

**Appendix B:**  
**SAR Distribution Plots**

Date/Time: 11/17/04 14:00:21

Test Laboratory: Kyocera

**KPC650 C2PC #SHY5, CDMA-800 ch383, FLAT #2 position with Dell**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: M900, Medium parameters used (interpolated):  $f = 836.49 \text{ MHz}$ ;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon_r = 56.5$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom: SAM 12, Phantom section: Flat Section

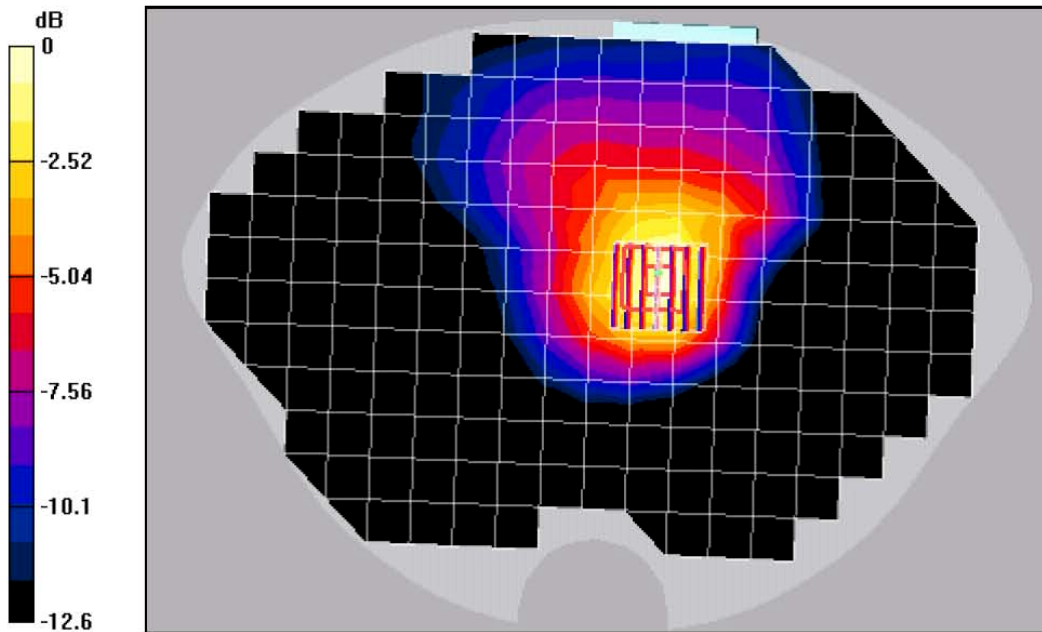
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1714, ConvF(6.23, 6.23, 6.23), Calibrated: 9/29/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn322, Calibrated: 7/9/2004  
 Measurement SW: DASY4, V4.4 Build 3  
 Postprocessing SW: SEMCAD, V1.8 Build 130

**Temperature:**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-800 Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.2 V/m, Power Dri ft = 0.0 dB  
 Peak SAR (extrapolated) = 1.71 W/kg  
**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.823 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

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Test Laboratory: Kyocera

**KPC650 C2PC #SHY5, CDMA-800 ch383, FLAT #2 position with Dell D600**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.92$  mho/m;  $\epsilon_r = 56.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Flat Section

