

**Appendix B:**  
**SAR Distribution Plots (Body)**

Test Laboratory: Kyocera

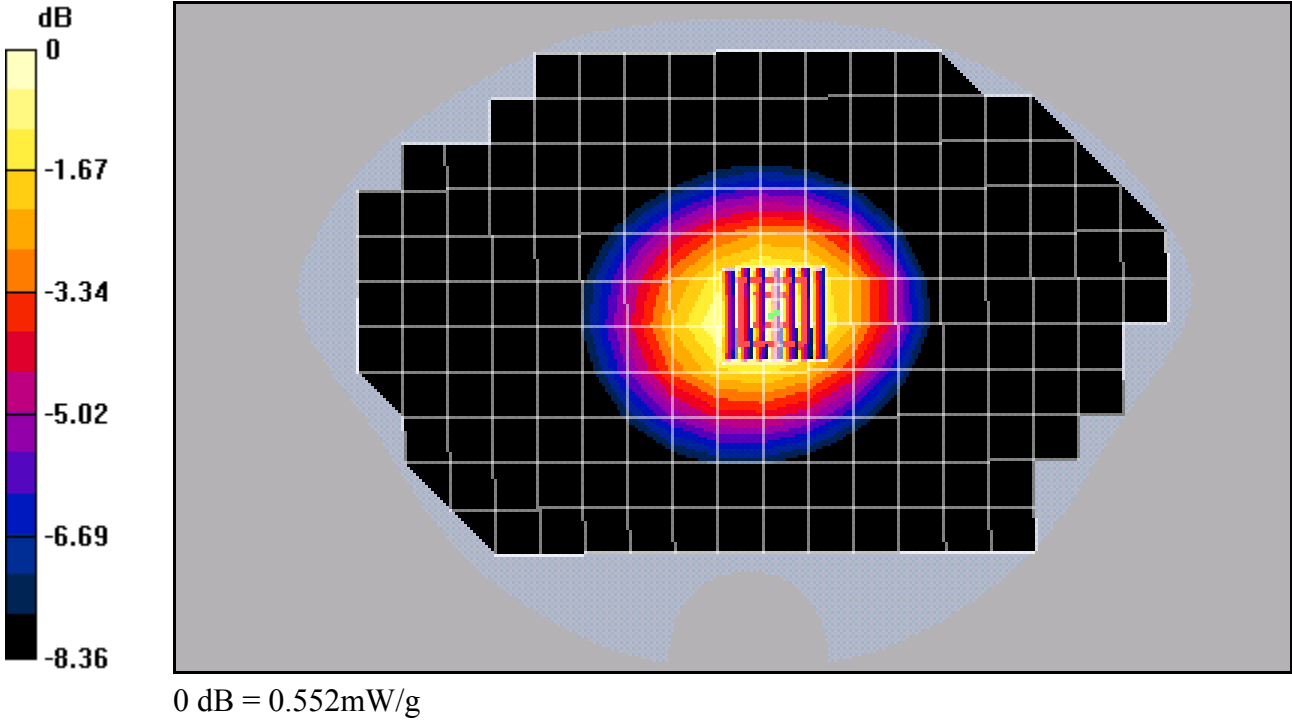
### C2PC KX9 #X39D, AMPS ch383 FLAT with Phone Closed & Leather Case

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1  
Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**  
Probe: ET3DV6 - SN1664, ConvF(6.17, 6.17, 6.17), Calibrated: 9/2/2004  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE4 Sn602, Calibrated: 8/27/2004  
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

**AMPS FLAT Ch383/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 24.4 V/m; Power Drift = 0.0 dB  
Peak SAR (extrapolated) = 0.663 W/kg  
SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.382 mW/g



