

Appendix B-2:

SAR Distribution Plots (Body)

Date/Time: 04/19/05 18:46:30

Test Laboratory: Kyocera Wireless

KX9A #X39D Amps ch383 Flat Phone Closed with 22.5mm Air Space

Communication System: AMPS, Frequency: 836.41 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.41 \text{ MHz}$, $\sigma = 0.925 \text{ mho/m}$, $\epsilon_r = 55.8$, $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

Room T = $21.8 \pm 1 \text{ deg C}$, Liquid T = $22.0 \pm 1 \text{ deg C}$

AMPS ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

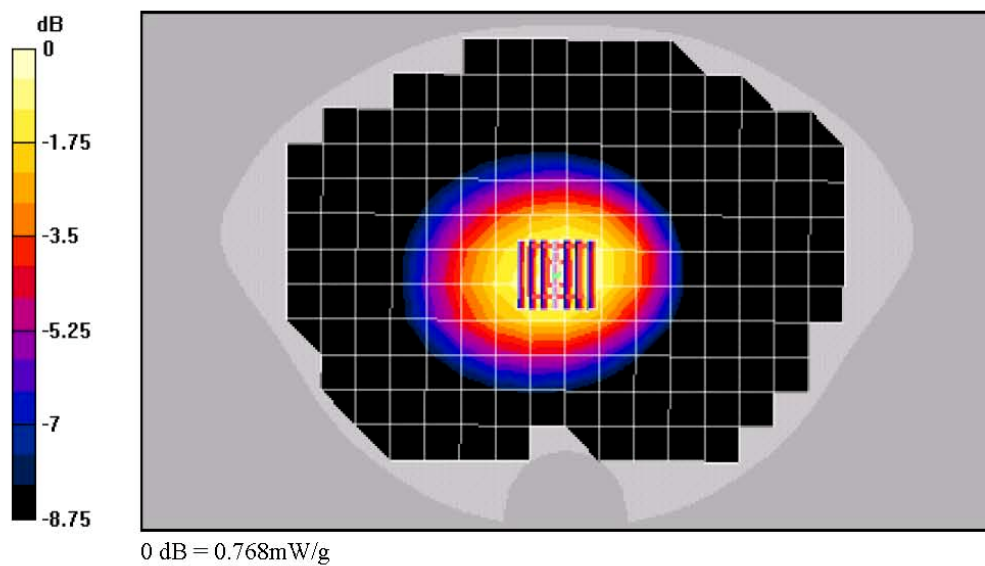
Reference Value = 30.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.525 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.768 mW/g



Date/Time: 04/19/05 21:59:30

Test Laboratory: Kyocera Wireless

KX9C #X41Q AMPS ch383 Flat Phone Closed with Plastic Holster

Communication System: AMPS, Frequency: 836.41 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.41$ MHz, $\sigma = 0.925$ mho/m, $\epsilon_r = 55.8$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

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 ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

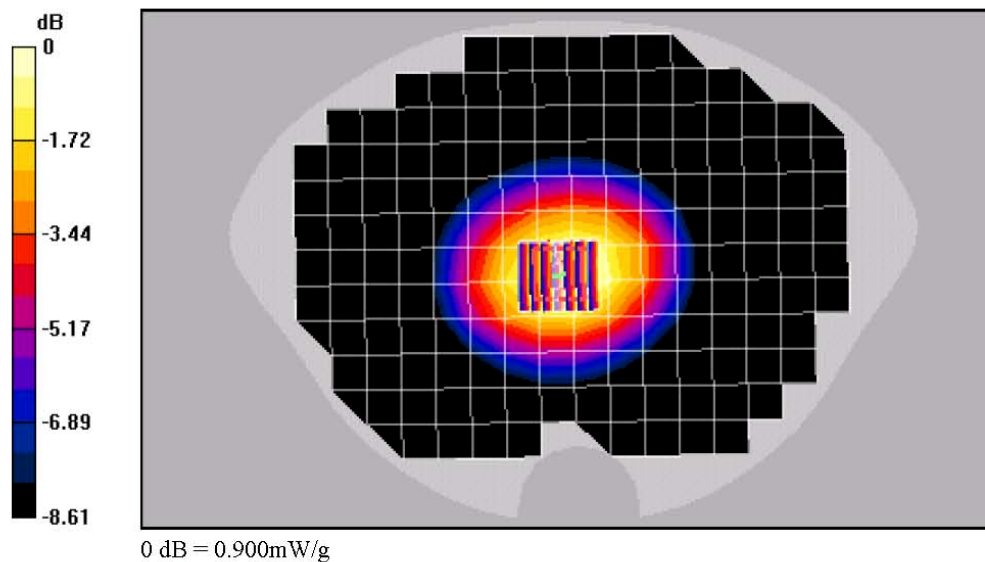
Reference Value = 32.6 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.1 W/kg

