

ACER Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 0 Degrees

Date/Time: 9/12/2006 9:18:20 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; ACER Laptop; Antenna at 0 Degrees; Ch384/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.639 mW/g

Body Mode; ACER Laptop; Antenna at 0 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 13.7 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.738 W/kg

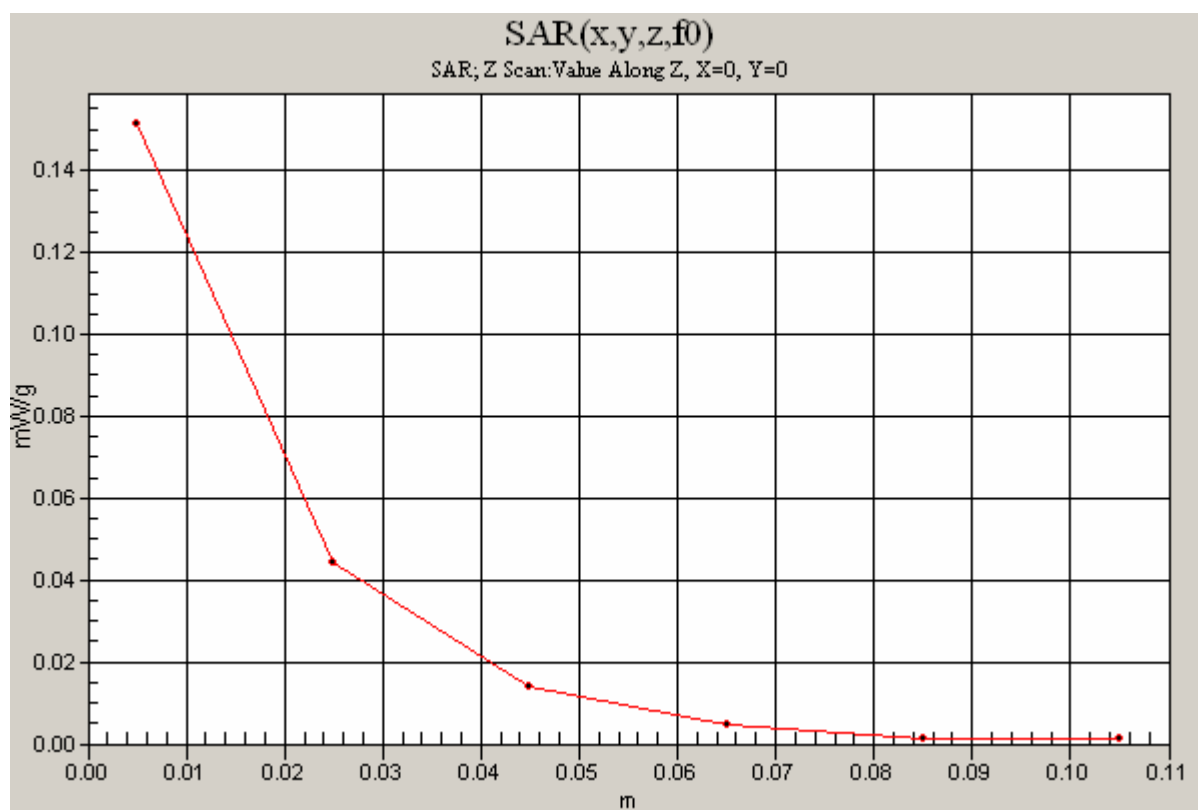
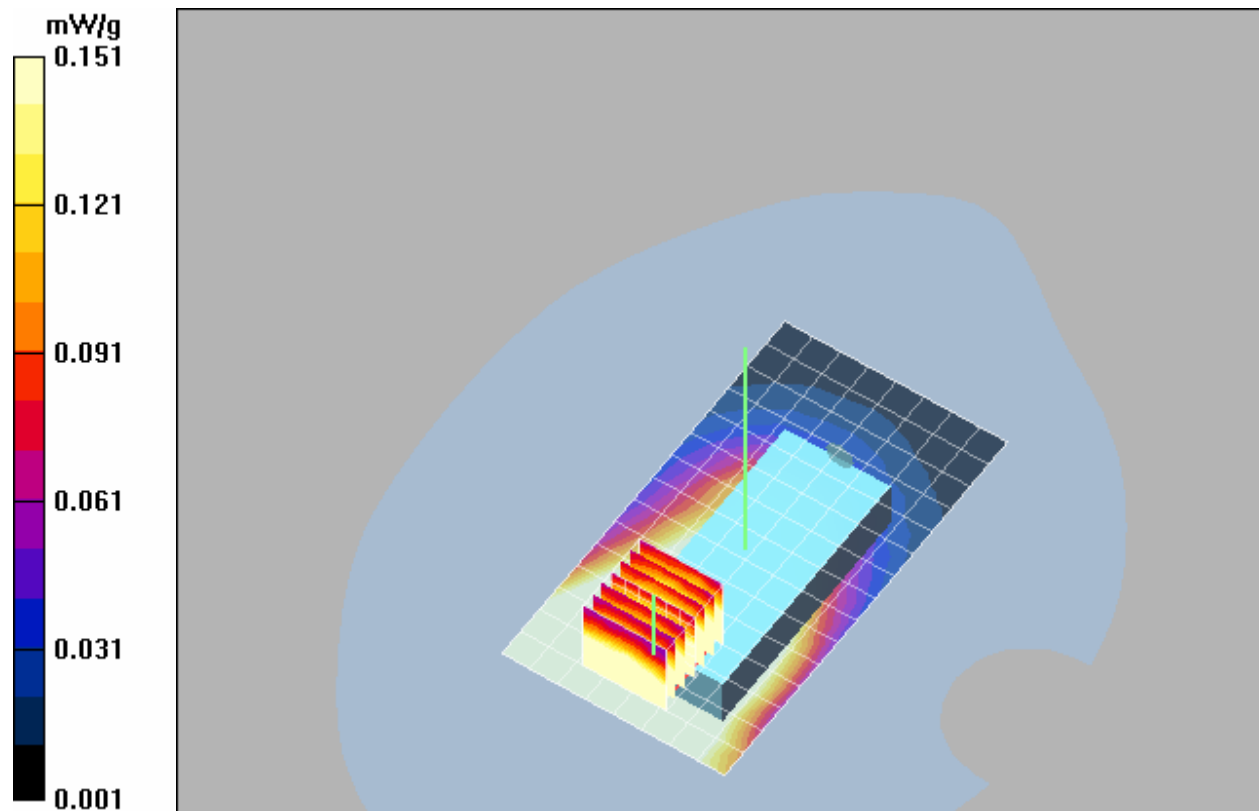
SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.538 mW/g

Body Mode; ACER Laptop; Antenna at 0 Degrees; Ch384/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

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



ACER Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 45 Degrees

Date/Time: 9/12/2006 10:15:34 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; ACER Laptop; Antenna at 45 Degrees; Ch384/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.454 mW/g

Body Mode; ACER Laptop; Antenna at 45 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 11.5 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 0.563 W/kg

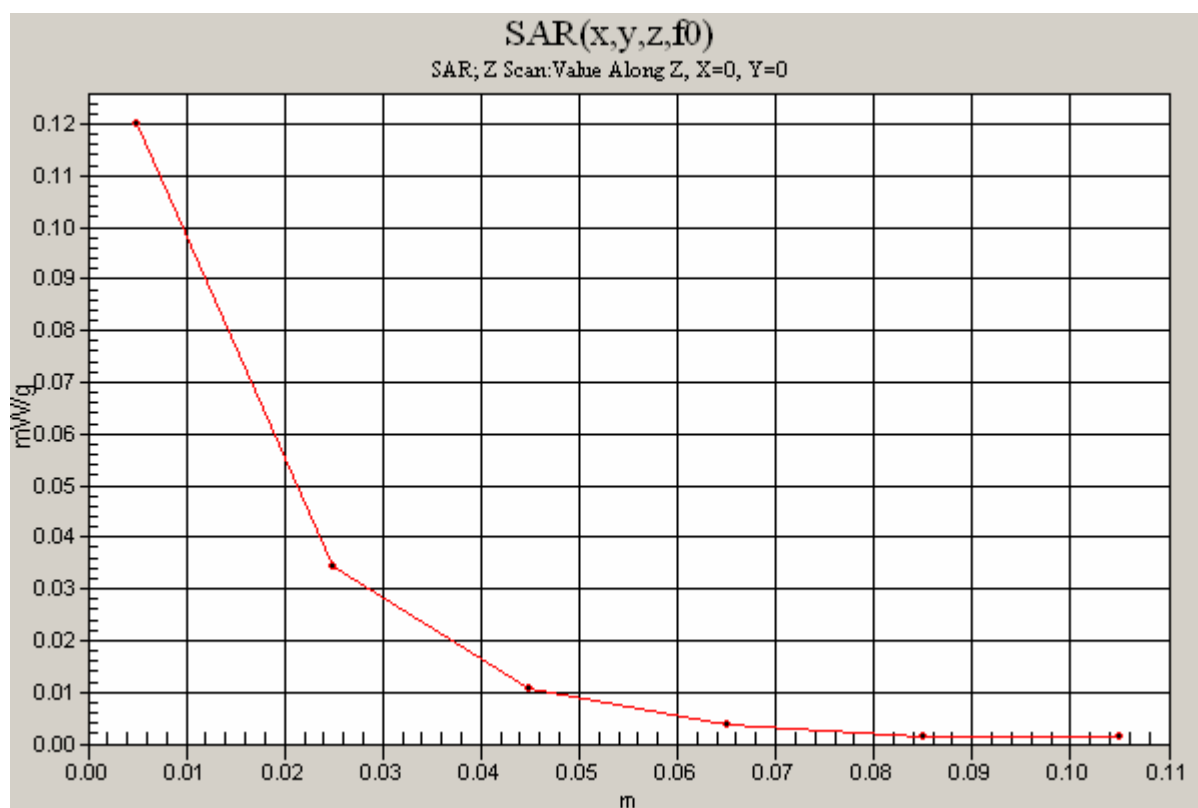
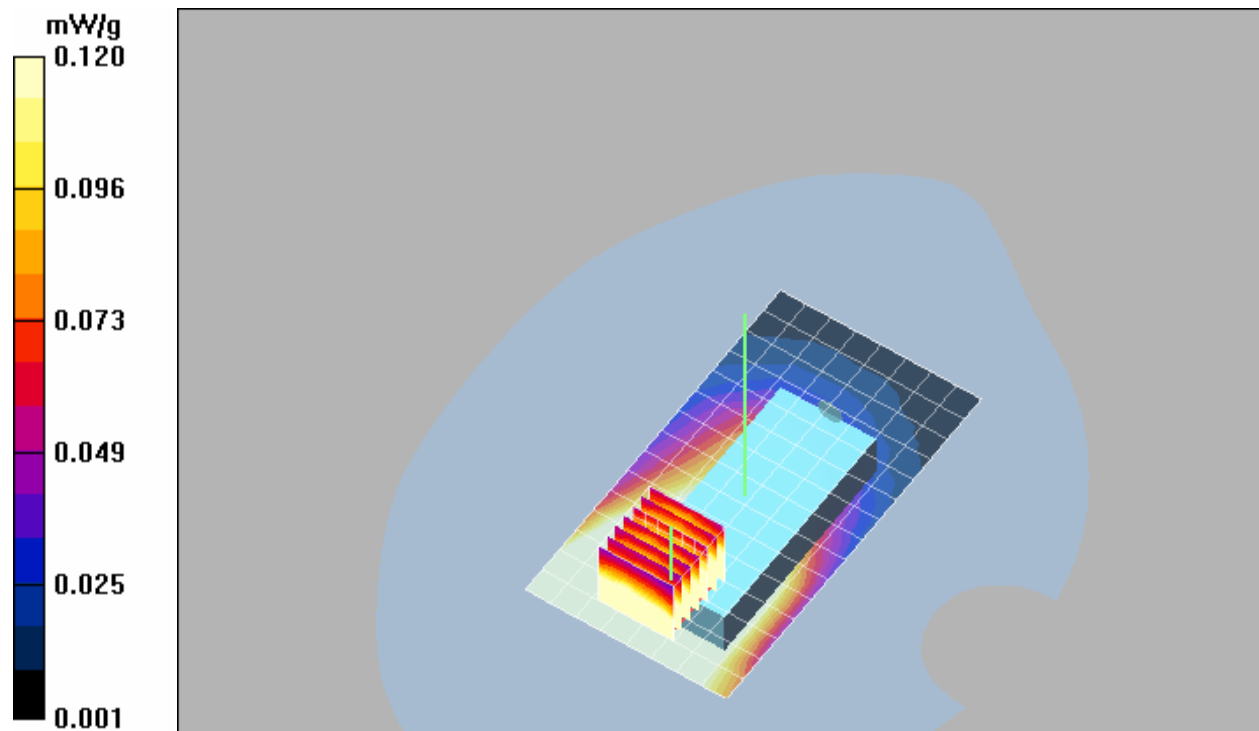
SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.418 mW/g

Body Mode; ACER Laptop; Antenna at 45 Degrees; Ch384/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.120 mW/g



ACER Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 90 Degrees

Date/Time: 9/12/2006 10:43:54 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; Acer Laptop; Antenna at 90 Degrees; Ch384/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.418 mW/g

Body Mode; Acer Laptop; Antenna at 90 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 11.7 V/m; Power Drift = -0.550 dB