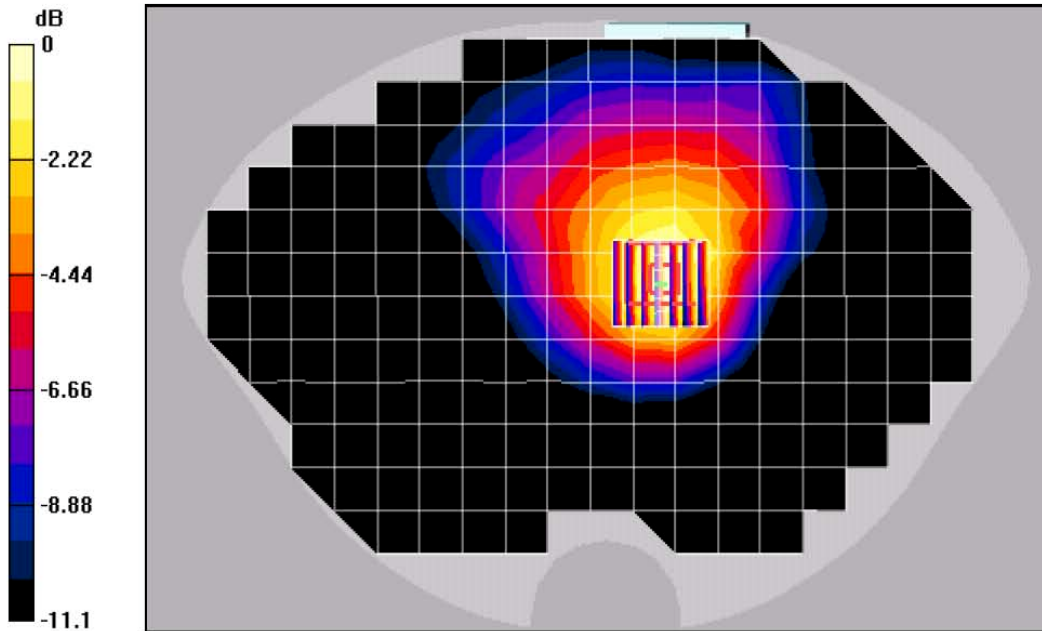
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1714, ConvF(6.23, 6.23, 6.23), Calibrated: 9/29/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn322, Calibrated: 7/9/2004  
 Measurement SW: DASY4, V4.4 Build 3  
 Postprocessing SW: SEMCAD, V1.8 Build 130

**Temperature**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-800 Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.0 dB  
 Peak SAR (extrapolated) = 1.38 W/kg  
**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.681 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

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Test Laboratory: Kyocera

### KPC650 C2PC #SHY5, CDMA-800 ch383, FLAT #2 position with HP

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.92$  mho/m,  $\epsilon_r = 56.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(6.23, 6.23, 6.23), Calibrated: 9/29/2004

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn322, Calibrated: 7/9/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

#### Temperature

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

### CDMA-800 Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

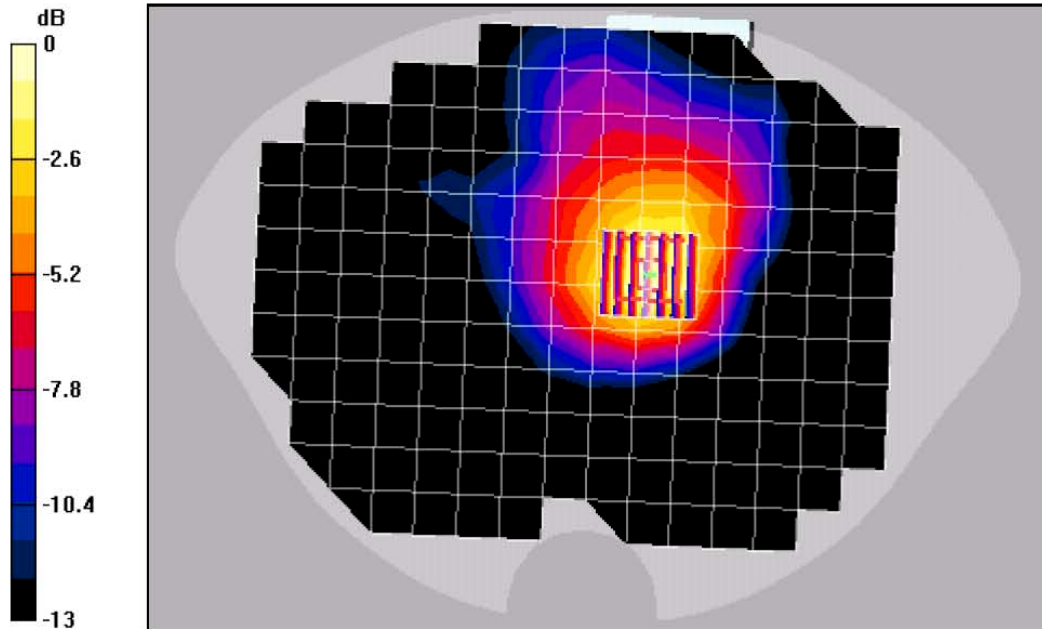
Reference Value = 27.5 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 2.1 W/kg

