

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): $f = 836.49$ MHz, $\sigma = 0.92$ mho/m, $\epsilon_r = 56.5$, $\rho = 1000$ kg/m³

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

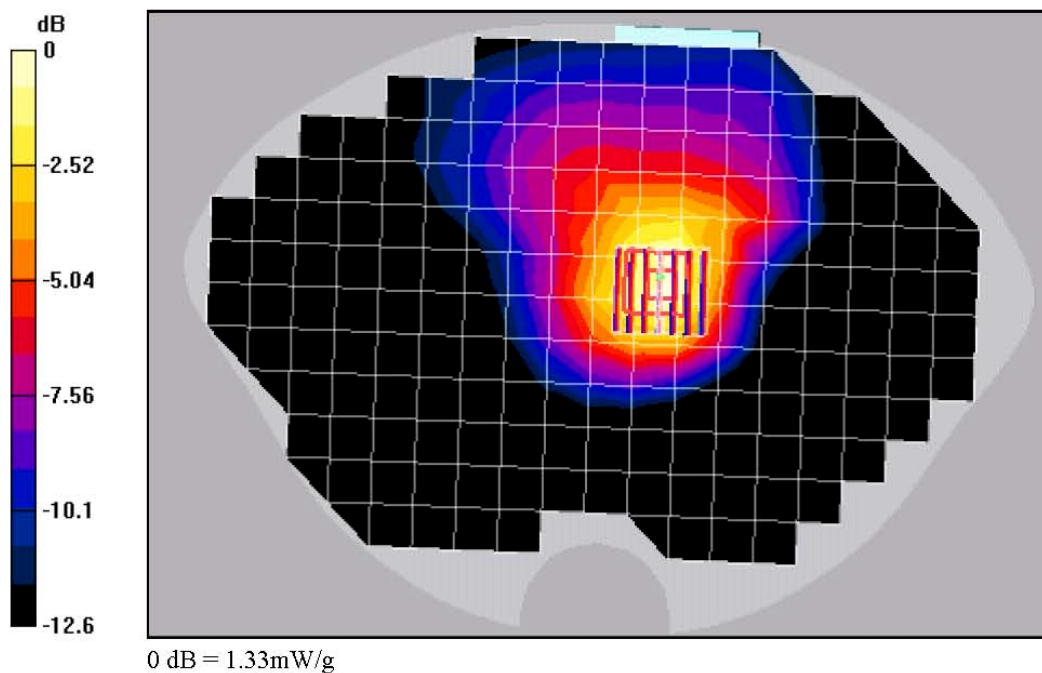
Reference Value = 26.2 V/m, Power Drift = 0.0 dB

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



Date/Time: 11/17/04 15:50:21

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/m³

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

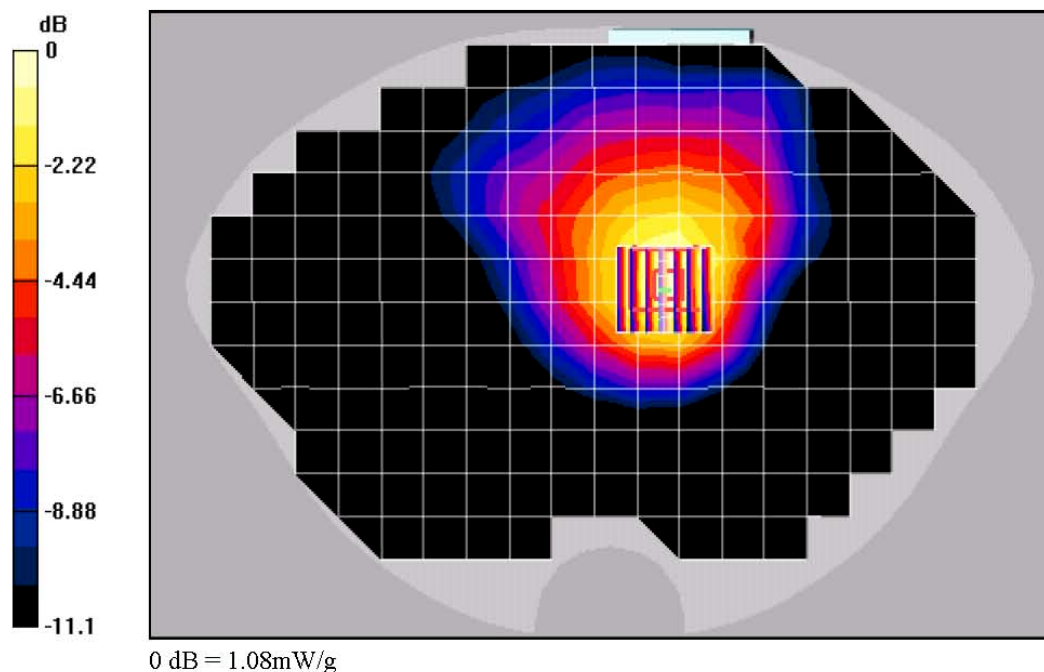
Reference Value = 23.1 V/m; Power Drift = -0.0 dB