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.612 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.900 mW/g



Date/Time: 04/20/05 04:23:34

Test Laboratory: Kyocera Wireless

KX9A #X39D Amps ch383 Flat Phone Open with Plastic Holster

Communication System: AMPS, Frequency: 836.41 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.41$ MHz, $\sigma = 0.921$ mho/m, $\epsilon_r = 55.5$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

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 ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

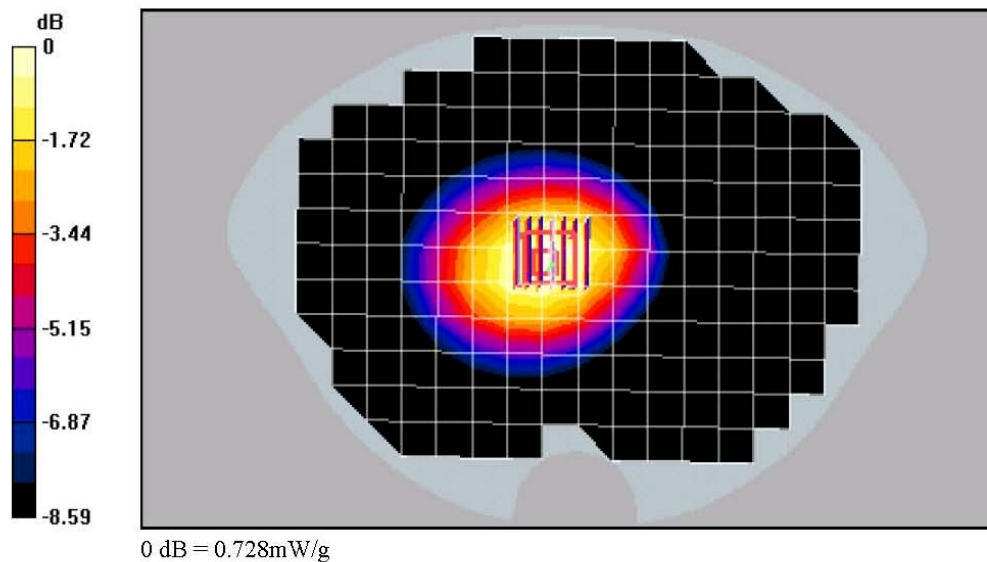
Reference Value = 26.1 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.504 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.728 mW/g



Date/Time: 04/20/05 03:38:48

Test Laboratory: Kyocera Wireless

KX9C #X41Q Amps ch383 Flat Phone Open with 22.5mm Air Space

Communication System: AMPS, Frequency: 836.41 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.41$ MHz, $\sigma = 0.921$ mho/m, $\epsilon_r = 55.5$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

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 ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

