

Plot 1: 836.6MHz Right Touch

Date/Time: 4/7/2011 3:28:44 PM, Date/Time: 4/7/2011 3:36:55 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.09, 6.09, 6.09);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Right-Hand-Side HSL/Touch Position - Mid/Area Scan (9x9x1): Measurement

grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.772 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0:

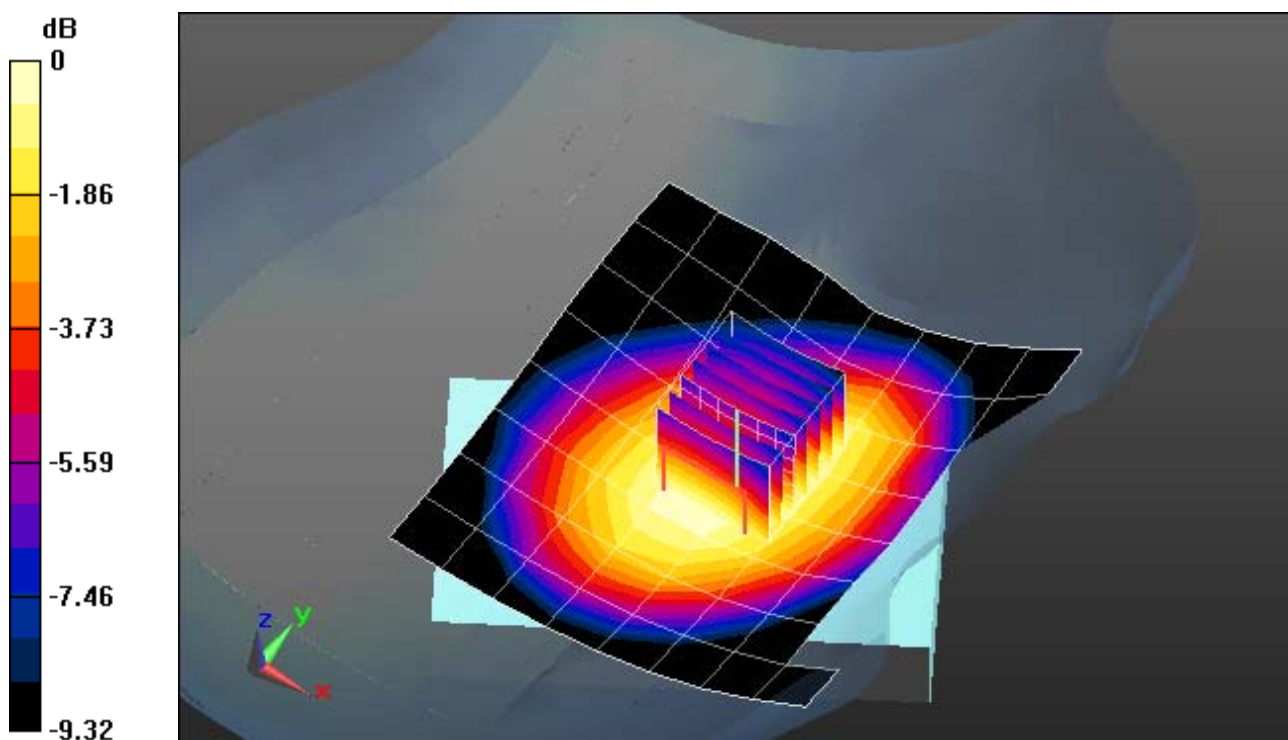
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.210 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.778 mW/g



0 dB = 0.778mW/g

Plot 2: 836.6MHz Right Tilt

Date/Time: 4/7/2011 3:58:16 PM, Date/Time: 4/7/2011 4:06:01 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.09, 6.09, 6.09);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Right-Hand-Side HSL/Tilt Position - Mid/Area Scan (9x9x1): Measurement grid:

dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.434 mW/g

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0:

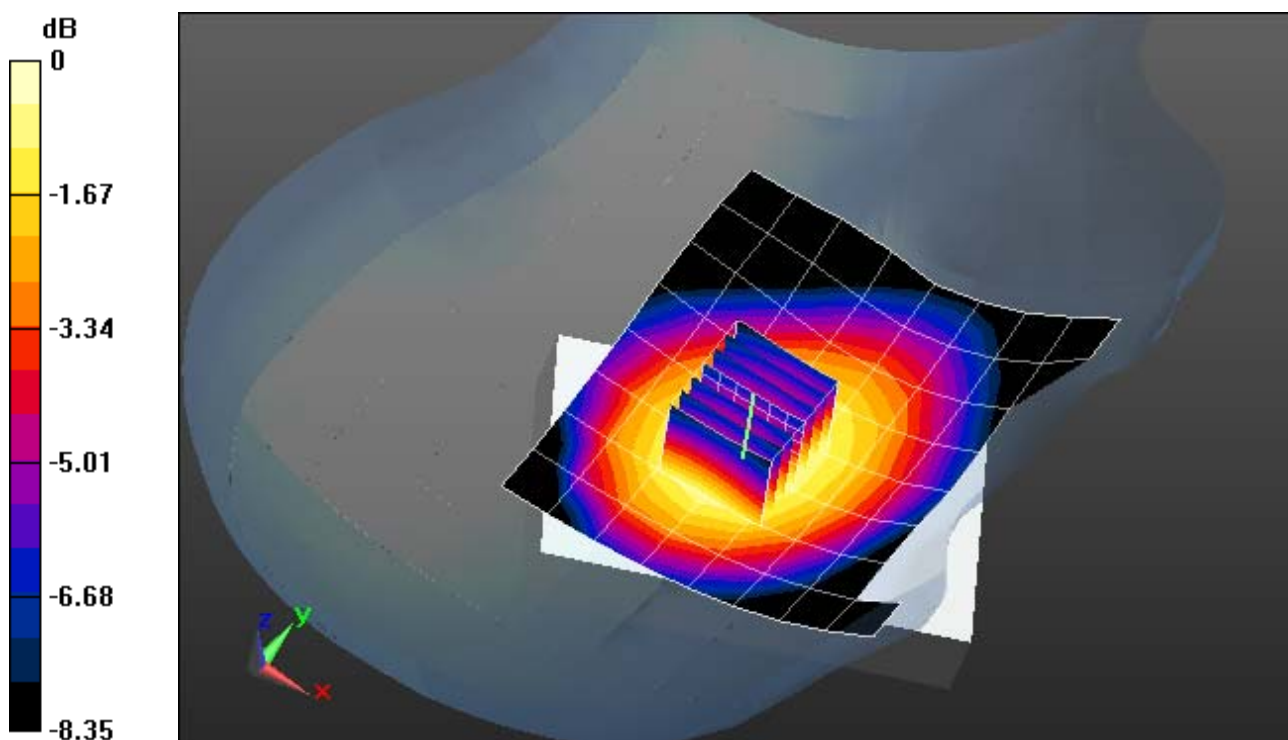
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.437 mW/g



