

Appendix B2:
SAR Distribution Plots (Body)

Date/Time: 4/22/2006 3:04:52 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 AMPS ch799 Flat Phone Open with 15mm Air Space and 900mAh Battery

Communication System: CDMA-800/AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

AMPS FLAT Ch799/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

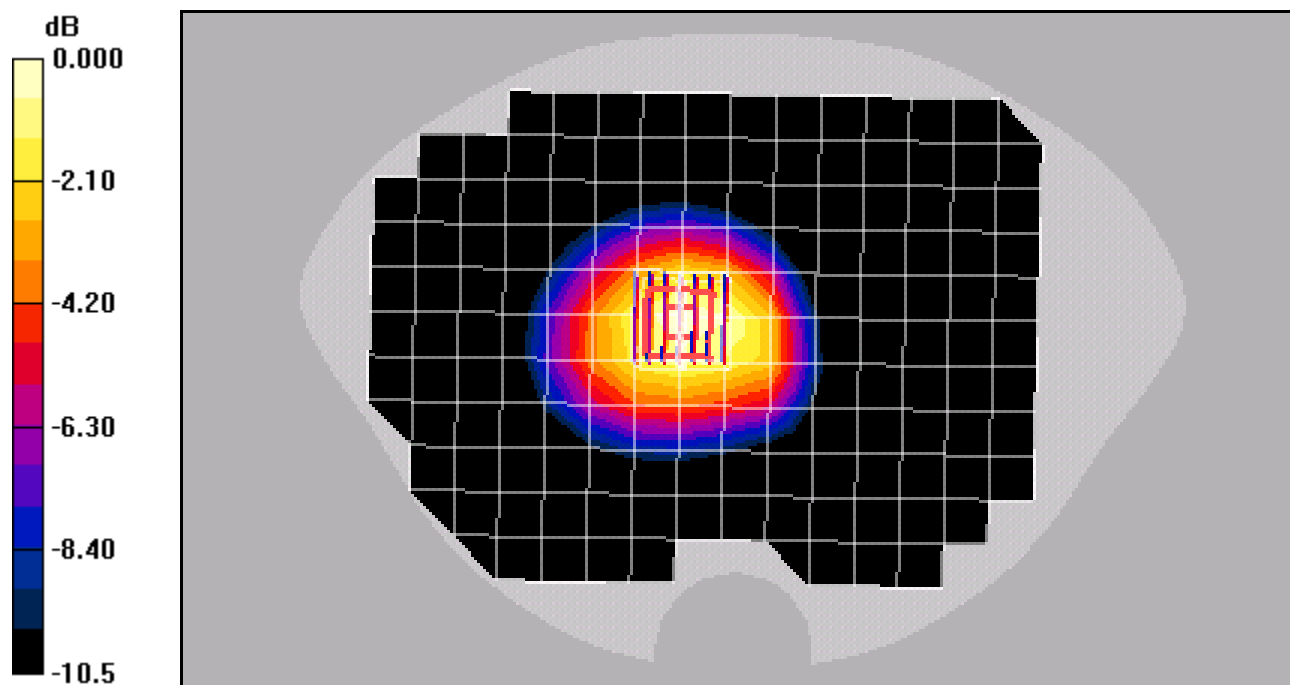
Reference Value = 34.5 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.879 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

Date/Time: 4/21/2006 7:59:16 PM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 AMPS ch799 Flat Phone Closed with 15mm Air Space and 1000mAh Battery

Communication System: CDMA-800/AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

AMPS FLAT Ch799/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

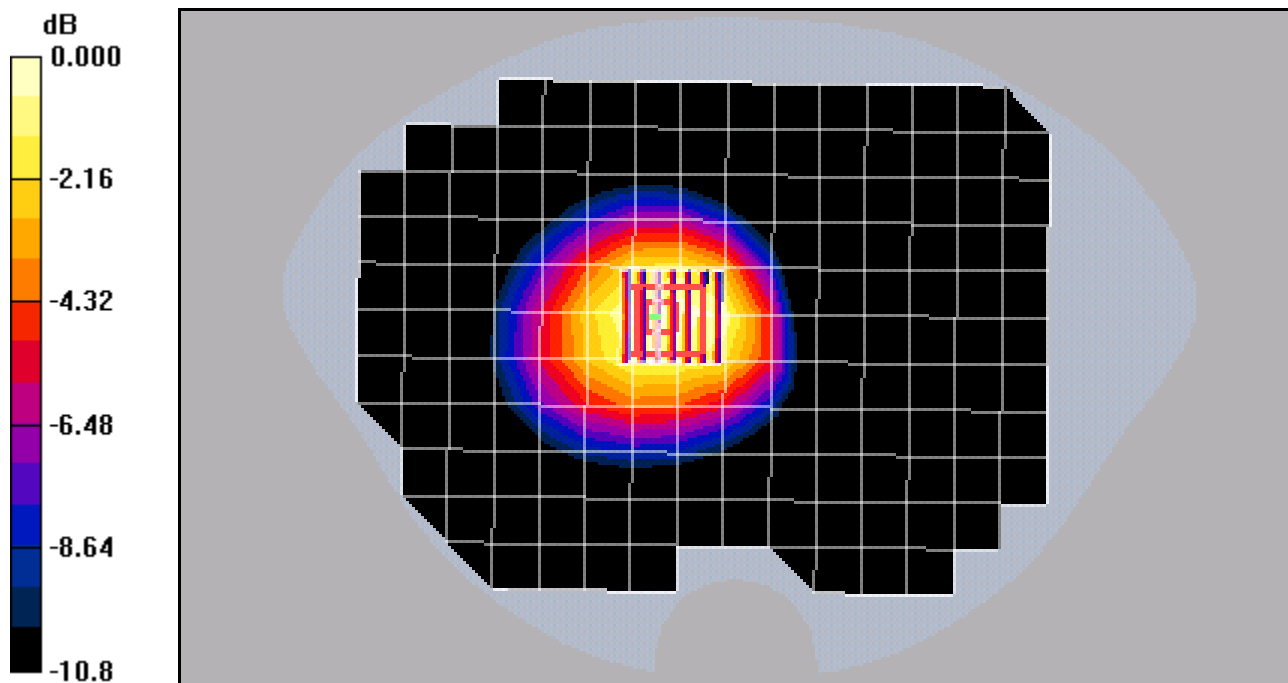
Reference Value = 31.3 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.825 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27mW/g

Date/Time: 4/24/2006 7:43:24 AM

Test Laboratory: Kyocera

K323 #2644 AMPS ch991 Flat Phone Open with Holster and Extended Battery

Communication System: CDMA-800/AMPS, Frequency: 824.04 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 824.04$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

AMPS FLAT Ch991/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

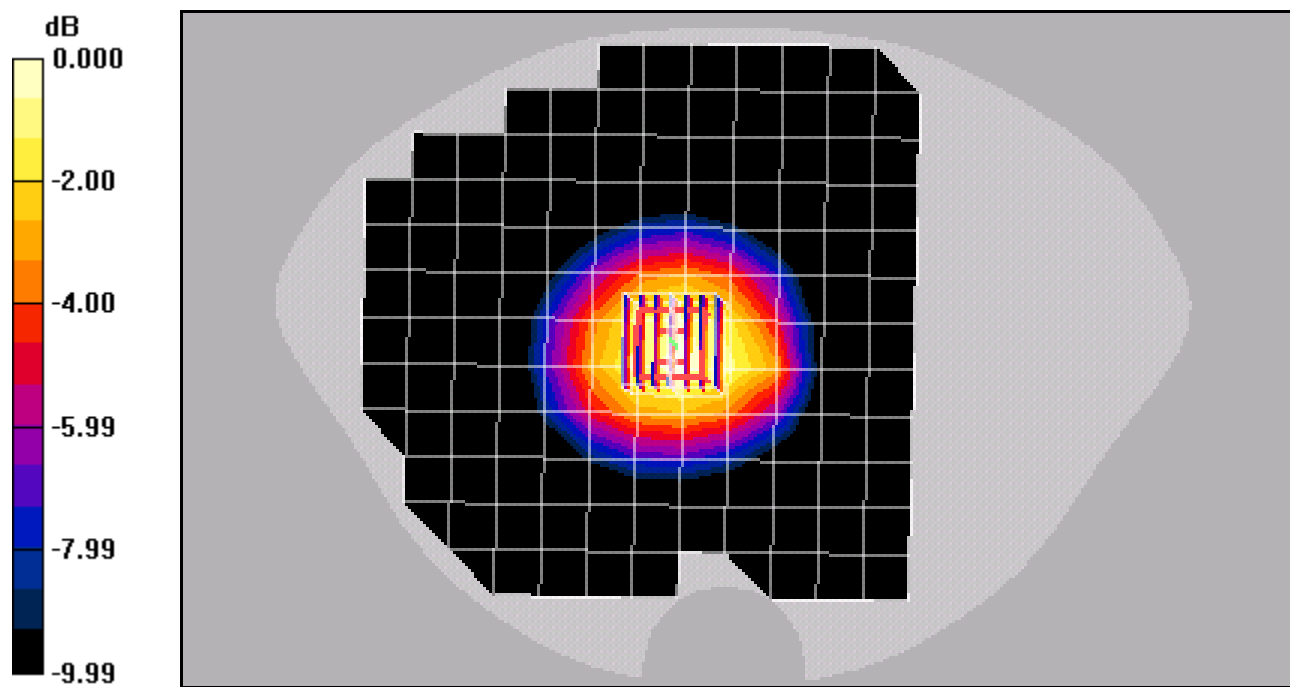
Reference Value = 31.6 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.707 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