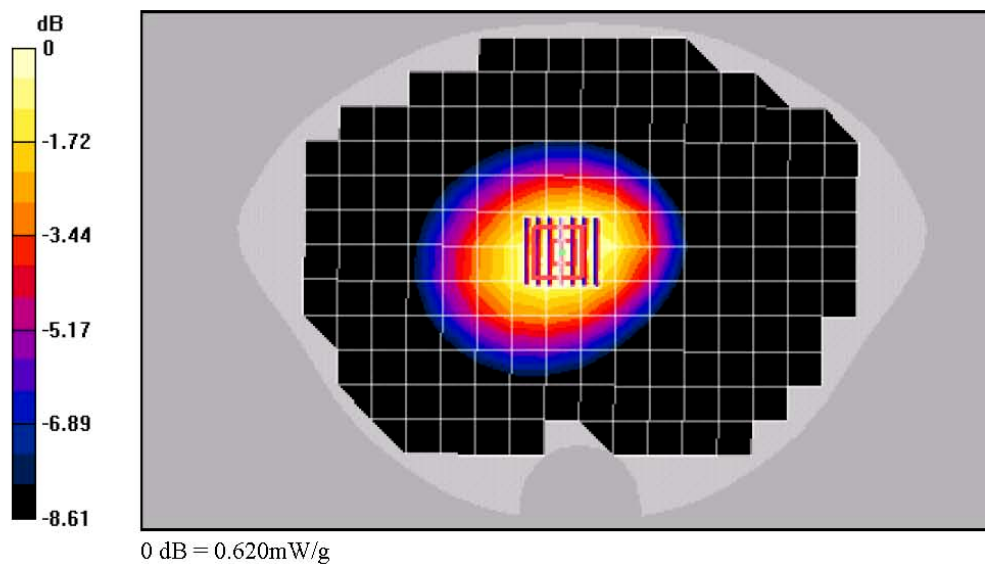
Reference Value = 26 W/m; Power Drift = 0.0 dB

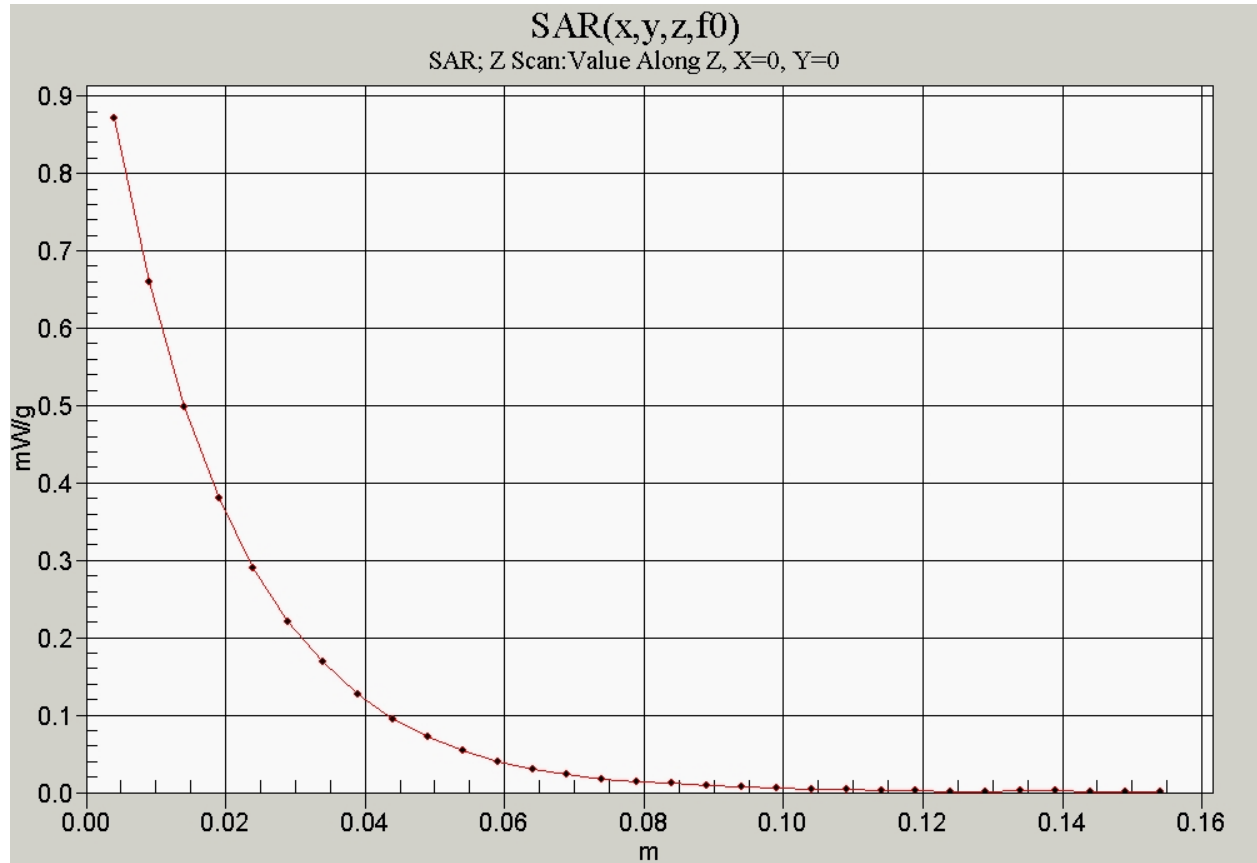
Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.428 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.620 mW/g