0 dB = 0.437mW/g

Plot 3: 836.6MHz Left Touch

Date/Time: 4/7/2011 4:24:43 PM, Date/Time: 4/7/2011 4:32:44 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.09, 6.09, 6.09);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (9x9x1): Measurement

grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.589 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0:

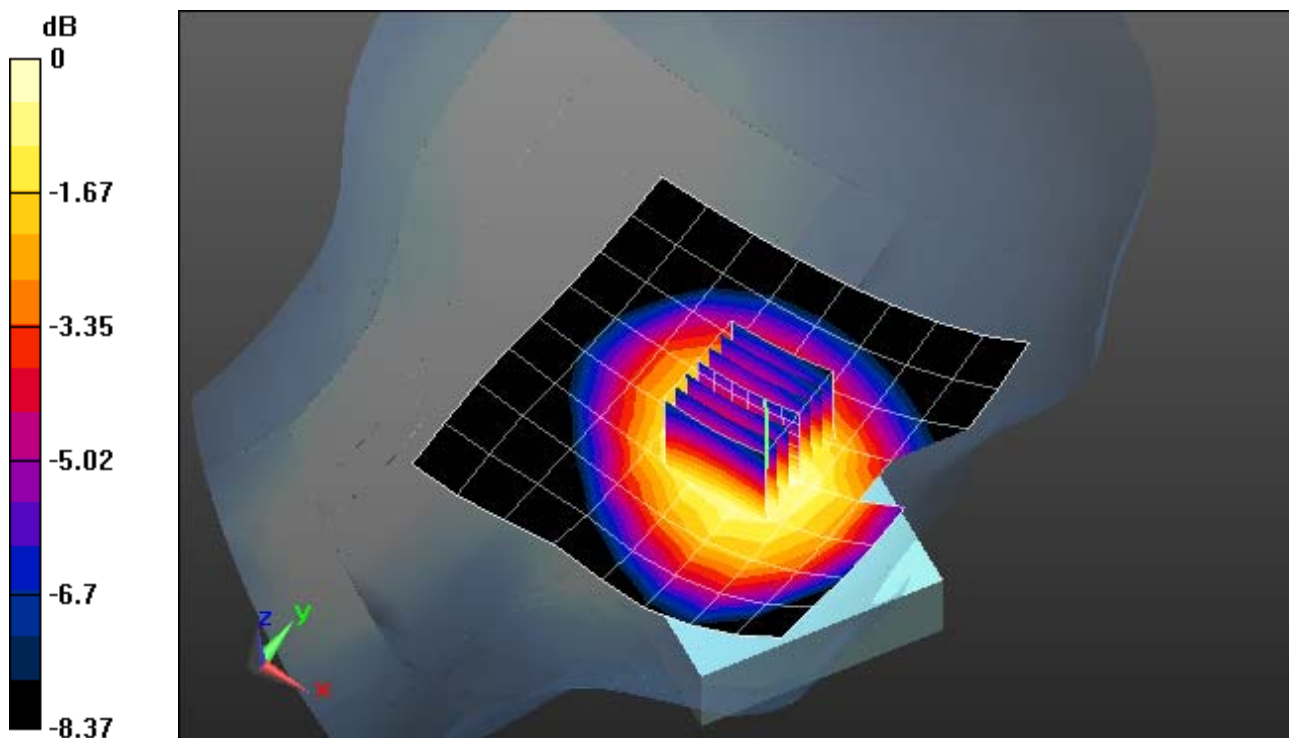
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.595 mW/g



0 dB = 0.595mW/g

Plot 4: 836.6MHz Left Tilt

Date/Time: 4/7/2011 4:47:30 PM, Date/Time: 4/7/2011 4:55:31 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.09, 6.09, 6.09);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Left-Hand-Side HSL/Tilt Position - Mid/Area Scan (9x9x1): Measurement grid:

dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.397 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0:

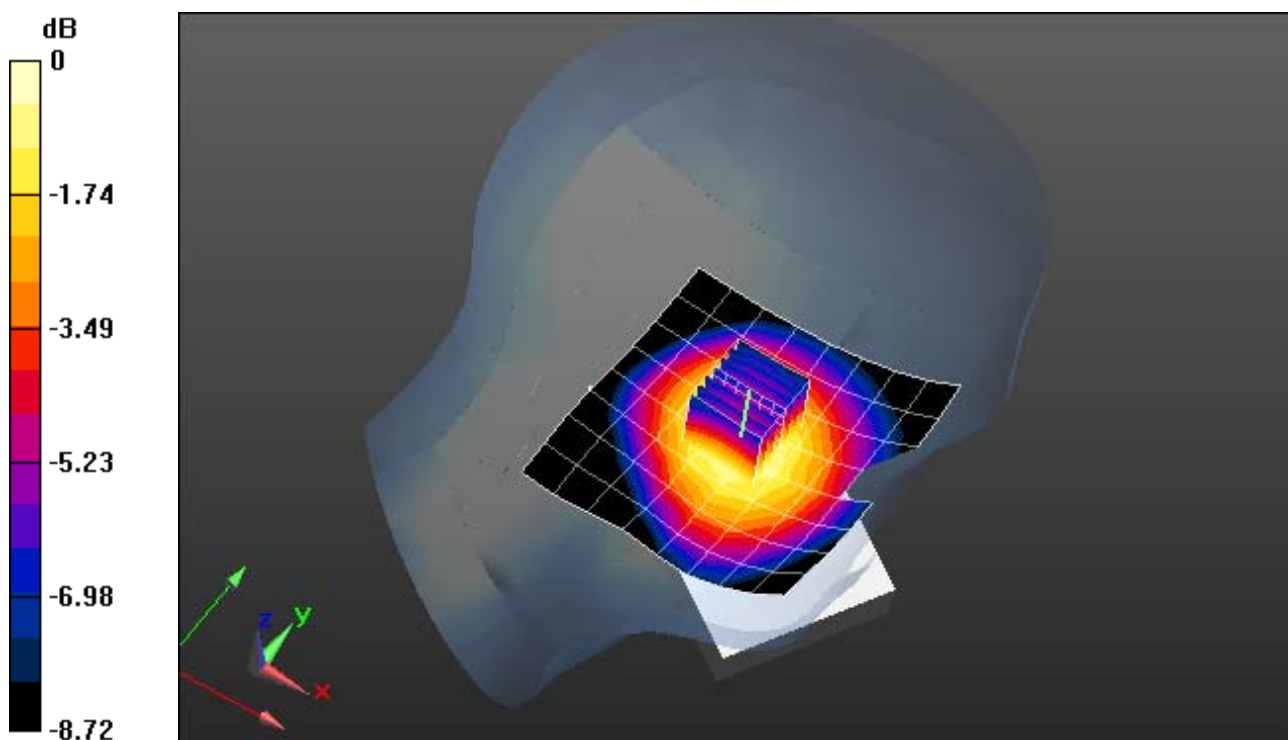
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16 V/m; Power Drift = 0.00723 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.424 mW/g