Peak SAR (extrapolated) = 0.511 W/kg

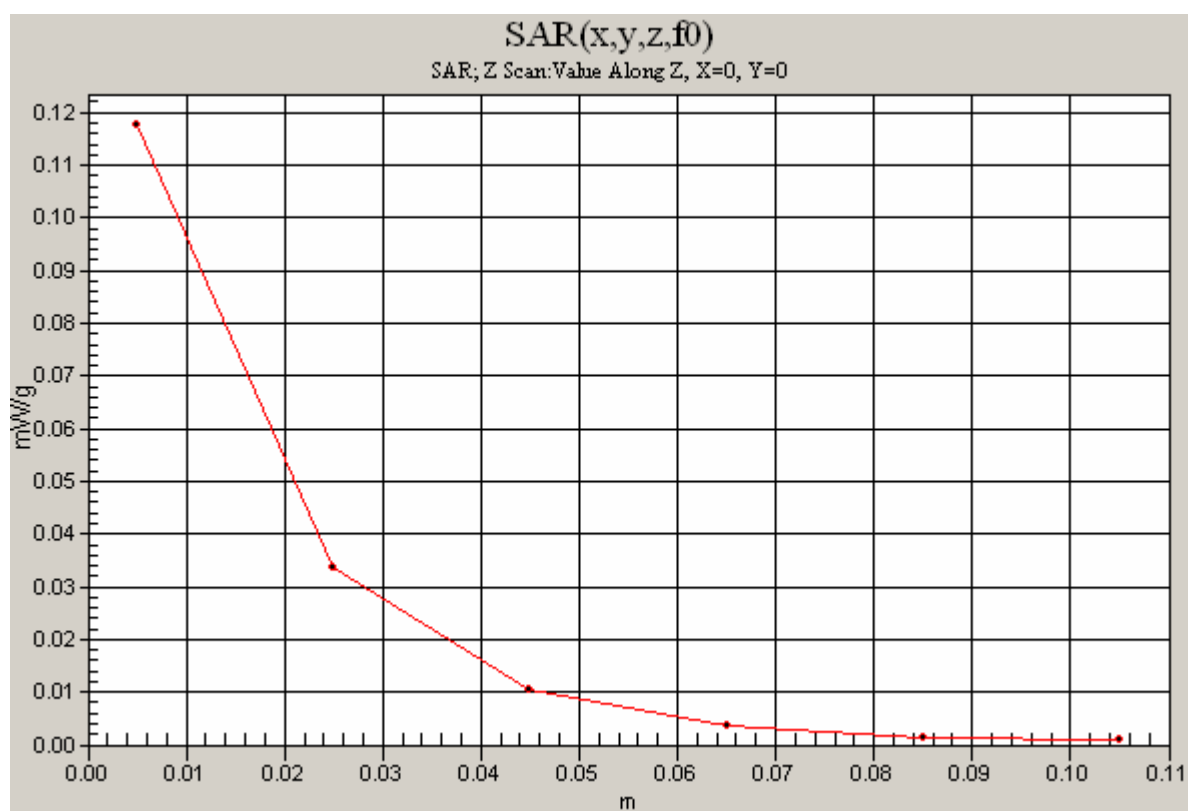
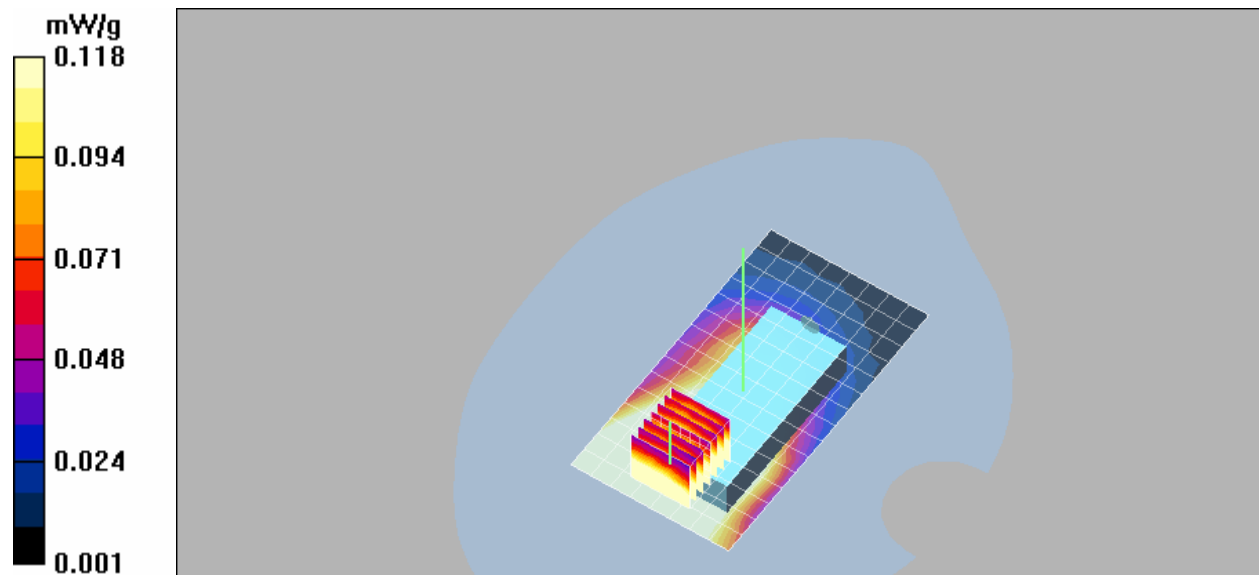
SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.377 mW/g

Body Mode; Acer Laptop; Antenna at 90 Degrees; Ch384/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.118 mW/g



COMPAQ Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 0 Degrees

Date/Time: 9/12/2006 2:19:51 PM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; COMPAQ Laptop; Antenna at 0 Degrees; Ch384/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.542 mW/g

Body Mode; COMPAQ Laptop; Antenna at 0 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.243 dB

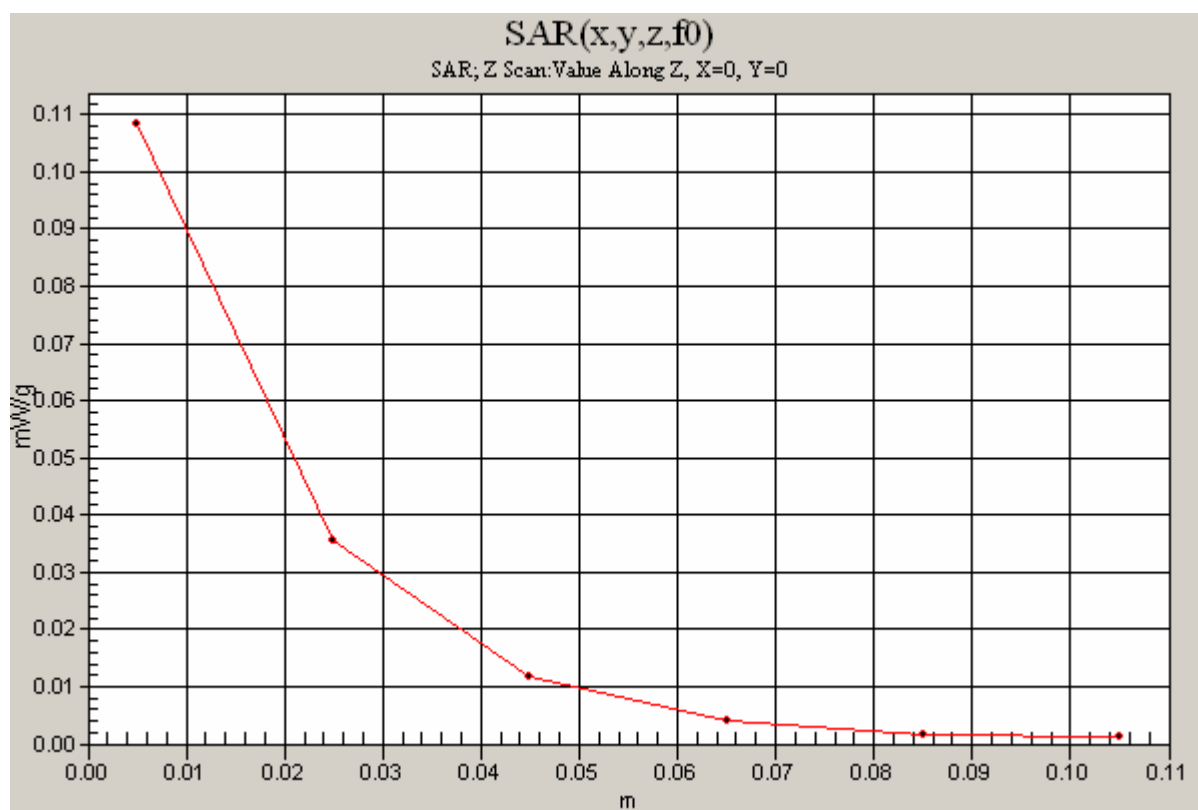
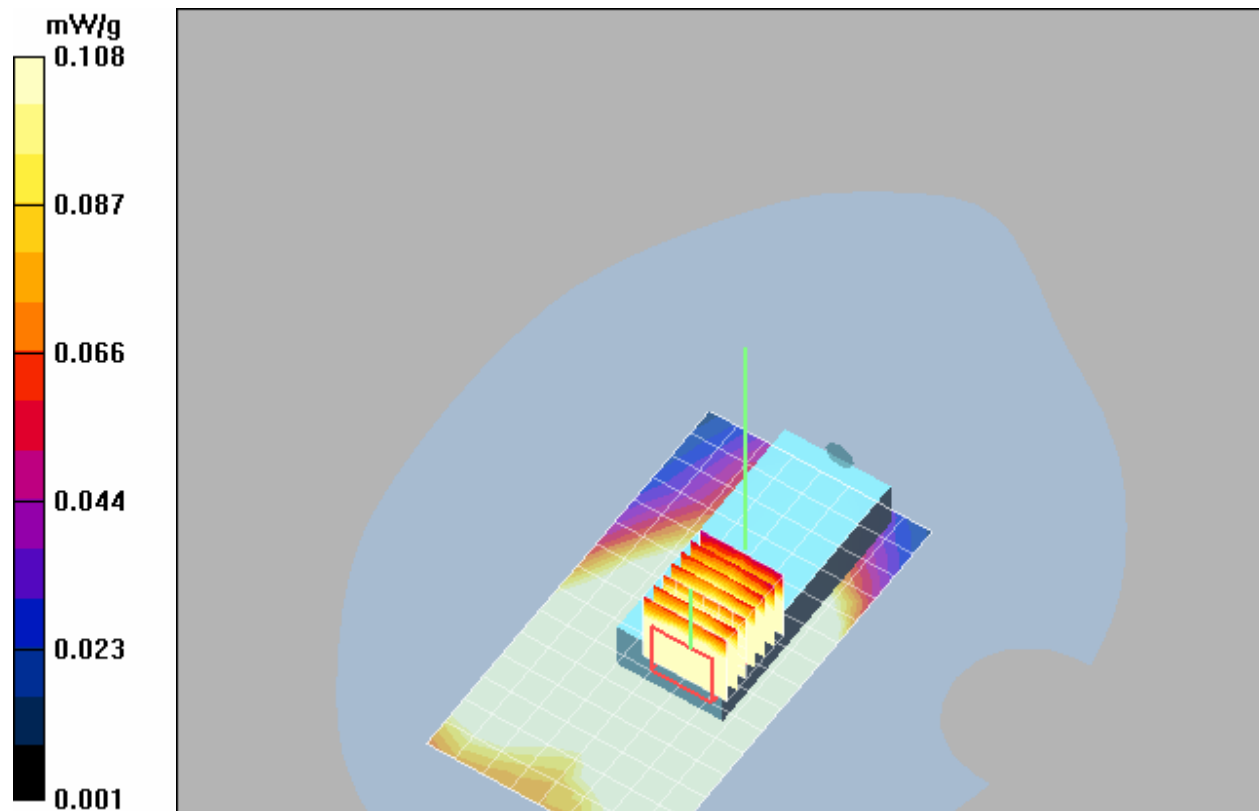
Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.471 mW/g

Body Mode; COMPAQ Laptop; Antenna at 0 Degrees; Ch384/Z Scan (1x1x6): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.108 mW/g



COMPAQ Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 45 Degrees

Date/Time: 9/12/2006 3:31:40 PM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; COMPAQ Laptop; Antenna at 45 Degrees; Ch384/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.413 mW/g

Body Mode; COMPAQ Laptop; Antenna at 45 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.527 dB