Test Laboratory: Kyocera

### C2PC KX9 #X41Q, AMPS ch383 FLAT with Phone Open & Leather Case

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, ConvF(6.17, 6.17, 6.17), Calibrated: 9/2/2004  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE4 Sn602, Calibrated: 8/27/2004  
Measurement SW: DASY4, V4.4 Build 3  
Postprocessing SW: SEMCAD, V1.8 Build 130

**Temperature:**

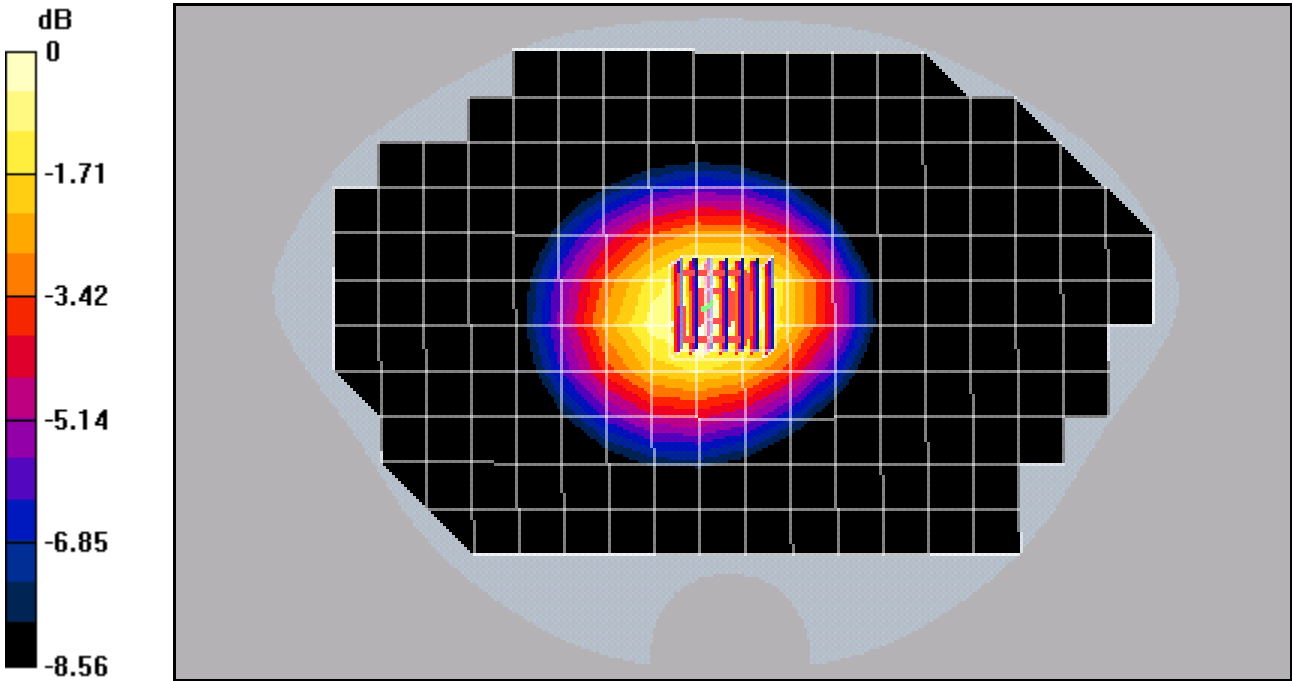
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

