

Appendix B2:
SAR Distribution Plots (Body)

Date/Time: 4/19/2006 6:30:13 PM

Test Laboratory: Kyocera

K322 #2180 AMPS ch383 Flat Phone Closed with 15mm Air Space & 900mAh Battery

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; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

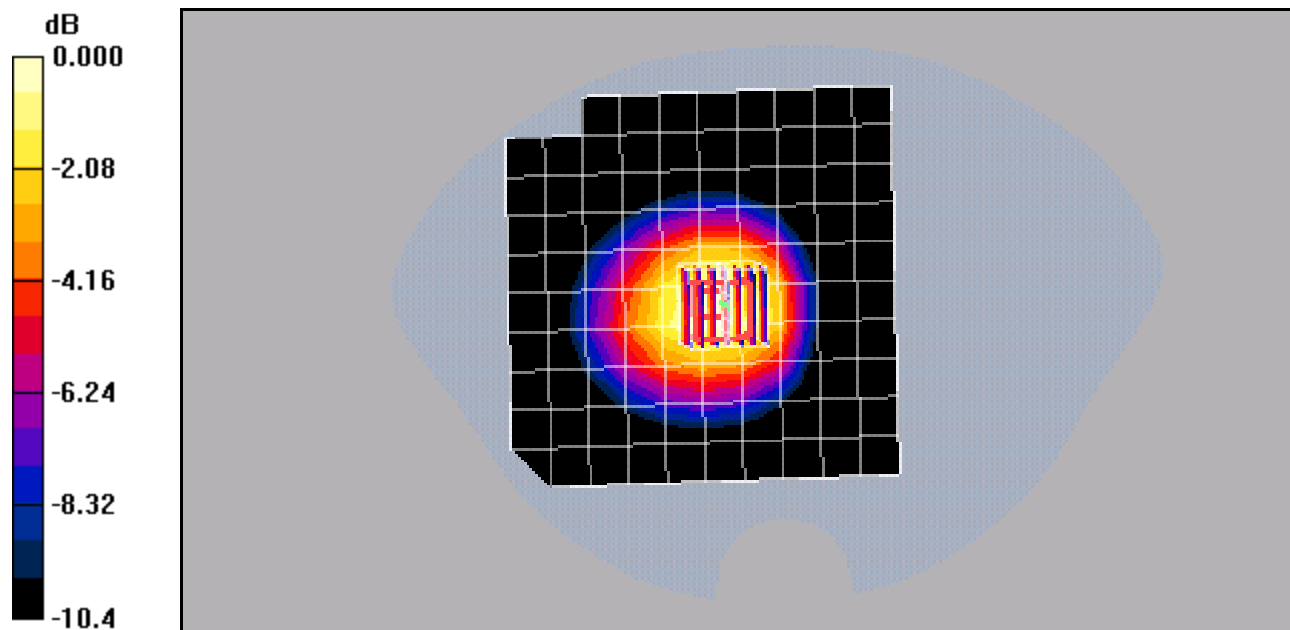
Reference Value = 24.1 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.593 mW/g

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

Maximum value of SAR (measured) = 0.889 mW/g



0 dB = 0.889mW/g

Date/Time: 4/19/2006 9:33:42 PM

Test Laboratory: Kyocera

K322 #2180 AMPS ch799 Flat, Phone Open with 15mm Air Space & 900mAh Battery

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

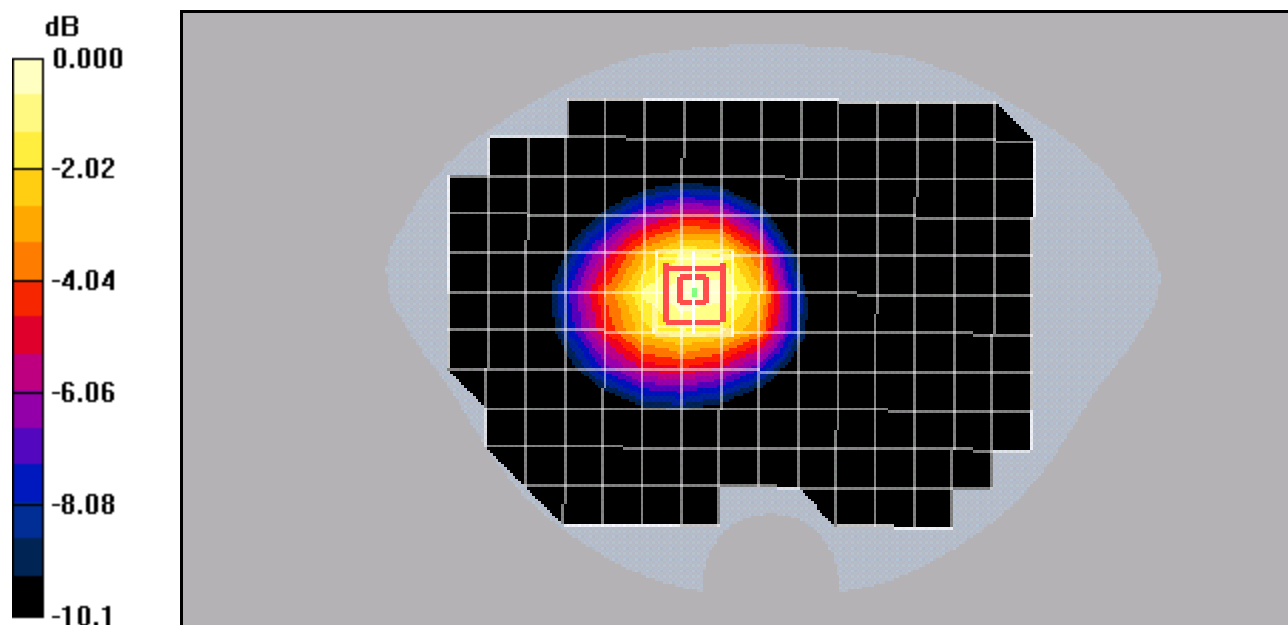
Reference Value = 22.6 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.812 mW/g