Date/Time: 4/24/2006 9:42:12 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 AMPS ch383 Flat Phone Closed with Holster and Extended Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

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

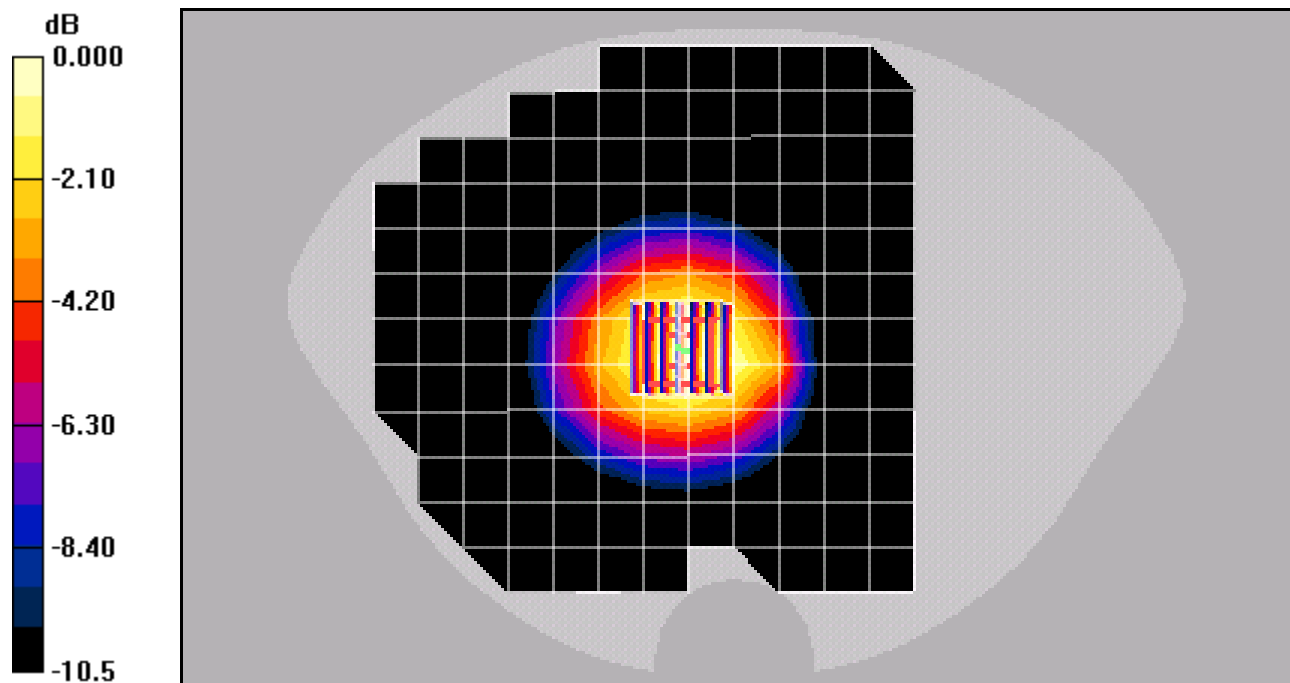
Reference Value = 34.0 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.784 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

Date/Time: 4/21/2006 10:50:55 AM

Test Laboratory: Kyocera

K323 #2644 Muscle-AMPS ch383 Flat Open W-Leather Case Std &900 mAH Batt

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

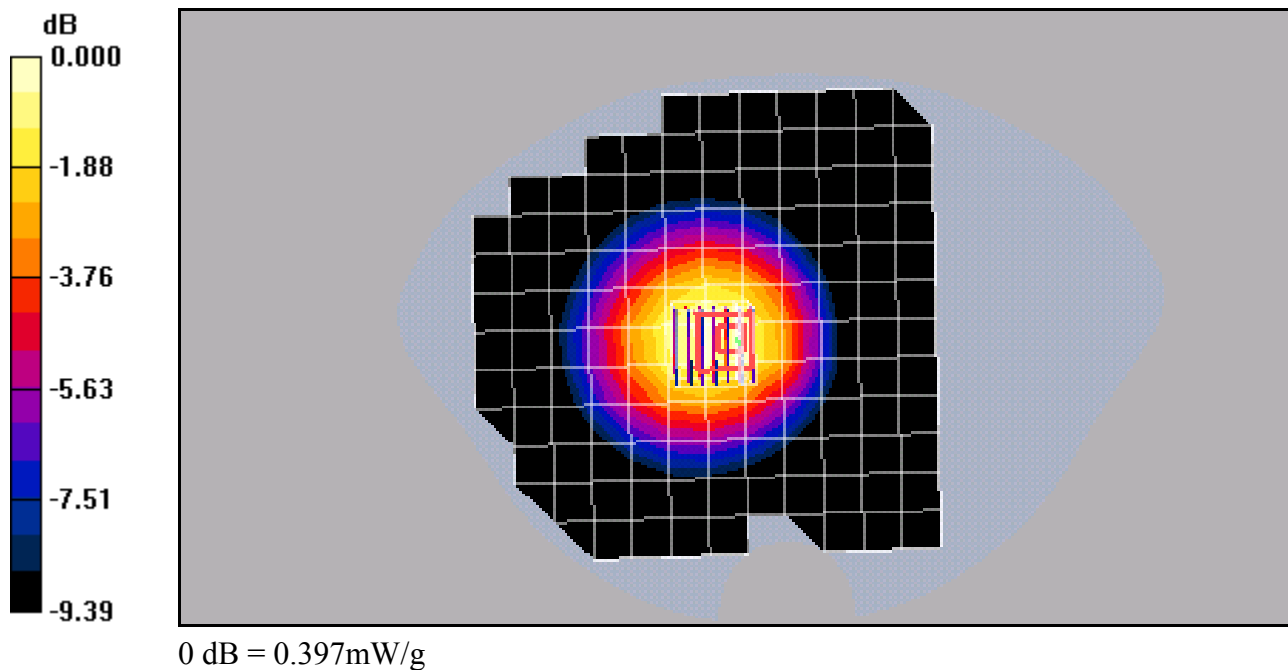
AMPS FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.397 mW/g



Date/Time: 4/21/2006 10:13:22 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 AMPS ch383 Flat Phone Closed with Standard Leather Case and 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

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

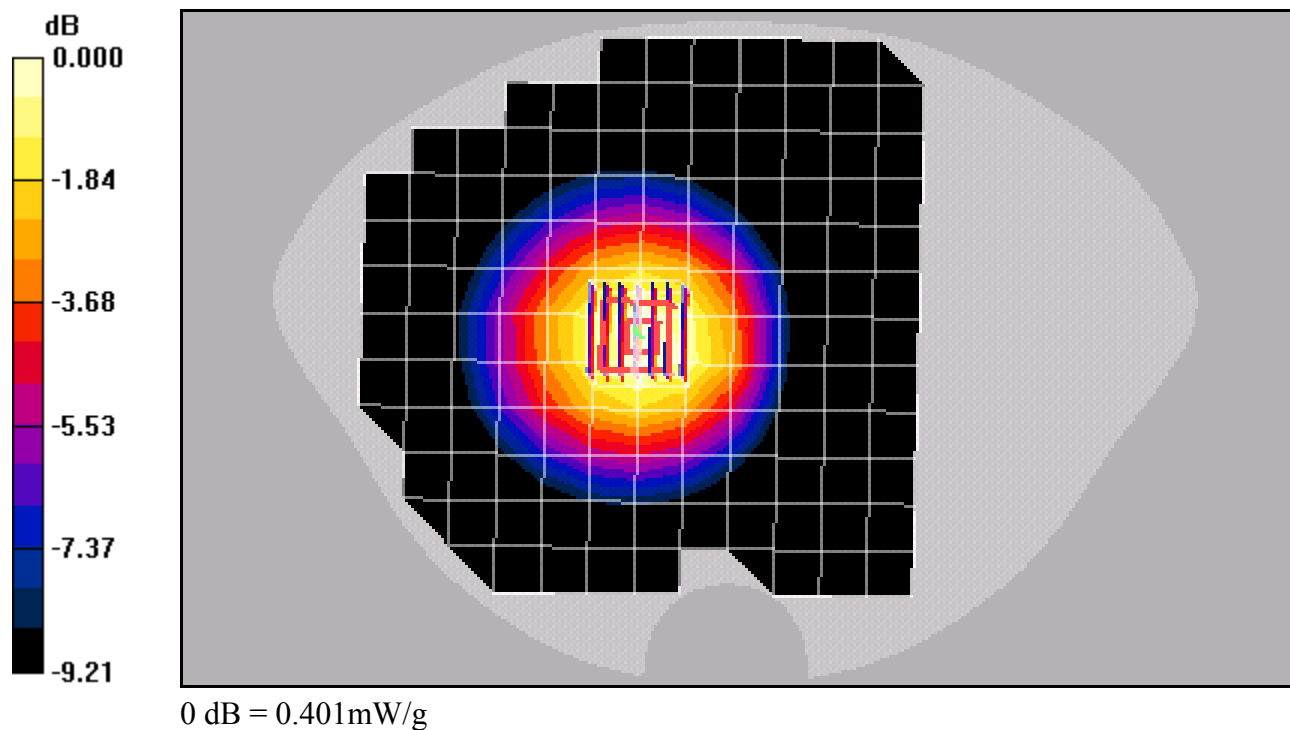
Reference Value = 16.3 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.269 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.401 mW/g