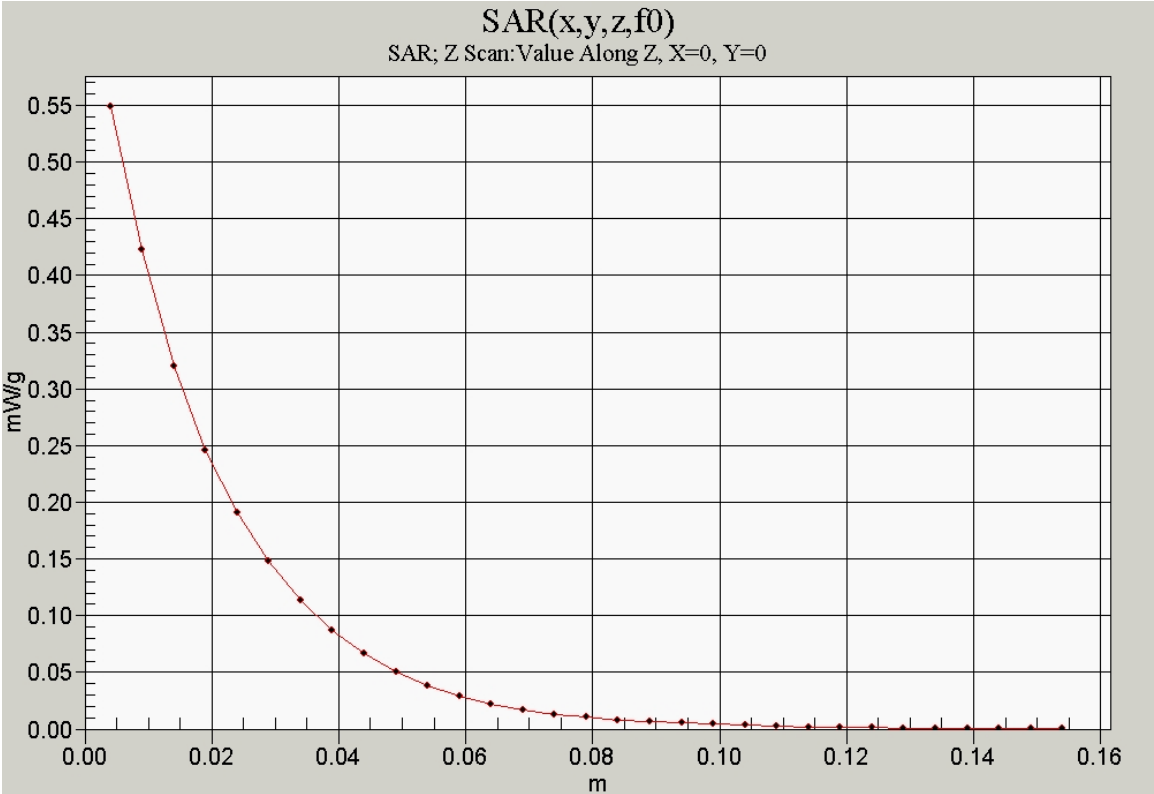
Reference Value = 22.9 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.353 mW/g



0 dB = 0.511mW/g



Test Laboratory: Kyocera

### C2PC KX9 #X41Q, CDMA-800 ch383 FLAT with Phone Closed & Leather Case

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated):  $f = 836.49$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.17, 6.17, 6.17), Calibrated: 9/2/2004

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

Electronics: DAE4 Sn602, Calibrated: 8/27/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