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

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Date/Time: 4/19/2006 2:15:49 AM

Test Laboratory: Kyocera

K322 #2180 AMPS ch799 Flat, Phone Closed with Holster & 900mAh Battery

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

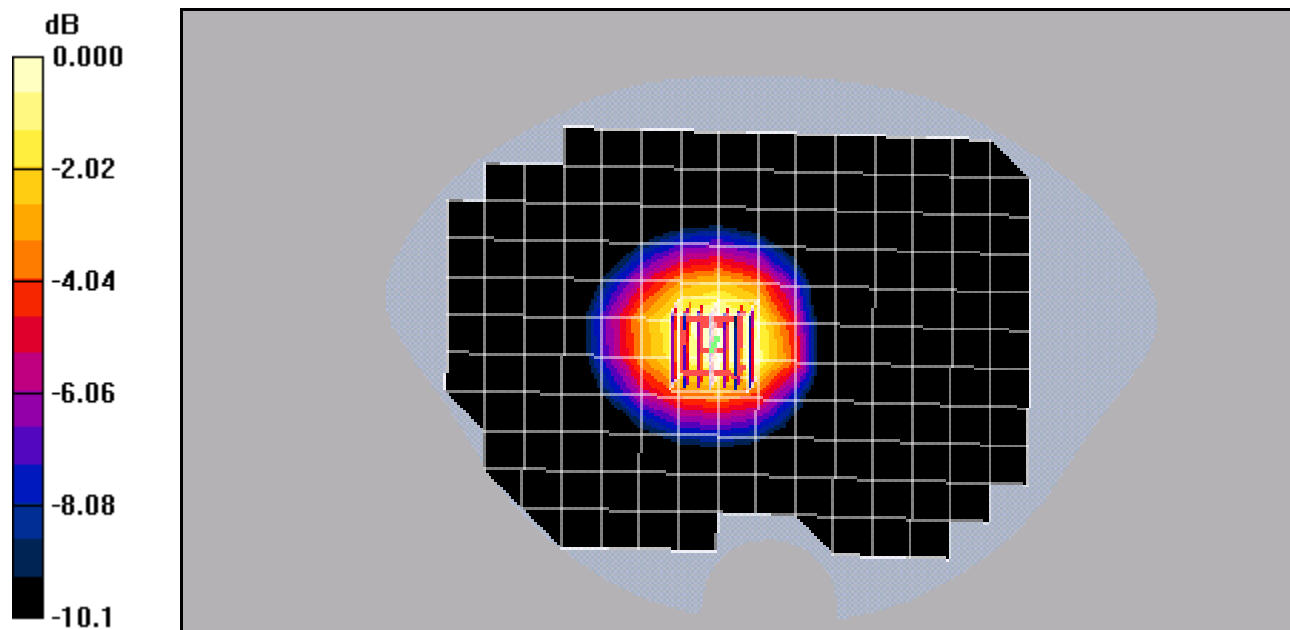
Reference Value = 38.5 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.54 mW/g; SAR(10 g) = 1.09 mW/g