Date/Time: 4/22/2006 2:50:34 PM

Test Laboratory: Kyocera

K323 #2644 AMPS ch383 Flat Phone Open with Premium Leather Case and 1000mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

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

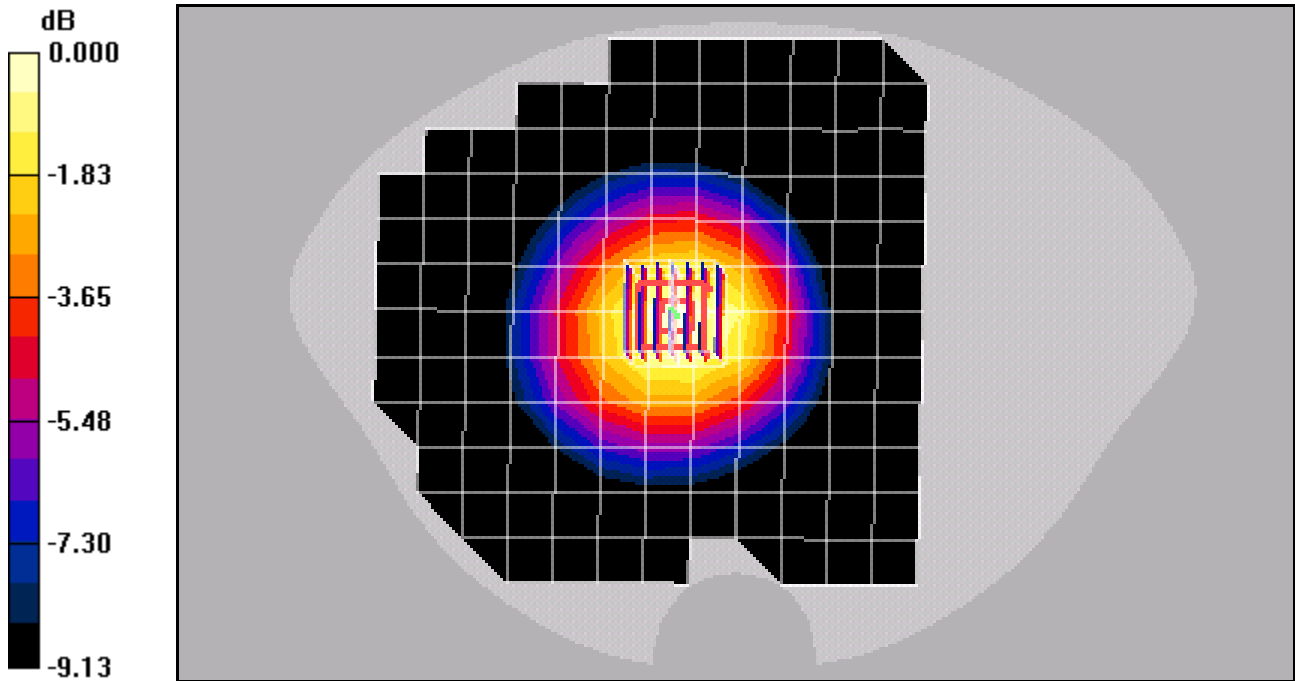
Reference Value = 18.2 V/m; Power Drift = 0.228 dB

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.257 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.380 mW/g



0 dB = 0.380mW/g

Date/Time: 4/23/2006 1:40:09 PM

Test Laboratory: Kyocera

K323 #2644 Muscle-AMPS ch383 Flat, Closed W-Premium Case & 900 mAH Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.922$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

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

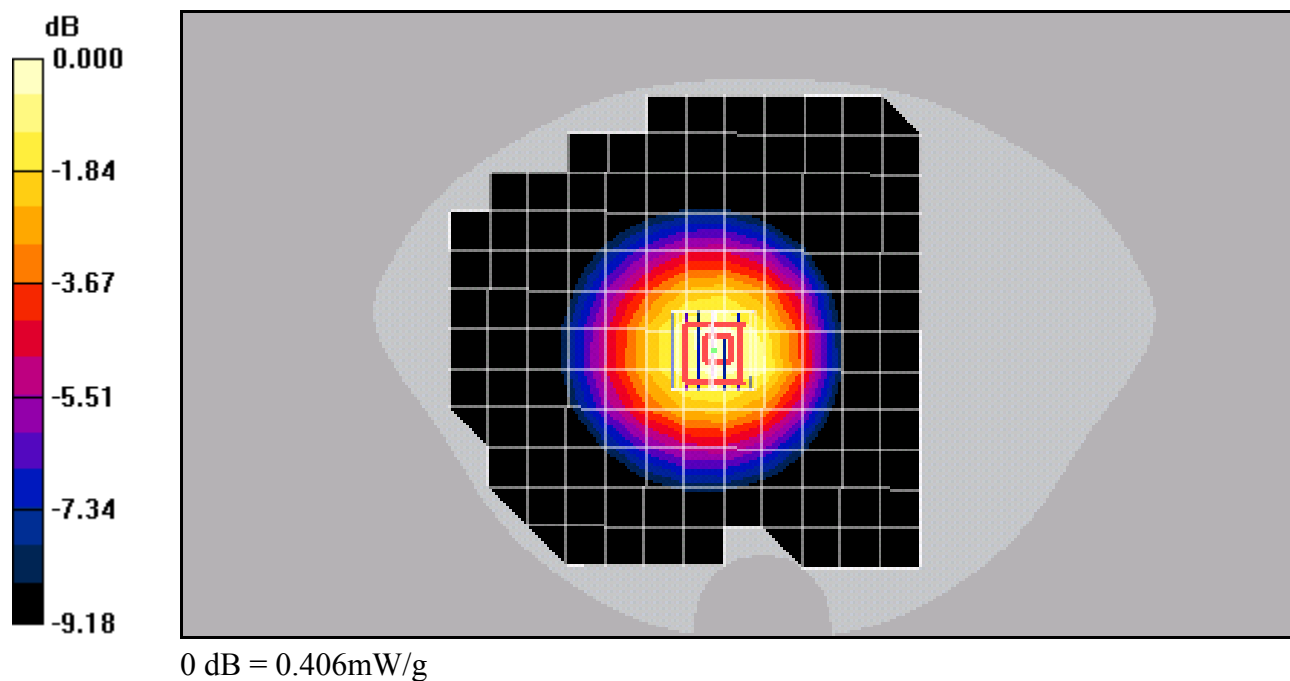
Reference Value = 20.5 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.272 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.406 mW/g



Date/Time: 4/24/2006 3:37:24 PM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-800 ch777 Flat Phone Open with 15mm Air Space, 1000mAh Battery and Bluetooth

Communication System: CDMA-800/AMPS, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA FLAT Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

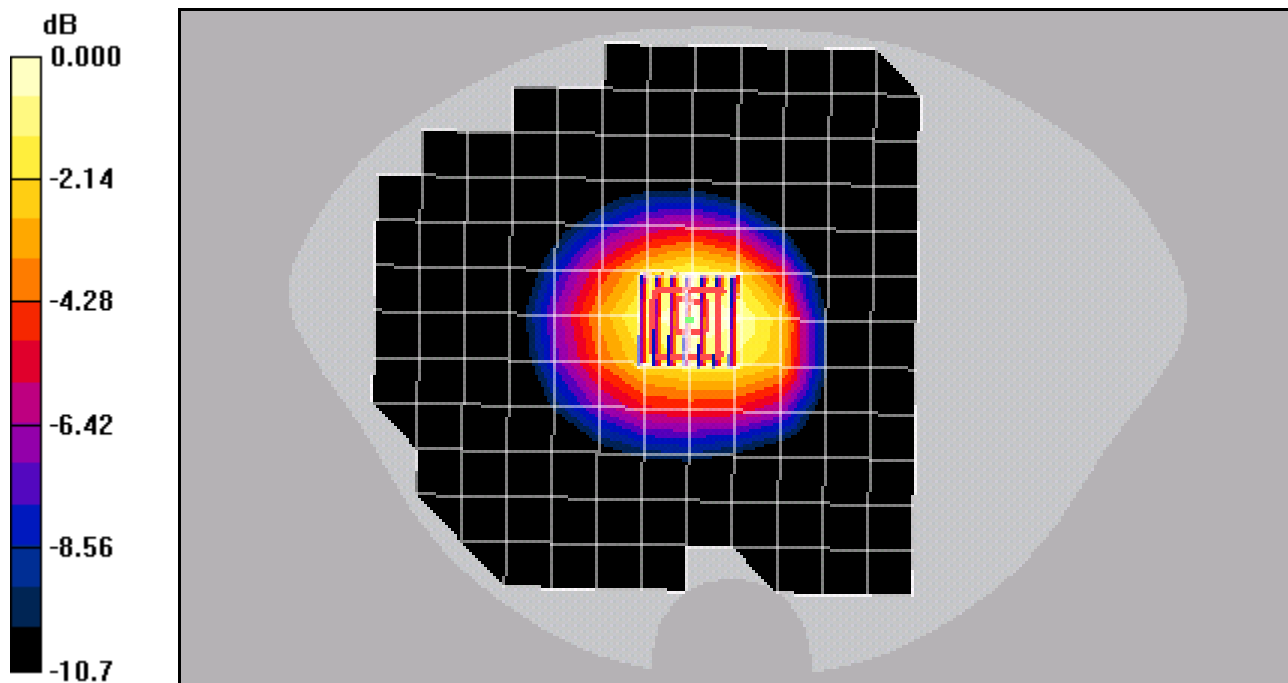
Reference Value = 36.1 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.937 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.46 mW/g