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



Date/Time: 11/17/04 09:51:17

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/m³

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

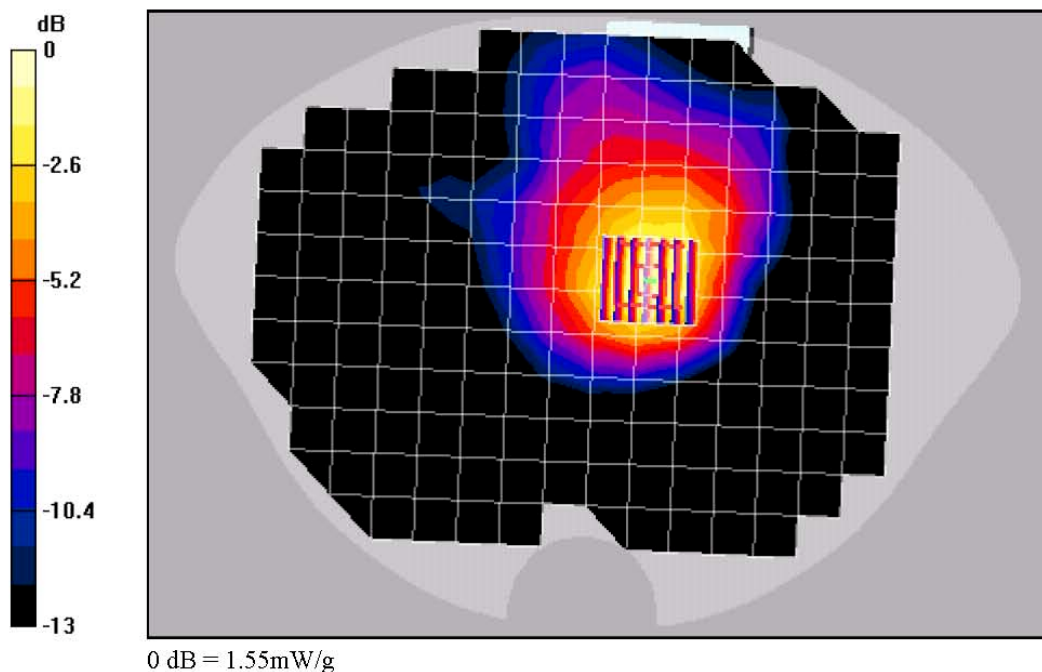
Reference Value = 27.5 V/m; Power Drift = -0.1 dB