0 dB = 0.424mW/g

Plot 5: 836.6MHz Back

Date/Time: 3/31/2011 4:10:57 PM, Date/Time: 3/31/2011 4:17:09 PM

DUT: Protech with Holster; Serial: 35000065

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section MSL/836 Back/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.623 mW/g

Flat-Section MSL/836 Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

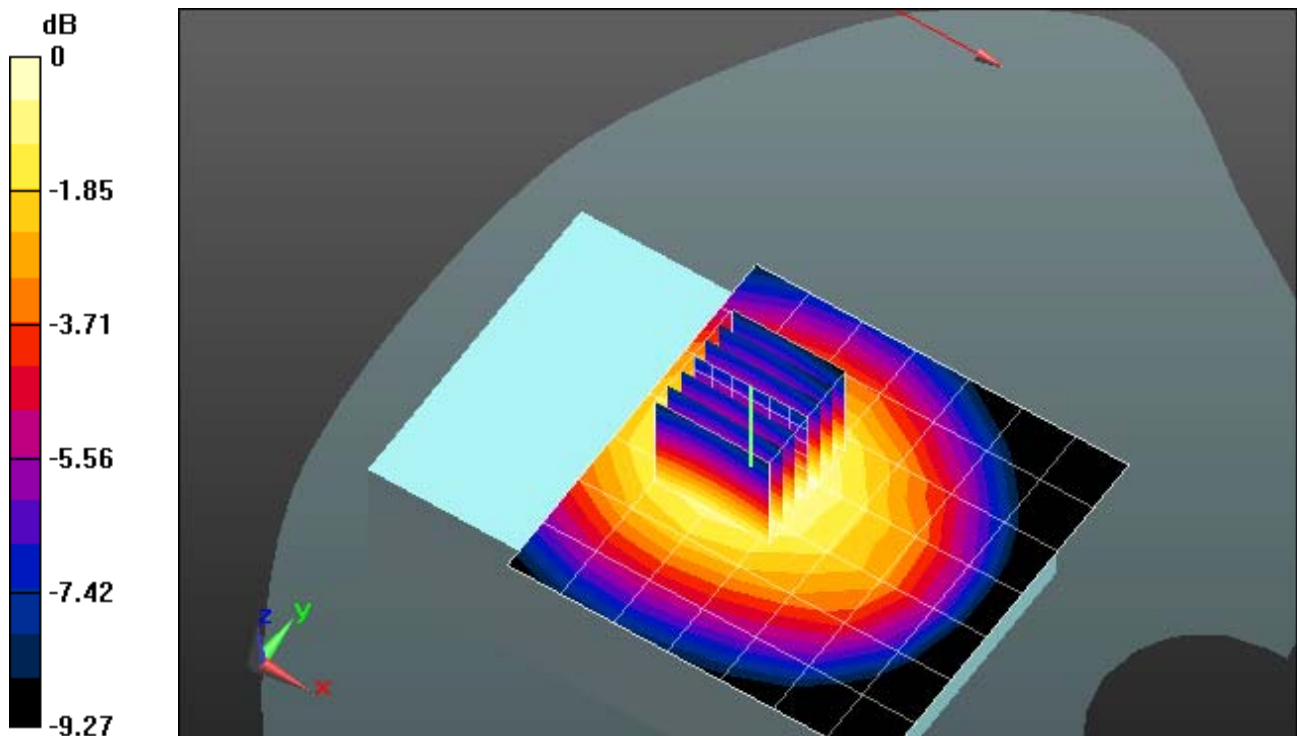
dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.627mW/g

Plot 6: 1880MHz Right Touch

Date/Time: 4/4/2011 5:27:06 PM, Date/Time: 4/4/2011 5:35:56 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Right-Hand-Side HSL/Touch Position - Mid/Area Scan (8x11x1): Measurement

grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.350 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0:

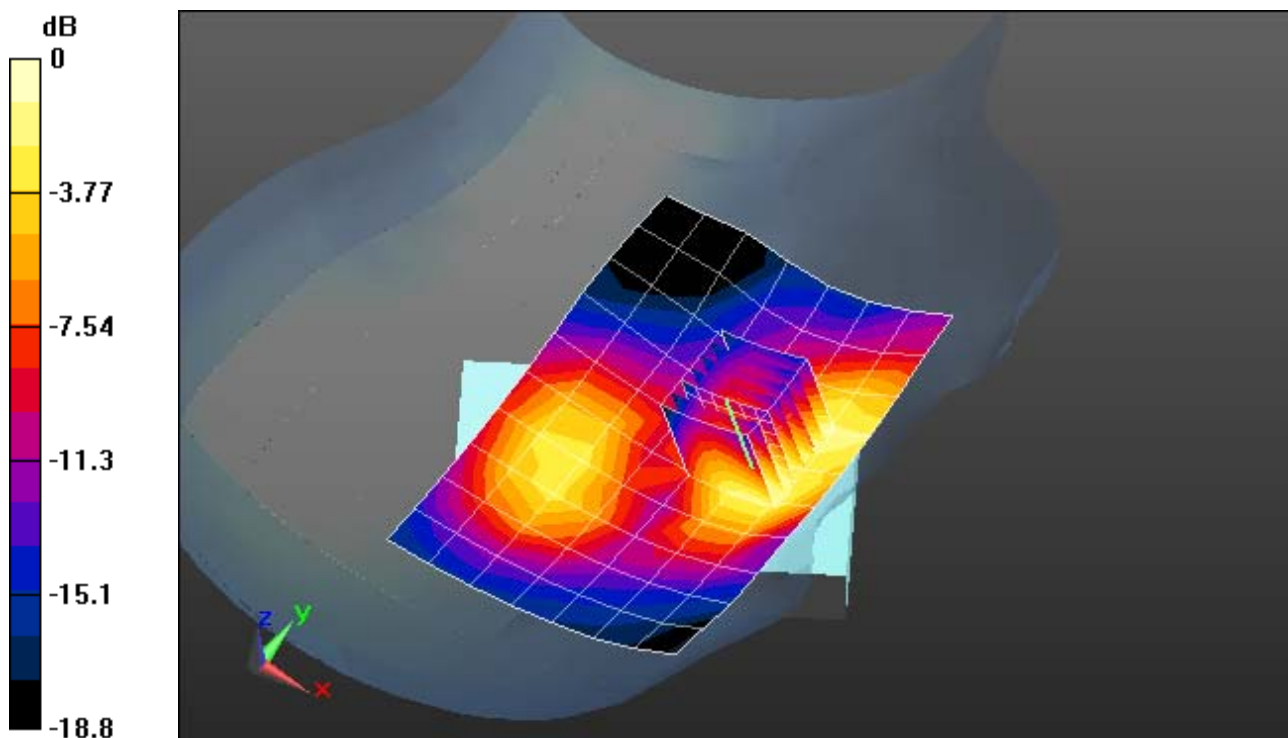
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.98 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.347 mW/g



Plot 7: 1880MHz Right Tilt

Date/Time: 4/4/2011 5:56:08 PM, Date/Time: 4/4/2011 6:06:14 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Right-Hand-Side HSL/Tilt Position - Mid/Area Scan (8x11x1): Measurement

grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.175 mW/g

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0:

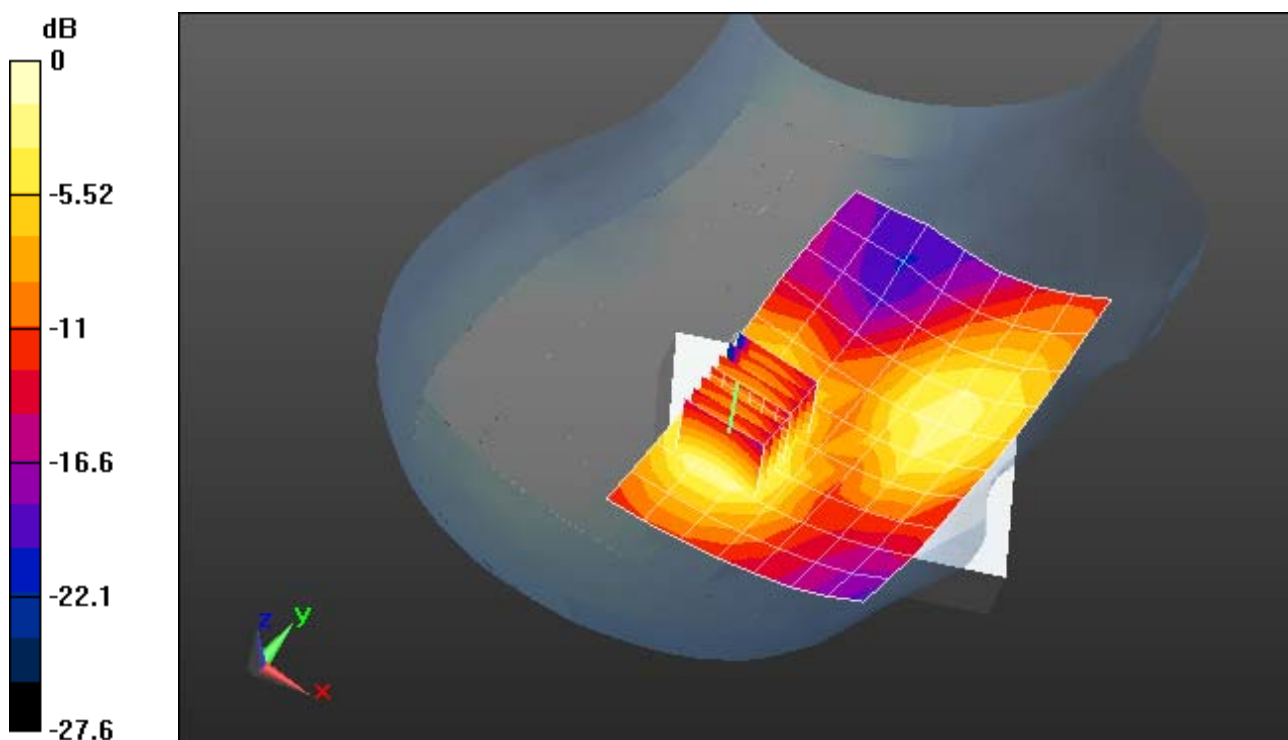
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



0 dB = 0.190mW/g

Plot 8: 1880MHz Left Touch

Date/Time: 4/5/2011 1:17:27 PM, Date/Time: 4/5/2011 1:25:37 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (9x9x1): Measurement

grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.504 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0:

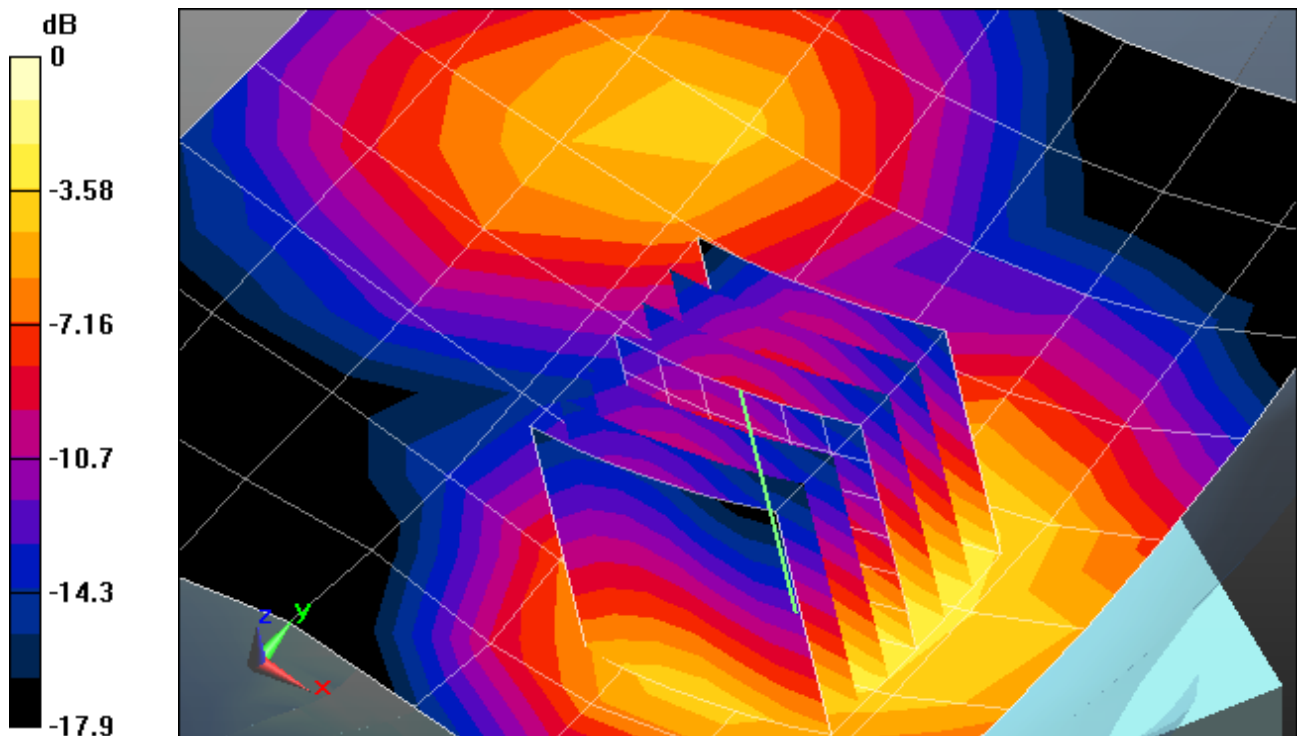
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.927 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.623 mW/g



0 dB = 0.623mW/g

Plot 9: 1880MHz Left Tilt

Date/Time: 4/5/2011 1:40:44 PM, Date/Time: 4/5/2011 1:49:24 PM

DUT: ProTech; Serial: 35000065

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Left-Hand-Side HSL/Tilt Position - Mid/Area Scan (9x9x1): Measurement grid:

dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.129 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0:

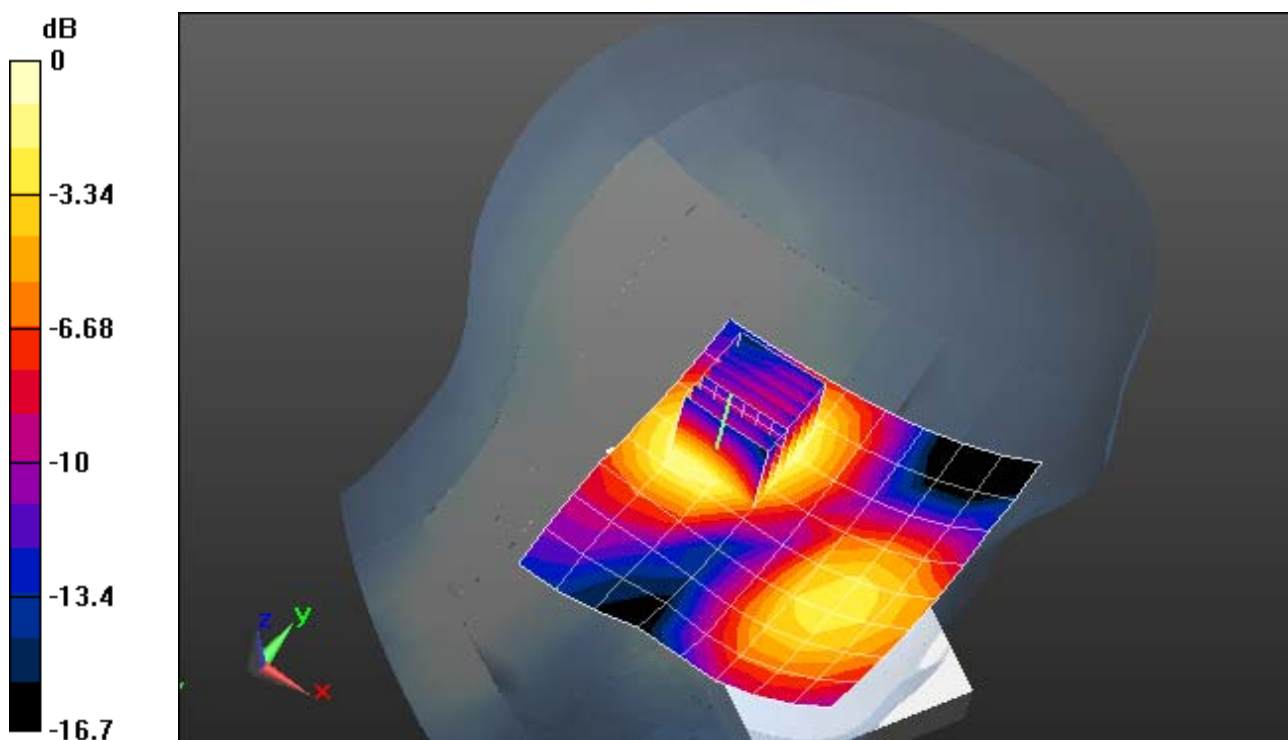
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.82 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.076 mW/g