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

Maximum value of SAR (measured) = 1.63 mW/g



0 dB = 1.63mW/g

Date/Time: 4/19/2006 5:01:40 AM

Test Laboratory: Kyocera

K322 #2180 AMPS ch799 Flat, Phone Open with Holster & 900mAh Battery

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

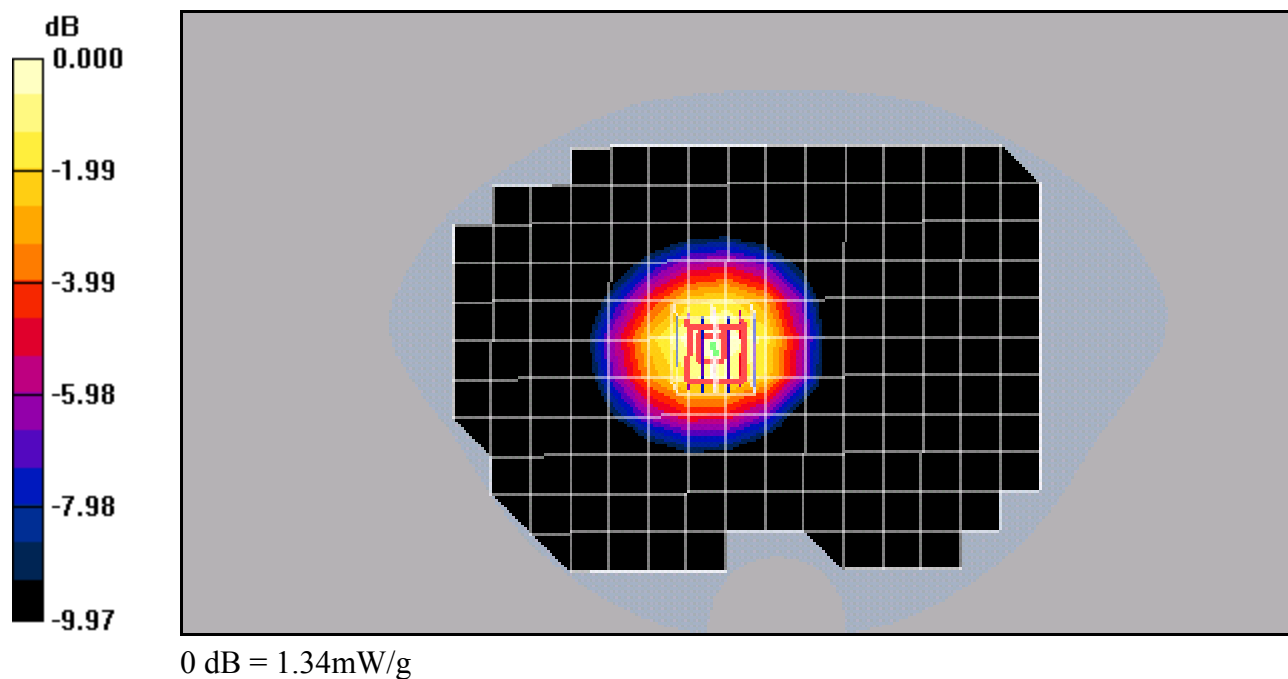
Reference Value = 31.4 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.879 mW/g

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

Maximum value of SAR (measured) = 1.34 mW/g



Date/Time: 4/4/2006 2:15:20 PM

Test Laboratory: Kyocera

K322 #2180 AMPS ch383 Flat, Phone Closed with Standard Leather Case & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

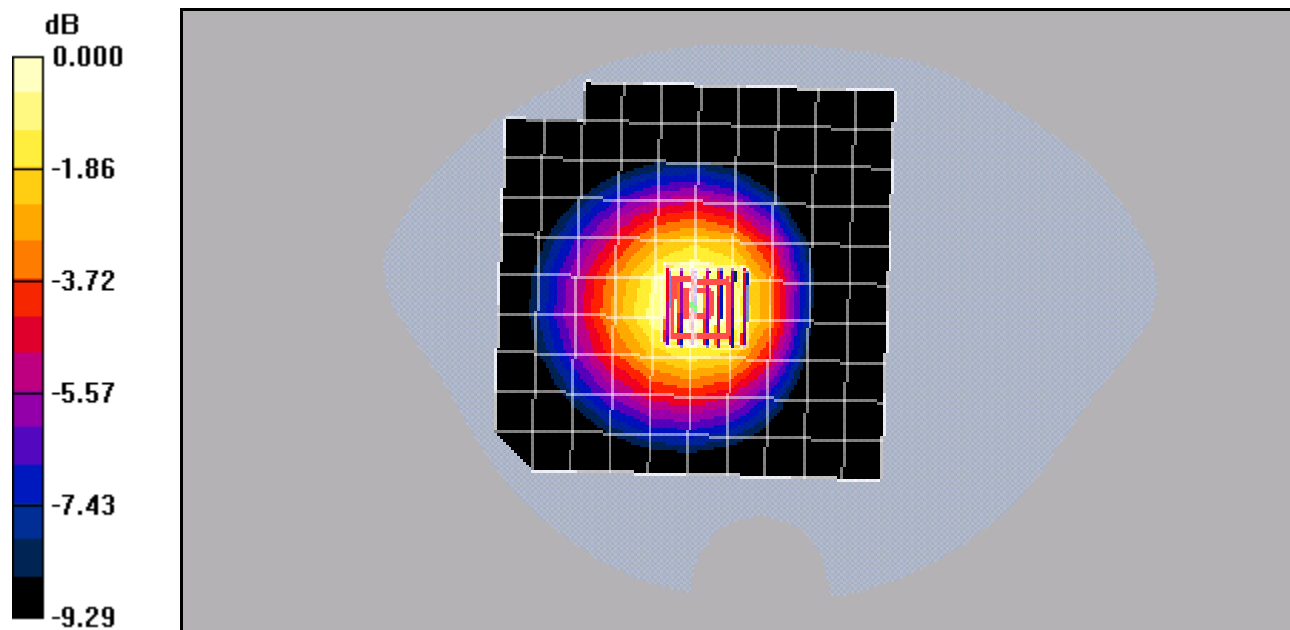
Reference Value = 14.9 V/m; Power Drift = -0.212 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.261 mW/g