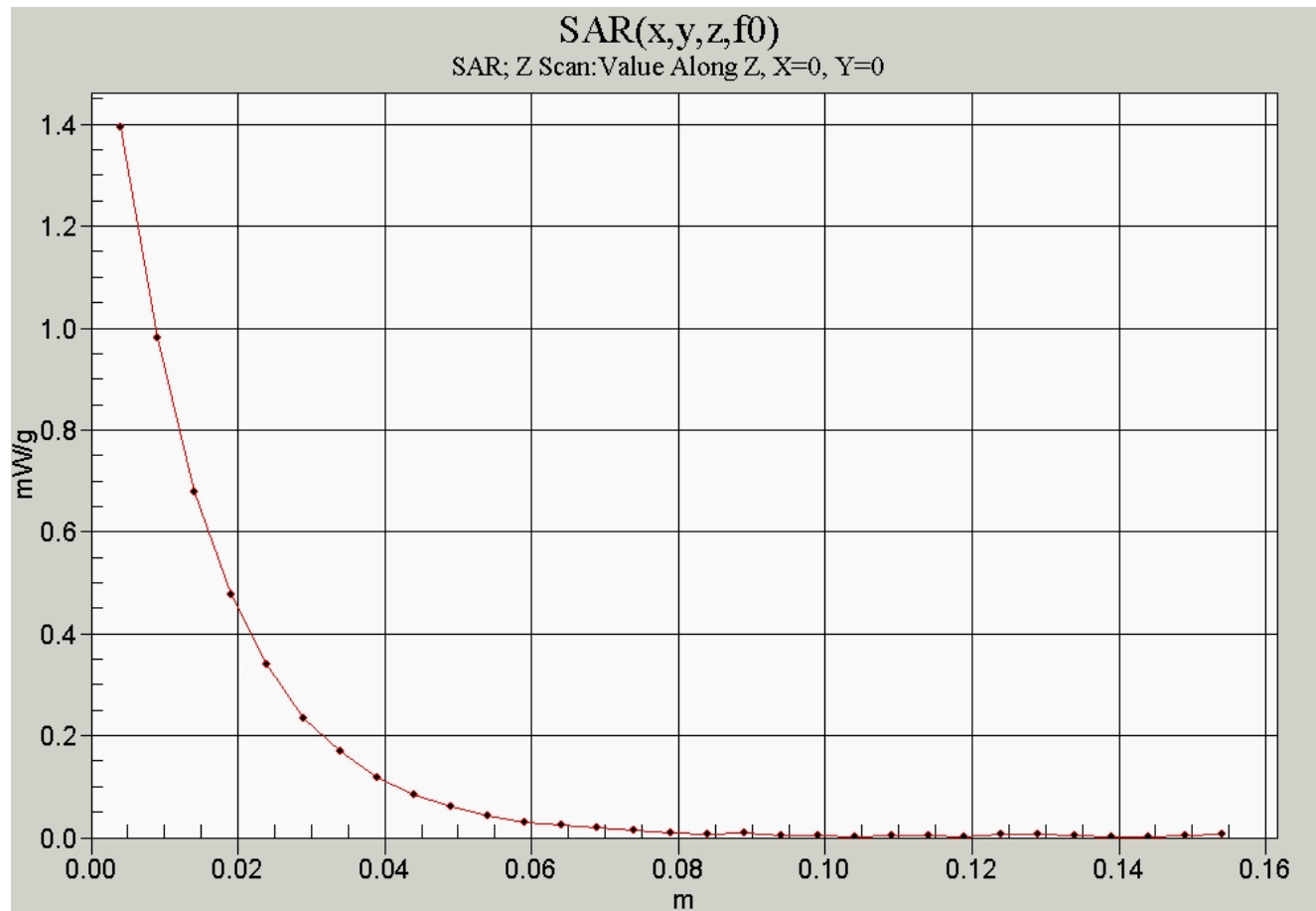
Peak SAR (extrapolated) = 2.1 W/kg

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





Date/Time: 11/18/04 09:39:12

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/m³

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

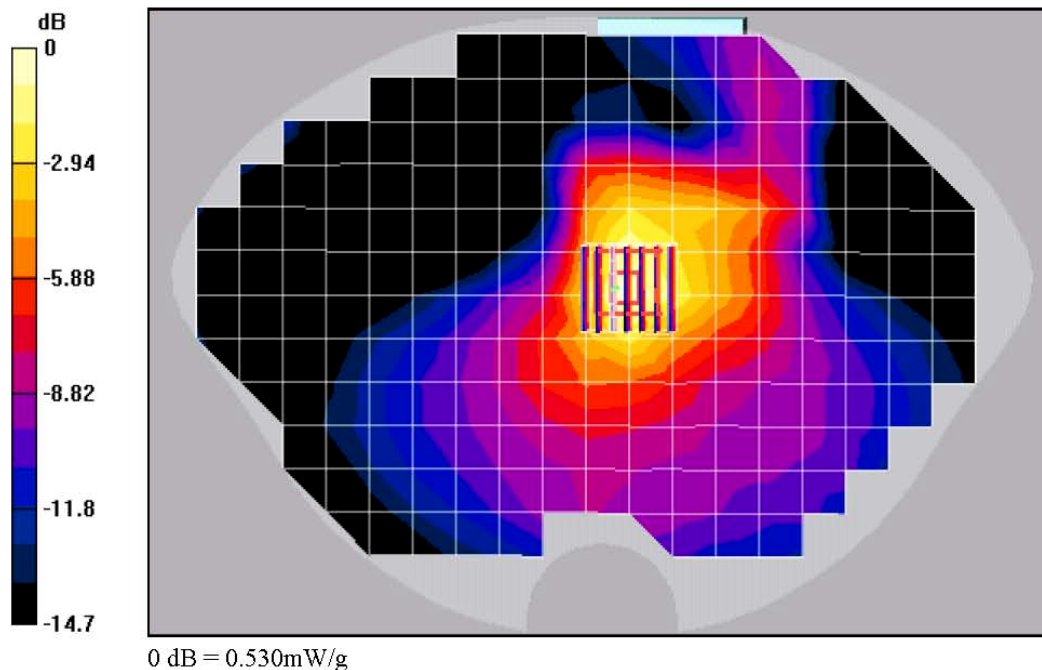
Reference Value = 15.3 V/m, Power Drift = -0.1 dB

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