#### Temperature:

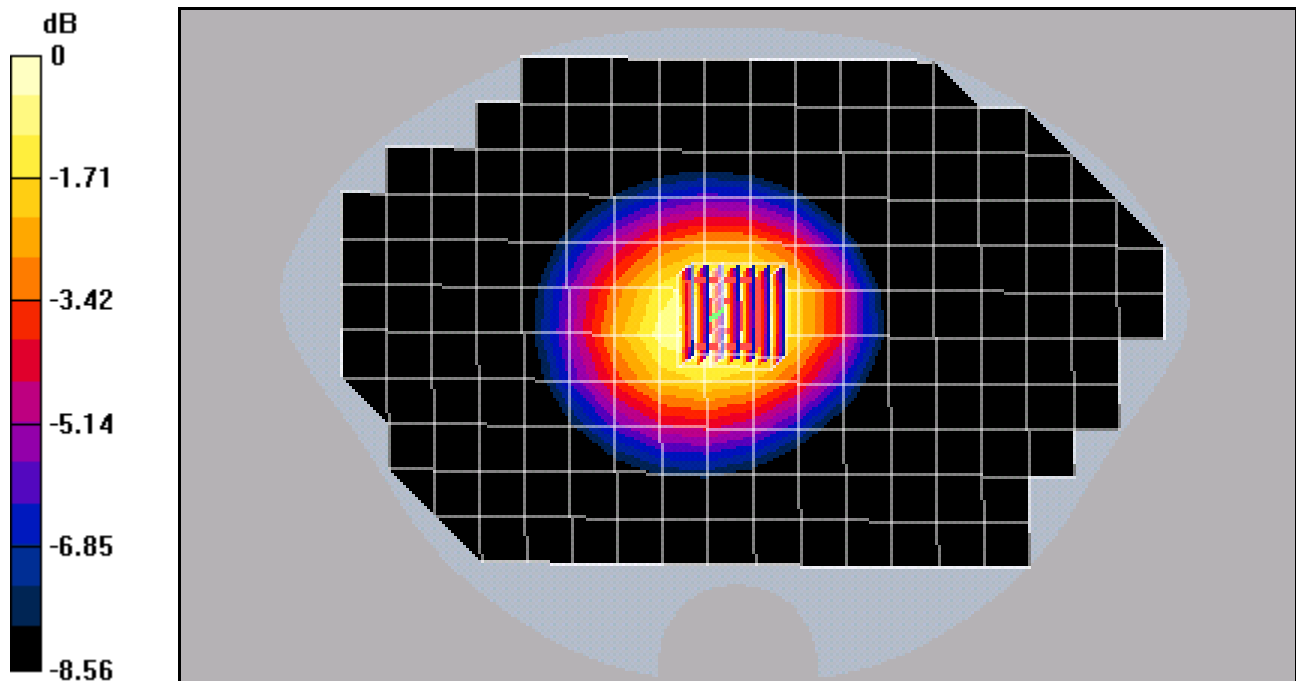
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

Reference Value = 22.9 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.353 mW/g



0 dB = 0.511mW/g

Test Laboratory: Kyocera

### C2PC KX9 #X41Q, ch383 CDMA-800 FLAT with Phone Open & Leather Case

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;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12,Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.17, 6.17, 6.17), Calibrated: 9/2/2004

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

Electronics: DAE4 Sn602,Calibrated: 8/27/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

