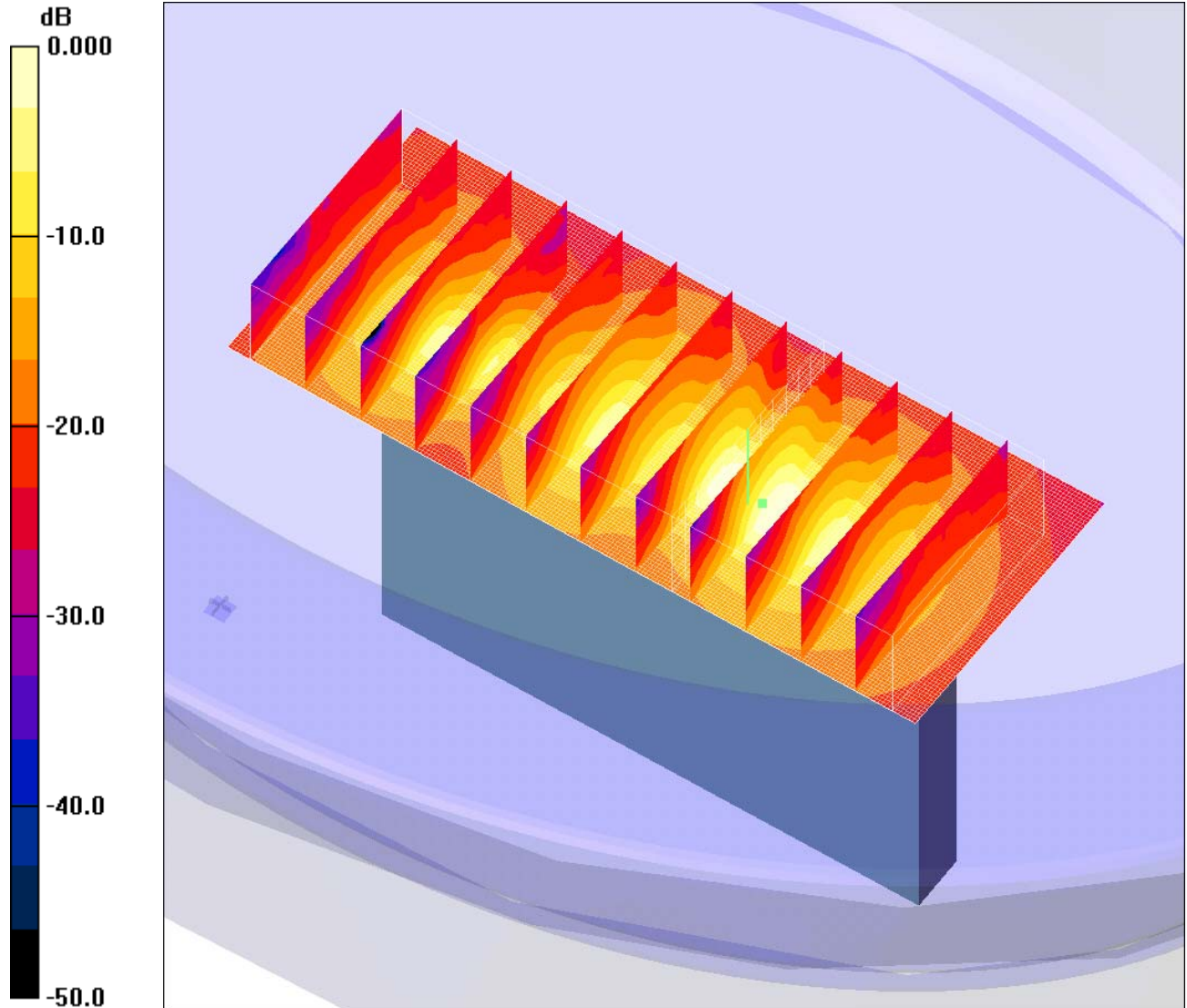
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/035: Top of EUT Facing Phantom With FDD2 CH9262 WiFi 802\_11g Atheros CH6 &amp; Bluetooth Active at 5mm

Date: 07/09/2008

DUT: DELL; Type: QIA-E2-C3 X01-00; Serial: CN0DEF381296185O2150X01



0 dB = 1.08mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: basin Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: basin; Type: 3mm;

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Middle/Area Scan (81x201x1):** Measurement grid: dx=15mm, dy=15mm

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

**Top of EUT Facing Phantom - Middle/Volume Scan (13x36x10):** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.617 mW/g**

Total Absorbed Power = 0.0527495 W

Maximum value of SAR (measured) = 1.08 mW/g

Test of: Dell Inc.

