

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/m³

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:

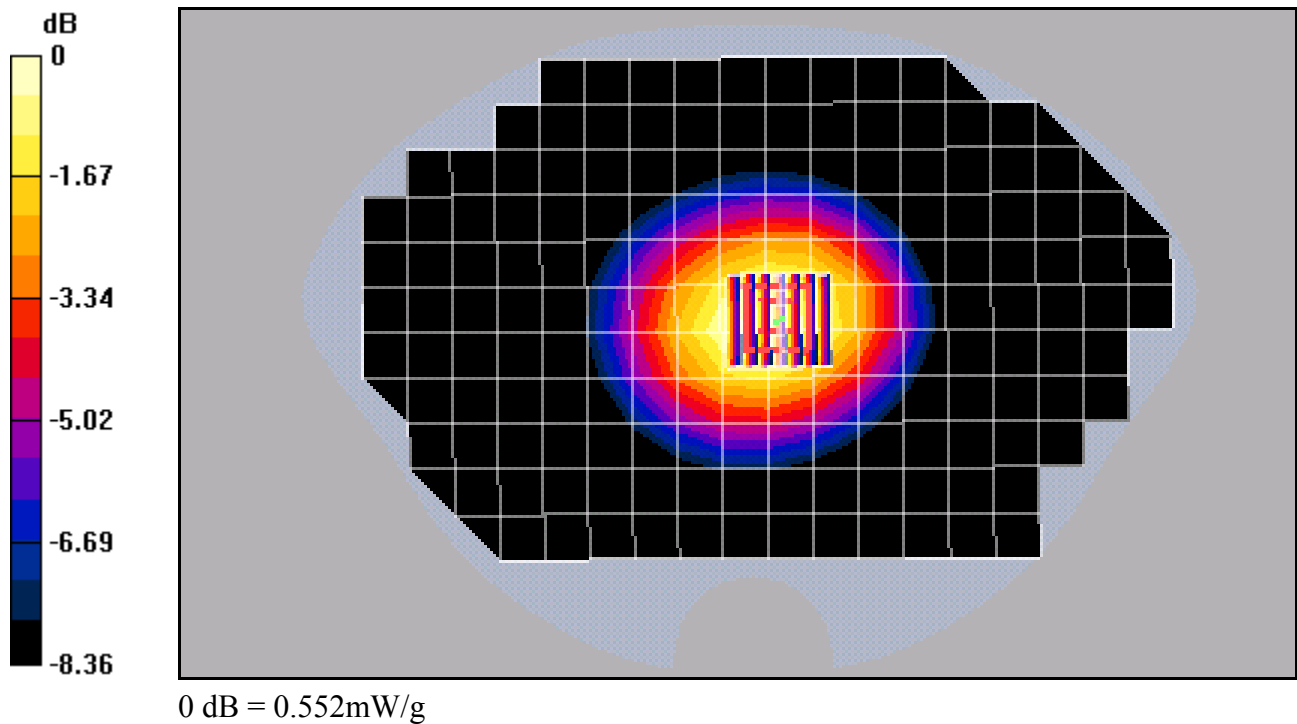
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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/m³**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:

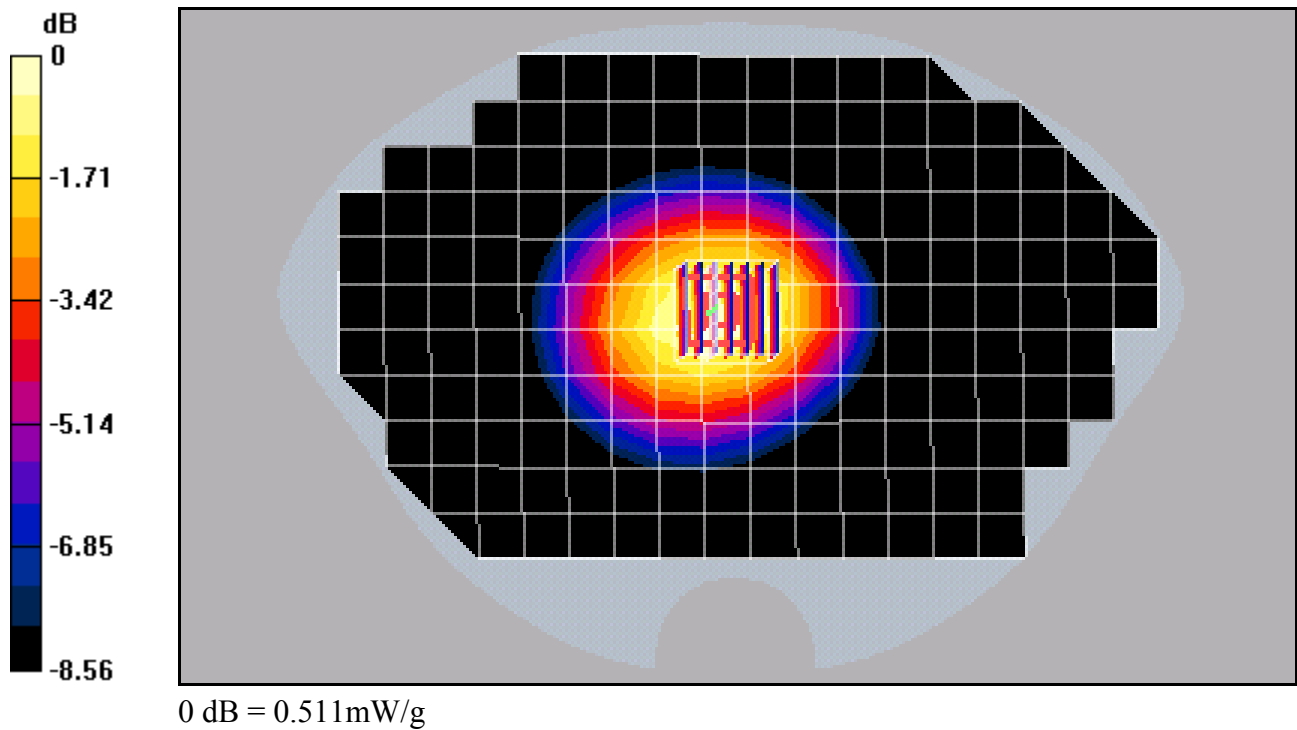
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

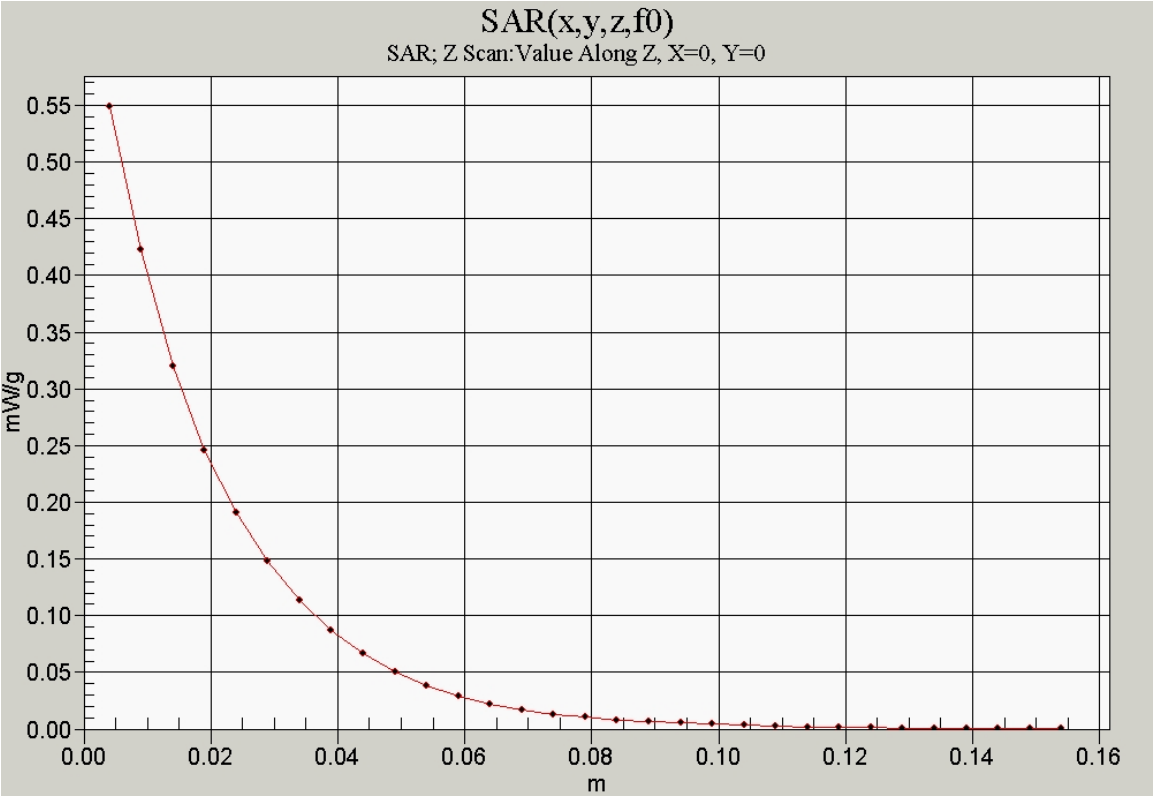
AMPS FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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