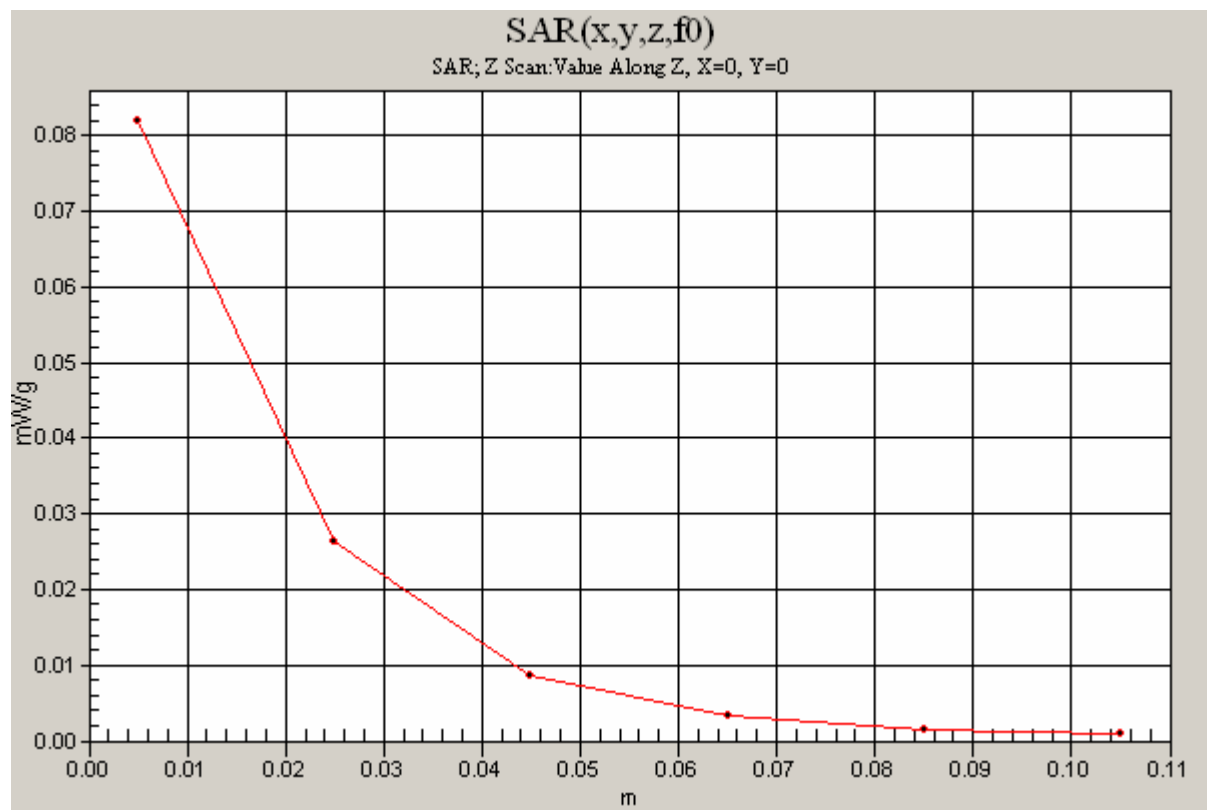
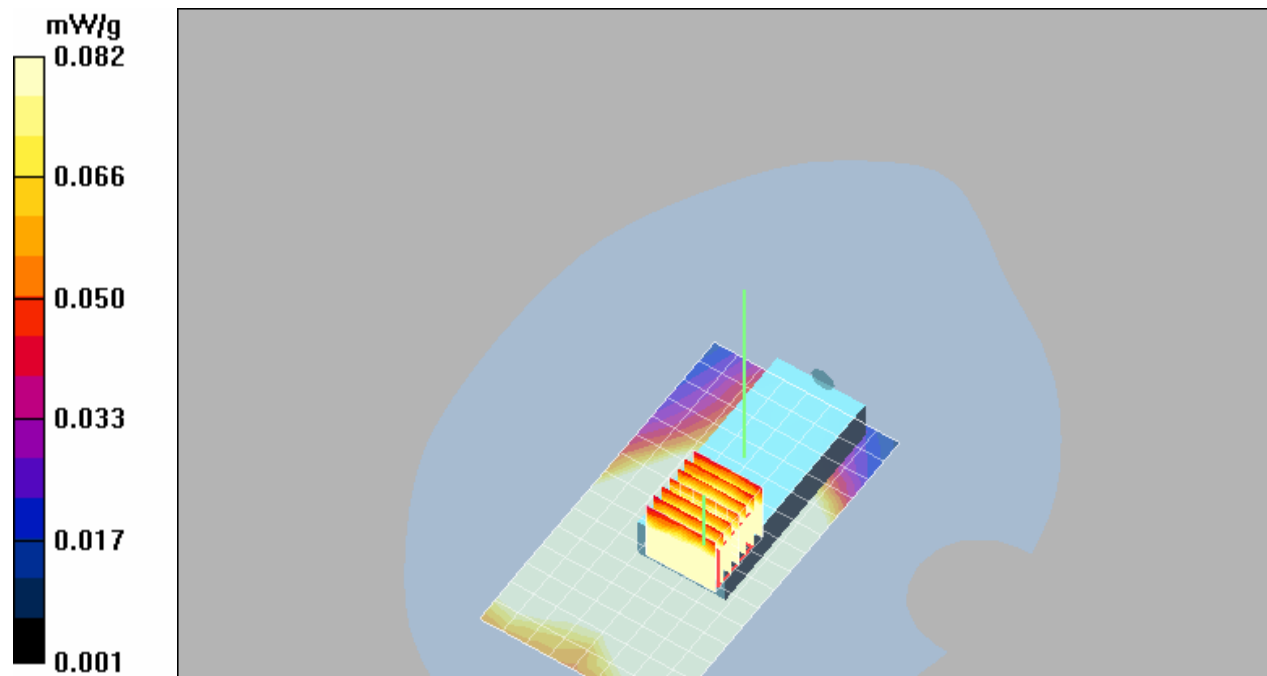
Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.352 mW/g

Body Mode; COMPAQ Laptop; Antenna at 45 Degrees; Ch384/Z Scan (1x1x6): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.082 mW/g



COMPAQ Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 90 Degrees

Date/Time: 9/12/2006 4:09:49 PM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; COMPAQ Laptop; Antenna at 90 Degrees; Ch384/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

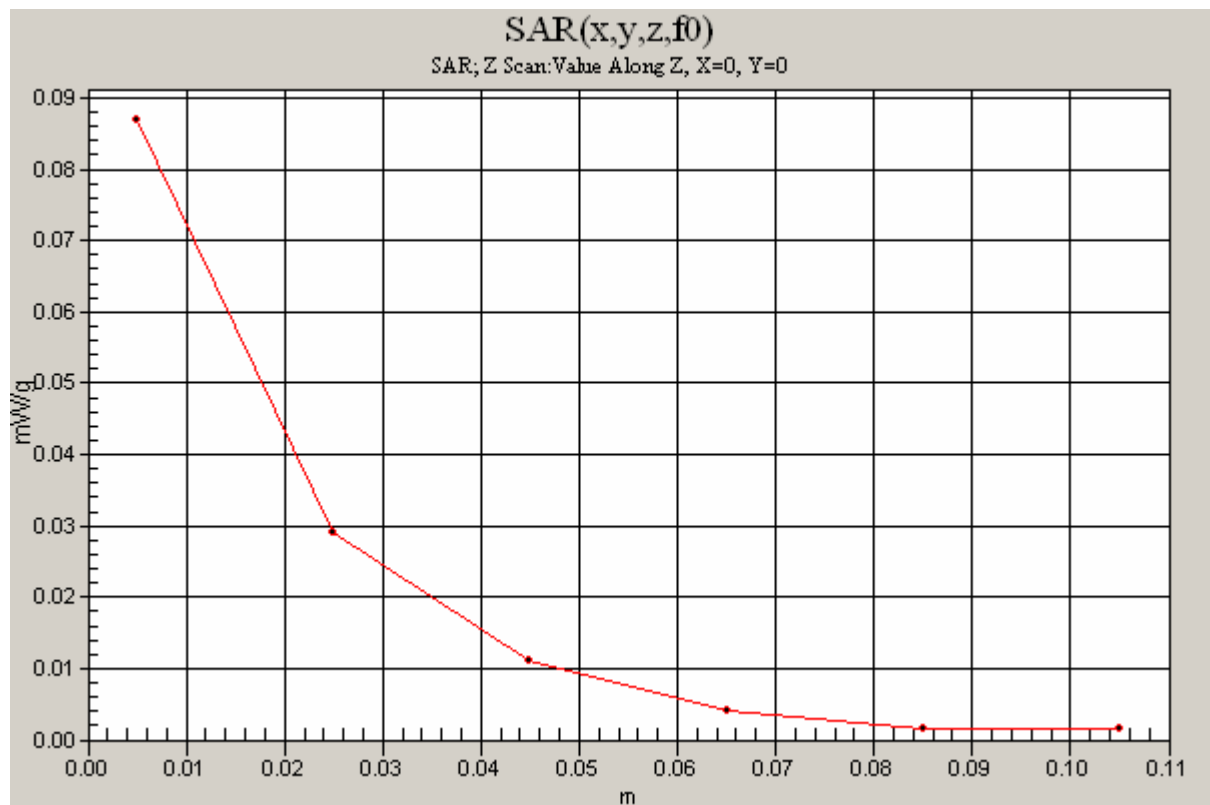
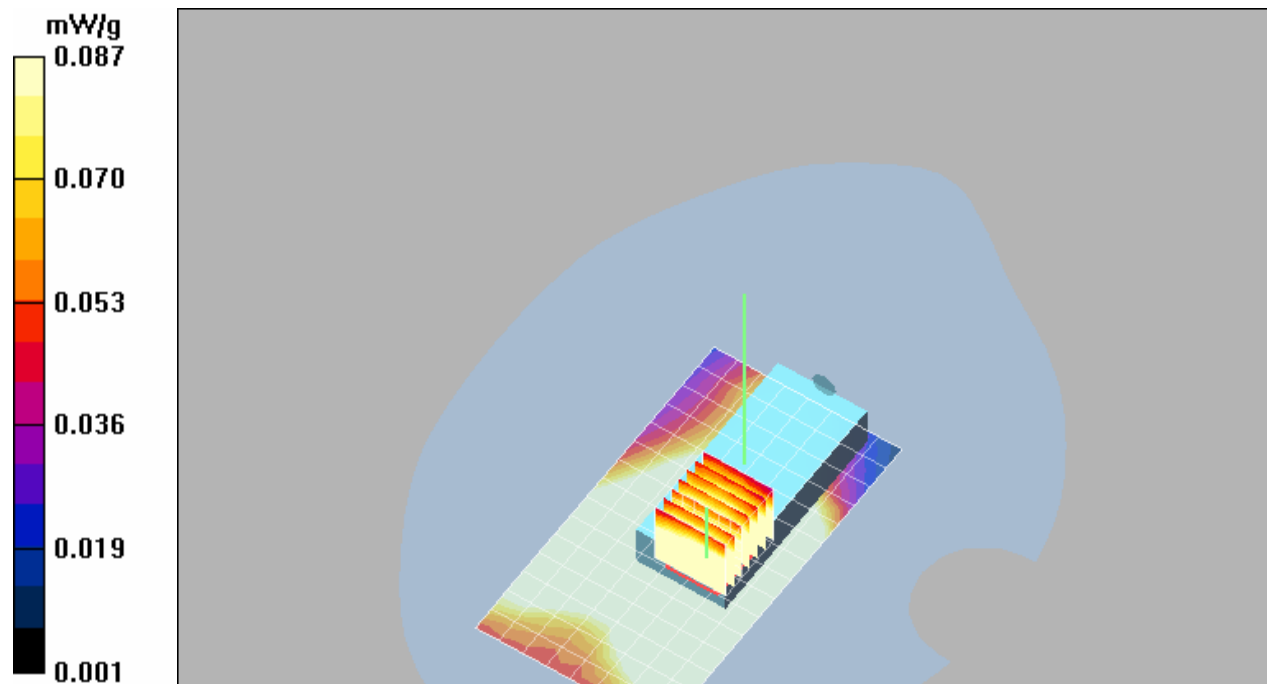
Maximum value of SAR (measured) = 0.419 mW/g

Body Mode; COMPAQ Laptop; Antenna at 90 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.533 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.395 mW/g

Body Mode; COMPAQ Laptop; Antenna at 90 Degrees; Ch384/Z Scan (1x1x6): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.087 mW/g



HP Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 0 Degrees

Date/Time: 9/12/2006 7:26:10 PM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; HP Laptop; Antenna at 0 Degrees; Ch384/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.483 mW/g

Body Mode; HP Laptop; Antenna at 0 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 10.7 V/m; Power Drift = -0.377 dB

Peak SAR (extrapolated) = 0.569 W/kg

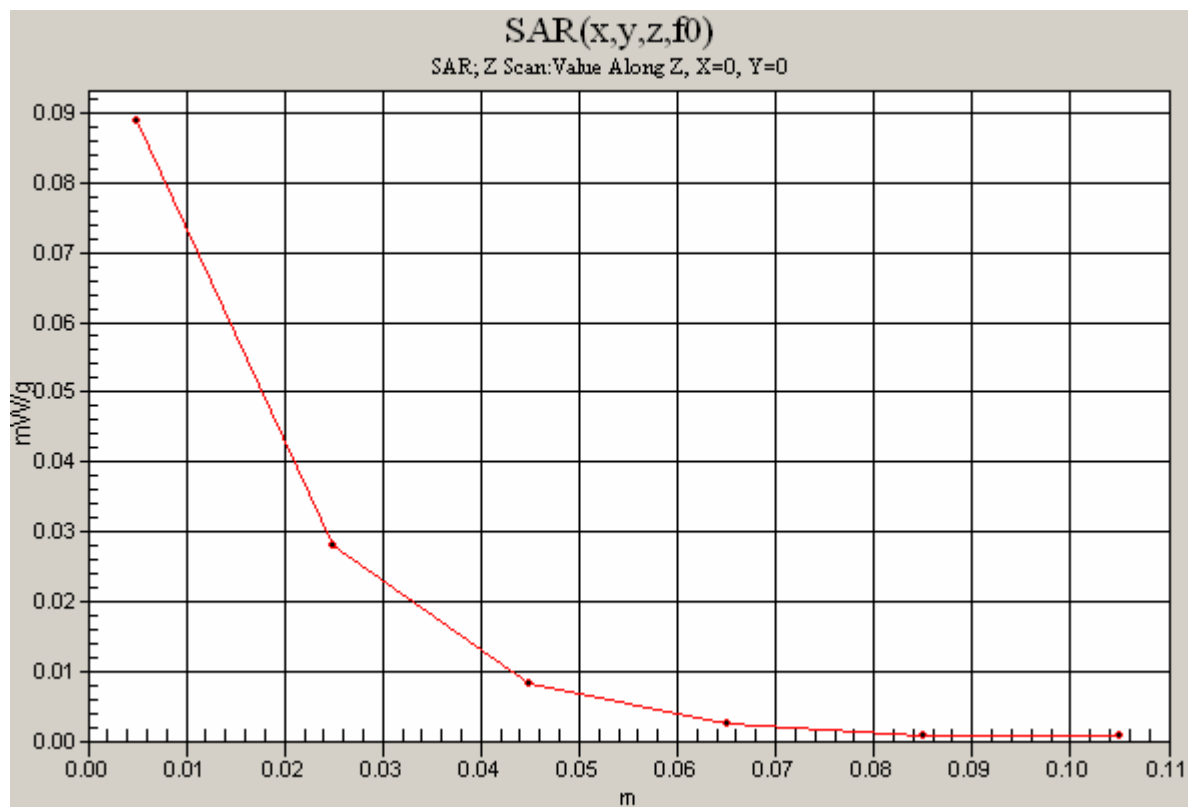
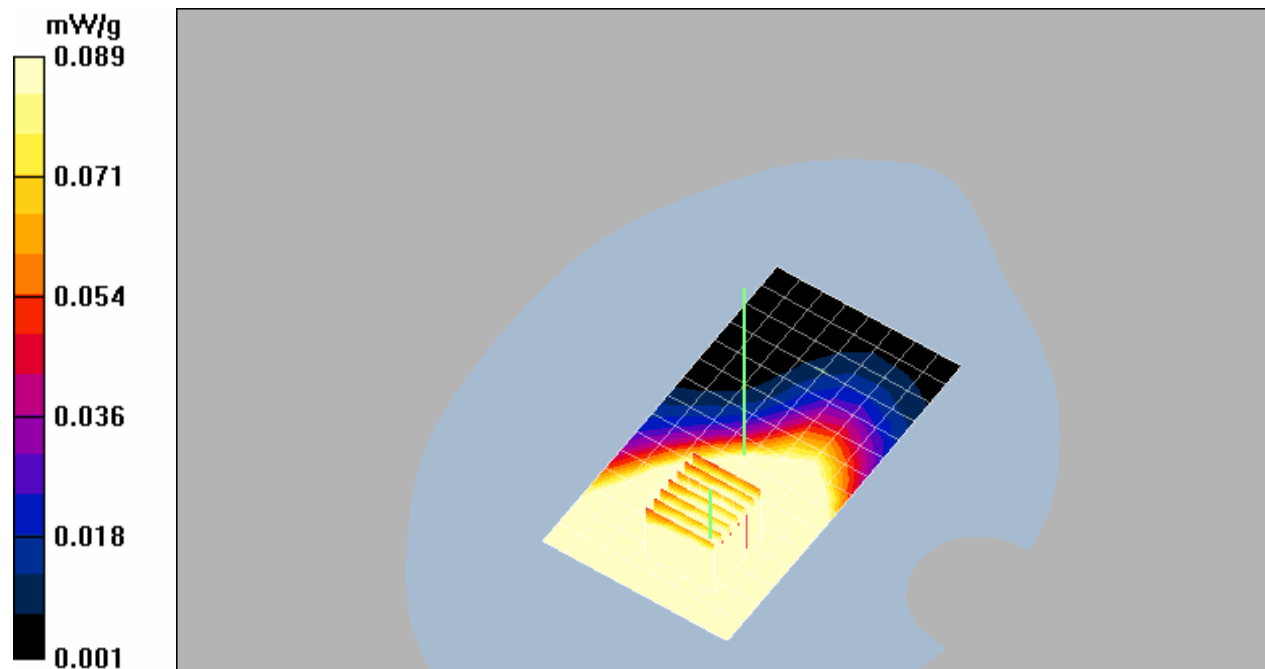
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.427 mW/g