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



0 dB = 0.135mW/g

Plot 10: 1880MHz Back

Date/Time: 4/1/2011 1:33:27 PM, Date/Time: 4/1/2011 1:39:36 PM

DUT: Protech with Holster; Serial: 35000065

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section MSL/1880 Back/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.284 mW/g

Flat-Section MSL/1880 Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

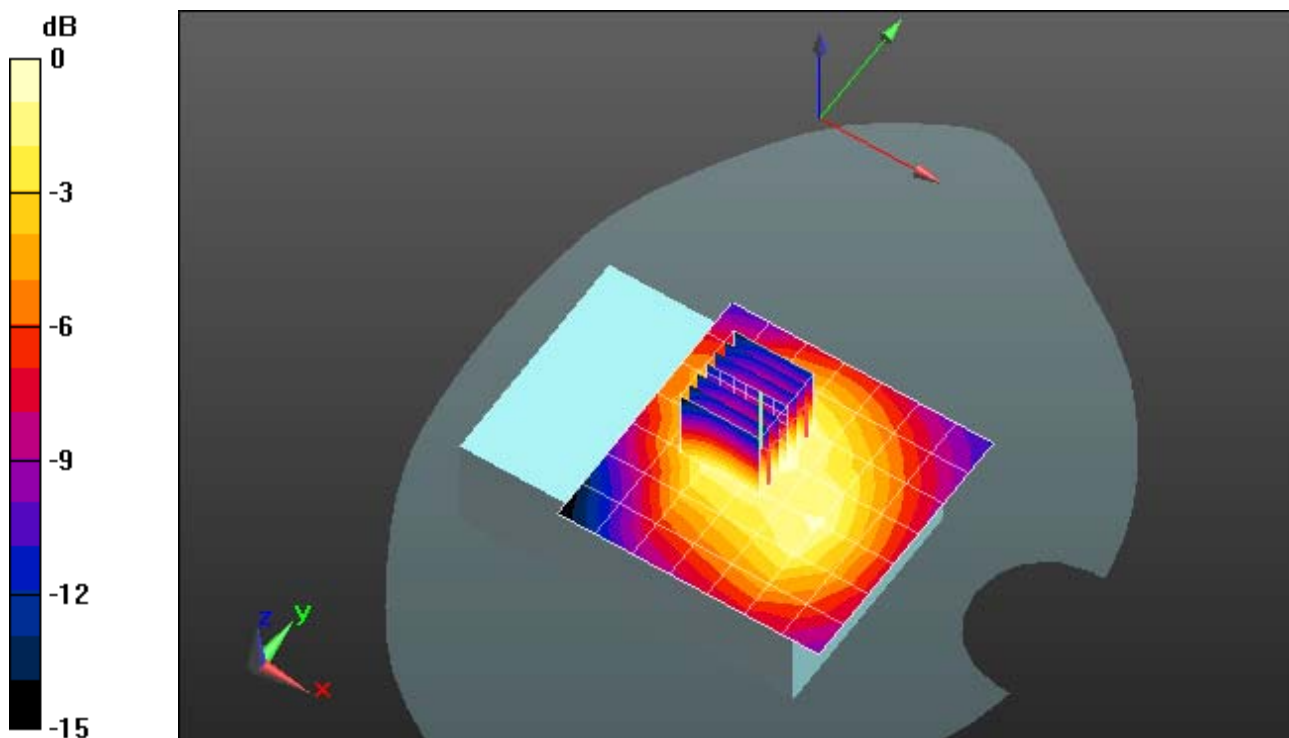
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.290 mW/g



Plot 11: 835MHz Dipole Verification, Head Liquid, 2011/04/07

Date/Time: 4/7/2011 2:31:18 PM, Date/Time: 4/7/2011 2:37:45 PM

DUT: Dipole 835 MHz D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.09, 6.09, 6.09);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.3 mW/g

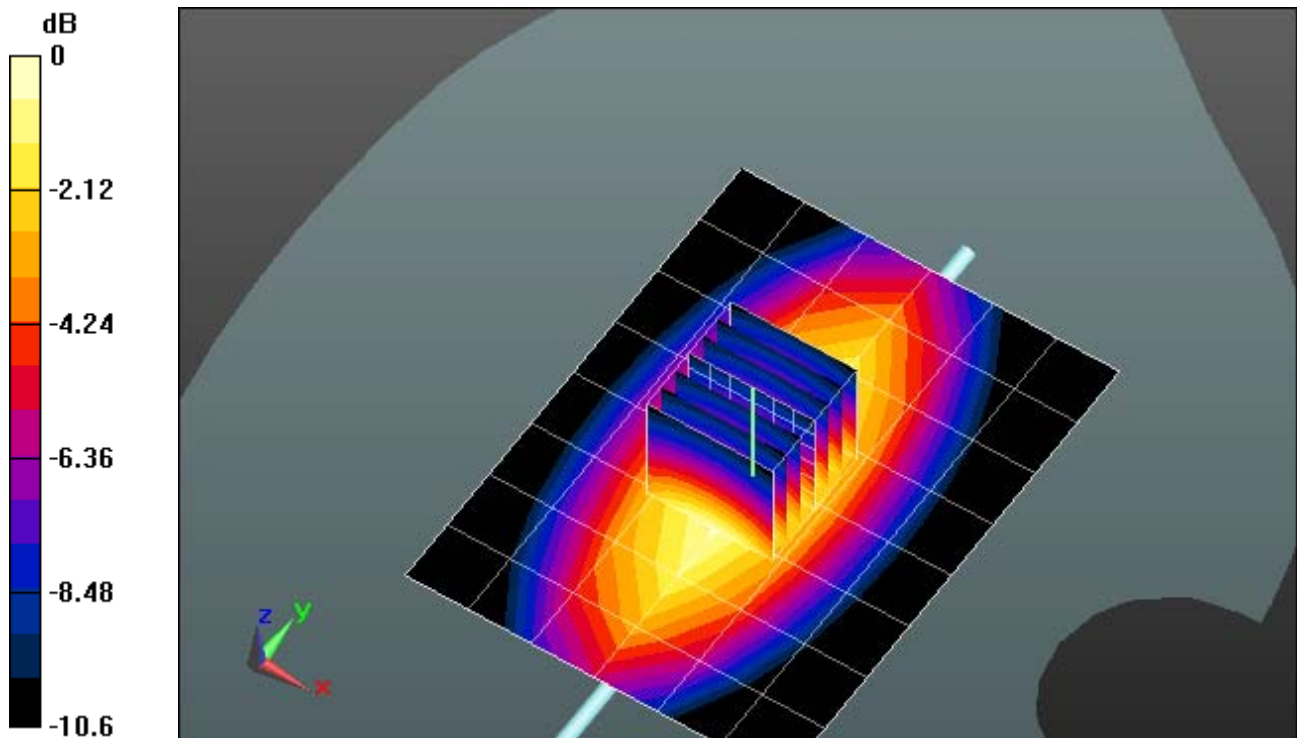
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.5 V/m; Power Drift = 0.115 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 9.81 mW/g; SAR(10 g) = 6.37 mW/g