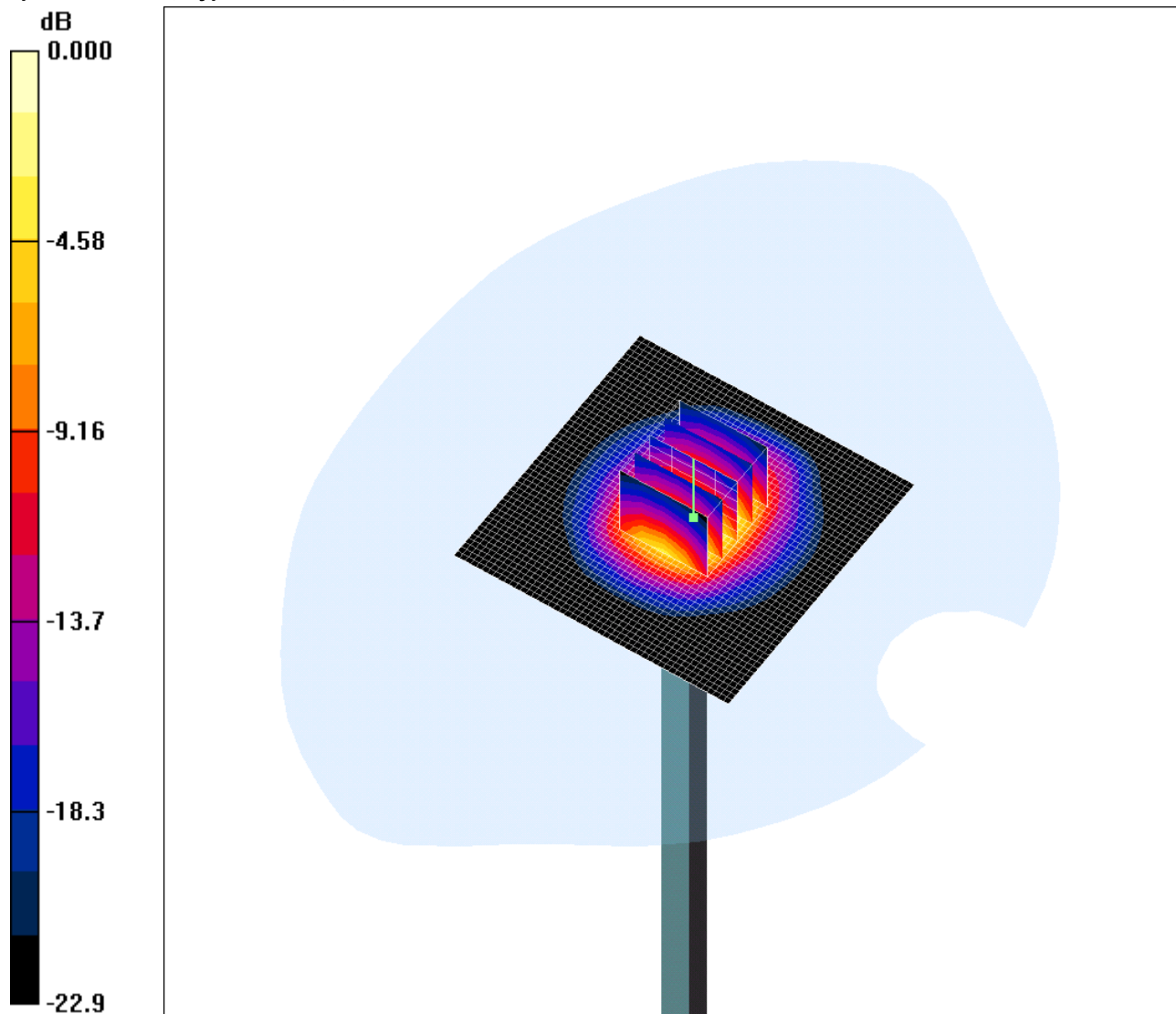
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/036: System Performance Check 2450MHz Body 22 08 08

Date: 22/08/2008

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 15.8mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 50.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.05, 4.05, 4.05); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW 1/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 19.0 mW/g

**d=10mm, Pin=250mW 1/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 28.7 W/kg

**SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.37 mW/g**

Maximum value of SAR (measured) = 15.8 mW/g

Test of: Dell Inc.