#### Temperature:

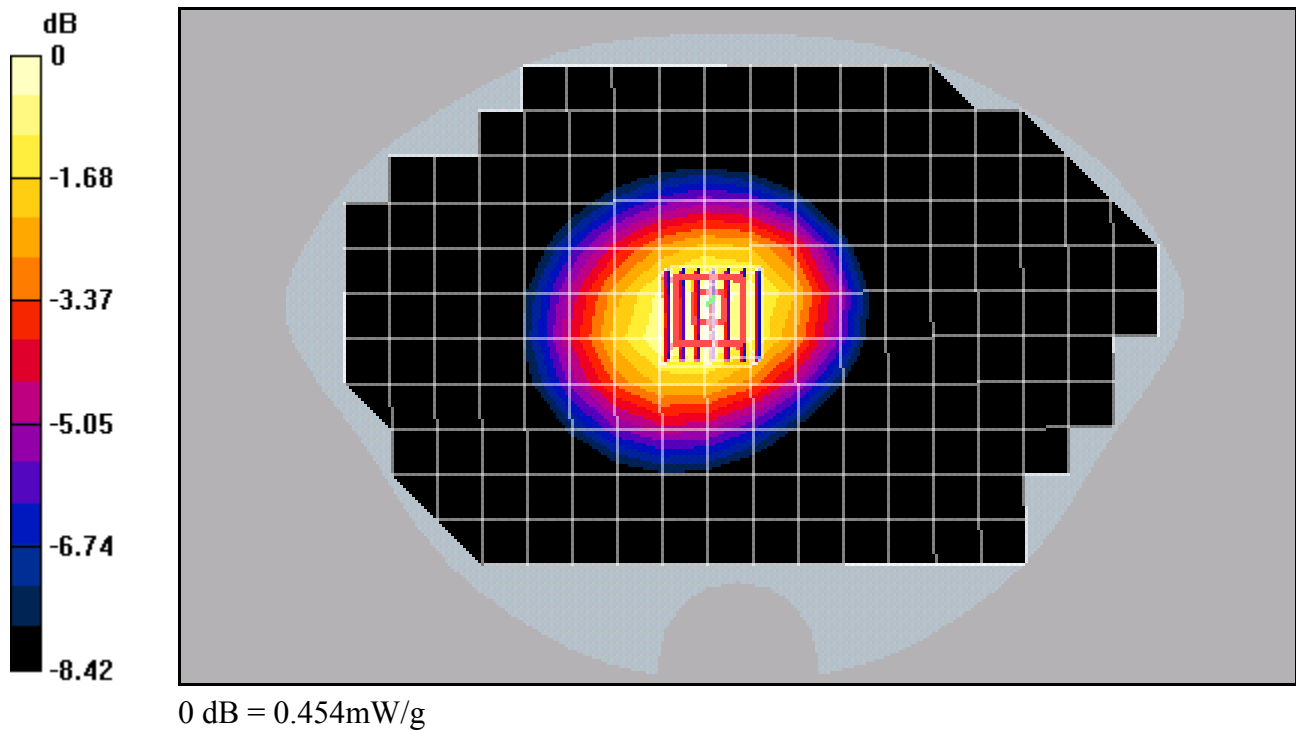
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

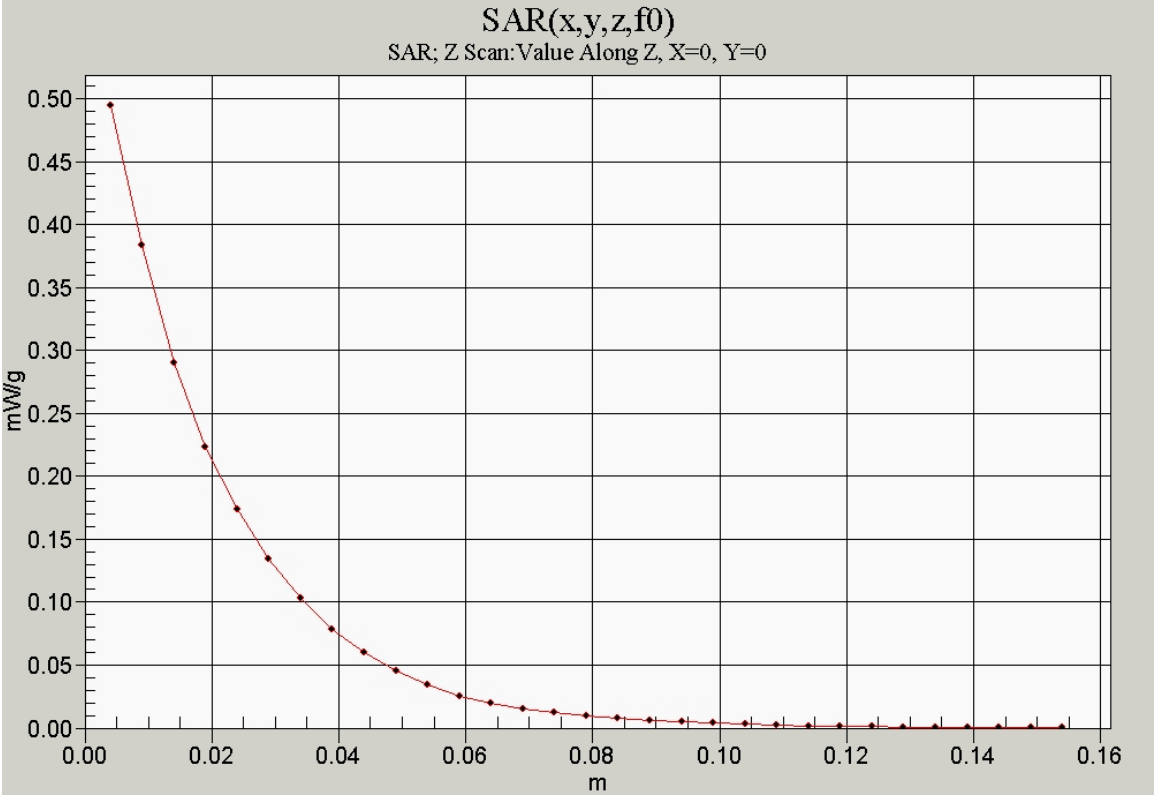
### CDMA-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.312 mW/g