Date/Time: 04/19/05 17:33:59

Test Laboratory: Kyocera Wireless

KX9C #X41Q CDMA-800 ch383 Flat Phone Closed, 22.5mm Air Space & Ext Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz, $\sigma = 0.925$ mho/m, $\epsilon_r = 55.8$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

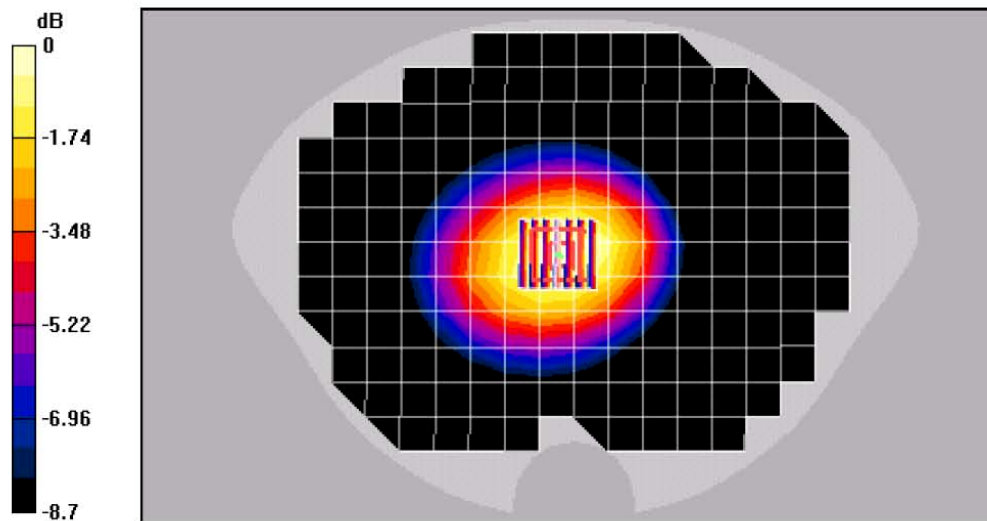
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.2 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.420 mW/g



0 dB = 0.612mW/g

Date/Time: 04/19/05 16:18:55

Test Laboratory: Kyocera Wireless

KX9C #X41Q CDMA-800 ch383 Flat Phone Closed with Plastic Holster

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

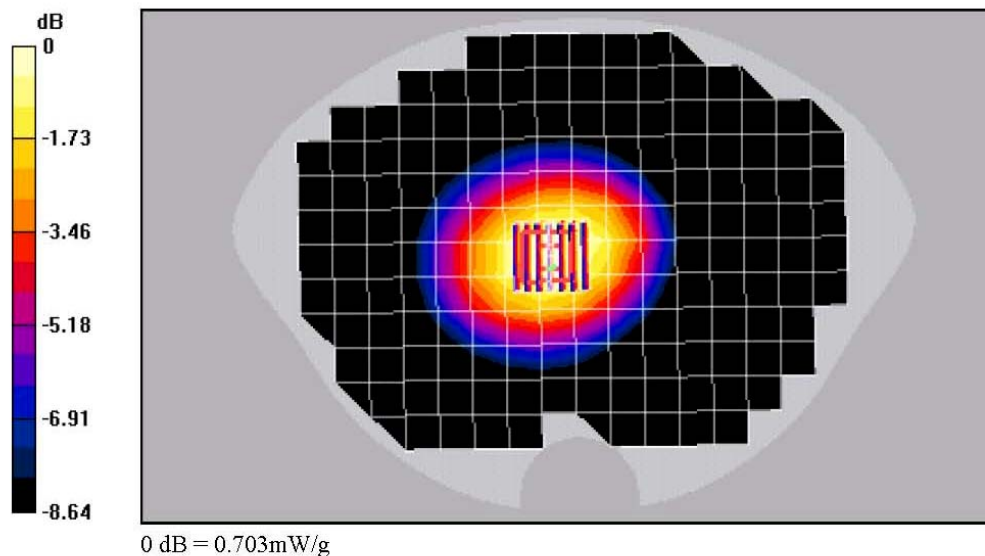
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.4 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.486 mW/g