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

Maximum value of SAR (measured) = 0.382 mW/g



0 dB = 0.382mW/g

Date/Time: 4/4/2006 2:51:15 PM

Test Laboratory: Kyocera

K322 #2180 AMPS ch383 Flat, Phone Open with Standard Leather Case & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

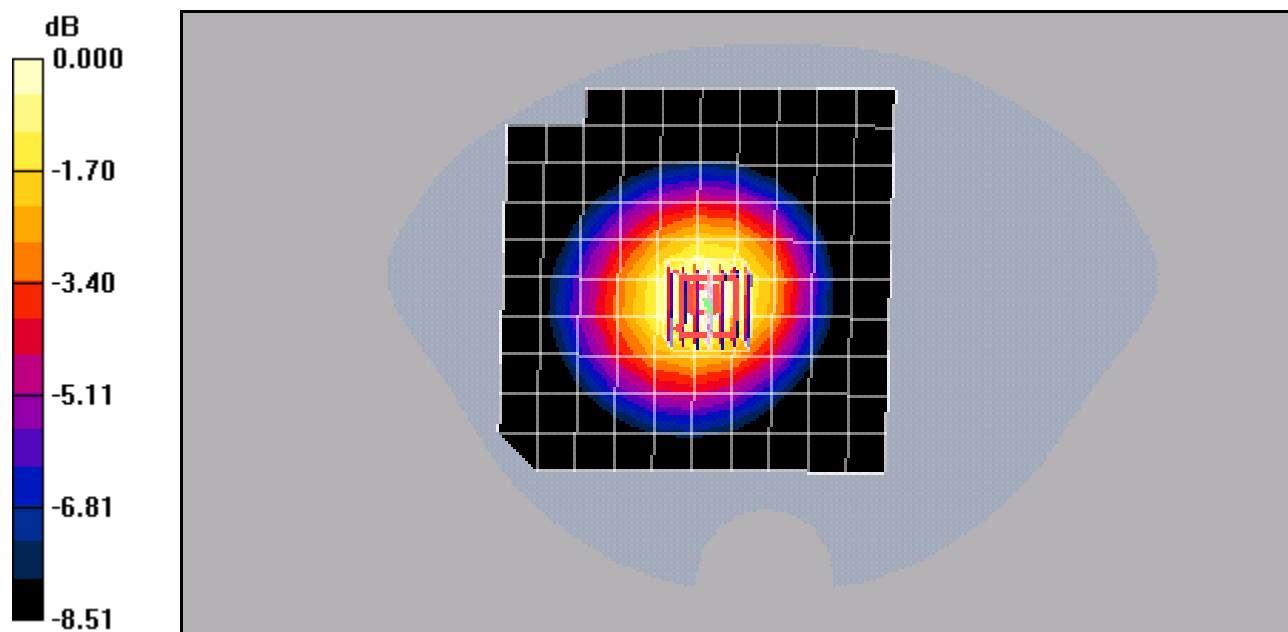
Reference Value = 14.2 V/m; Power Drift = -0.215 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.216 mW/g

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

Maximum value of SAR (measured) = 0.313 mW/g



0 dB = 0.313mW/g

Date/Time: 4/4/2006 1:38:01 PM

Test Laboratory: Kyocera

K322 #2180 AMPS ch383 Flat, Phone Closed with Premium Leather Case & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

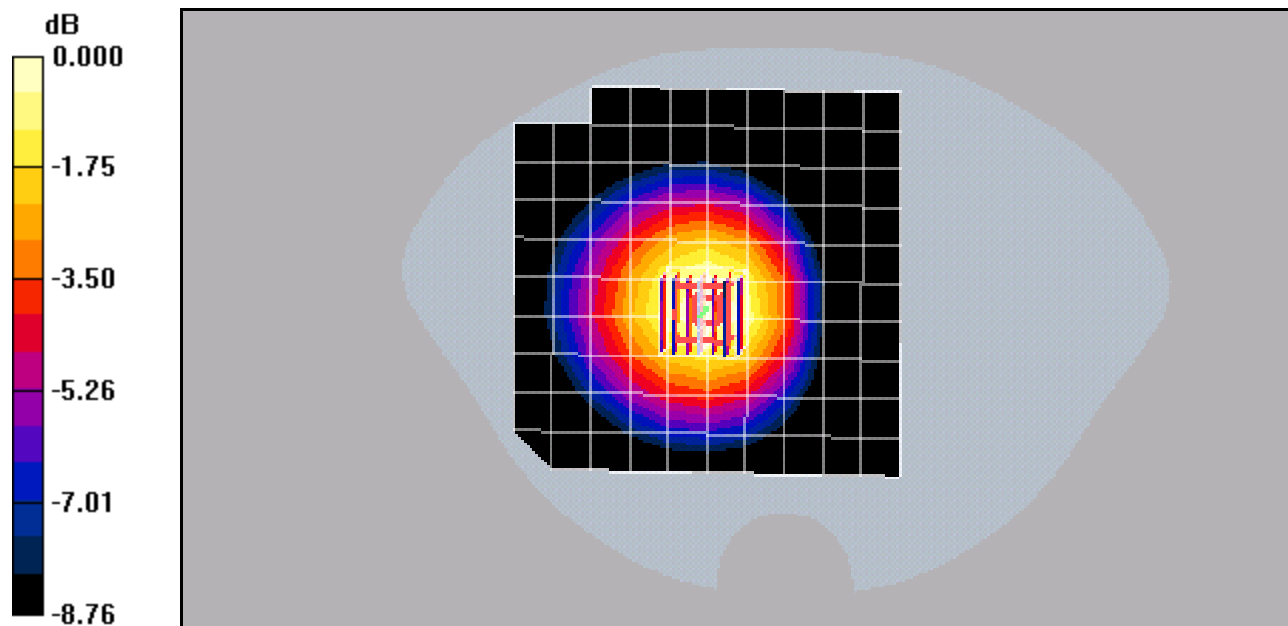
Reference Value = 13.4 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.224 mW/g