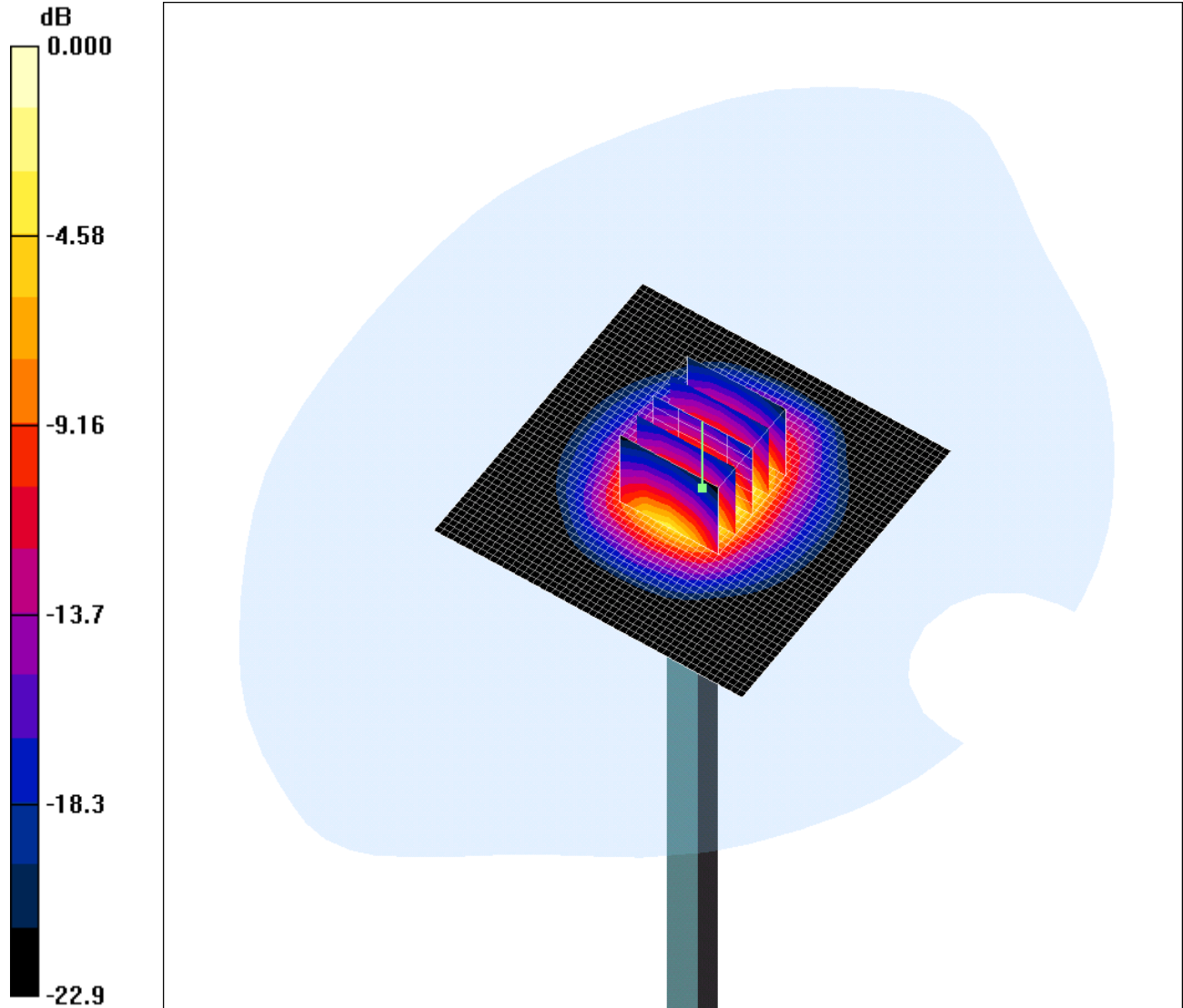
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/037: System Performance Check 2450MHz Body 24 08 08

Date: 24/08/2008

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 16.2mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.05, 4.05, 4.05); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW 1/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 19.5 mW/g

**d=10mm, Pin=250mW 1/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.9 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 29.6 W/kg

**SAR(1 g) = 14.3 mW/g; SAR(10 g) = 6.59 mW/g**

Maximum value of SAR (measured) = 16.2 mW/g

Test of: Dell Inc.

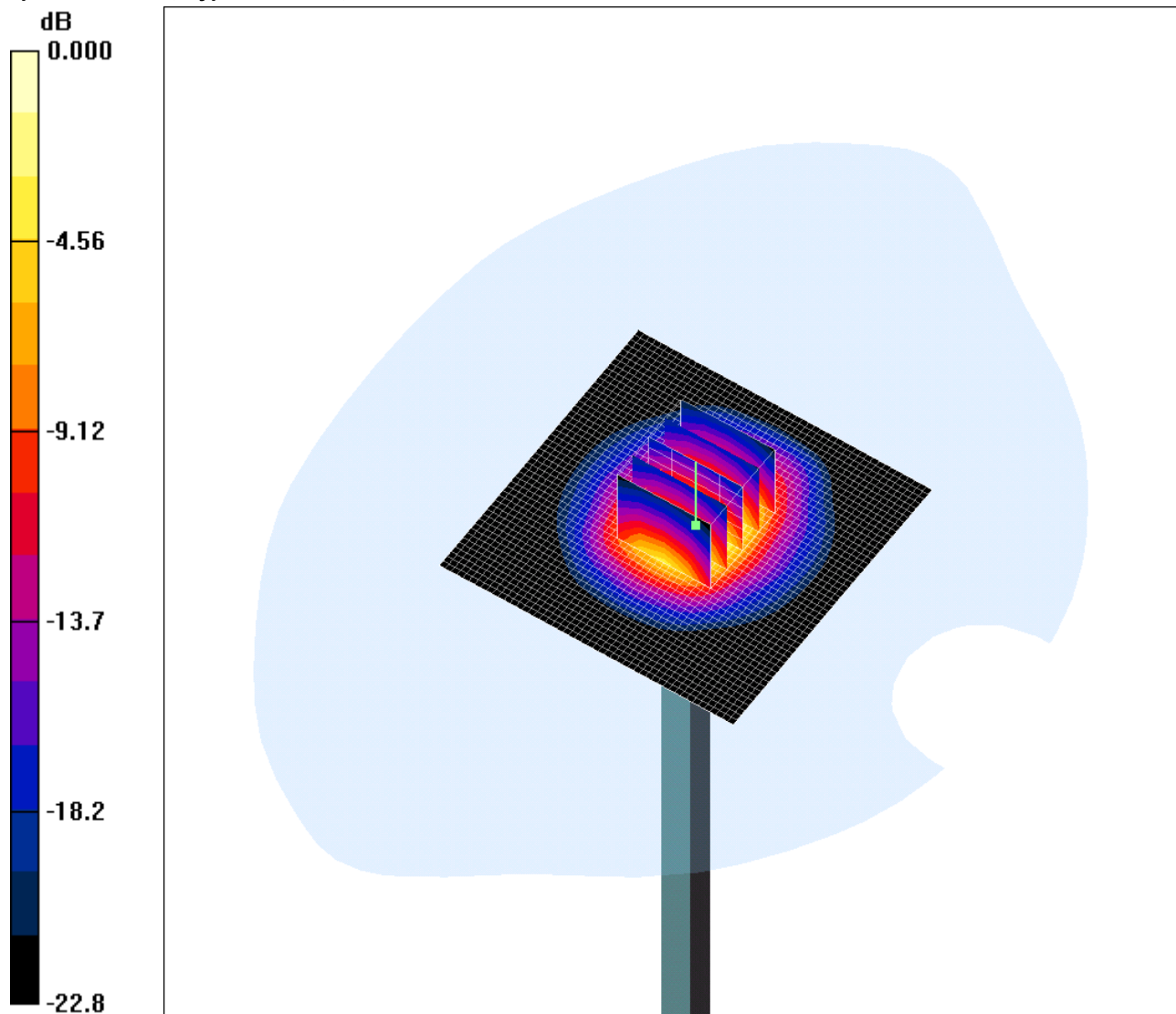
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/038: System Performance Check 2450MHz Body 25 08 08