Date/Time: 11/18/04 13:02:51

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/m³

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

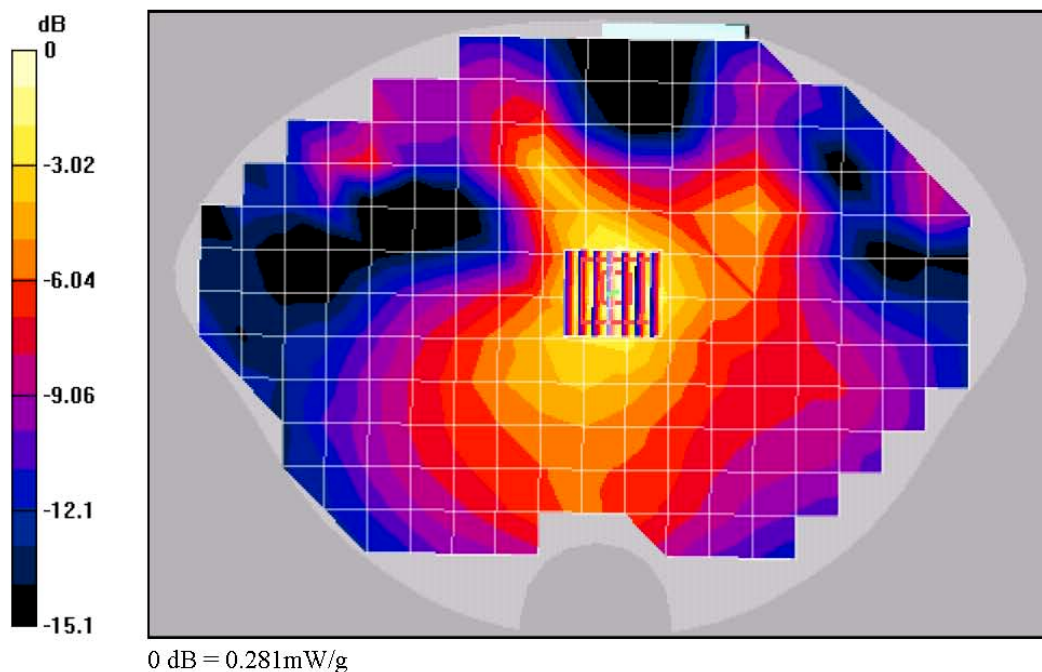
Reference Value = 11.7 V/m, Power Drift = 0.1 dB

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



Date/Time: 11/18/04 07:04:41

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/m³

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