Date/Time: 04/20/05 08:32:24

Test Laboratory: Kyocera Wireless

KX9C #X41Q CDMA-800 ch383 Flat Phone Open with 22.5mm Air Space

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

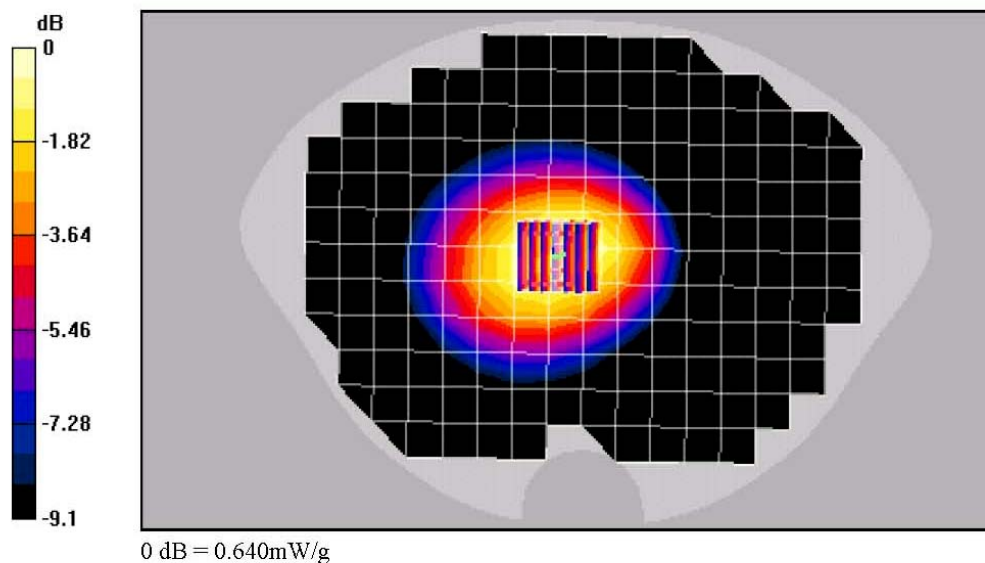
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.439 mW/g



Date/Time: 04/20/05 09:32:22

Test Laboratory: Kyocera Wireless

KX9C #X41Q CDMA-800 ch383 Flat Phone Open with Plastic Holster

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(6.1, 6.1, 6.1), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature

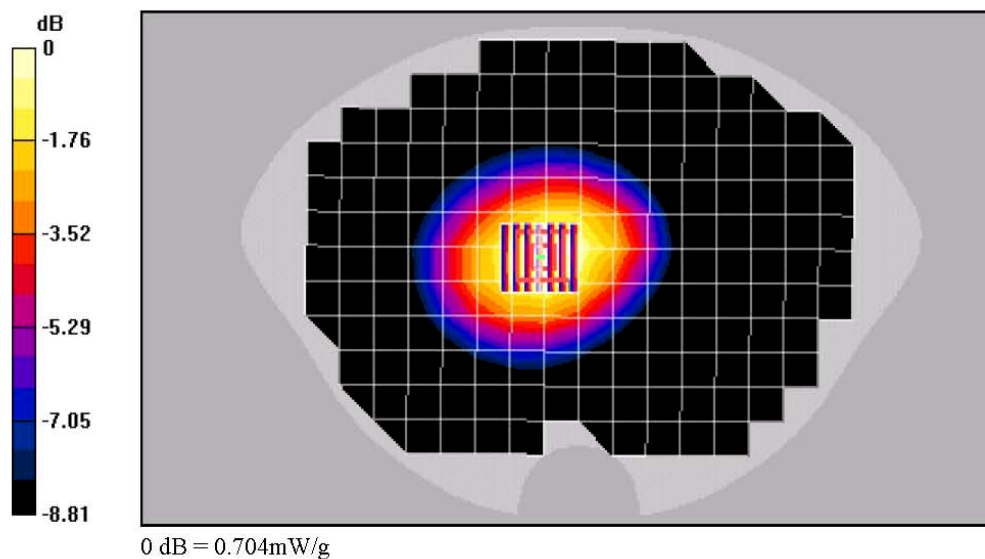
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