Date: 25/08/2008

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 16.3mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.05, 4.05, 4.05); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW 1/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 19.6 mW/g

**d=10mm, Pin=250mW 1/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.0 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 29.5 W/kg

**SAR(1 g) = 14.3 mW/g; SAR(10 g) = 6.57 mW/g**

Maximum value of SAR (measured) = 16.3 mW/g



Test of: Dell Inc.

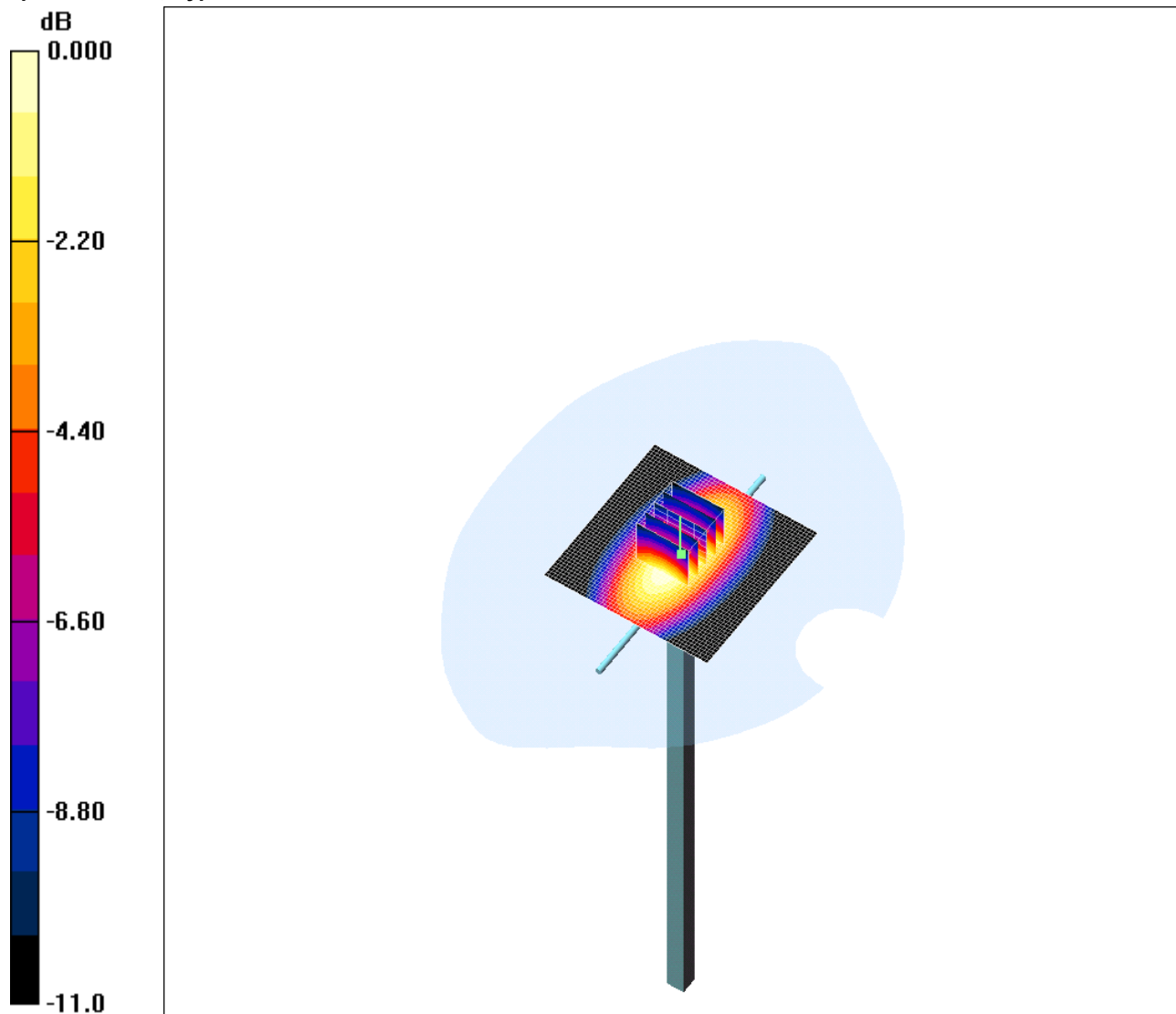
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/039: System Performance Check 900MHz Body 04 09 08

Date: 04/09/2008

DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:124



0 dB = 2.81mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.91 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.4 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 3.82 W/kg

**SAR(1 g) = 2.6 mW/g; SAR(10 g) = 1.69 mW/g**

Maximum value of SAR (measured) = 2.81 mW/g

Test of: Dell Inc.