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/m³**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:

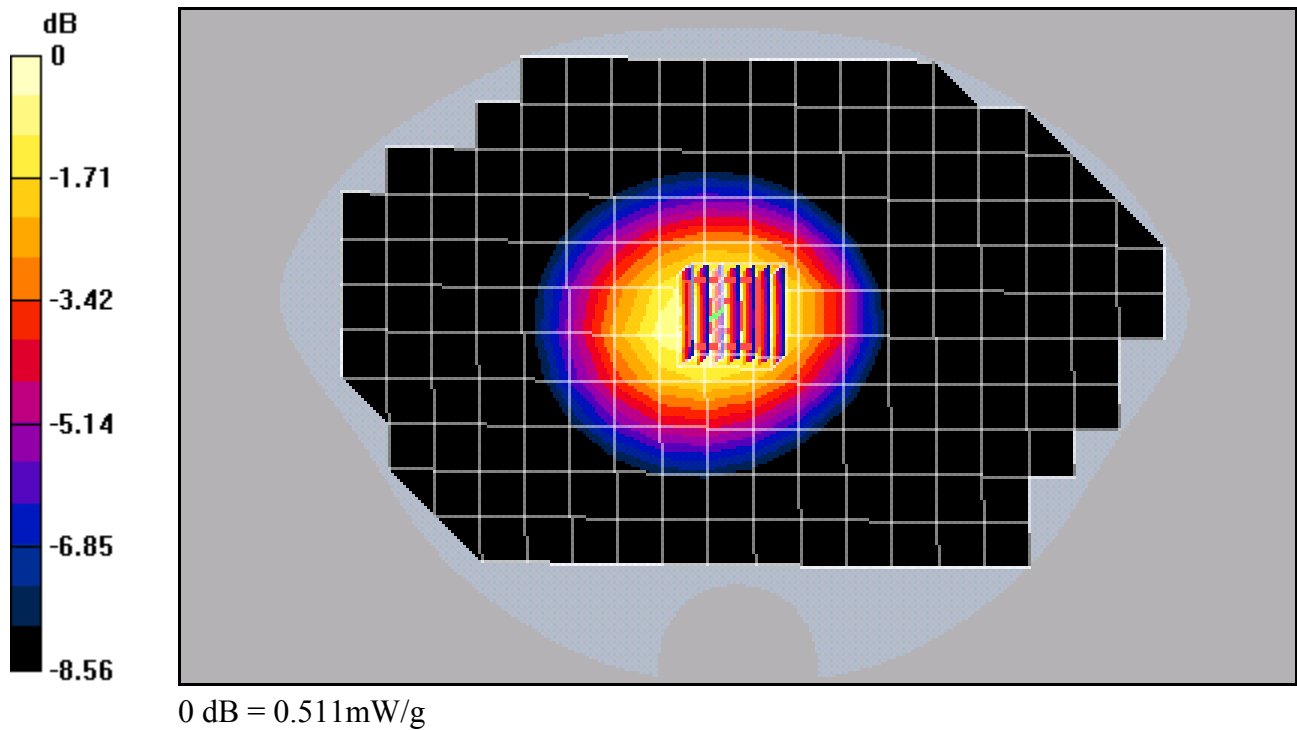
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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