Body Mode; HP Laptop; Antenna at 0 Degrees; Ch384/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.089 mW/g



HP Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 45 Degrees

Date/Time: 9/12/2006 7:57:51 PM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; HP Laptop; Antenna at 45 Degrees; Ch384/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

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

Body Mode; HP Laptop; Antenna at 45 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 8.06 V/m; Power Drift = 0.386 dB

Peak SAR (extrapolated) = 0.437 W/kg

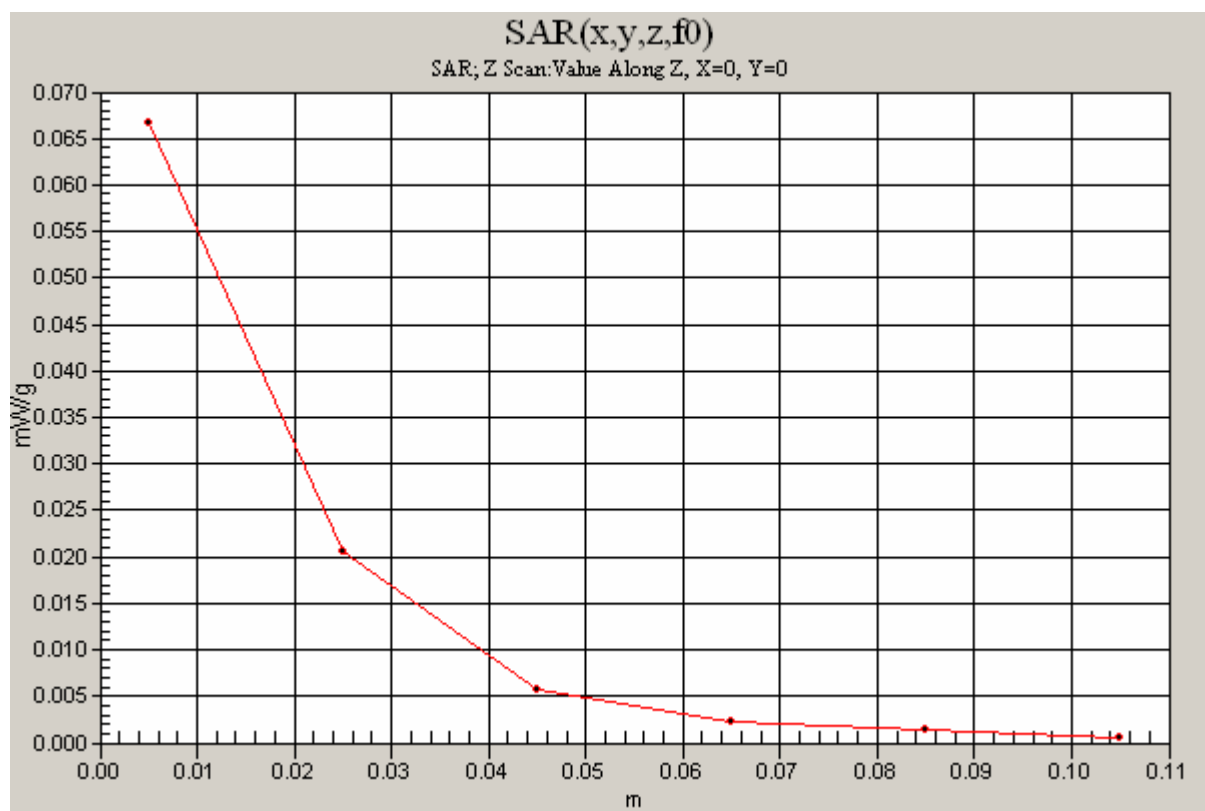
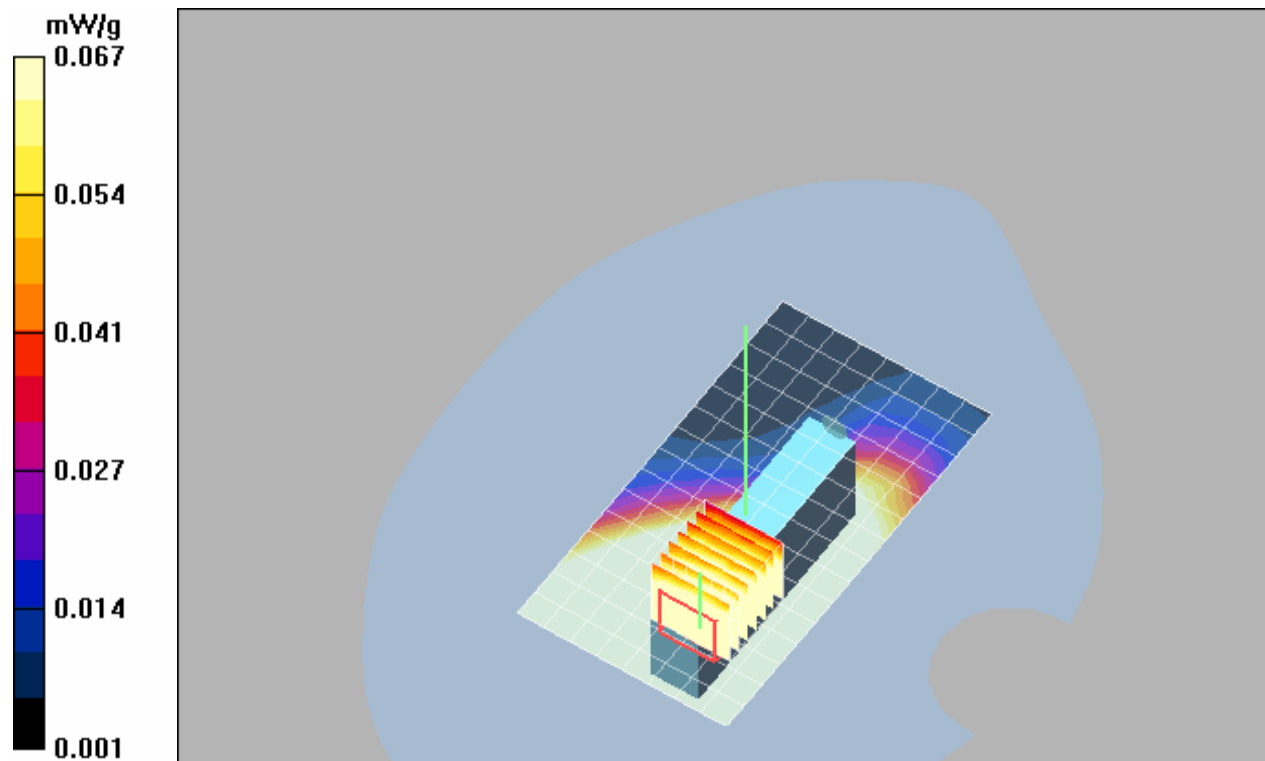
SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.306 mW/g

Body Mode; HP Laptop; Antenna at 45 Degrees; Ch384/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

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



HP Laptop, Body Mode, CDMA 1X EV-DO Cell Ch 384 (Mid), Antenna at 90 Degrees

Date/Time: 9/12/2006 8:26:29 PM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 1X EV-DO Cell; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.31, 10.31, 10.31); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; HP Laptop; Antenna at 90 Degrees; Ch384/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

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

Body Mode; HP Laptop; Antenna at 90 Degrees; Ch384/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 8.67 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.363 W/kg

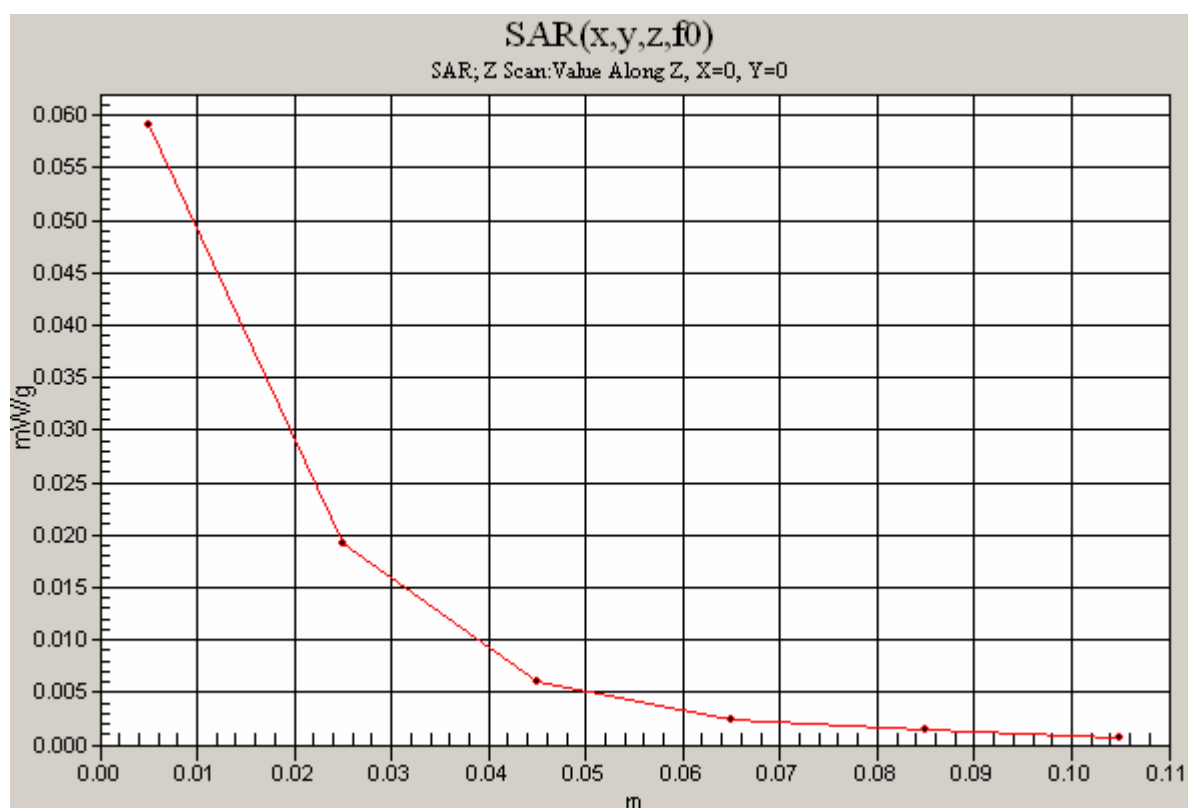
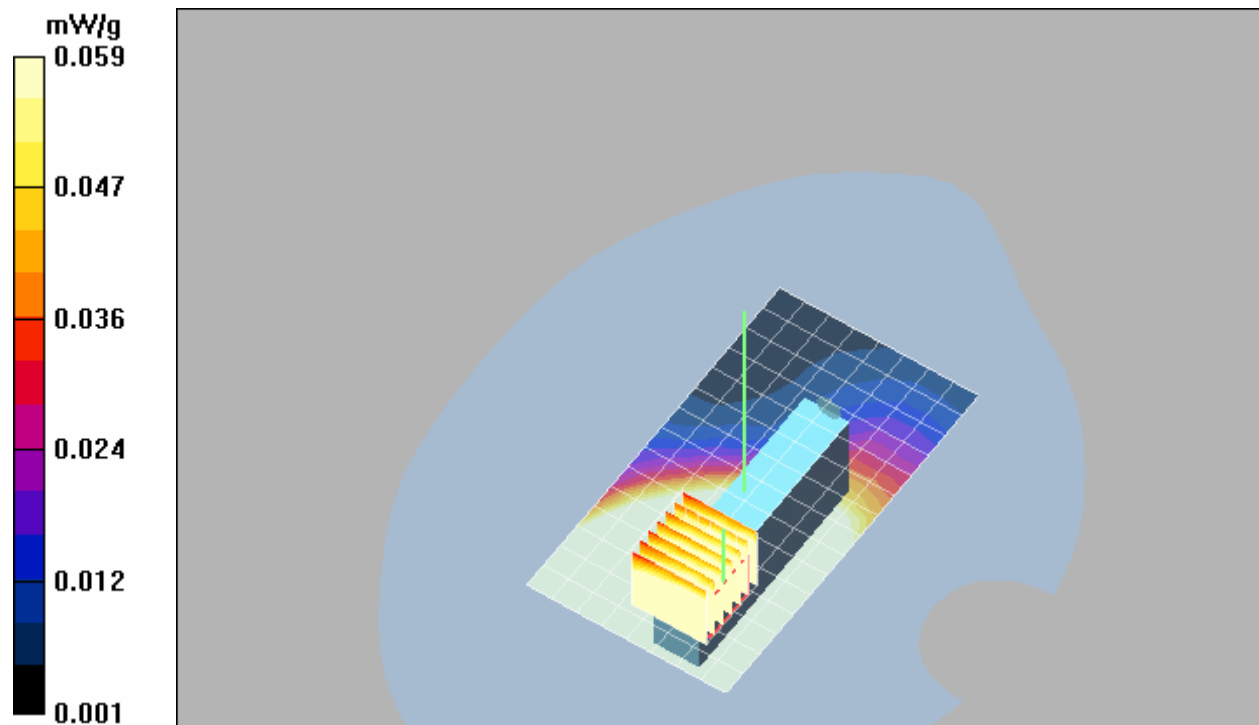
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.267 mW/g