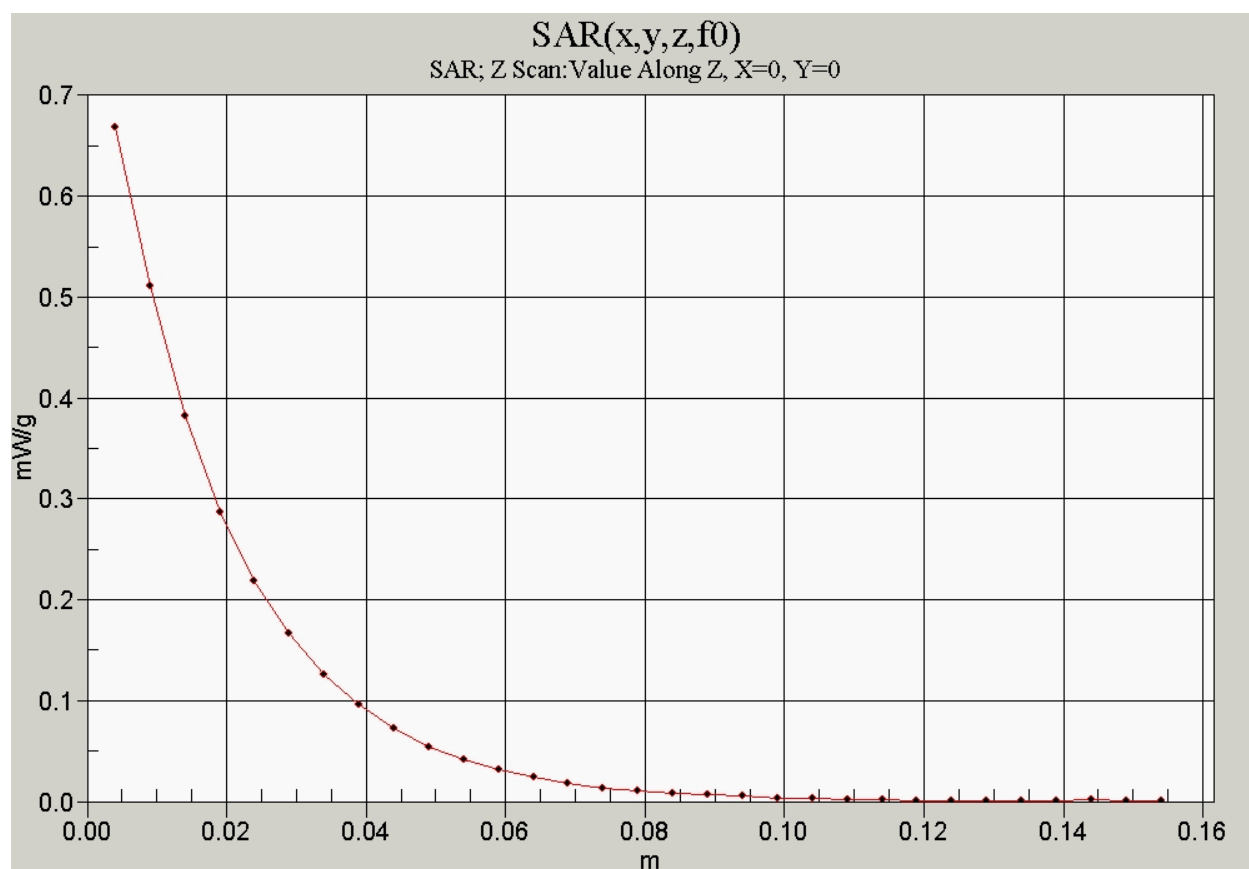
CDMA-800 ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26 W/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.476 mW/g





Date/Time: 04/20/05 18:58:34

Test Laboratory: Kyocera Wireless

KX9C #X41Q CDMA-1900 ch600 Flat Phone Closed with 22.5mm Air Space

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.44$ mho/m, $\epsilon_r = 52.7$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(4.6, 4.6, 4.6), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