Test Laboratory: Kyocera

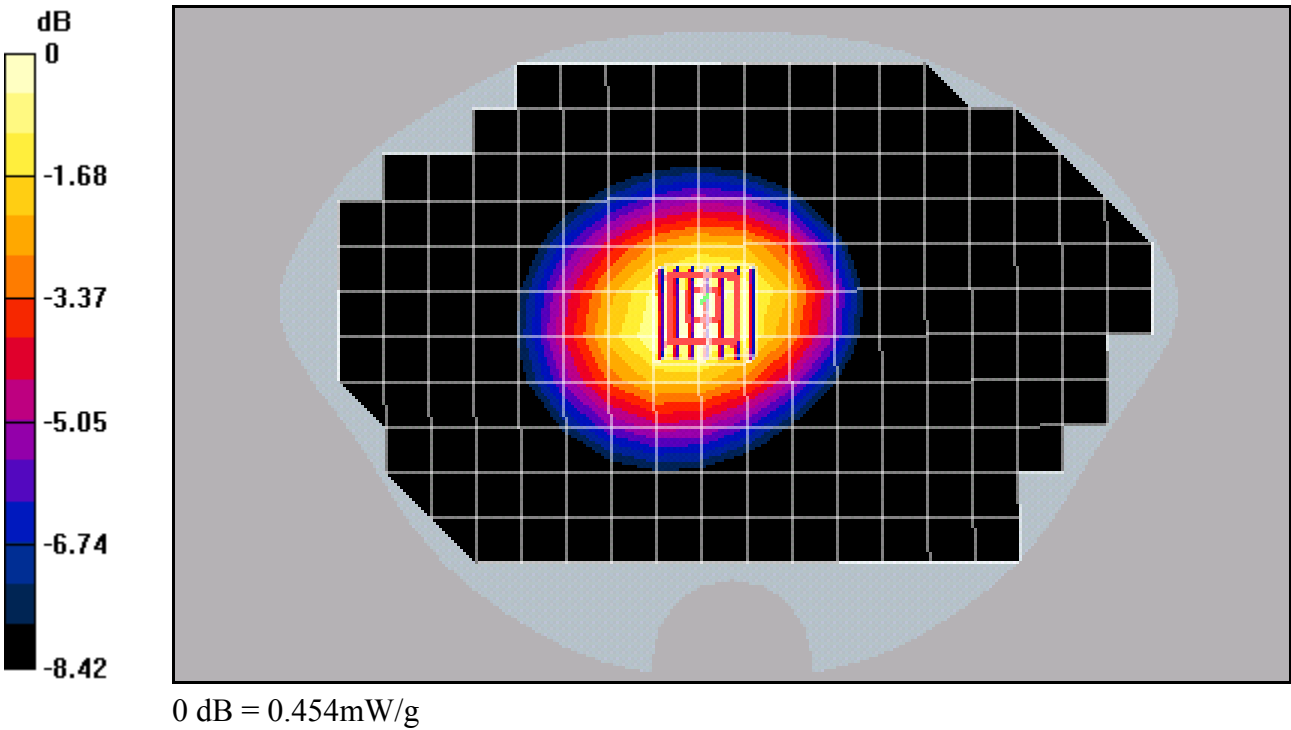
C2PC KX9 #X41Q, ch383 CDMA-800 FLAT with Phone Open & Leather Case