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

Maximum value of SAR (measured) = 0.327 mW/g



0 dB = 0.327mW/g

Date/Time: 4/4/2006 12:45:58 PM

Test Laboratory: Kyocera

K322 #2180 AMPS ch383 Flat, Phone Open with Premium Leather Case & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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

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

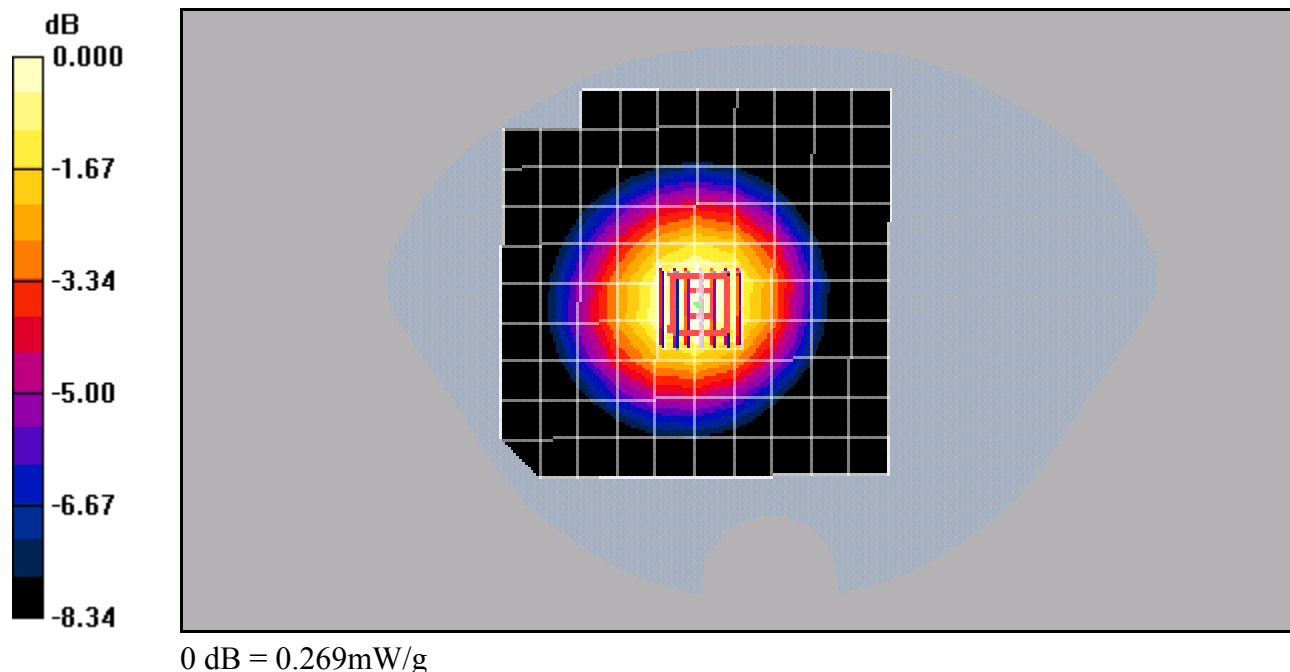
Reference Value = 12.7 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.187 mW/g

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

Maximum value of SAR (measured) = 0.269 mW/g



Date/Time: 4/19/2006 4:26:51 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch383 Flat, Phone Closed with 15mm Air Space & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