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

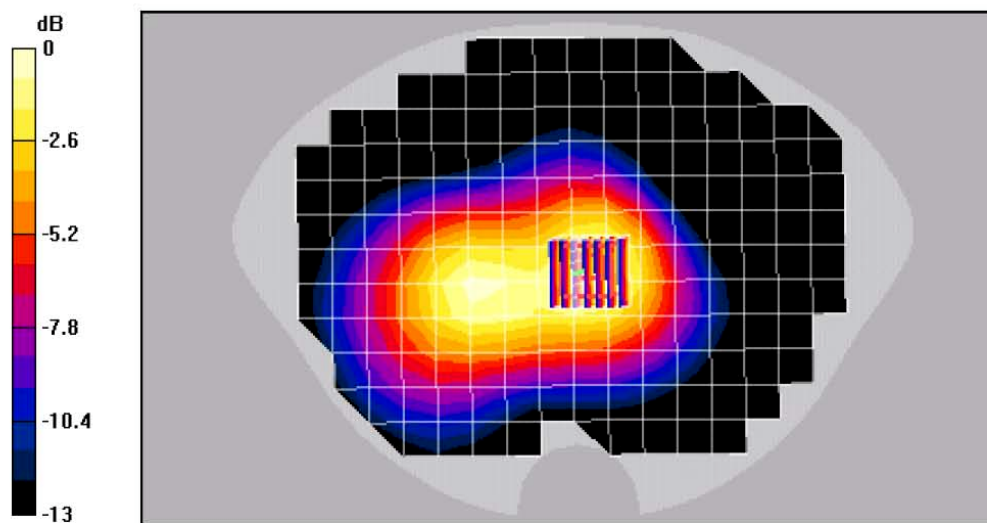
PCS ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.390 mW/g



0 dB = 0.390mW/g

Date/Time: 04/20/05 23:27:40

Test Laboratory: Kyocera Wireless

KX9C #X41Q CDMA-1900 ch600 Flat Phone Closed with Plastic Holster

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.44$ mho/m, $\epsilon_r = 52.7$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(4.6, 4.6, 4.6), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

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

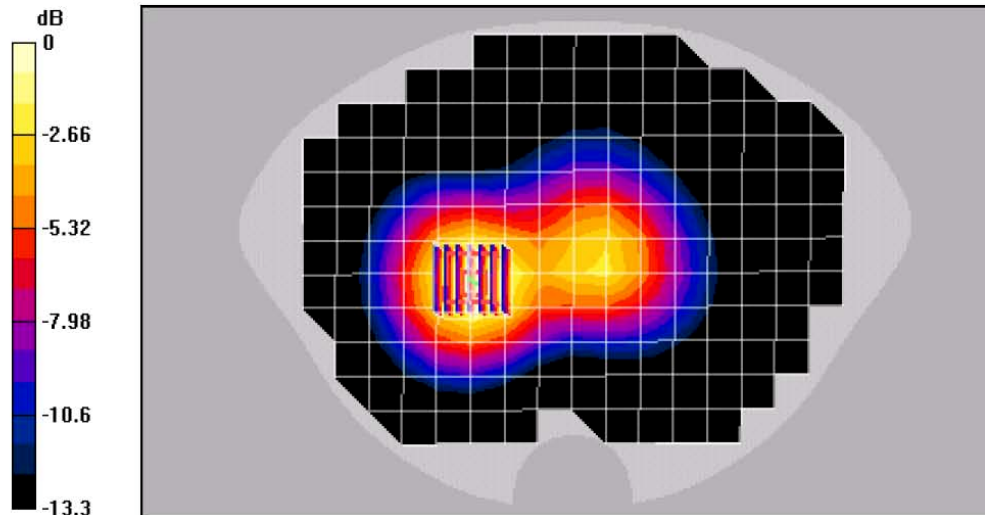
PCS ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.644 mW/g



0 dB = 0.644mW/g

Date/Time: 04/21/05 06:41:53

Test Laboratory: Kyocera Wireless

KX9A #X39D CDMA-1900 ch600 Flat Phone Open, 22.5mm Air Space & Ext battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.44$ mho/m, $\epsilon_r = 53.3$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(4.6, 4.6, 4.6), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