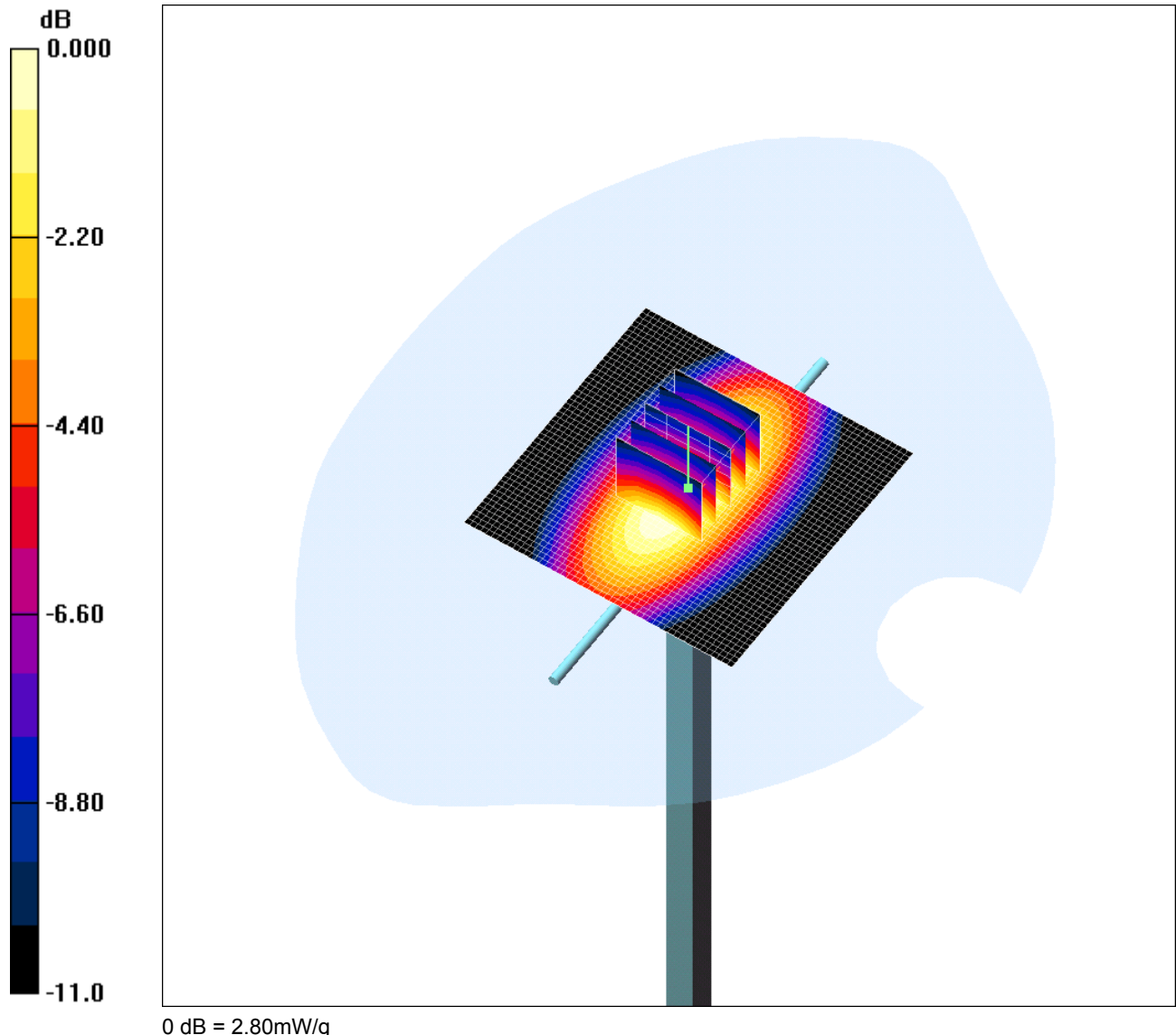
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/040: System Performance Check 900MHz Body 06 09 08

Date: 06/09/2008

DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:124



Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(5.79, 5.79, 5.79); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.92 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.7 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 3.81 W/kg

**SAR(1 g) = 2.6 mW/g; SAR(10 g) = 1.69 mW/g**

Maximum value of SAR (measured) = 2.80 mW/g

Test of: Dell Inc.