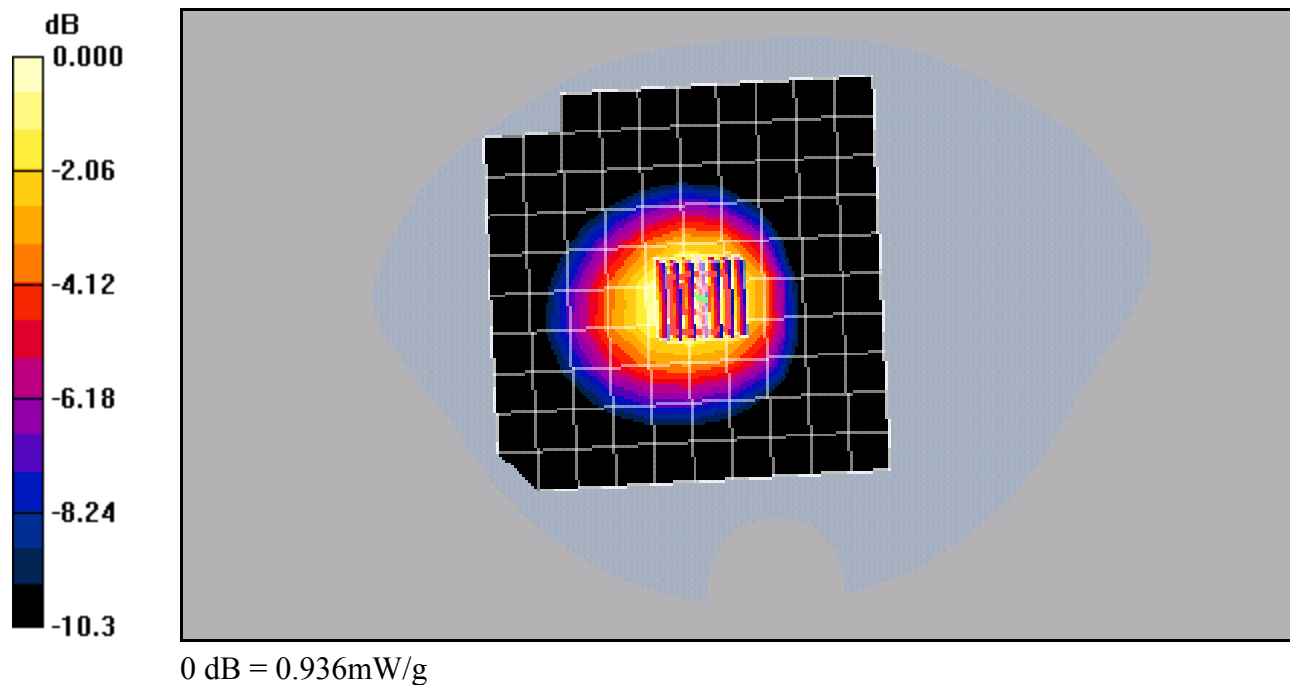
Reference Value = 22.1 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.619 mW/g

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

Maximum value of SAR (measured) = 0.936 mW/g



Date/Time: 4/19/2006 11:37:00 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch777 Flat,Phone Open with 15mm Air Space & 900mAh Battery

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

Medium: M900,Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

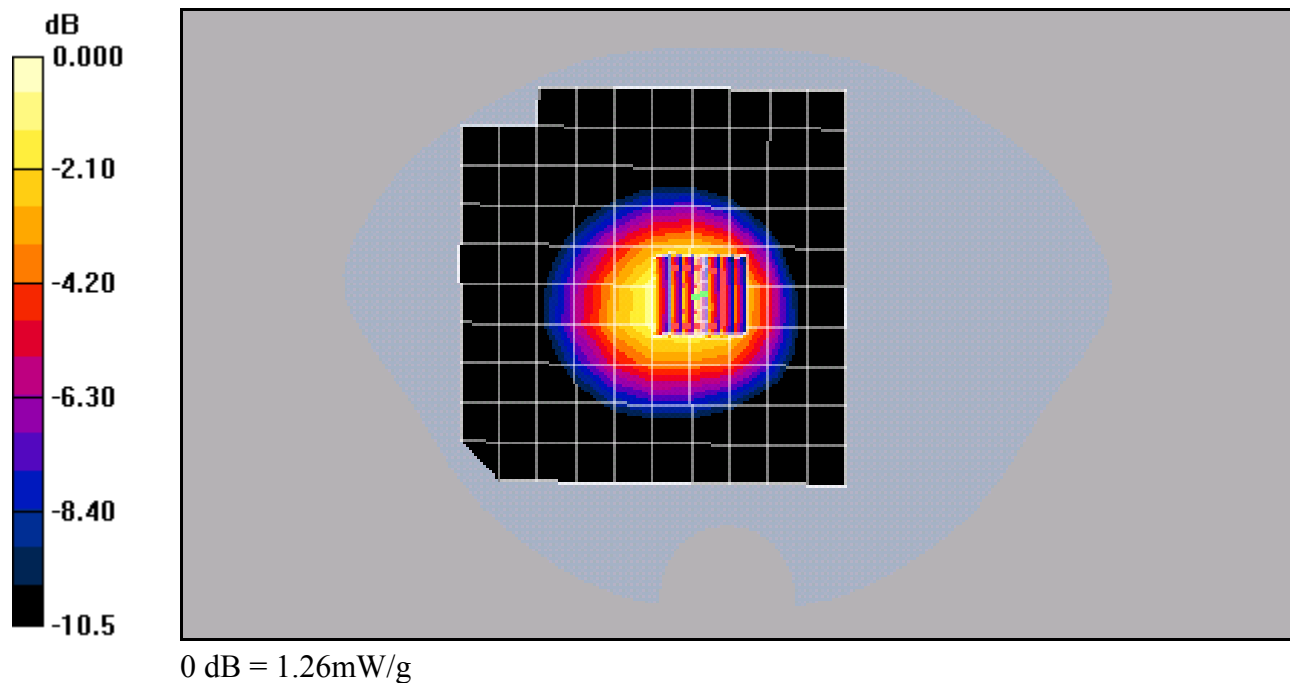
Reference Value = 31.6 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.824 mW/g