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

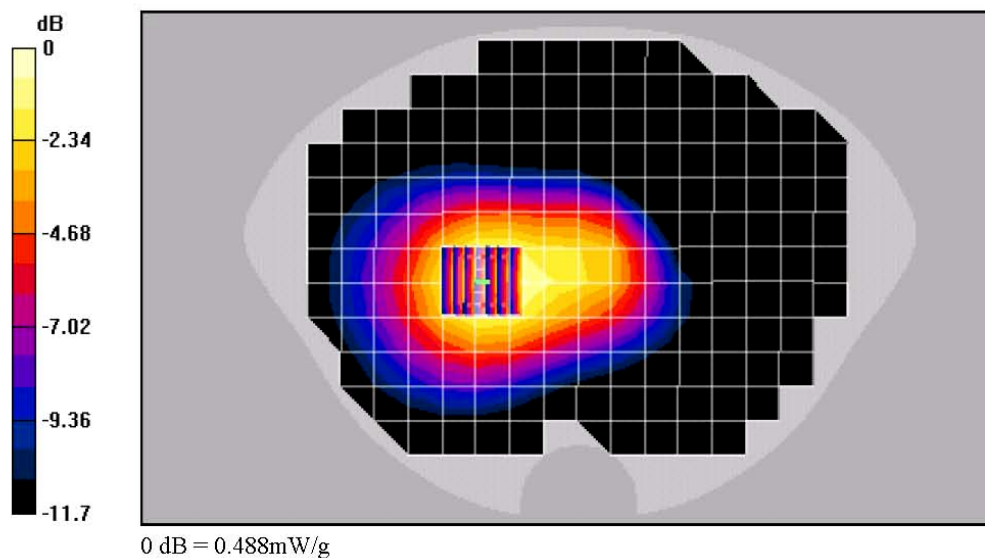
PCS ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16 V/m, Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.458 mW/g, SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.488 mW/g



Date/Time: 04/21/05 04:09:06

Test Laboratory: Kyocera Wireless

KX9A #X39D CDMA-1900 ch600 Flat Phone Open with Plastic Holster

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.44$ mho/m, $\epsilon_r = 53.3$, $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1712, ConvF(4.6, 4.6, 4.6), Calibrated: 9/29/2004

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

Electronics: DAE3 Sn493, Calibrated: 11/24/2004

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

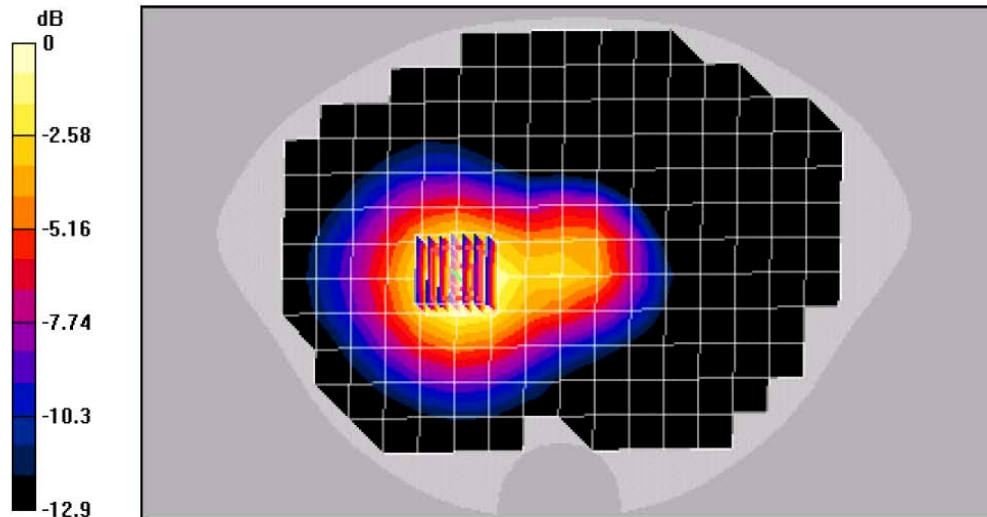
PCS ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.625 mW/g



0 dB = 0.625mW/g