Test Laboratory: Kyocera

### C2PC KX9 #X39D, PCS ch600 FLAT with Phone Closed & Leather Case

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, ConvF(4.72, 4.72, 4.72), Calibrated: 9/2/2004

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

Electronics: DAE4 Sn602, Calibrated: 8/27/2004

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 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.624 W/kg

**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.260 mW/g**

Maximum value of SAR (measured) = 0.438 mW/g

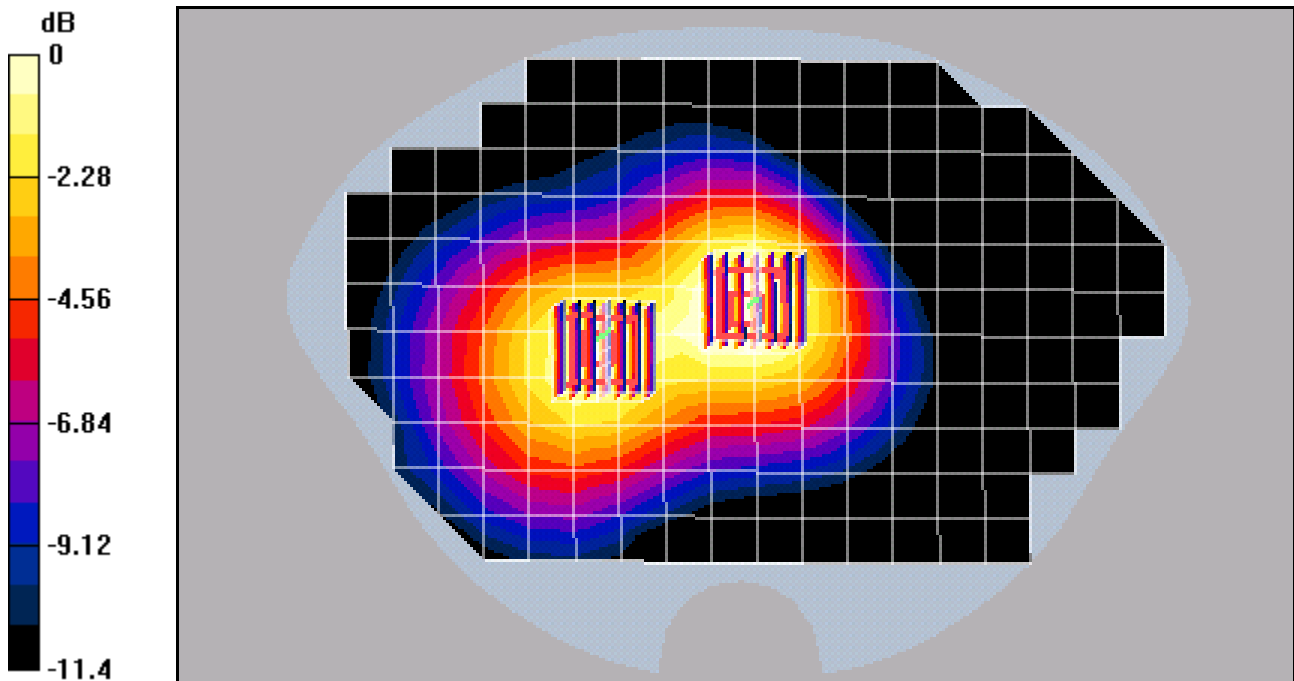
**PCS FLAT Ch600/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.213 mW/g**