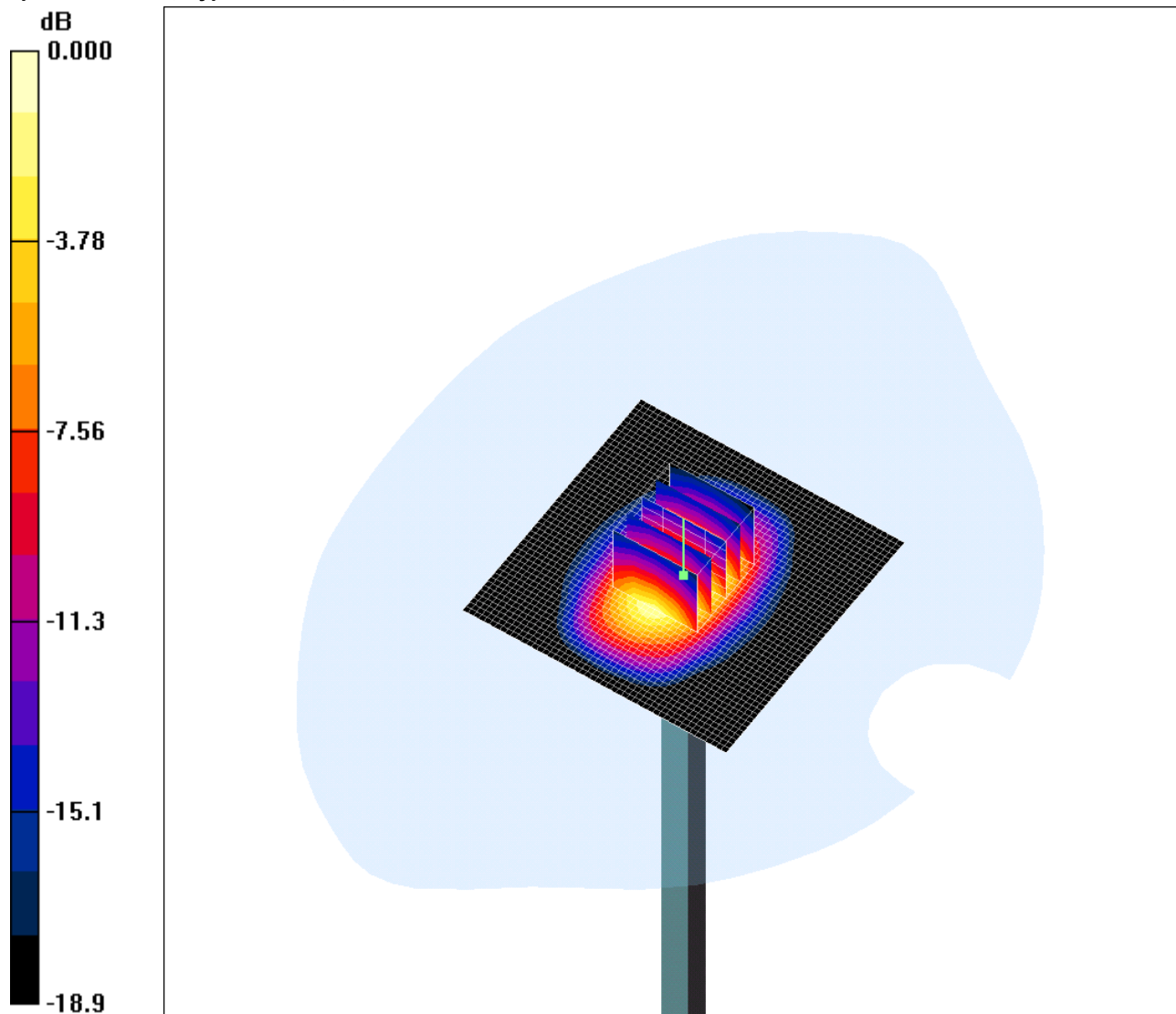
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/041: System Performance Check 1900MHz Body 04 09 08

Date: 04/09/2008

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.0mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.2 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.6 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 18.3 W/kg

**SAR(1 g) = 9.89 mW/g; SAR(10 g) = 5.03 mW/g**

Maximum value of SAR (measured) = 11.0 mW/g

Test of: Dell Inc.