Body Mode; HP Laptop; Antenna at 90 Degrees; Ch384/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.059 mW/g



ACER Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 0 Degrees

Date/Time: 9/13/2006 2:07:02 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; ACER Laptop; Antenna at 0 Degrees; Ch600/Area Scan

(9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.139 mW/g

Body Mode; ACER Laptop; Antenna at 0 Degrees; Ch600/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.08 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.186 W/kg

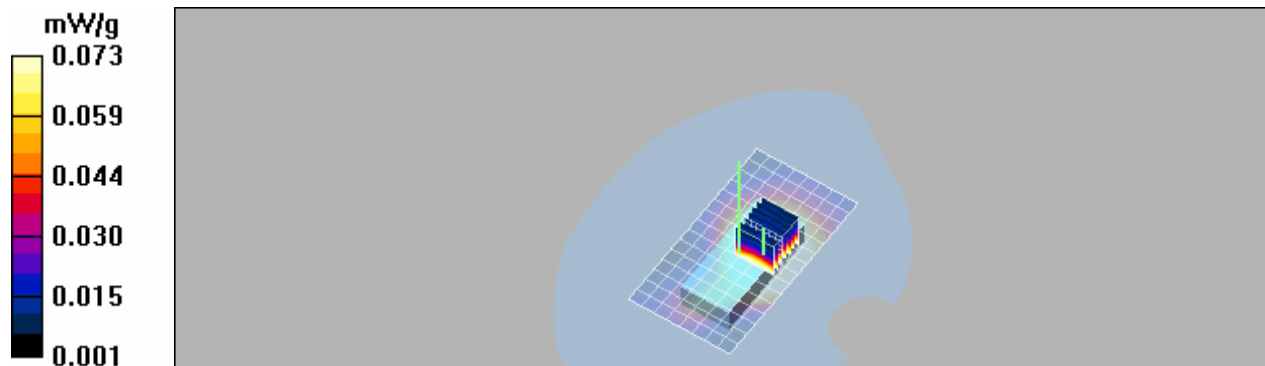
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.072 mW/g

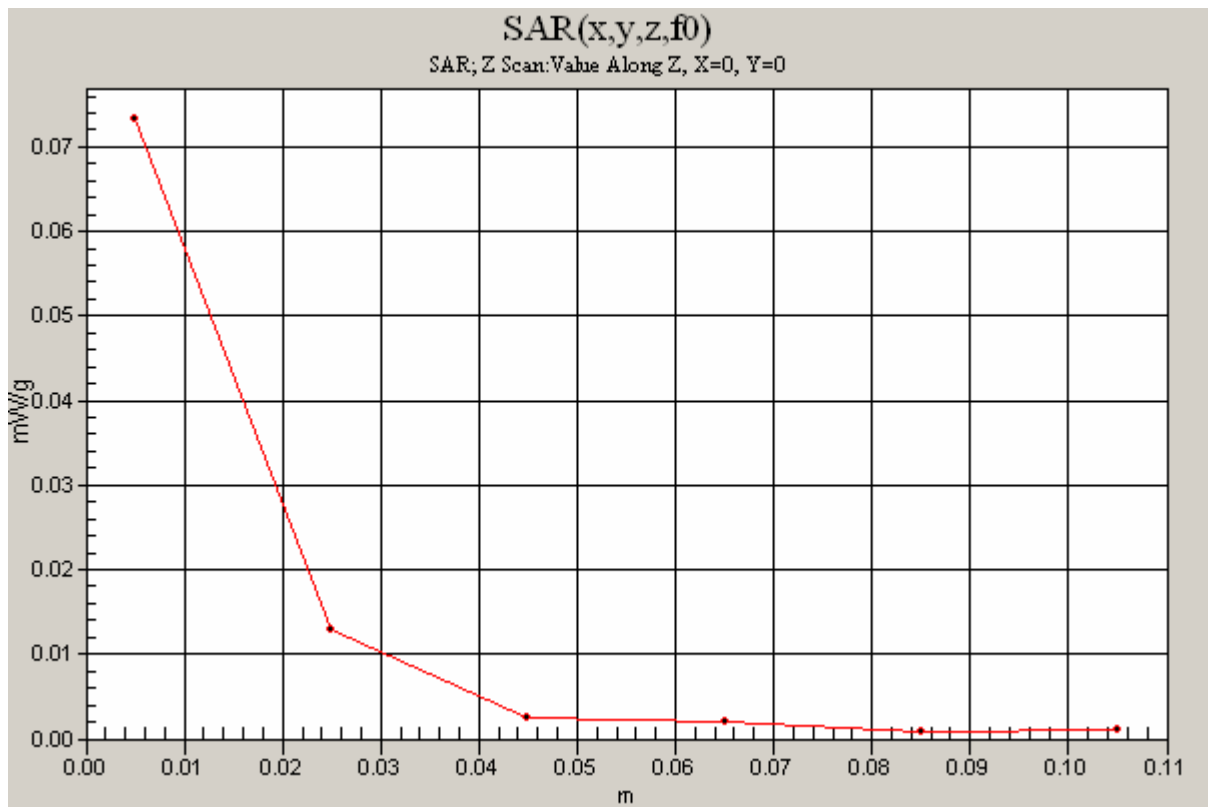
Maximum value of SAR (measured) = 0.126 mW/g

Body Mode; ACER Laptop; Antenna at 0 Degrees; Ch600/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

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





ACER Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 45 Degrees

Date/Time: 9/13/2006 1:43:30 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; Acer Laptop; Antenna at 45 Degrees; Ch600/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.194 mW/g

Body Mode; Acer Laptop; Antenna at 45 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 8.03 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.260 W/kg

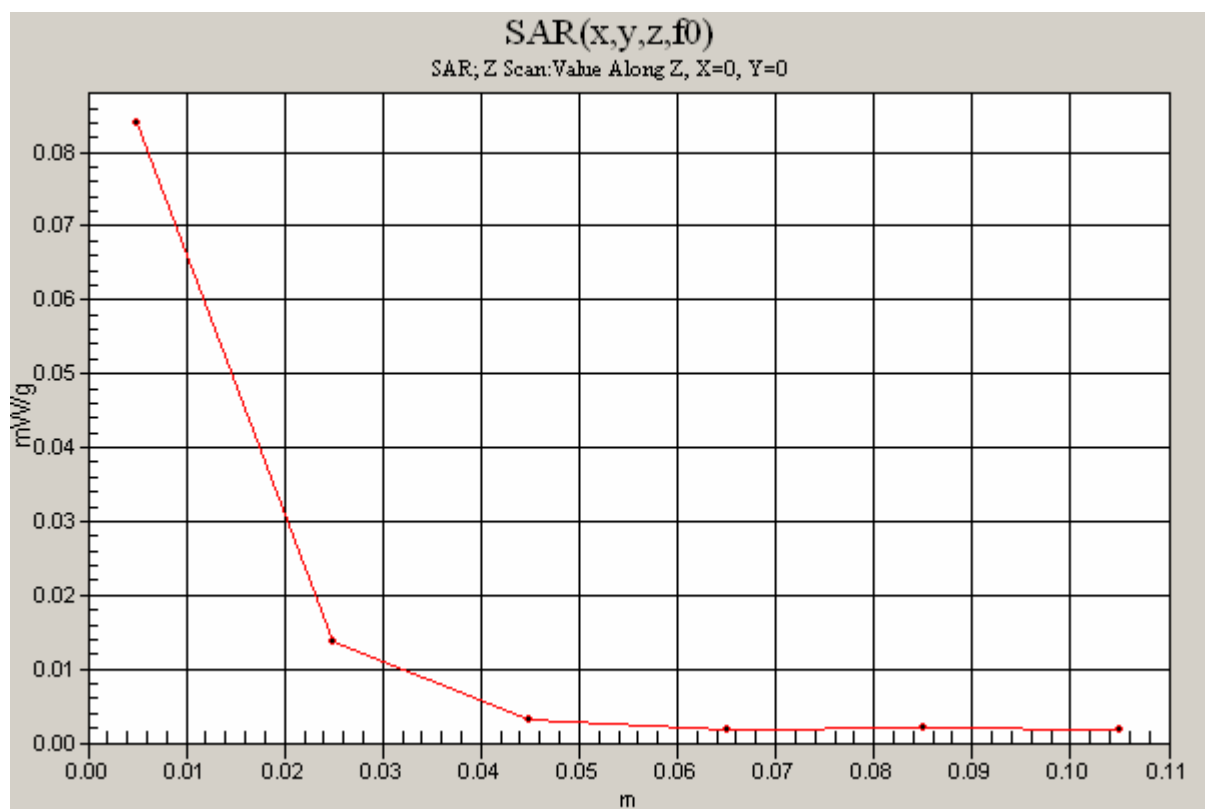
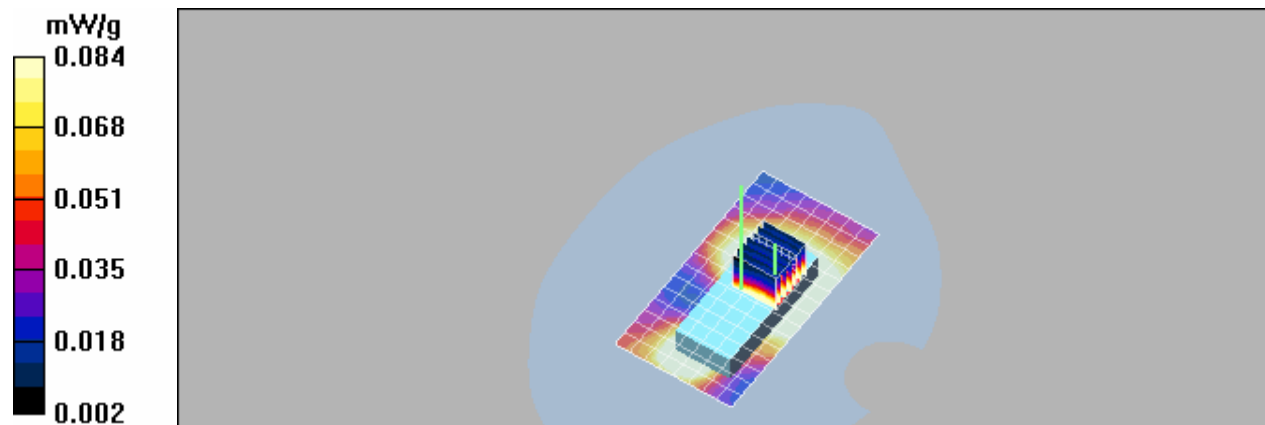
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.180 mW/g

Body Mode; Acer Laptop; Antenna at 45 Degrees; Ch600/Z Scan

(1x1x6): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.084 mW/g



ACER Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 90 Degrees

Date/Time: 9/13/2006 2:30:33 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; Acer Laptop; Antenna at 90 Degrees; Ch600/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.169 mW/g

Body Mode; Acer Laptop; Antenna at 90 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 8.36 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.234 W/kg