0 dB = 1.46mW/g

Date/Time: 4/22/2006 8:09:22 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-800 ch777 Flat Phone Closed with 15mm Air Space and 900mAh Battery

Communication System: CDMA-800/AMPS, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA FLAT Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

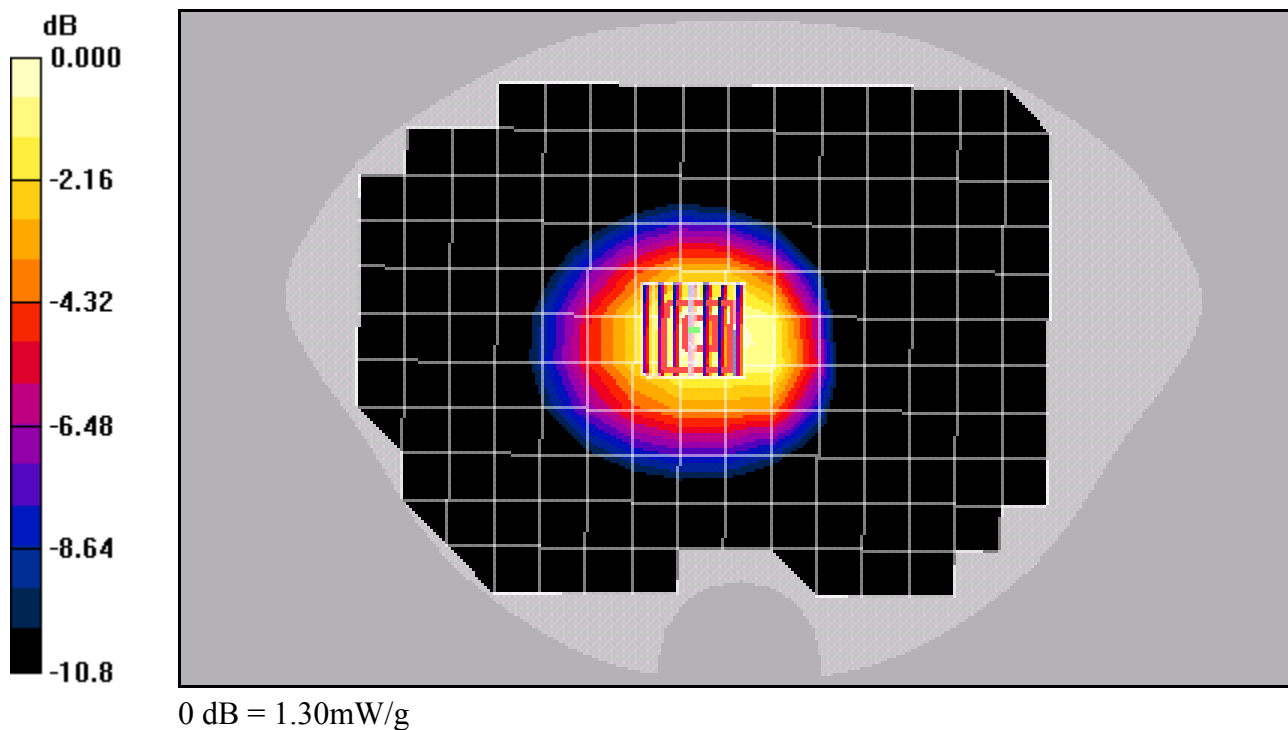
Reference Value = 36.1 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.836 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.30 mW/g



Date/Time: 4/23/2006 10:33:36 PM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-800 ch777 Flat Phone Open with Holster, Extended Battery and Bluetooth

Communication System: CDMA-800/AMPS, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.922$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA FLAT Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

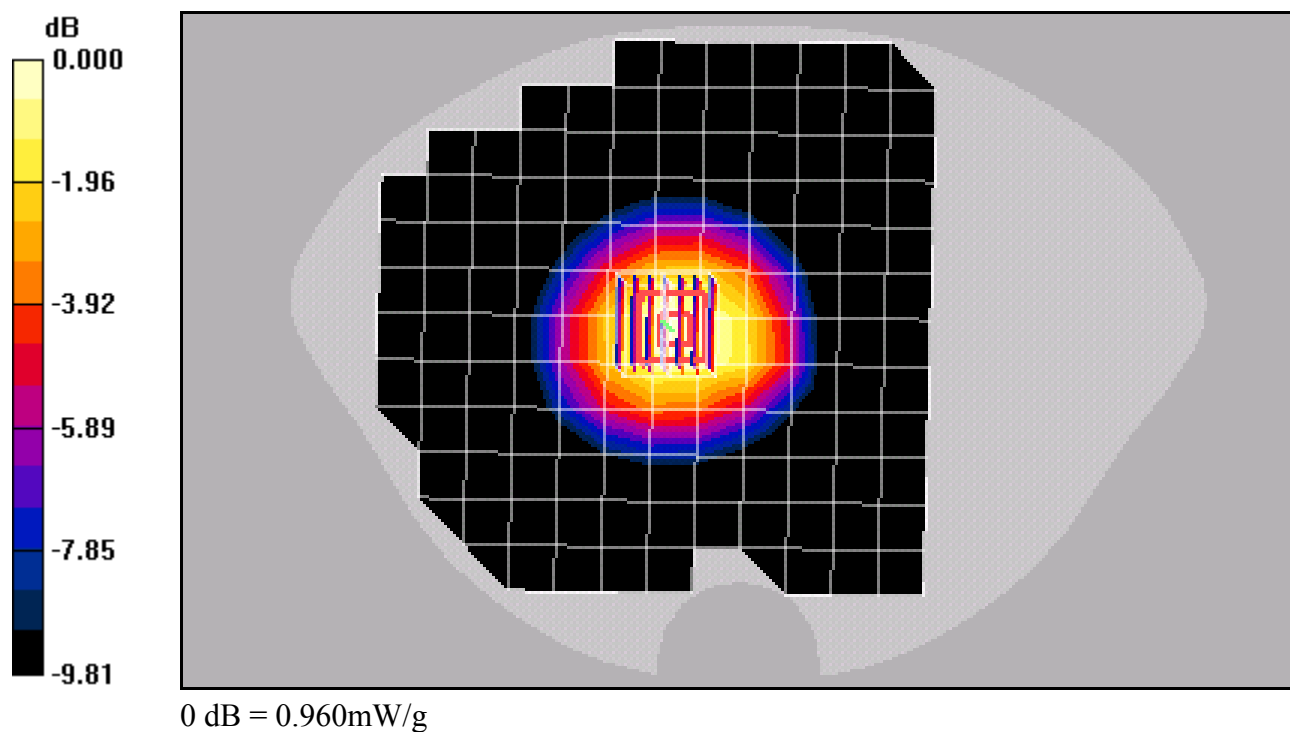
Reference Value = 29.3 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.628 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.960 mW/g



Date/Time: 4/23/2006 10:02:33 PM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-800 ch777 Flat Phone Closed with Hoster, Extended Battery and Bluetooth

Communication System: CDMA-800/AMPS, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.922$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA FLAT Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