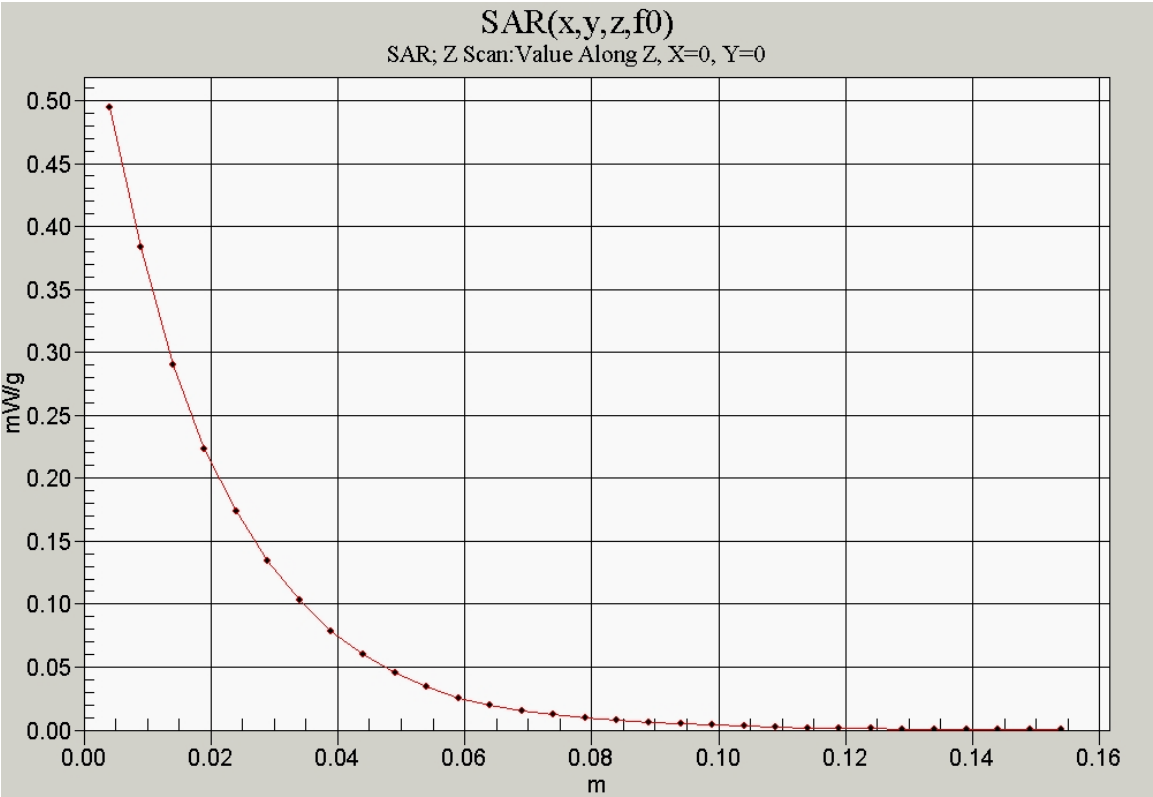
Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: M900,Medium parameters used (interpolated): $f = 836.49 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 55.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom: SAM 12,Phantom section: Flat Section

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: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
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

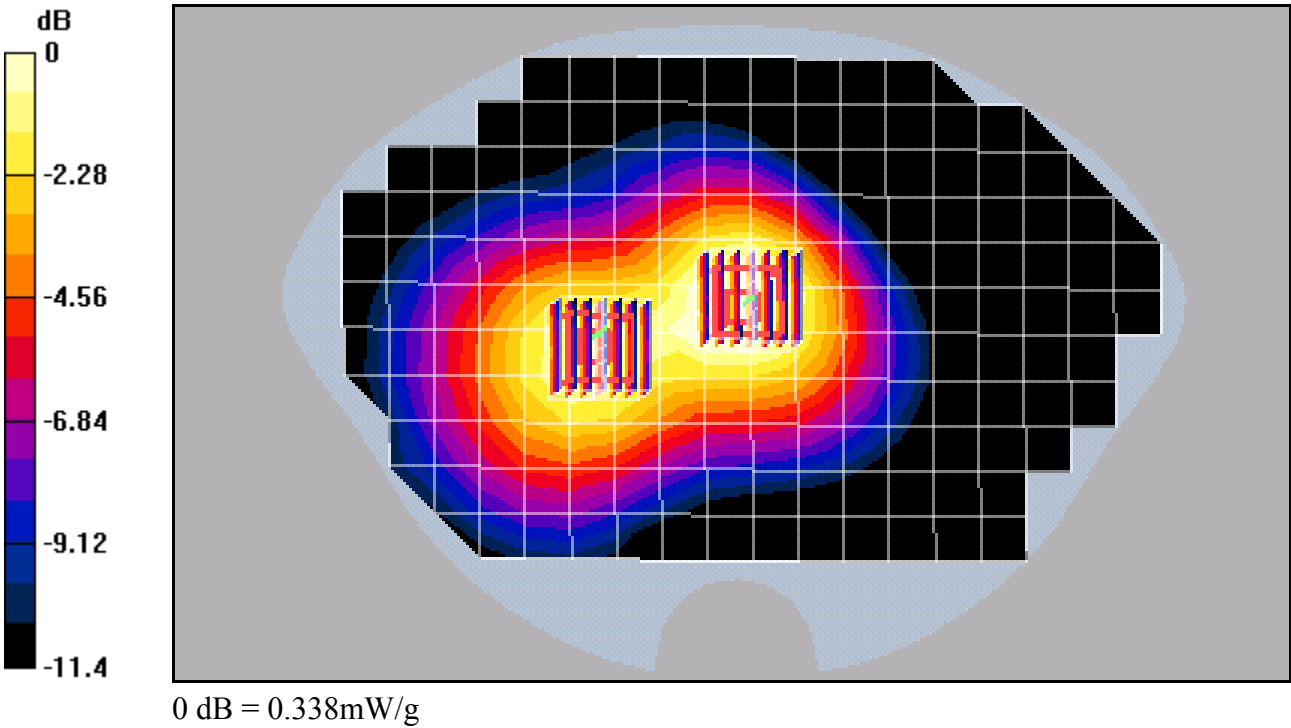
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1800,Medium parameters used: f = 1880 MHz; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 55$; $\rho = 1000 \text{ kg/m}^3$
Phantom: SAM 12,Phantom section: Flat Section