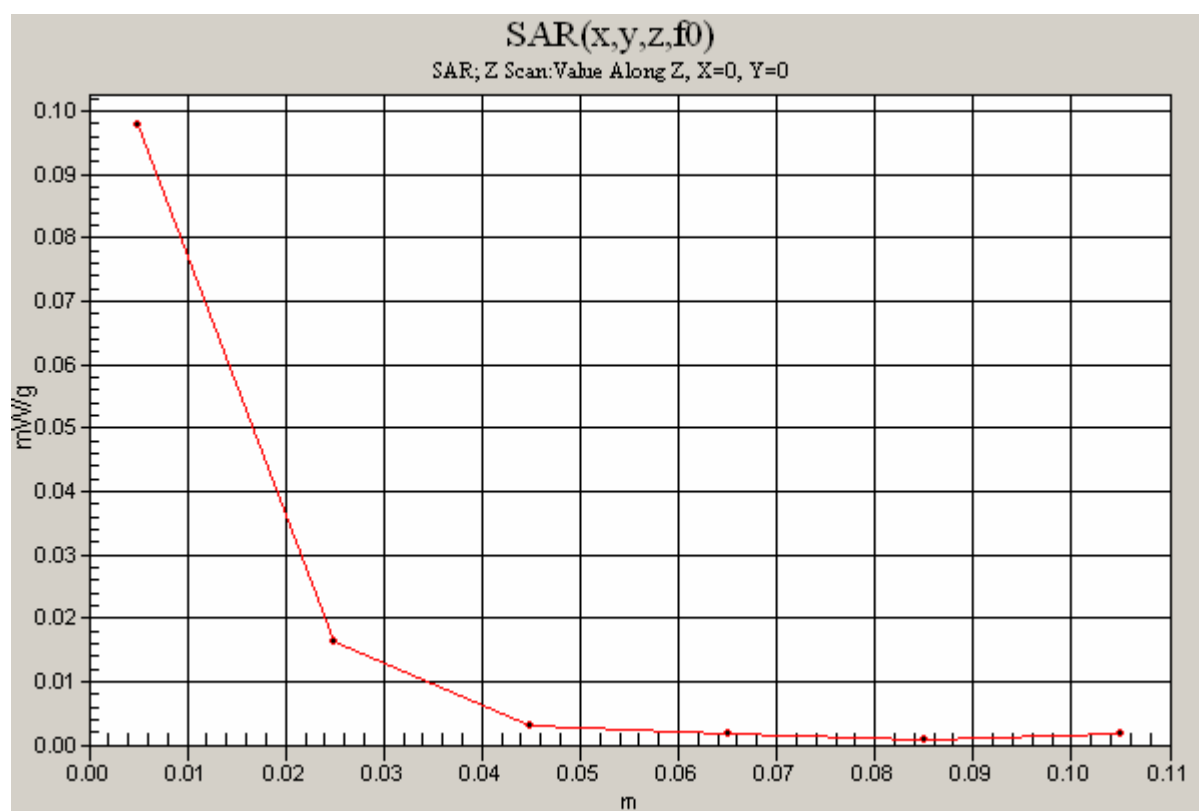
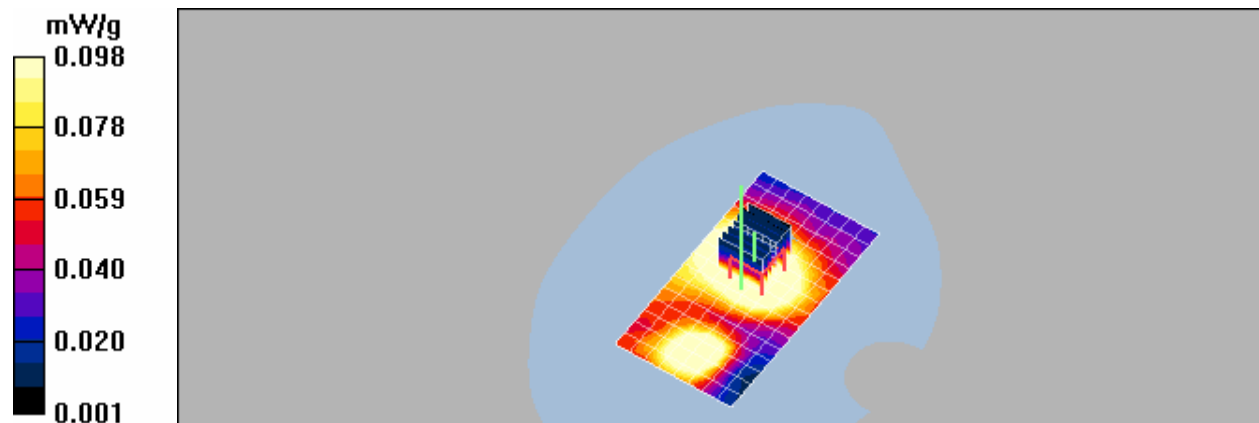
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.150 mW/g

Body Mode; Acer Laptop; Antenna at 90 Degrees; Ch600/Z Scan

(1x1x6): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.098 mW/g



COMPAQ Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 0 Degrees

Date/Time: 9/13/2006 5:32:35 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; COMPAQ Laptop; Antenna at 0 Degrees; Ch600/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.318 mW/g

Body Mode; COMPAQ Laptop; Antenna at 0 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 10.8 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.426 W/kg

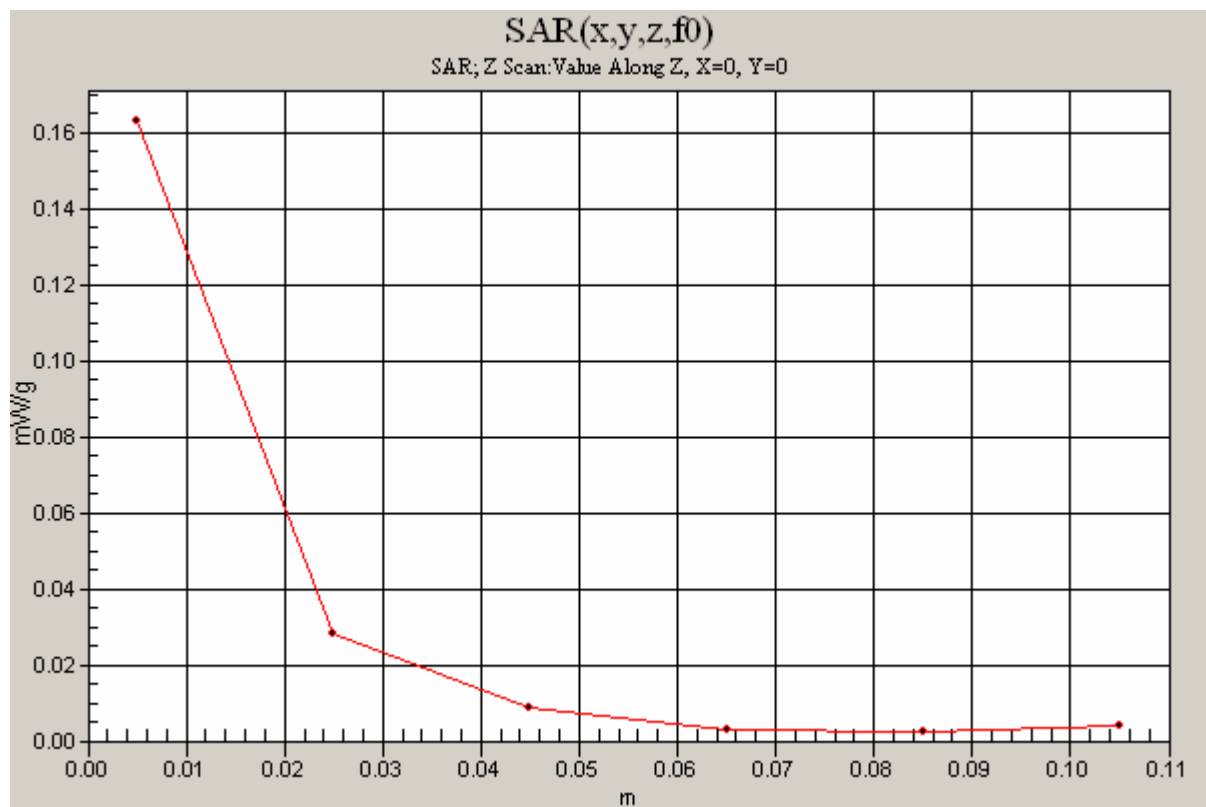
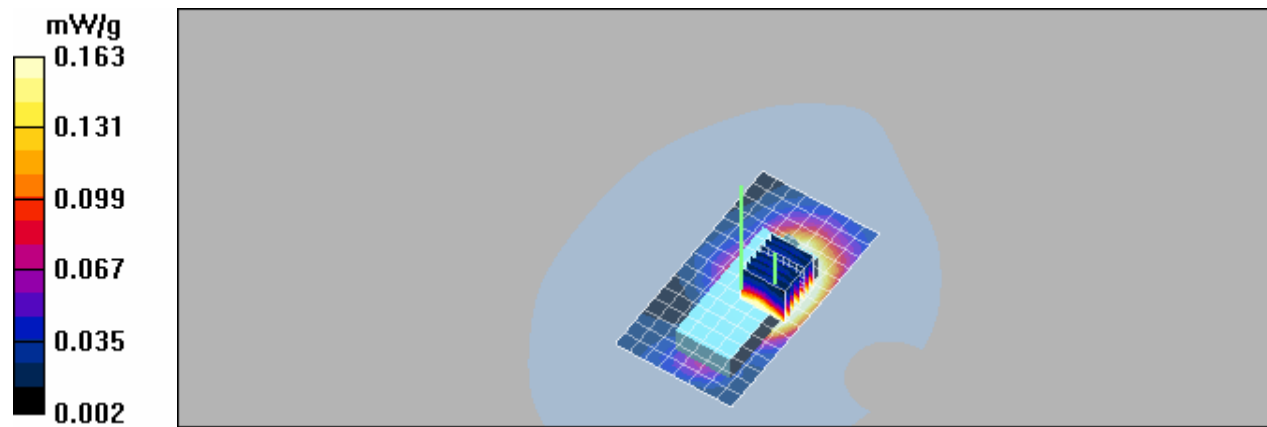
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.299 mW/g

Body Mode; COMPAQ Laptop; Antenna at 0 Degrees; Ch600/Z Scan

(1x1x6): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.163 mW/g



COMPAQ Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 45 Degrees

Date/Time: 9/13/2006 5:08:28 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

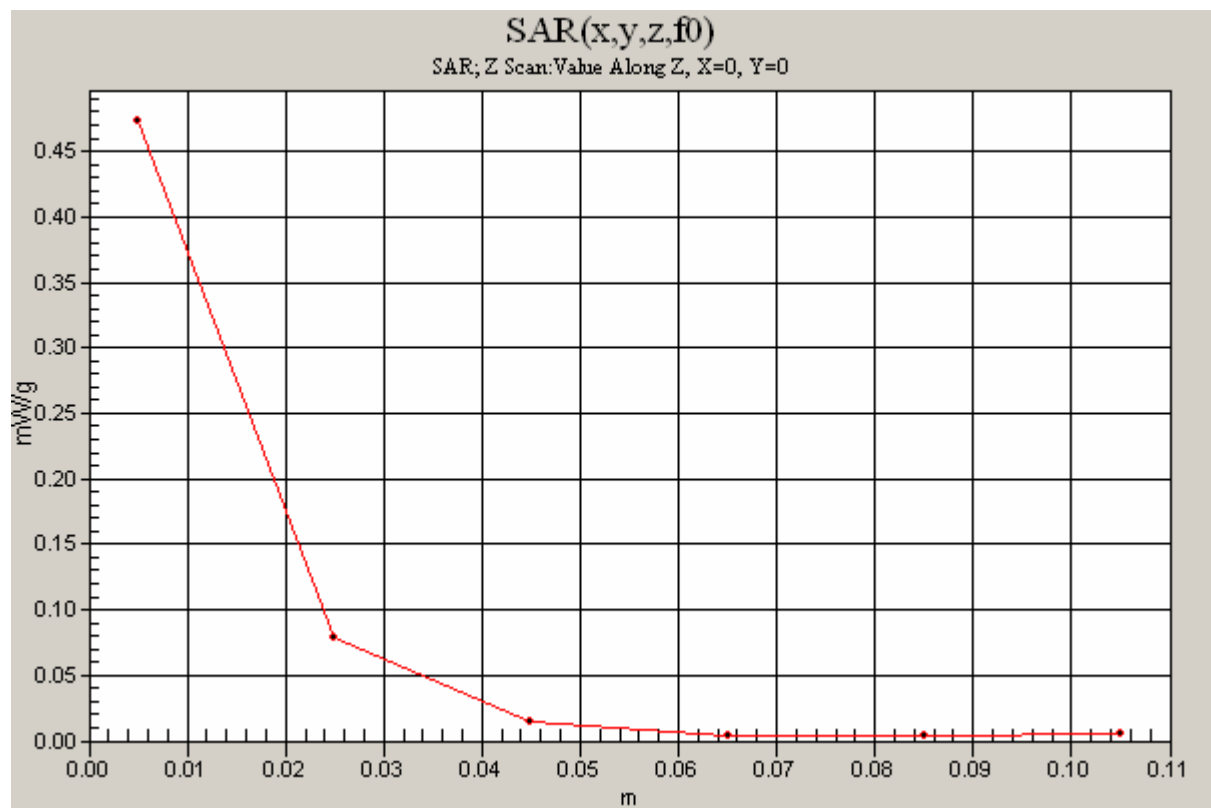
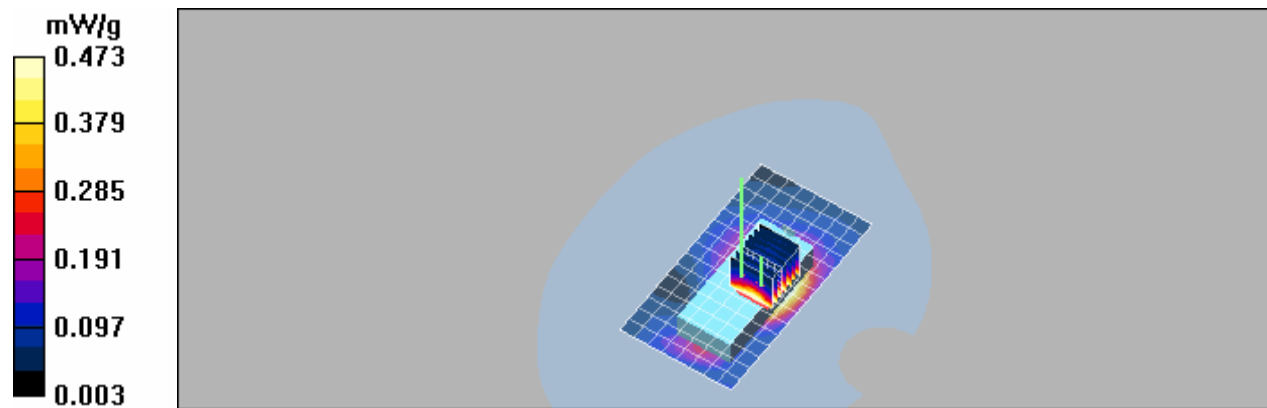
DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; COMPAQ Laptop; Antenna at 45 Degrees; Ch600/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.894 mW/g

Body Mode; COMPAQ Laptop; Antenna at 45 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 0.825 mW/g

Body Mode; COMPAQ Laptop; Antenna at 45 Degrees; Ch600/Z Scan (1x1x6): Measurement grid: dx=20mm, dy=20mm, dz=20mm
Maximum value of SAR (measured) = 0.473 mW/g