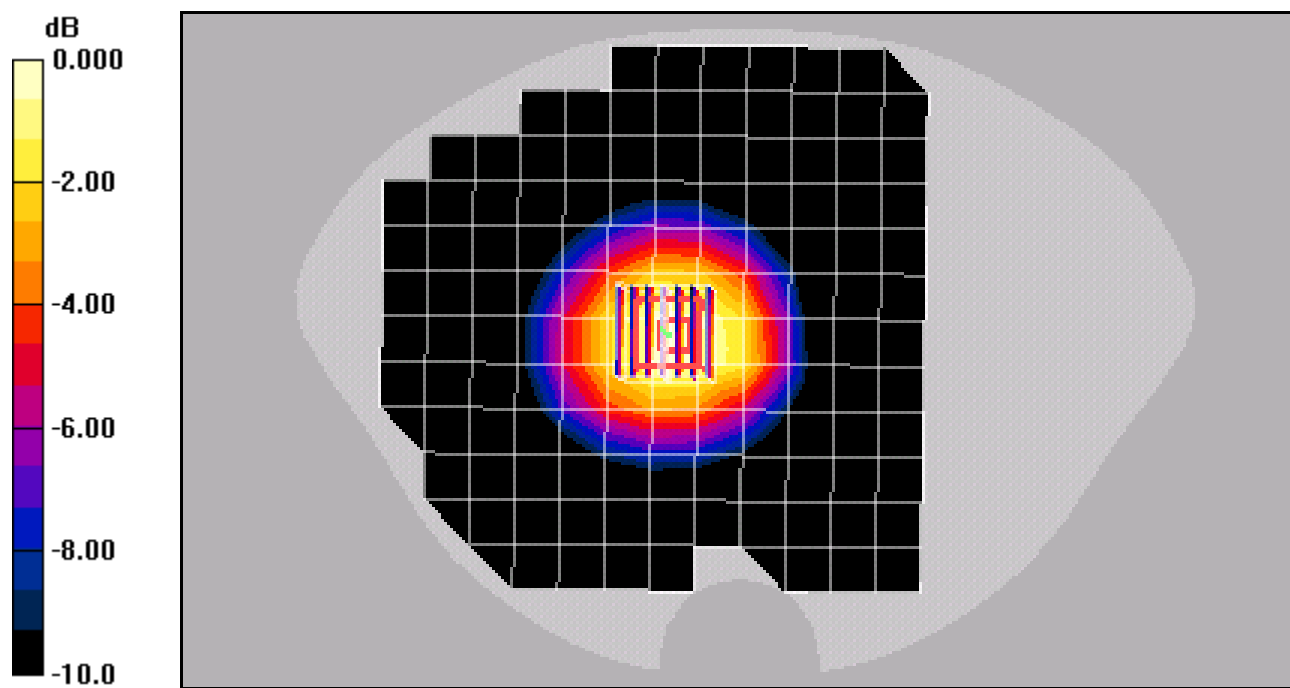
Reference Value = 34.4 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.834 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28mW/g

Date/Time: 4/24/2006 4:37:38 PM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-800 ch383 Flat Phone Open with Standard Leather Case, 1000mAh Battery and Bluetooth

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

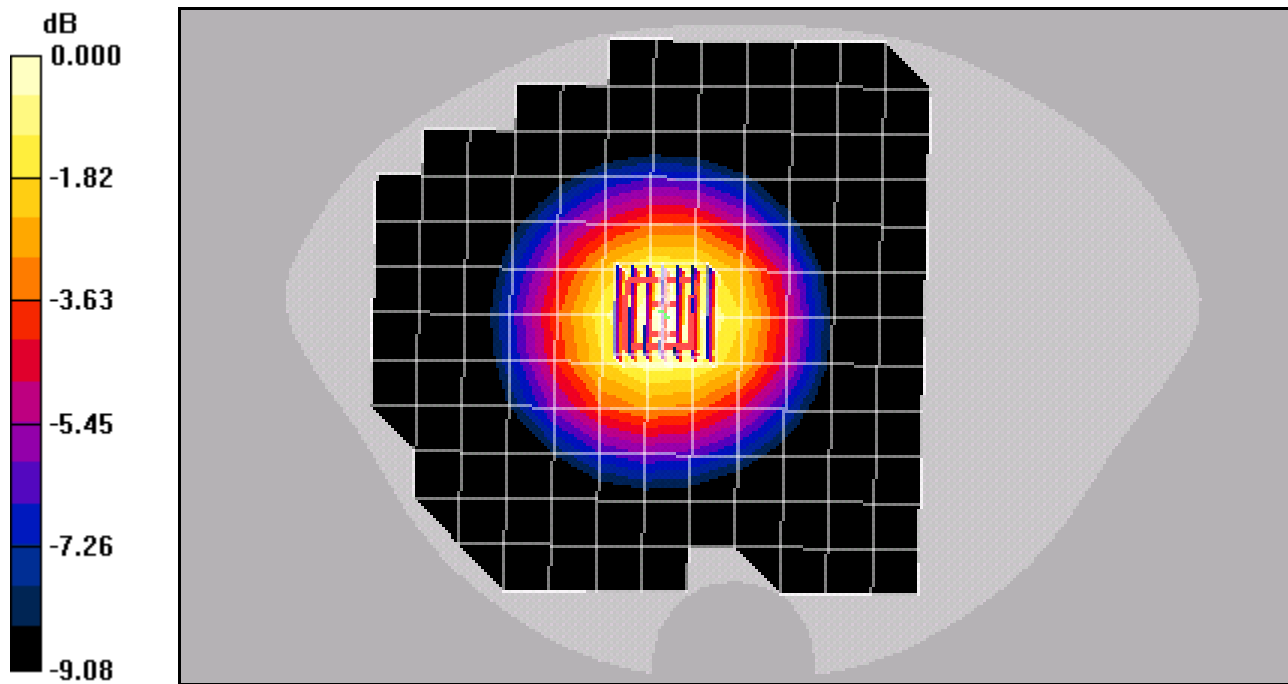
CDMA FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.282 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.419mW/g

Date/Time: 4/21/2006 12:12:58 PM

Test Laboratory: Kyocera

K323 #2644 Muscle-CDMA-800 ch383 Flat Close, W-Leather Case Std &1000 mAH Batt

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

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

dz=5mm

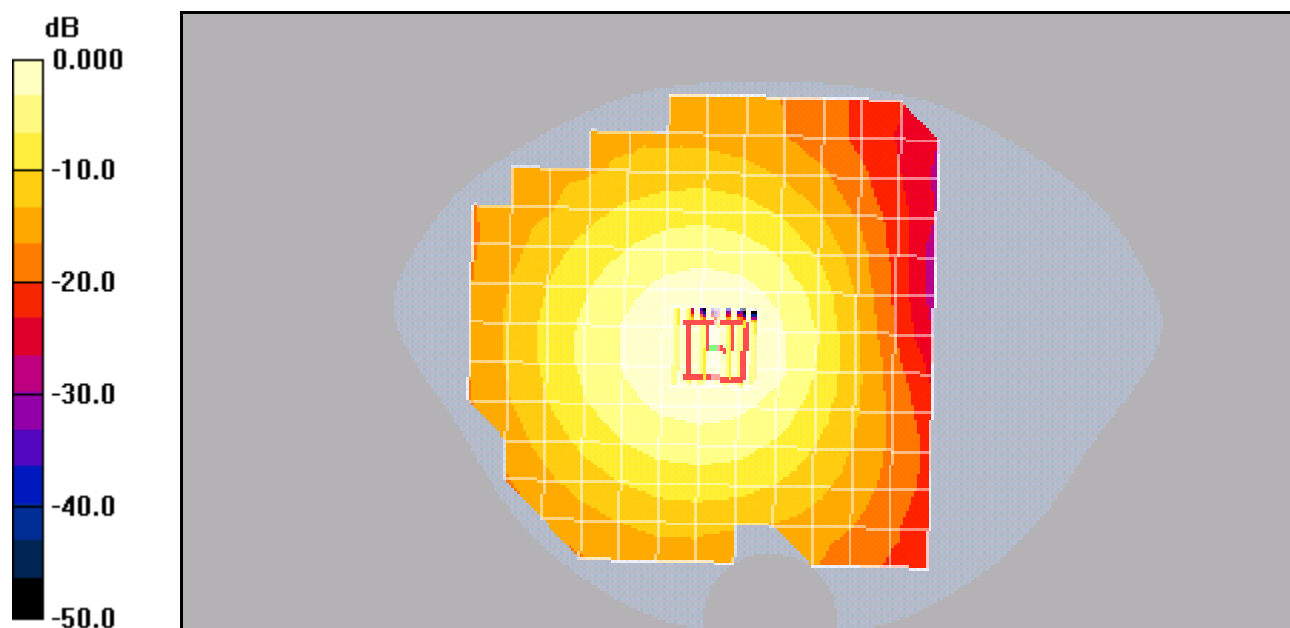
Reference Value = 17.2 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.298 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.414mW/g

Date/Time: 4/21/2006 4:38:21 PM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-800 ch383 Flat Phone Open with Premium Leather Case and 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