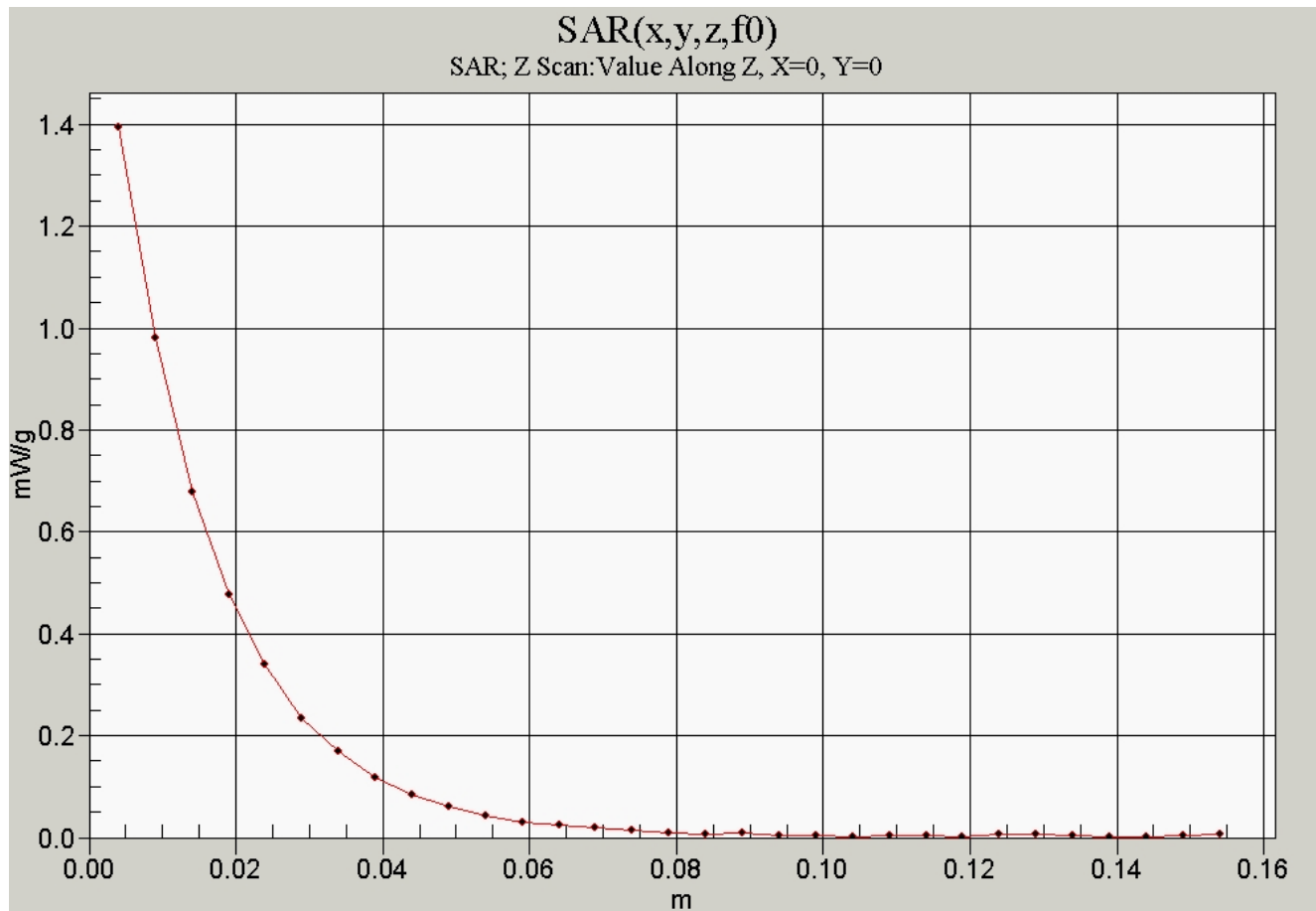
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.902 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.55 mW/g