COMPAQ Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 90 Degrees

Date/Time: 9/13/2006 6:00:27 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; COMPAQ Laptop; Antenna at 90 Degrees; Ch600/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.859 mW/g

Body Mode; COMPAQ Laptop; Antenna at 90 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 19.1 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 1.01 W/kg

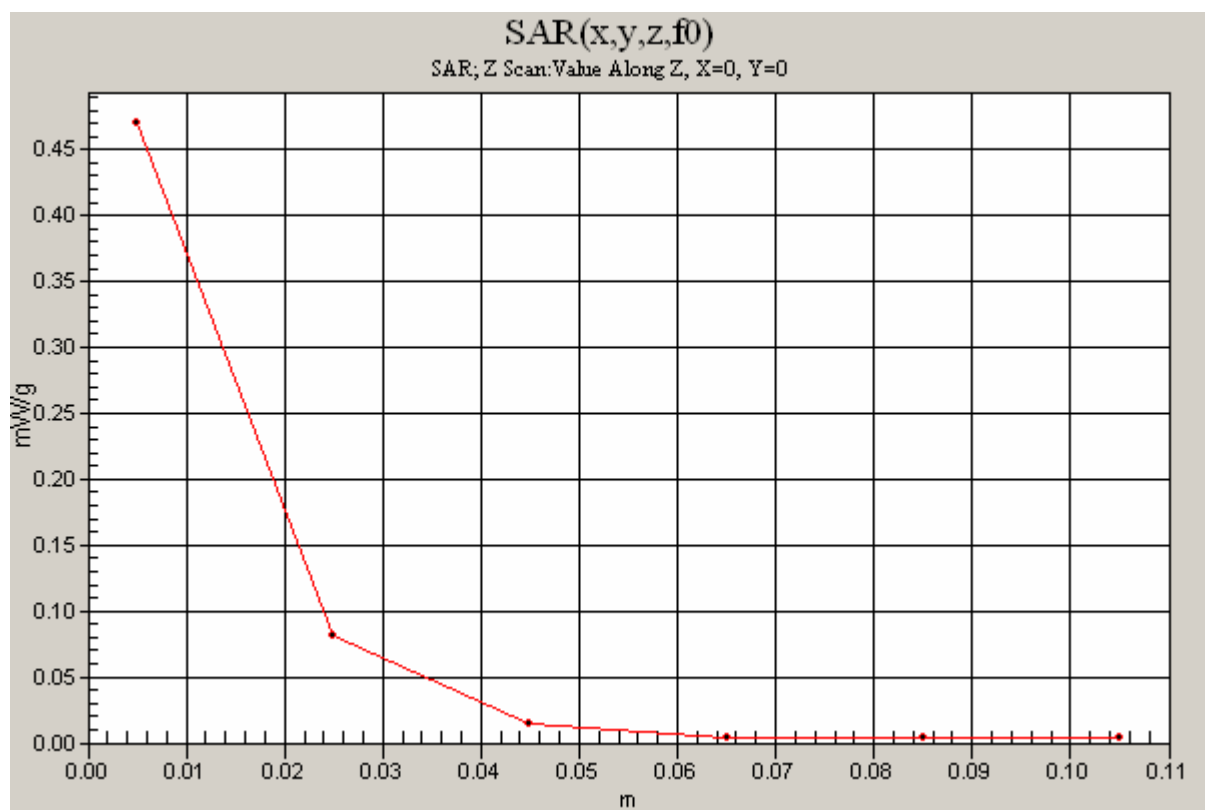
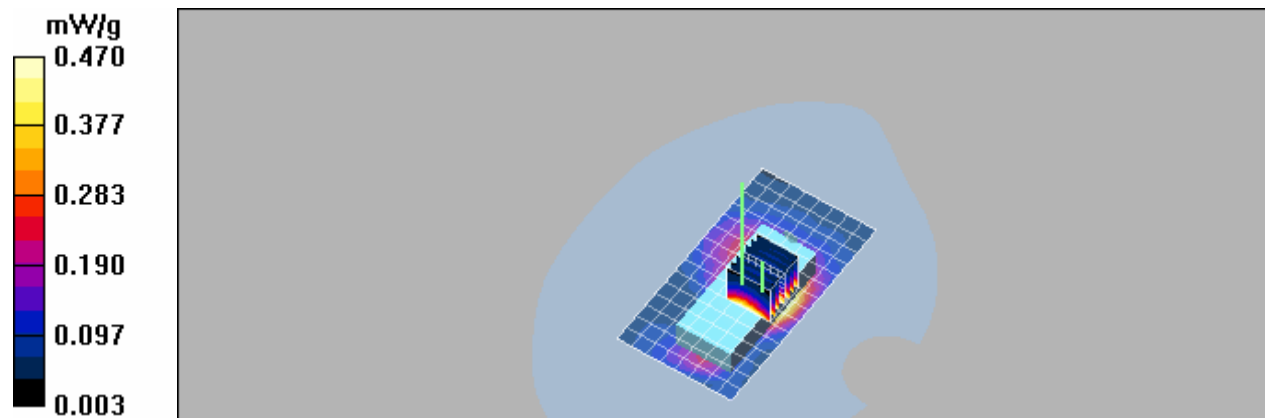
SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.763 mW/g

Body Mode; COMPAQ Laptop; Antenna at 90 Degrees; Ch600/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.470 mW/g



HP Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 0 Degrees

Date/Time: 9/13/2006 6:56:24 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; HP Laptop; Antenna at 0 Degrees; Ch600/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.612 mW/g

Body Mode; HP Laptop; Antenna at 0 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 6.53 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 0.788 W/kg

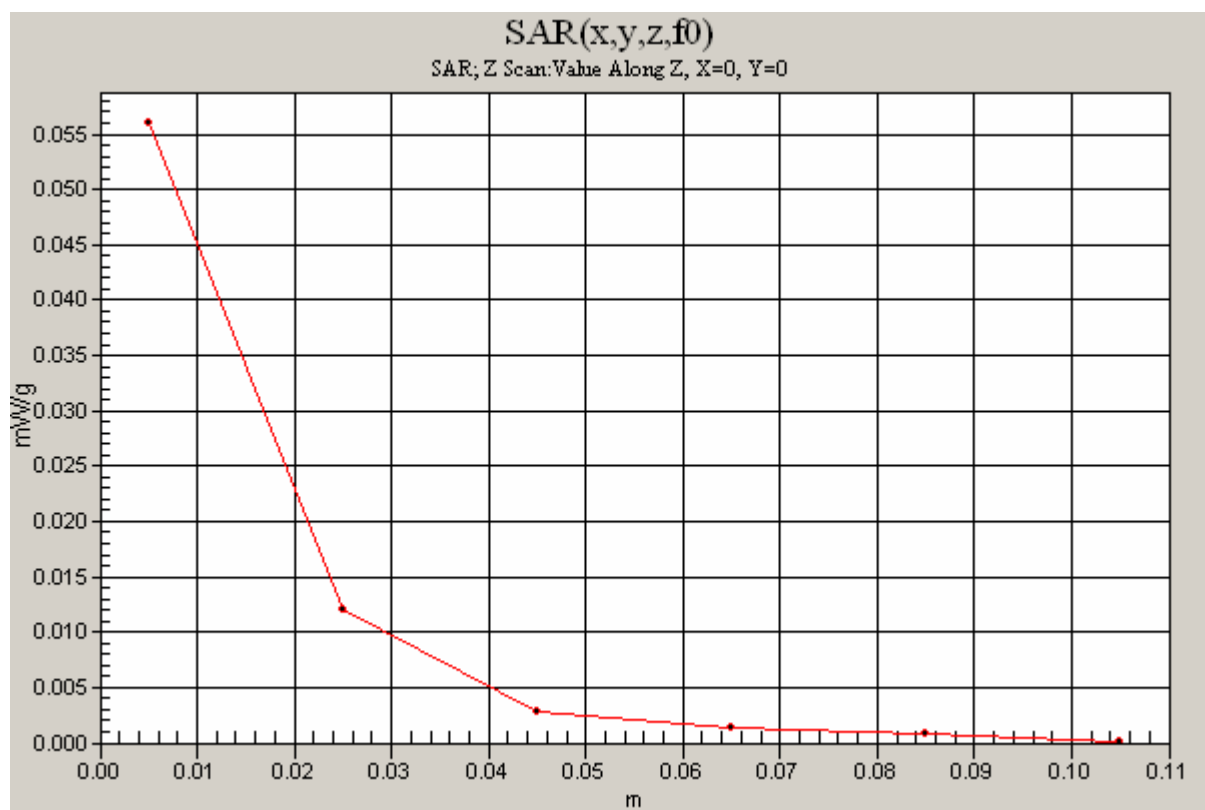
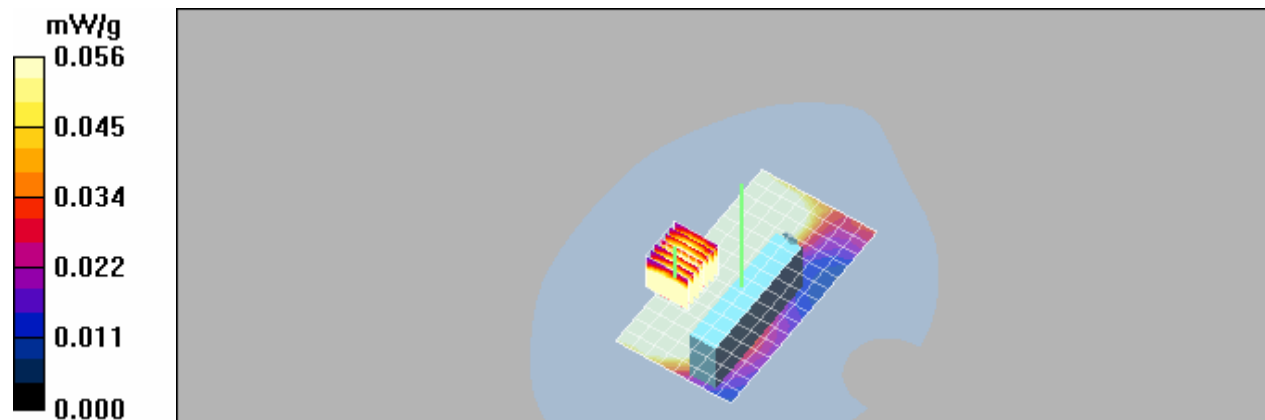
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.276 mW/g

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

Body Mode; HP Laptop; Antenna at 0 Degrees; Ch600/Z Scan (1x1x6):

Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (measured) = 0.056 mW/g



HP Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 45 Degrees

Date/Time: 9/13/2006 7:40:22 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

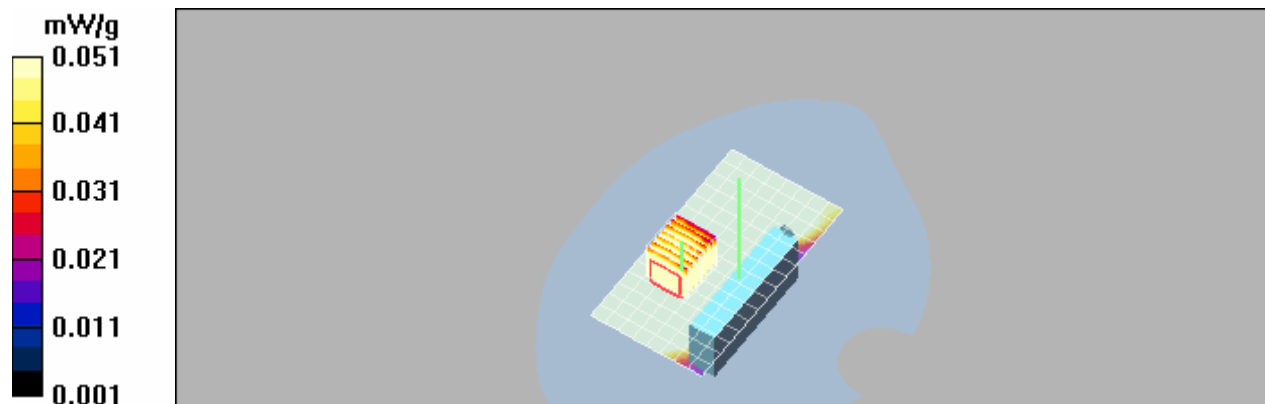
DASY4 Configuration:

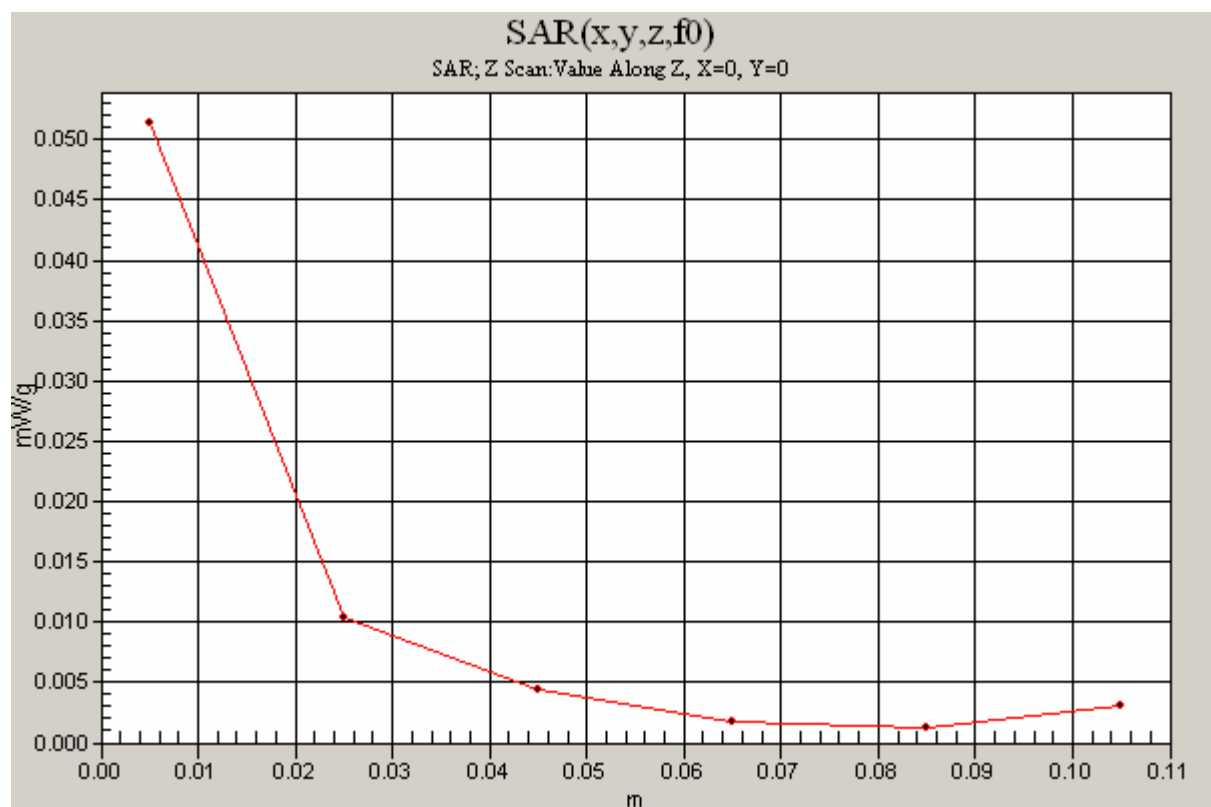
- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; HP Laptop; Antenna at 45 Degrees; Ch600/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.665 mW/g