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

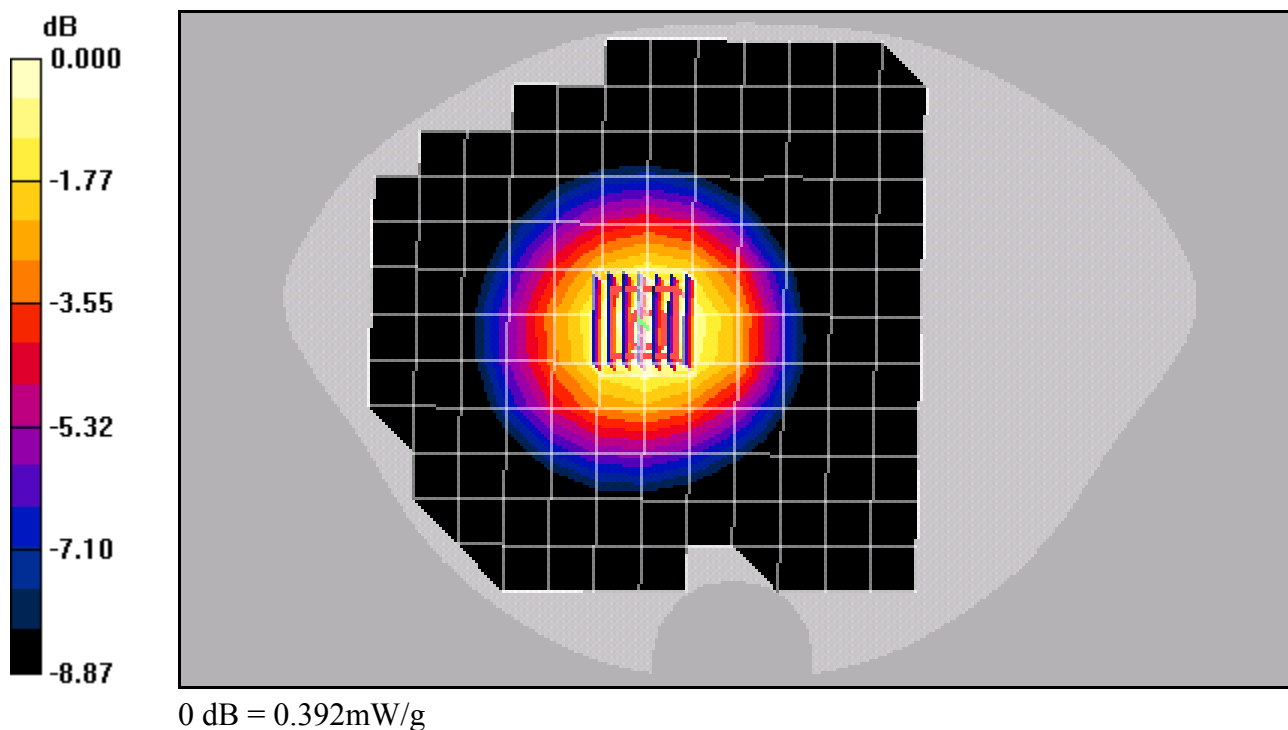
Reference Value = 16.8 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.265 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.392 mW/g



Date/Time: 4/22/2006 1:38:06 PM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-800 ch383 Flat Phone Closed with Premium Leather Case and 1000mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.57, 6.57, 6.57), Calibrated: 6/15/2005

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

Electronics: DAE4 Sn602, Calibrated: 8/30/2005

Measurement SW: DASY4, V4.6 Build 19

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

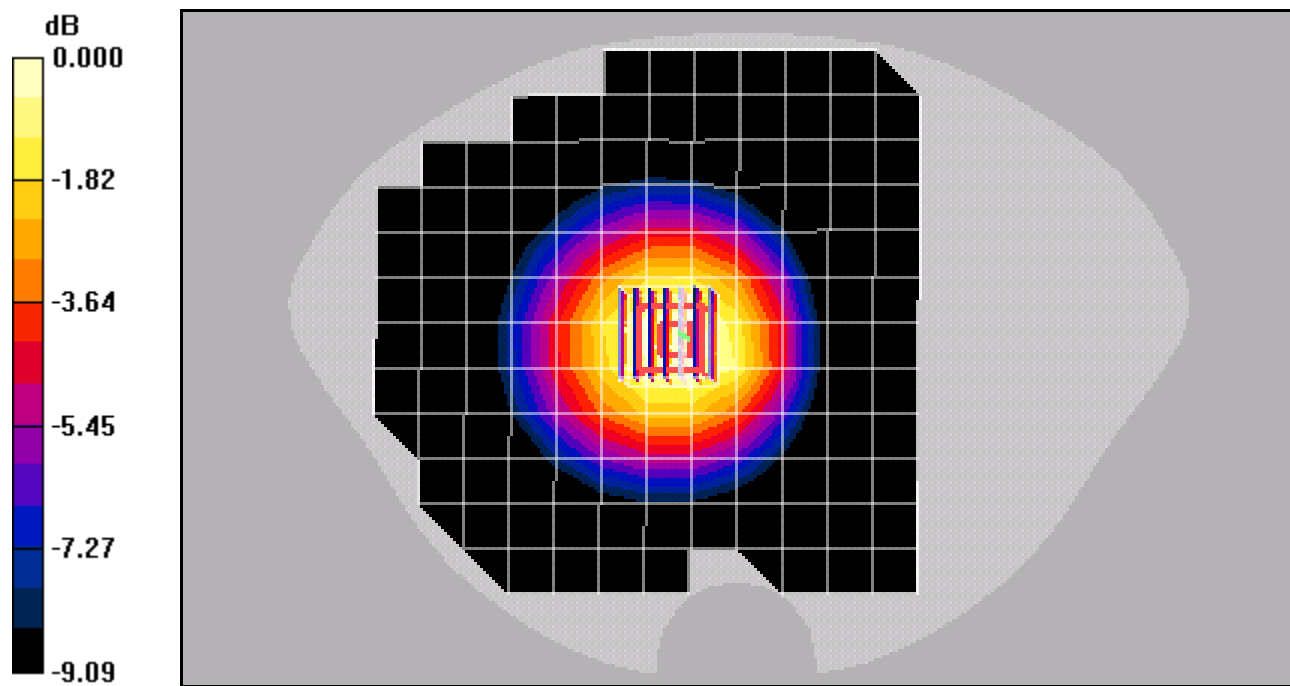
CDMA FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.231 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.304 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.442 mW/g



0 dB = 0.442mW/g

Date/Time: 4/28/2006 8:41:13 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-1900 ch600 Flat Phone Open with 15mm Air Space, 1000mAh Battery and Bluetooth

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.291 mW/g

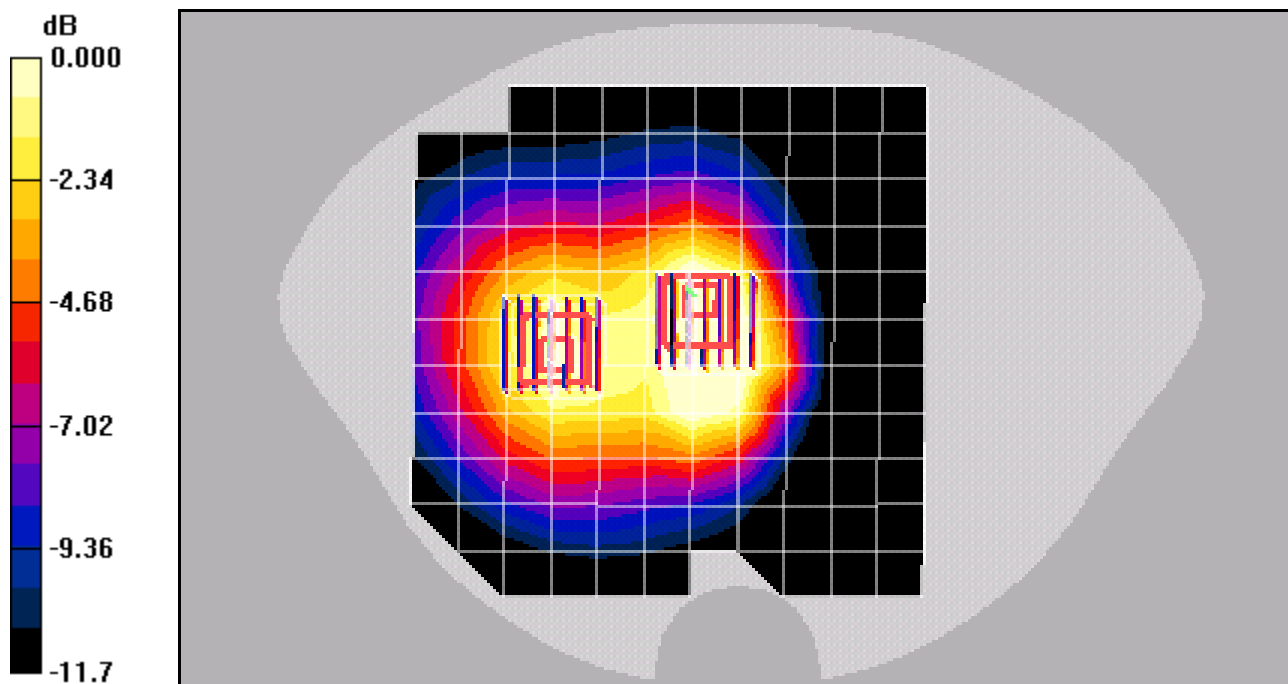
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.201mW/g

Date/Time: 4/28/2006 7:47:09 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-1900 ch600 Flat Phone Closed with 15mm Air Space, 1000mAh Battery and Bluetooth