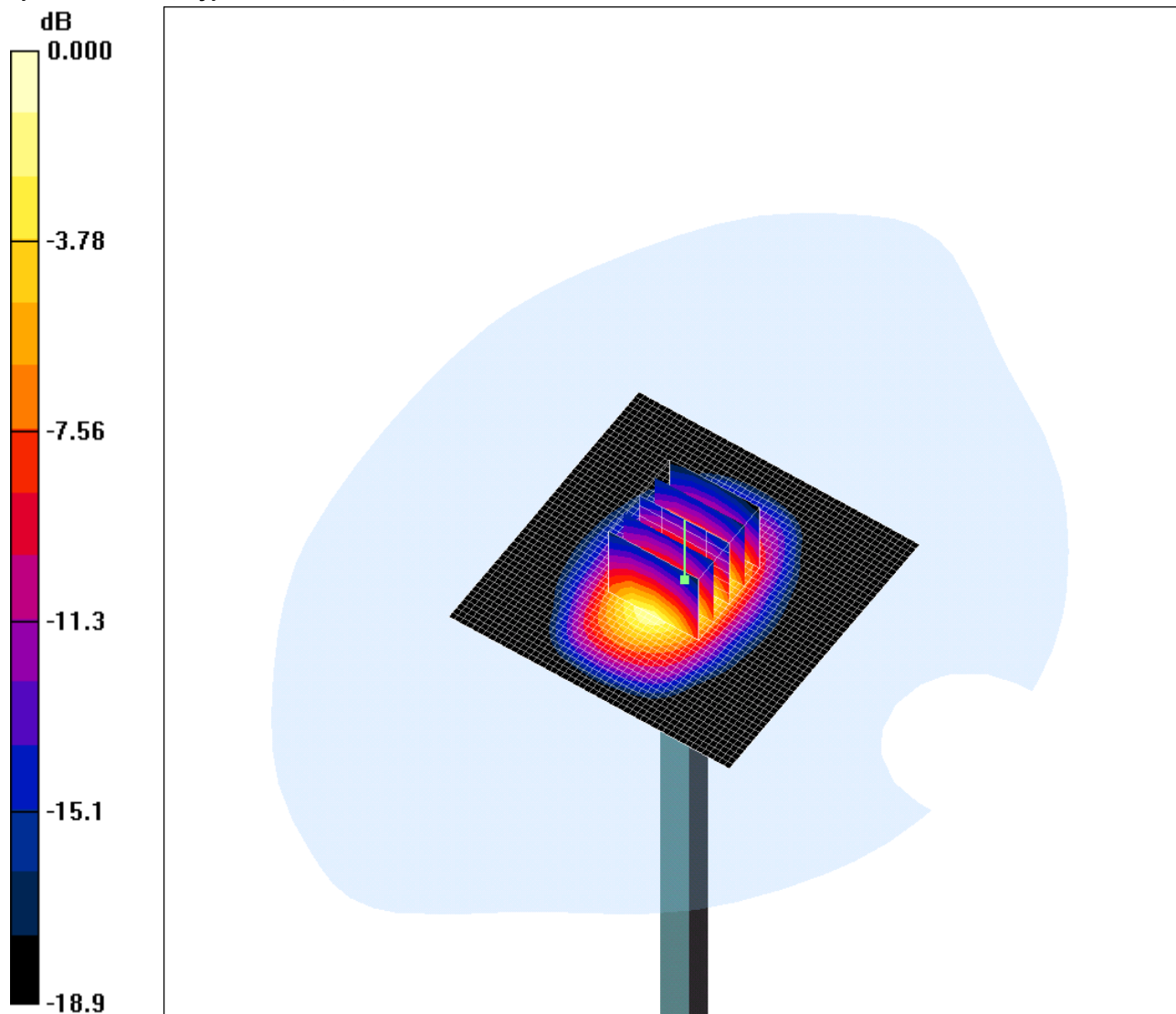
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/042: System Performance Check 1900MHz Body 05 09 08

Date: 05/09/2008

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.2mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.1 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.0 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 9.99 mW/g; SAR(10 g) = 5.08 mW/g**

Maximum value of SAR (measured) = 11.2 mW/g

Test of: Dell Inc.

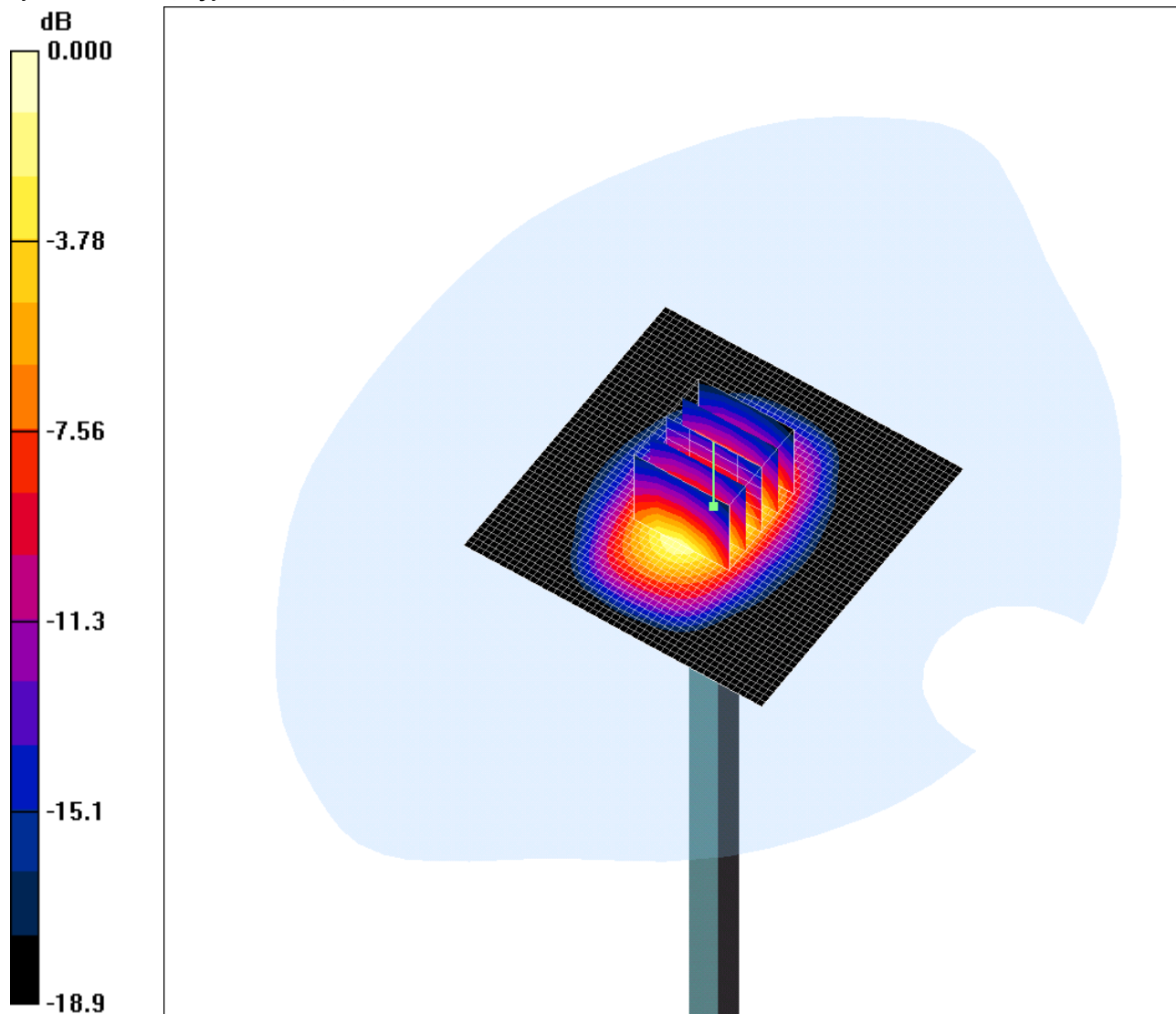
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/043: System Performance Check 1900MHz Body 06 09 08