Maximum value of SAR (measured) = 11.5 mW/g



0 dB = 11.5mW/g

Plot 12: 835MHz Dipole Verification, Body Liquid, 2011/03/31

Date/Time: 3/31/2011 10:33:09 AM, Date/Time: 3/31/2011 10:39:38 AM

DUT: Dipole 835 MHz D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.2 mW/g

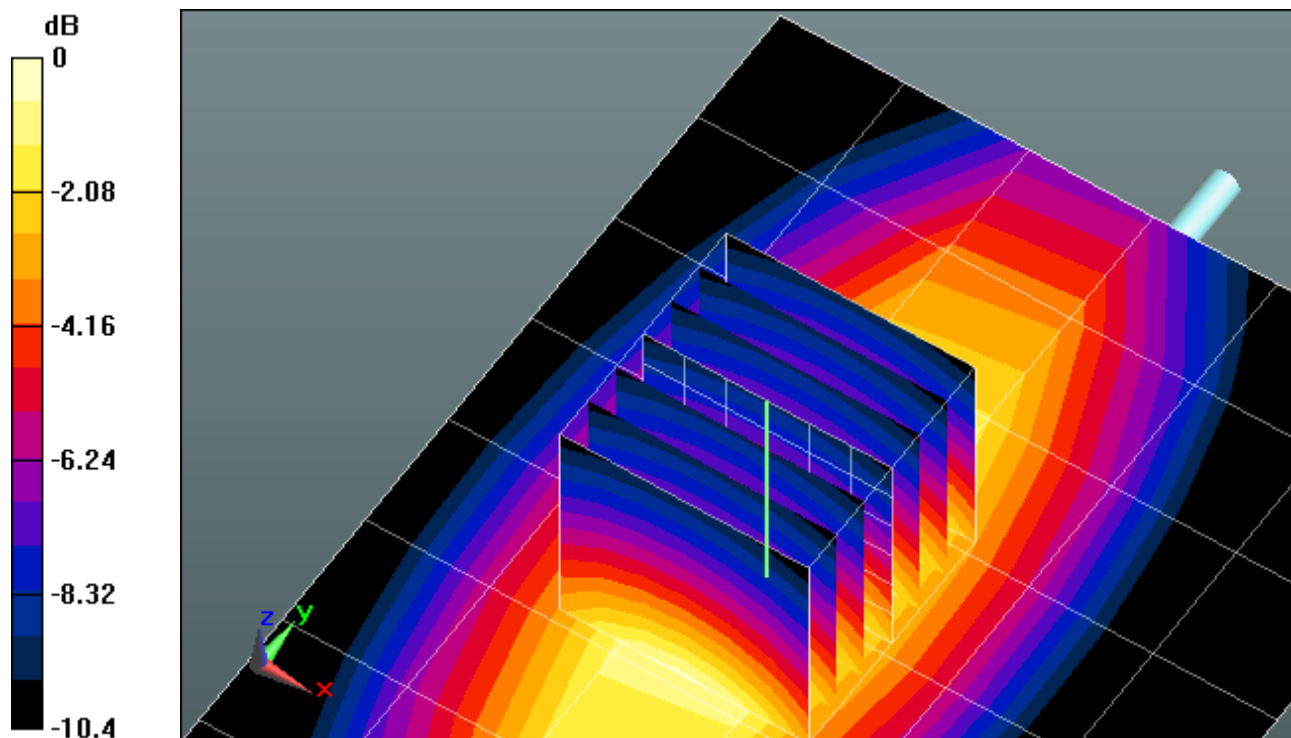
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.7 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.83 mW/g

Maximum value of SAR (measured) = 12.3 mW/g



0 dB = 12.3mW/g

Plot 13: 1900MHz Dipole Verification, Head Liquid, 2011/04/04

Date/Time: 4/4/2011 4:16:48 PM, Date/Time: 4/4/2011 4:21:48 PM

DUT: Dipole 1900 MHz D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 41.5 mW/g