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

Maximum value of SAR (measured) = 1.26 mW/g



Date/Time: 4/19/2006 1:04:18 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch777 Flat, Phone Closed with Holster & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

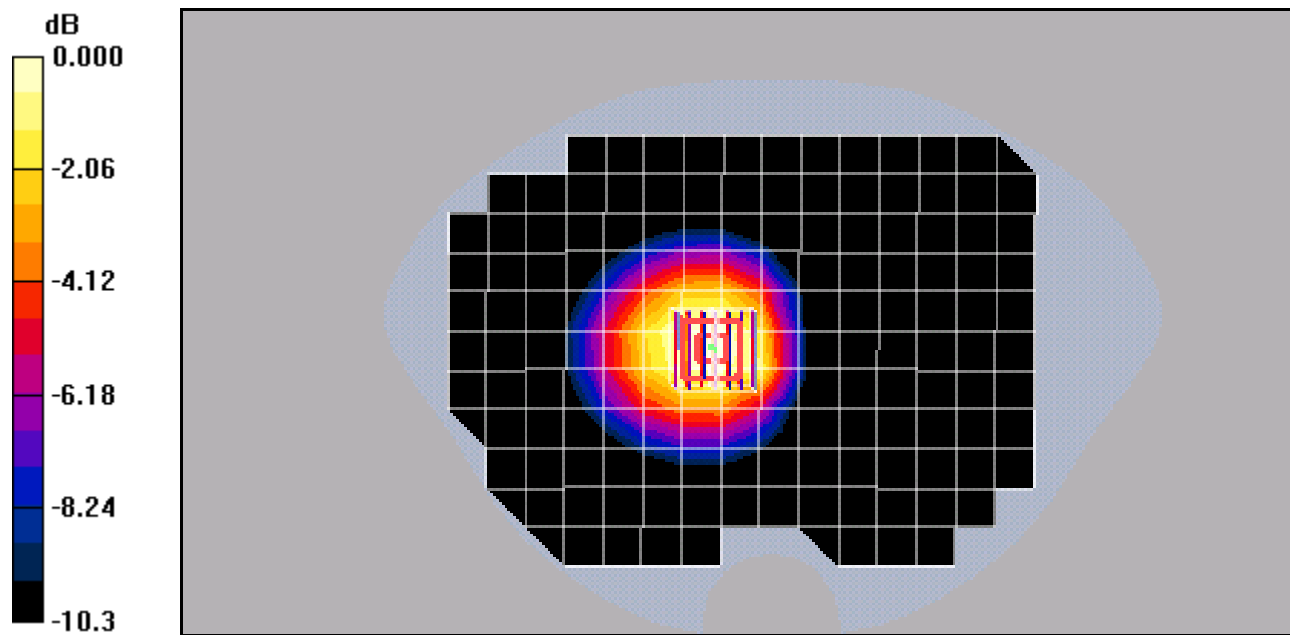
Reference Value = 31.7 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.940 mW/g

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

Maximum value of SAR (measured) = 1.42 mW/g



0 dB = 1.42mW/g

Date/Time: 4/19/2006 3:14:46 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch777 Flat, Phone Open with Holster & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