Date: 06/09/2008

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.2mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.5 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.7 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 10 mW/g; SAR(10 g) = 5.09 mW/g**

Maximum value of SAR (measured) = 11.2 mW/g

Test of: Dell Inc.

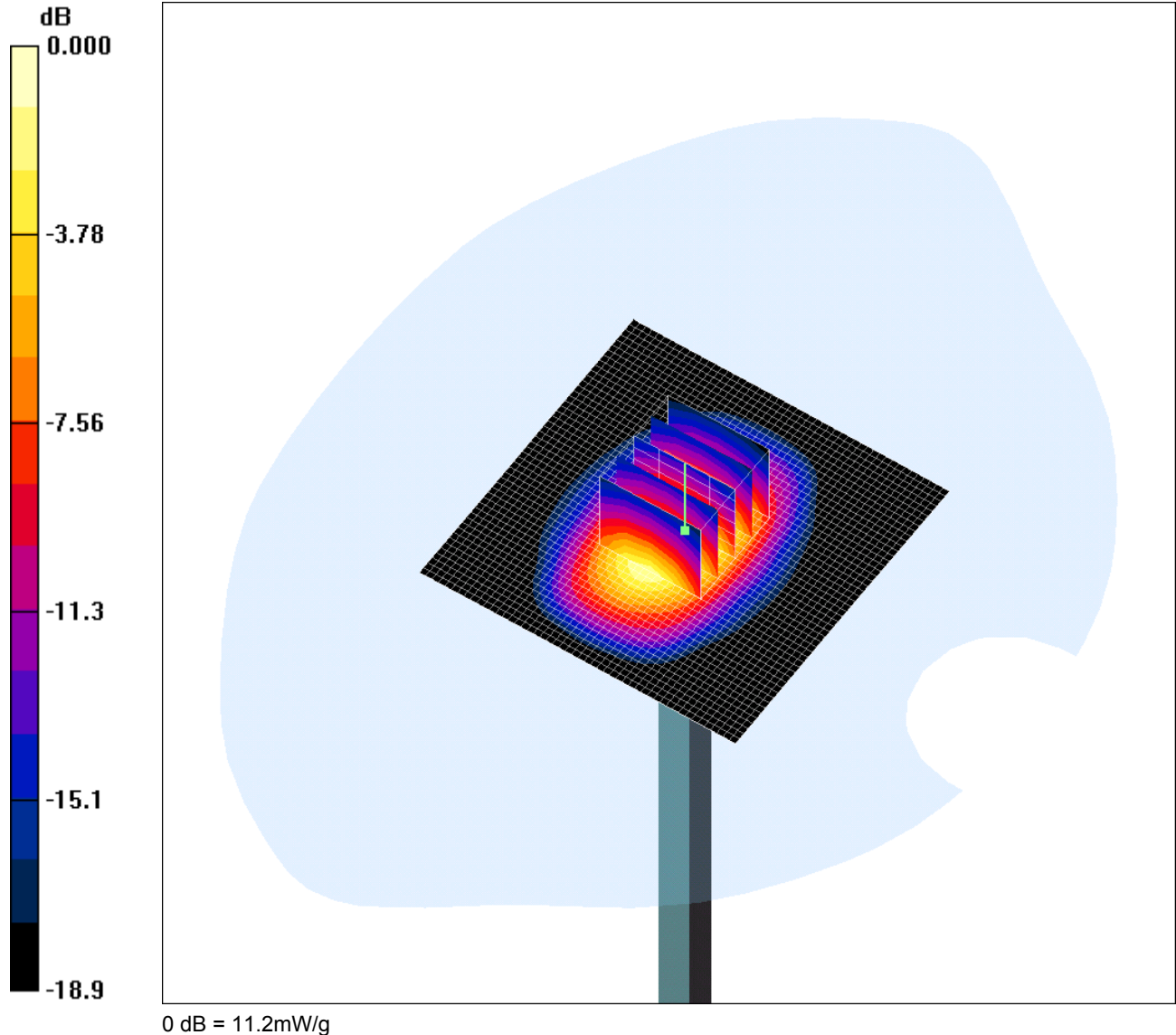
Dell Inspiron 910 Netbook PC

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/73658JD21/044: System Performance Check 1900MHz Body 07 09 08

Date: 07/09/2008

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3173; ConvF(4.66, 4.66, 4.66); Calibrated: 23/06/2008

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 25/06/2008

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.5 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.8 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 10 mW/g; SAR(10 g) = 5.09 mW/g**

Maximum value of SAR (measured) = 11.2 mW/g