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



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/m³**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

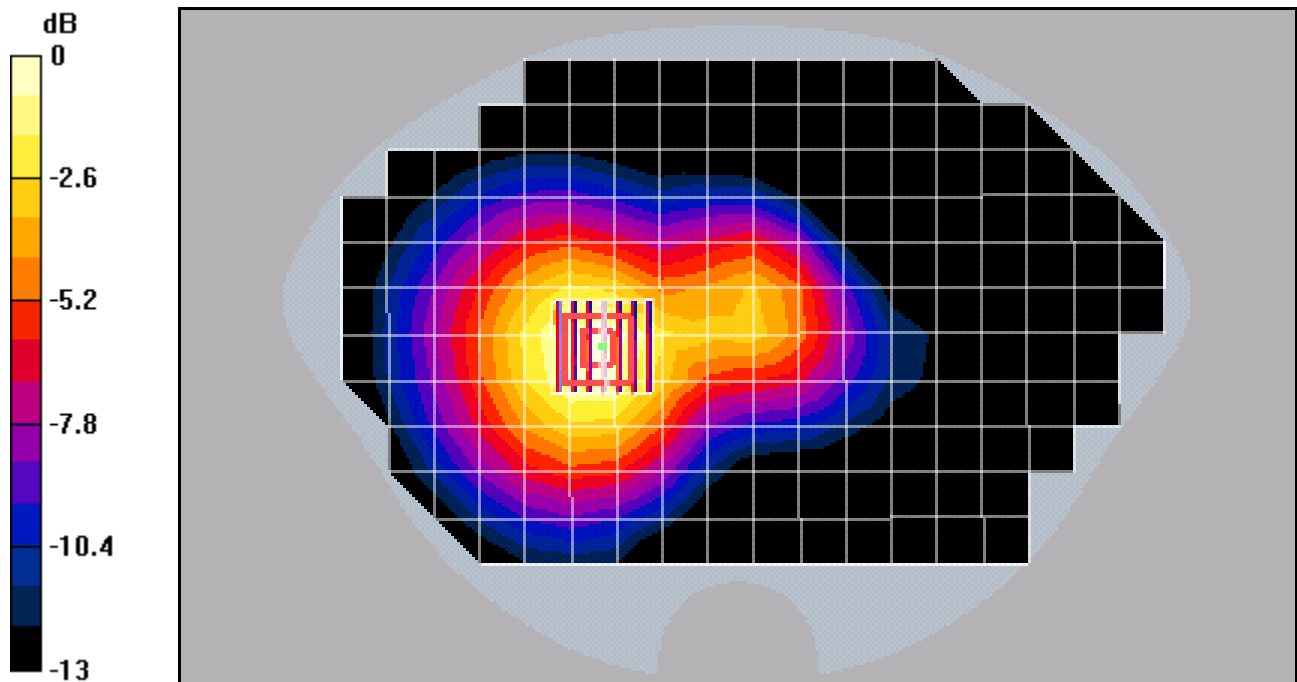
PCS FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