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.353 mW/g

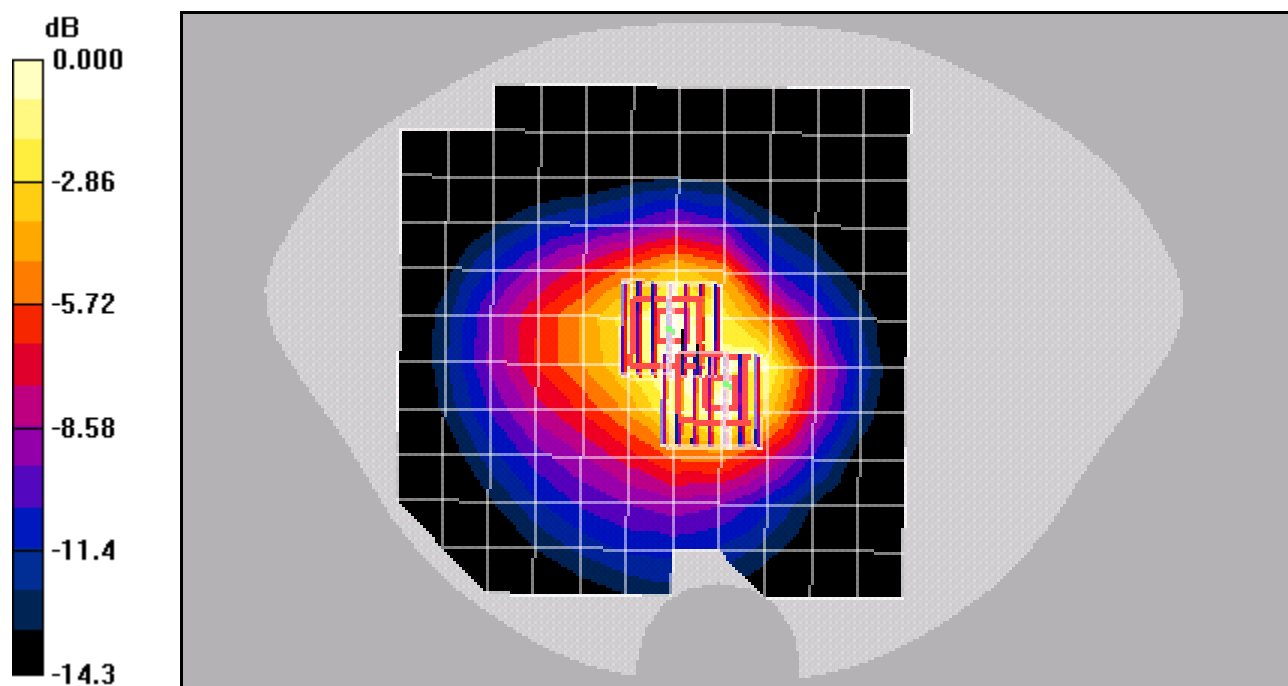
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.369mW/g

Date/Time: 4/28/2006 2:55:15 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-1900 ch600 Flat Phone Open with Holster, Extended Battery and Bluetooth

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

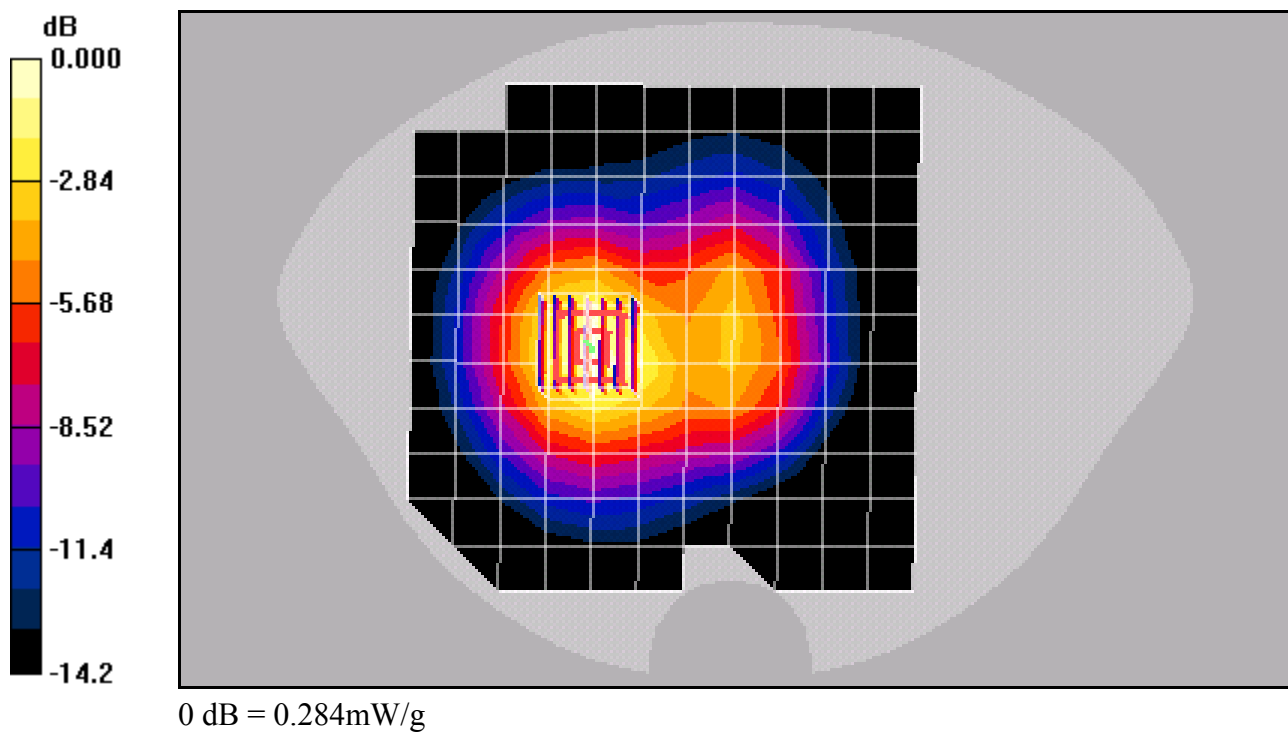
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.98 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



Date/Time: 4/28/2006 3:31:14 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-1900 ch600 Flat Phone Closed with Holster, Extended Battery and Bluetooth

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.34 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.172 mW/g

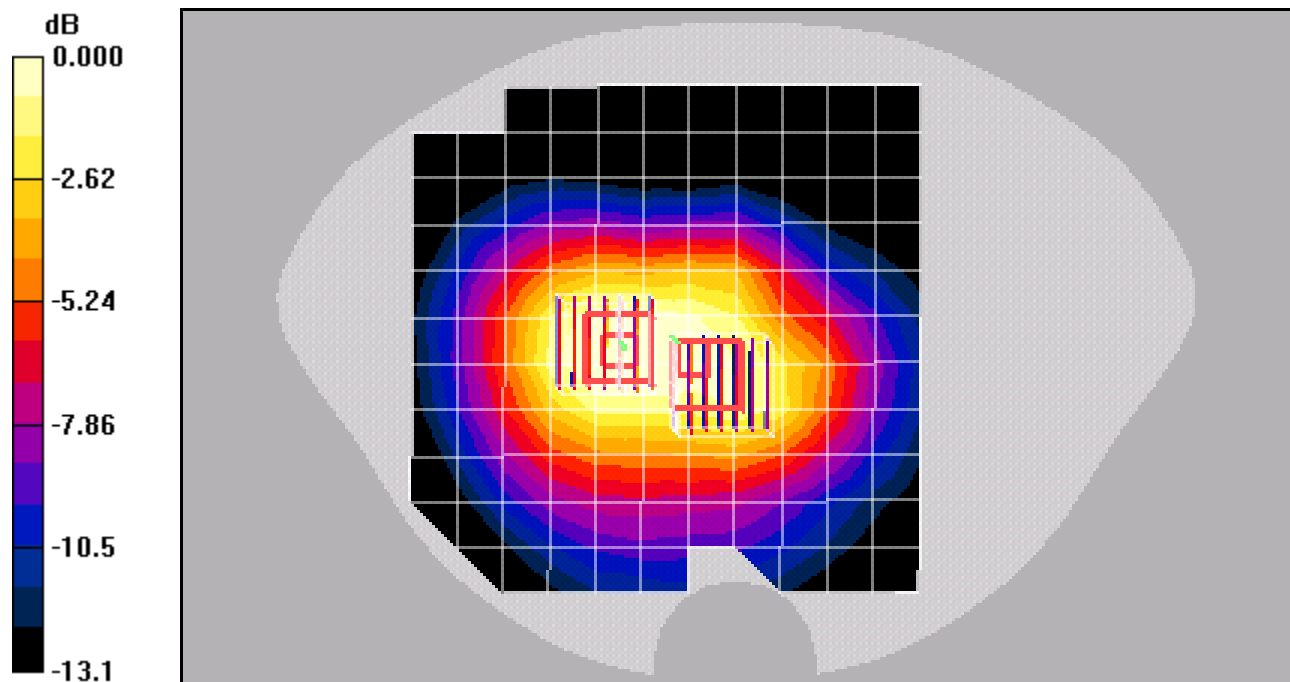
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.34 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.149 mW/g



0 dB = 0.149mW/g

Date/Time: 4/27/2006 5:24:30 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-1900 ch600 Flat Phone Open with Standard Leather Case and 1000mAh Battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.64 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.086 mW/g