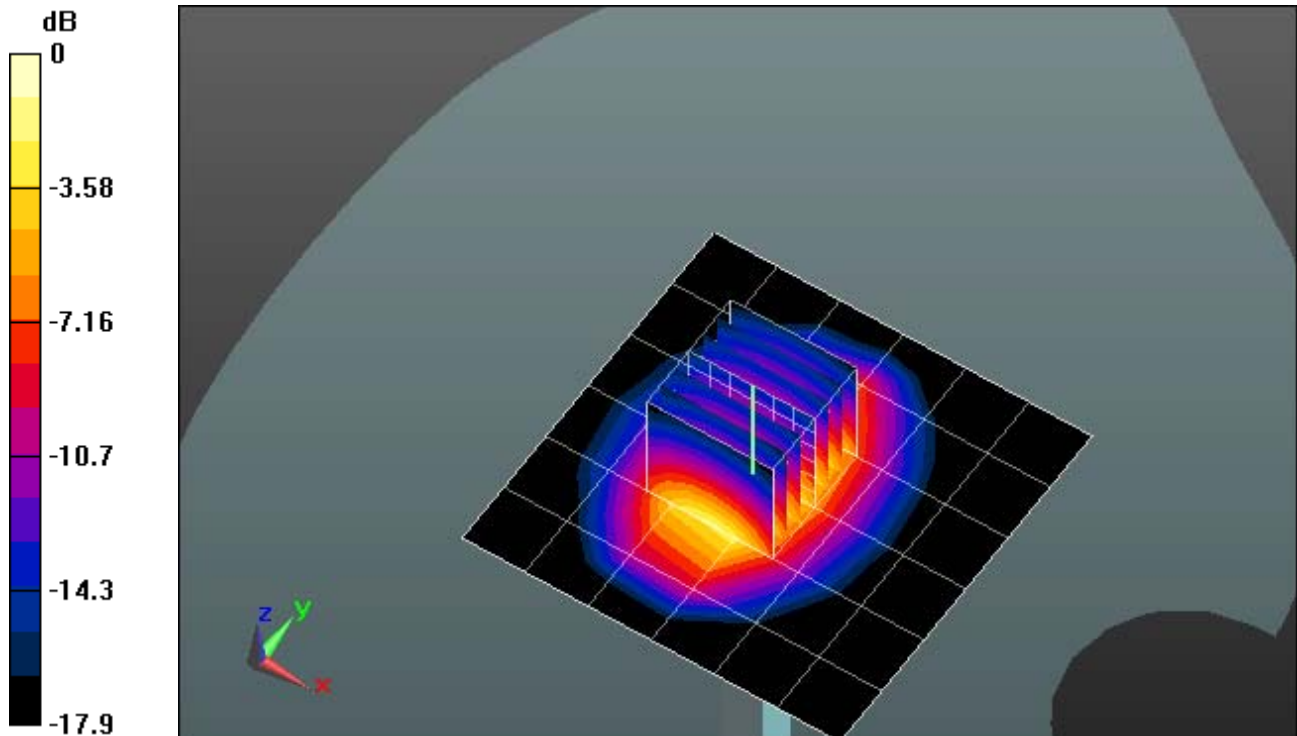
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 197.2 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 76.1 W/kg

SAR(1 g) = 40.8 mW/g; SAR(10 g) = 20.9 mW/g

Maximum value of SAR (measured) = 51.9 mW/g



0 dB = 51.9mW/g

Plot 14: 1900MHz Dipole Verification, Body Liquid, 2011/04/01

Date/Time: 4/1/2011 11:44:54 AM, Date/Time: 4/1/2011 11:52:40 AM

DUT: Dipole 1900 MHz D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

System Check 1900 MSL 3-26-11/System Performance Check - 3-26-**11/Area Scan (9x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 49.9 mW/g

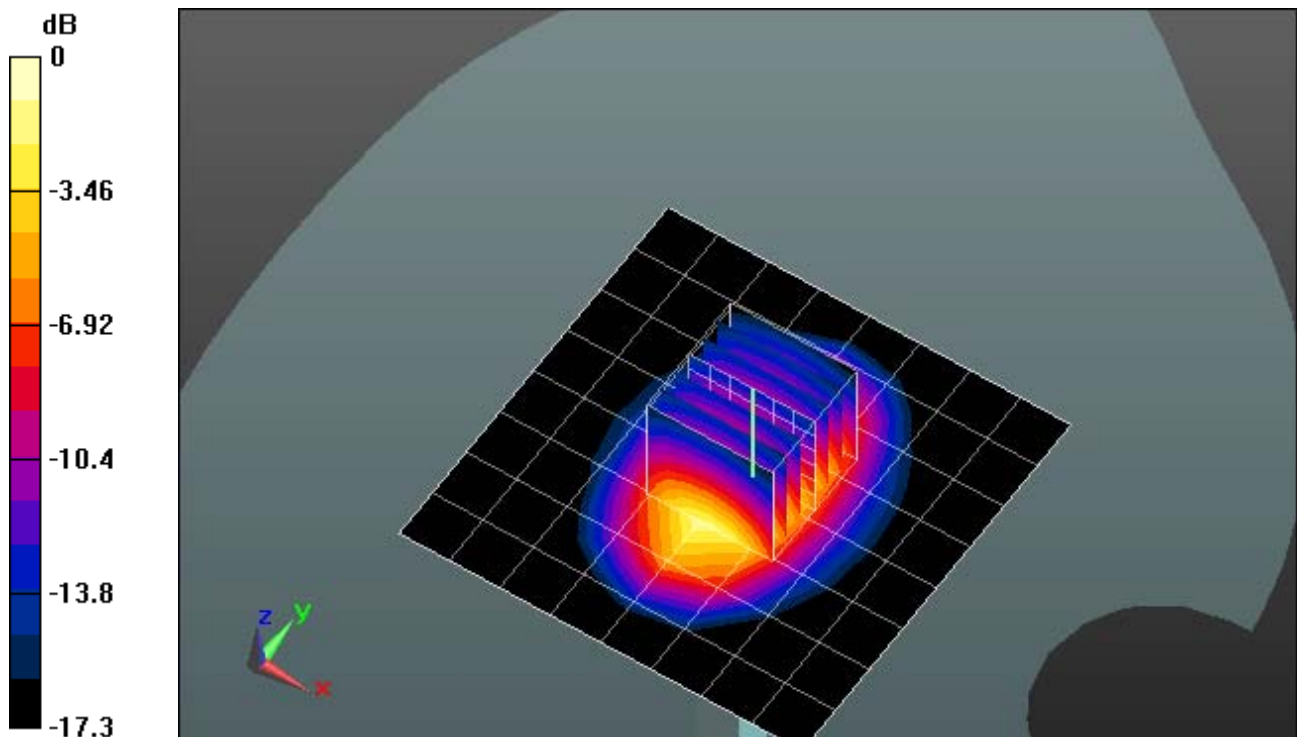
System Check 1900 MSL 3-26-11/System Performance Check - 3-26-**11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 177.9 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 75.8 W/kg

SAR(1 g) = 42.7 mW/g; SAR(10 g) = 22.2 mW/g

Maximum value of SAR (measured) = 48.6 mW/g



0 dB = 48.6mW/g