Body Mode; HP Laptop; Antenna at 45 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.04 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.885 W/kg
SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.314 mW/g
Maximum value of SAR (measured) = 0.579 mW/g

Body Mode; HP Laptop; Antenna at 45 Degrees; Ch600/Z Scan (1x1x6):
Measurement grid: dx=20mm, dy=20mm, dz=20mm
Maximum value of SAR (measured) = 0.051 mW/g





HP Laptop, Body Mode, CDMA 2000 1X EV-DO PCS Ch 600 (Mid), Antenna at 90 Degrees

Date/Time: 9/13/2006 8:13:22 AM

Test Laboratory: Intertek ETL Semko

DUT: Novatel MCD3000; Type: USB/CDMA 1X EV-DO Adapter ; Serial: None

Communication System: CDMA 2000 1X EV-DO (PCS); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

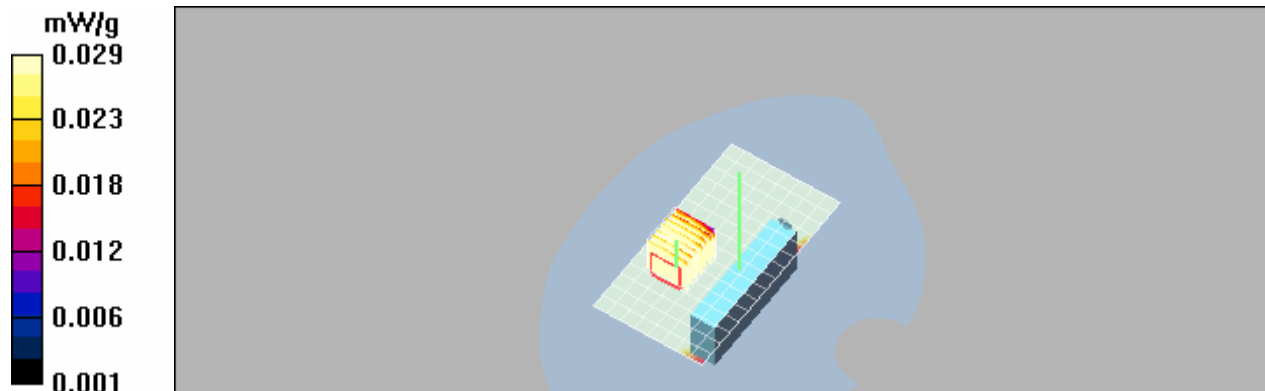
DASY4 Configuration:

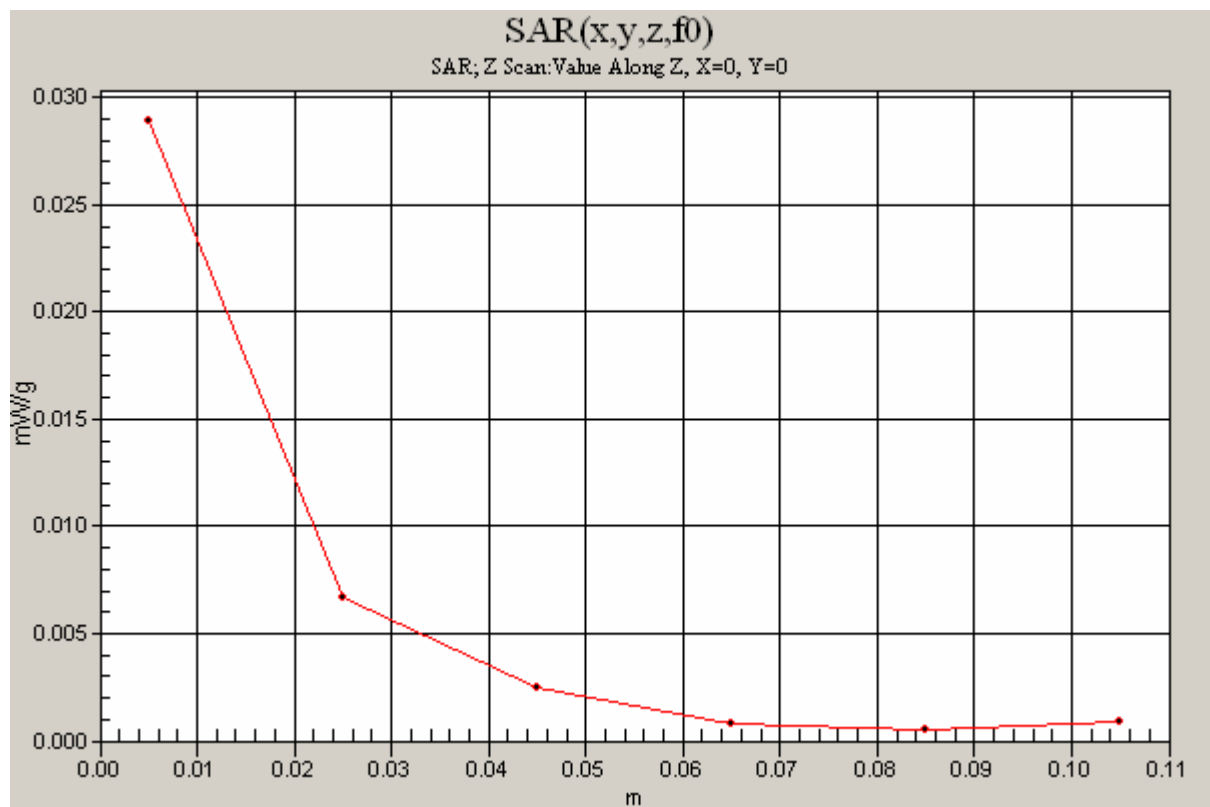
- Probe: EX3DV3 - SN3516; ConvF(8.72, 8.72, 8.72); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Body Mode; HP Laptop; Antenna at 90 Degrees; Ch600/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.422 mW/g

Body Mode; HP Laptop; Antenna at 90 Degrees; Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.67 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.392 mW/g

Body Mode; HP Laptop; Antenna at 90 Degrees; Ch600/Z Scan (1x1x6):
Measurement grid: dx=20mm, dy=20mm, dz=20mm
Maximum value of SAR (measured) = 0.029 mW/g





900MHz Dipole Validation, 9/12/2006

Date/Time: 9/12/2006 10:13:22 PM

Test Laboratory: Intertek ETL Semko

DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:013

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

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.46, 10.46, 10.46); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin = 12.8 mW/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.134 mW/g

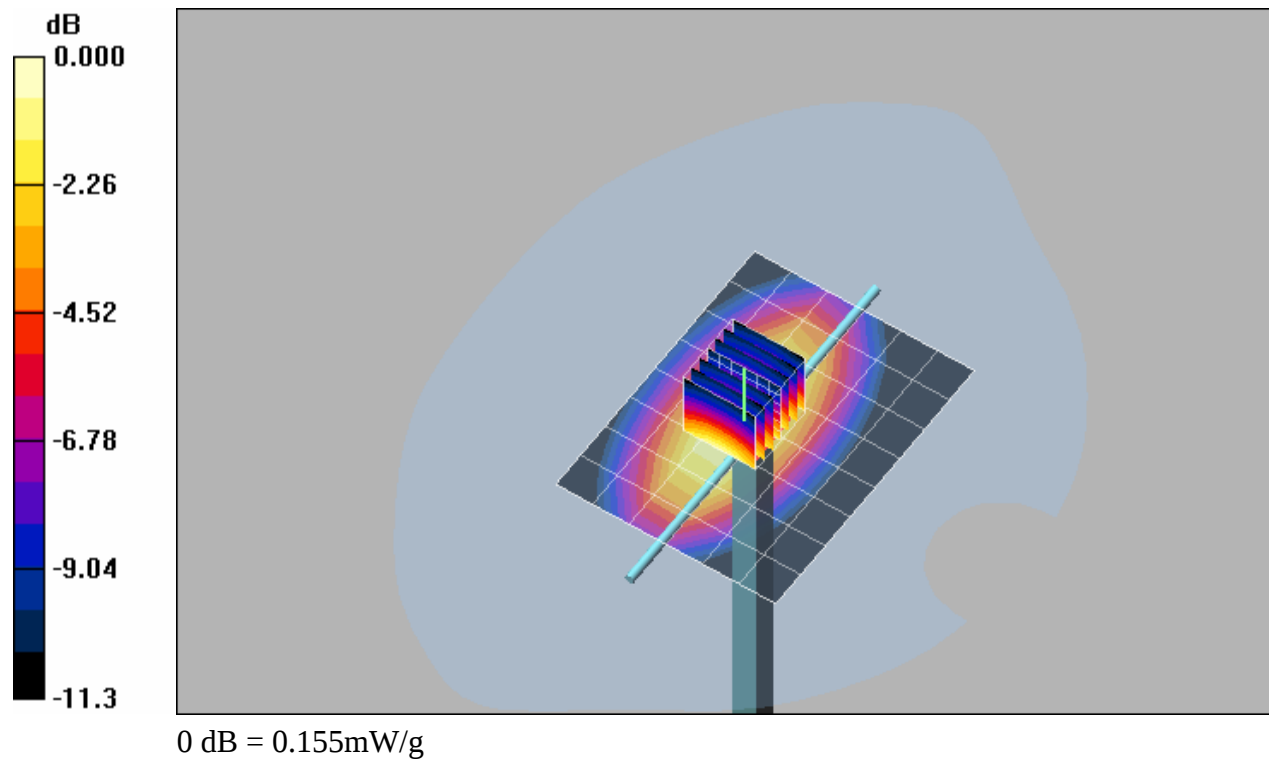
Pin = 12.8 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.5 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



1800MHz Dipole Validation, 9/13/2006

Date/Time: 9/13/2006 11:26:37 AM

Test Laboratory: Intertek ETL Semko

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:224

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.35 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(9.26, 9.26, 9.26); Probe Calibration Due: 10/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 3/23/2006
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin=7.5mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.237 mW/g

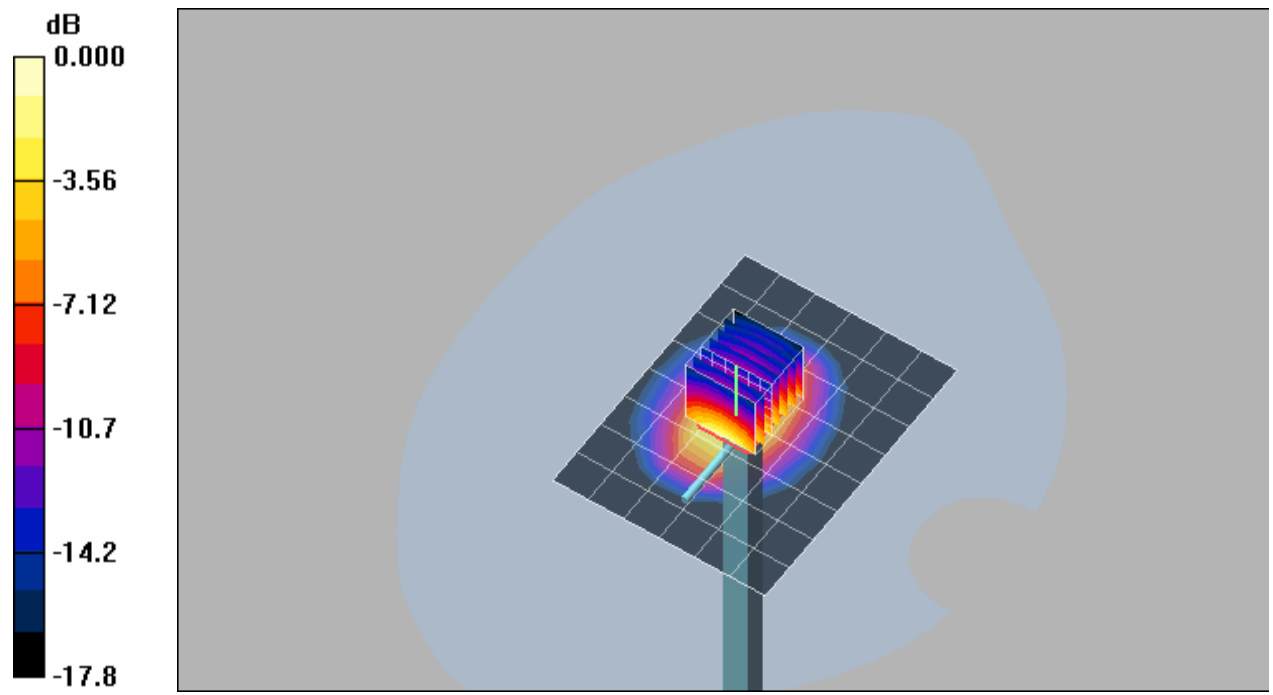
Pin=7.5mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.315mW/g