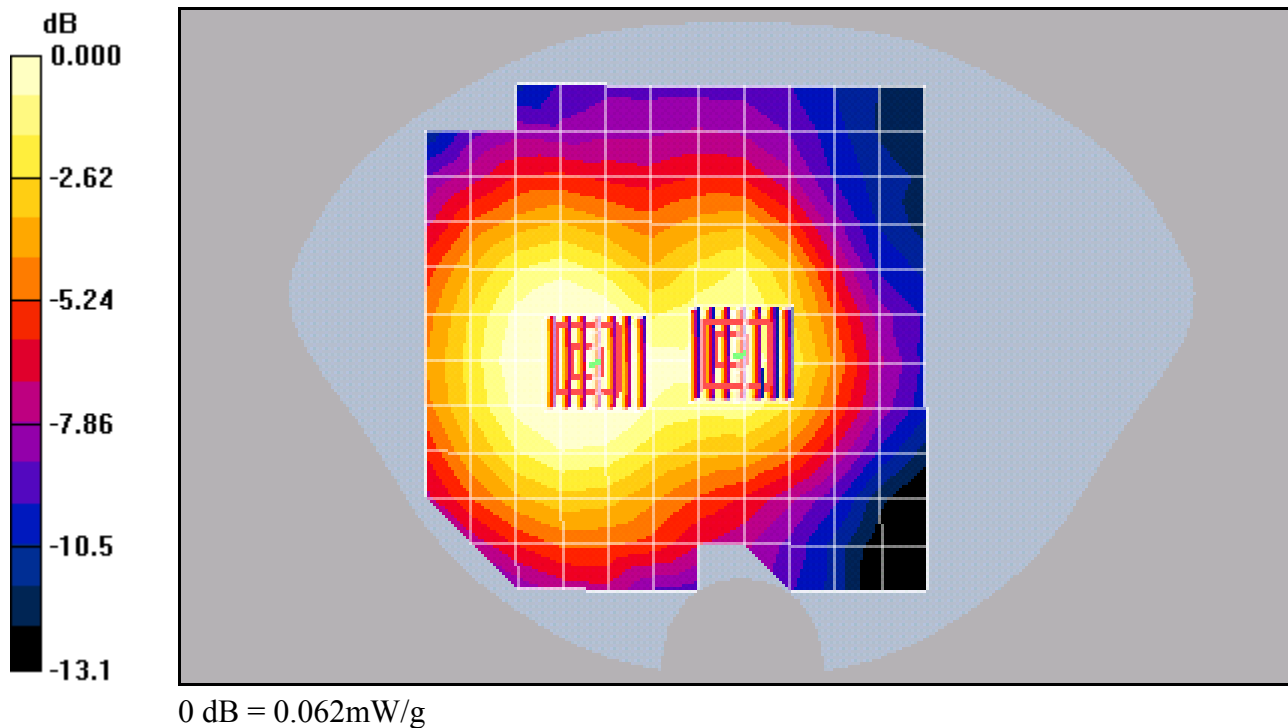
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.64 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



Date/Time: 4/28/2006 5:45:38 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-1900 ch600 Flat Phone Closed with Standard Leather Case, 900mAh Battery and Bluetooth**Communication System:** CDMA-1900, **Frequency:** 1880 MHz, **Duty Cycle:** 1:1**Medium:** M1800, **Medium parameters used:** $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³**Phantom:** SAM 12, **Phantom section:** Flat Section**DASY4 Configuration:**

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

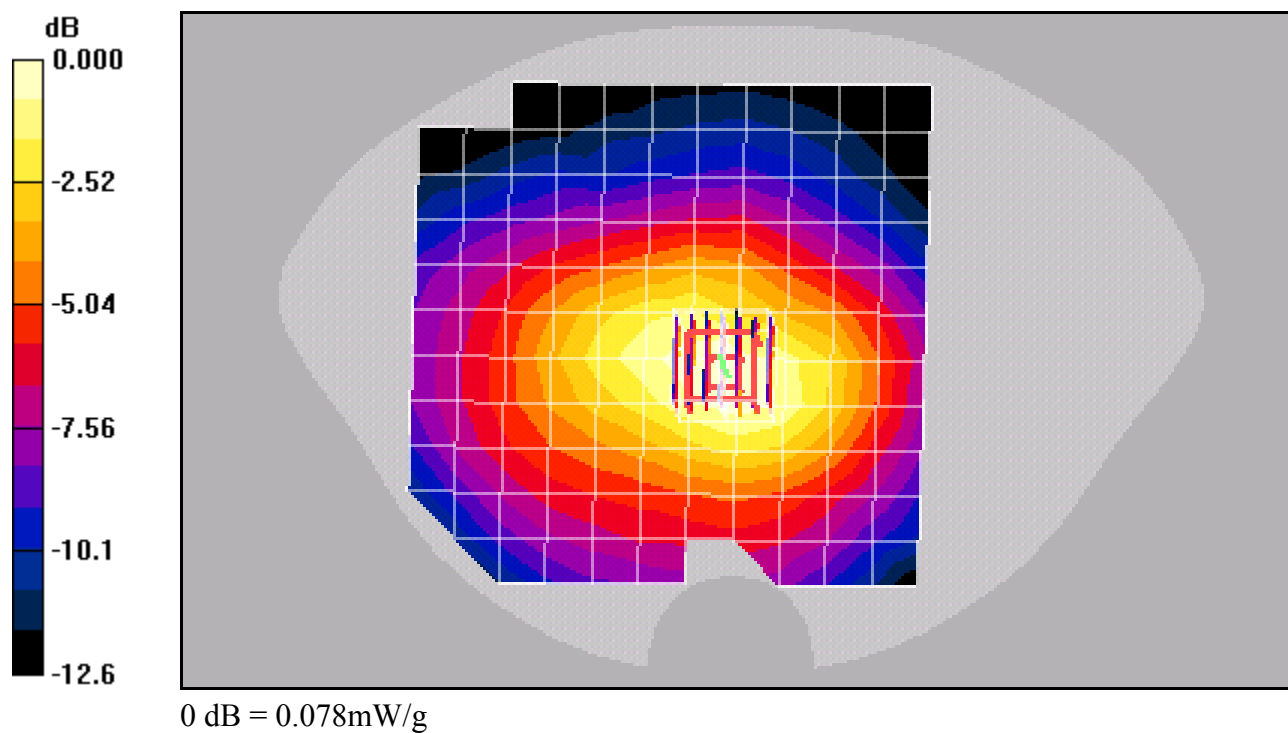
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.49 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



Date/Time: 4/28/2006 6:21:28 AM

Test Laboratory: Kyocera

K323 #2644 CDMA-1900 ch600 Flat Phone Open with Premium Leather Case, 900mAh Battery and Bluetooth

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.23 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.085 mW/g

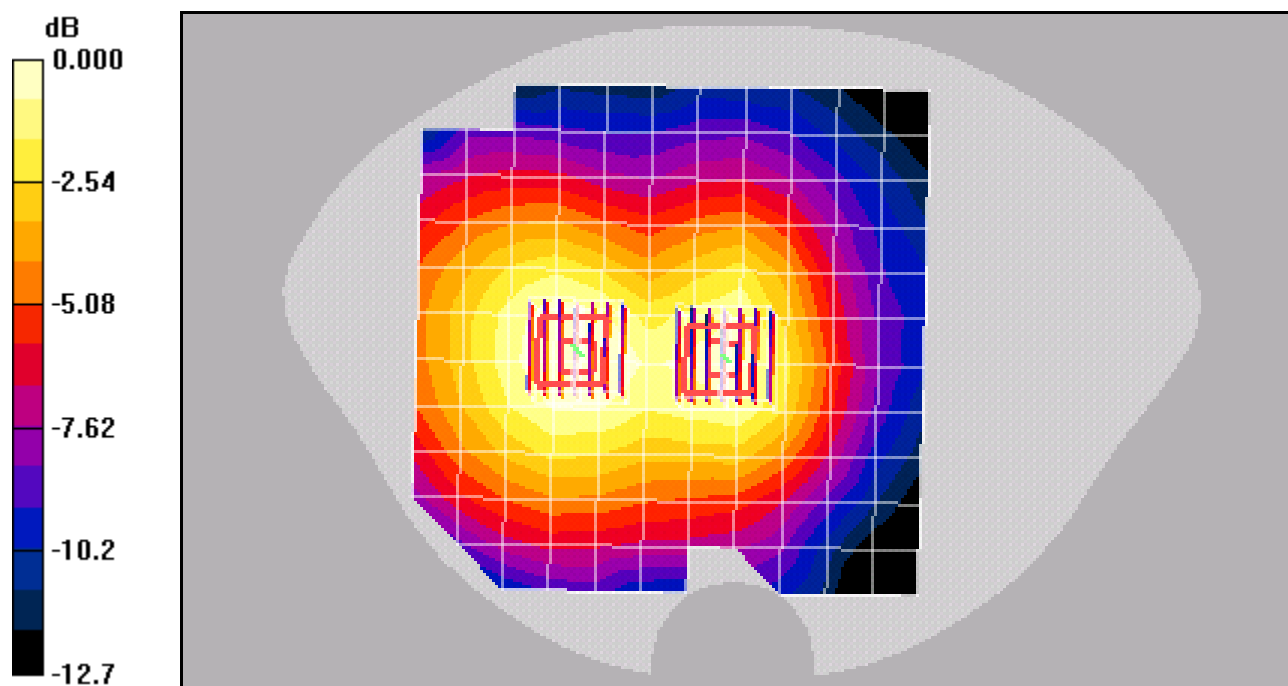
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.23 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



0 dB = 0.078mW/g

Date/Time: 4/28/2006 7:04:36 AM

Test Laboratory: Kyocera-Wireless Corp.

K323 #2644 CDMA-1900 ch600 Flat Phone Closed with Premium Leather Case, 1000mAh Battery and Bluetooth

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.61 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.070 mW/g