0 dB = 1.55mW/g



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Test Laboratory: Kyocera

### KPC650 C2PC #SHY5, PCS ch1175, FLAT #2 position with Dell

Communication System: PCS-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated):  $f = 1908.75$  MHz,  $\sigma = 1.51$  mho/m,  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(4.71, 4.71, 4.71), Calibrated: 9/29/2004

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn322, Calibrated: 7/9/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

#### Temperature

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

#### PCS ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

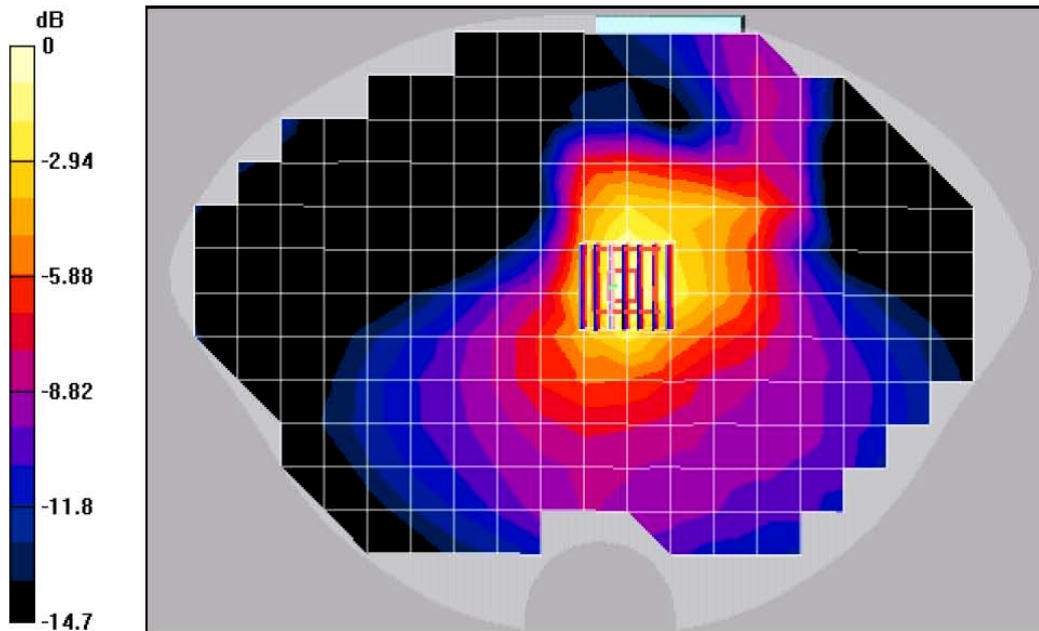
Reference Value = 15.3 V/m, Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.286 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.530 mW/g



0 dB = 0.530mW/g

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Test Laboratory: Kyocera

### KPC650 C2PC #SHY5, PCS ch 1175, FLAT #2 position with Dell D600

Communication System: PCS-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated):  $f = 1908.75$  MHz,  $\sigma = 1.51$  mho/m,  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(4.71, 4.71, 4.71), Calibrated: 9/29/2004

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn322, Calibrated: 7/9/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