Maximum value of SAR (measured) = 0.338 mW/g



0 dB = 0.338mW/g



Test Laboratory: Kyocera

### C2PC KX9 #X39D, PCS ch600 FLAT with Phone Open & Leather Case

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, ConvF(4.72, 4.72, 4.72), Calibrated: 9/2/2004

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

Electronics: DAE4 Sn602, Calibrated: 8/27/2004

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

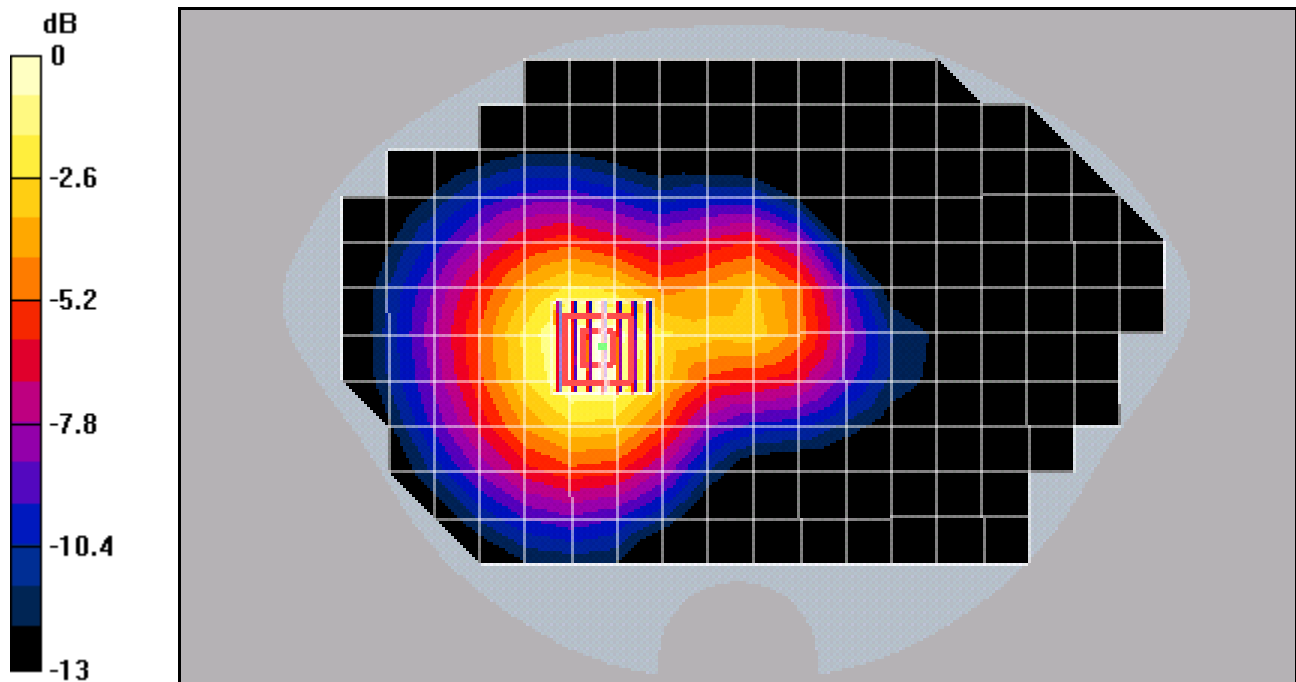
**PCS FLAT Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.756 W/kg

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.545 mW/g



0 dB = 0.545mW/g