#### Temperature

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

#### PCS ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

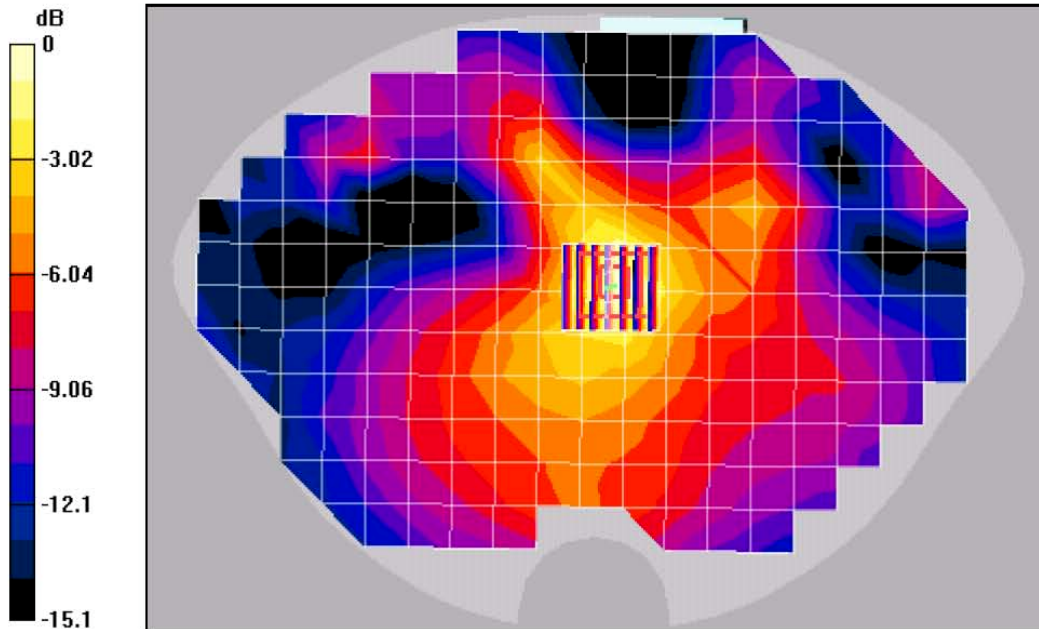
Reference Value = 11.7 V/m, Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.414 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.151 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.281mW/g

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Test Laboratory: Kyocera

### KPC650 C2PC #SHY5, PCS ch1175 FLAT #2 position with HP

Communication System: PCS-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated):  $f = 1908.75$  MHz,  $\sigma = 1.51$  mho/m,  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(4.71, 4.71, 4.71), Calibrated: 9/29/2004

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn322, Calibrated: 7/9/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

#### Temperature

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

### PCS ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

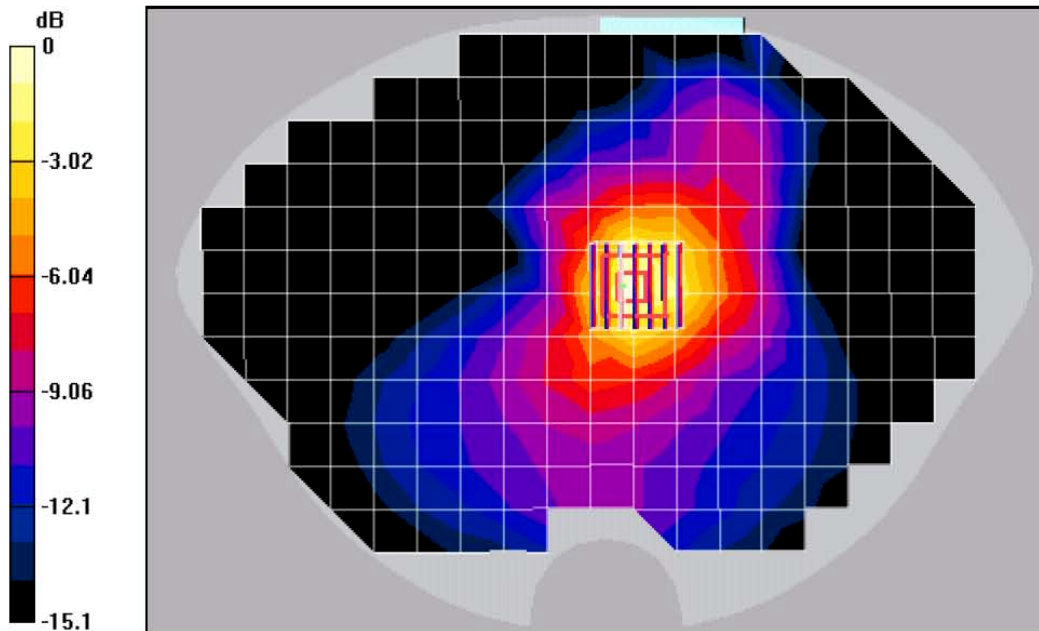
Reference Value = 17.9 V/m, Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.464 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

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



0 dB = 0.860mW/g