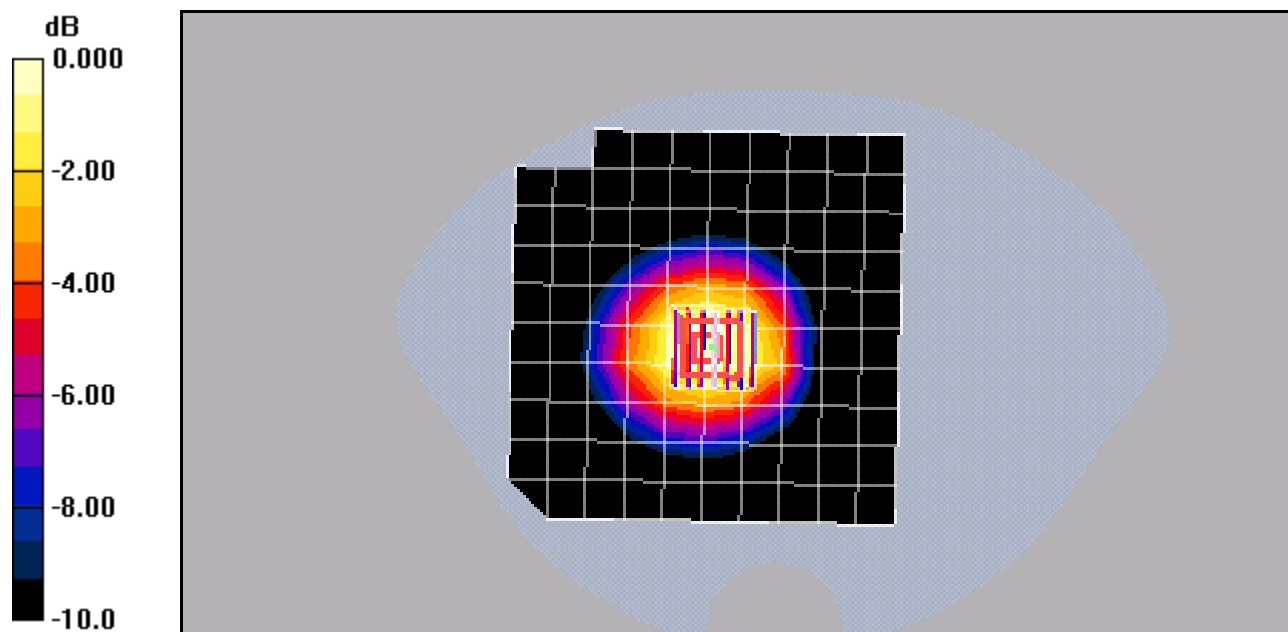
Reference Value = 28.8 V/m; Power Drift = -0.215 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.945 mW/g

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

Maximum value of SAR (measured) = 1.44 mW/g



0 dB = 1.44mW/g

Date/Time: 4/4/2006 11:03:32 AM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch383 Flat, Phone Closed with Standard Leather Case & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

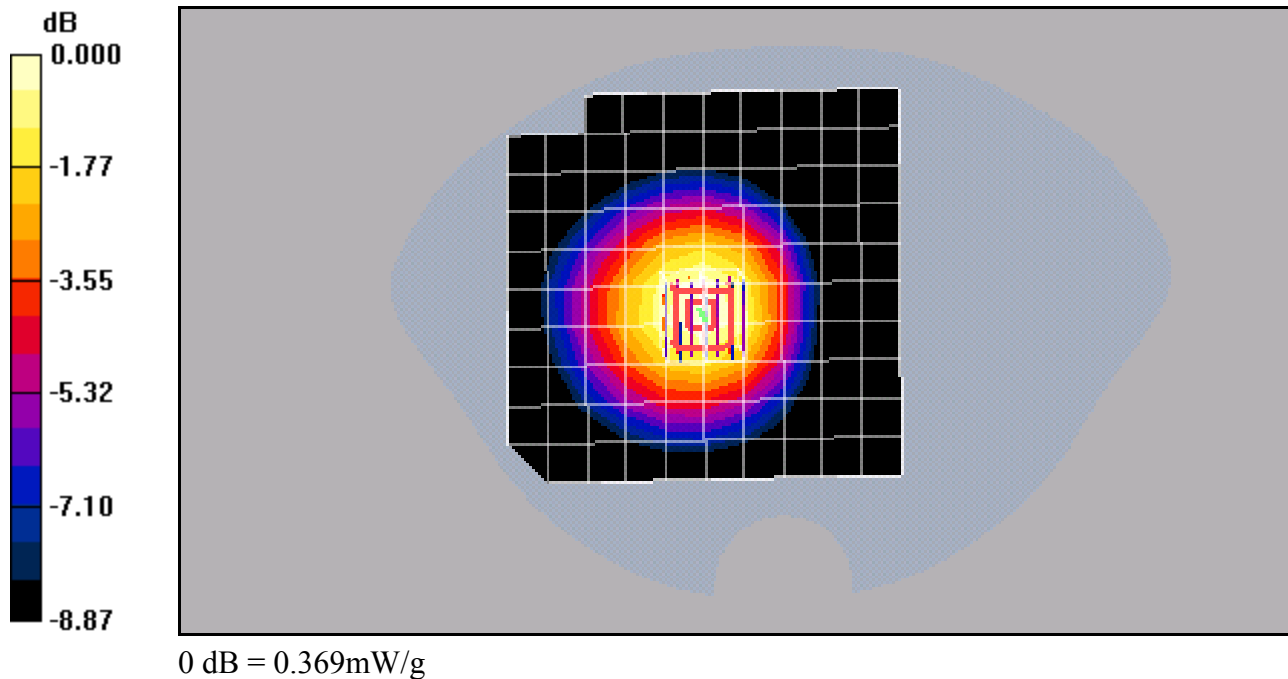
Reference Value = 13.5 V/m; Power Drift = -0.232 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.256 mW/g

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

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



Date/Time: 4/4/2006 10:21:54 AM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch383 Flat,Phone Open with Standard Leather Case & 900mAh Battery

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

Medium: M900,Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

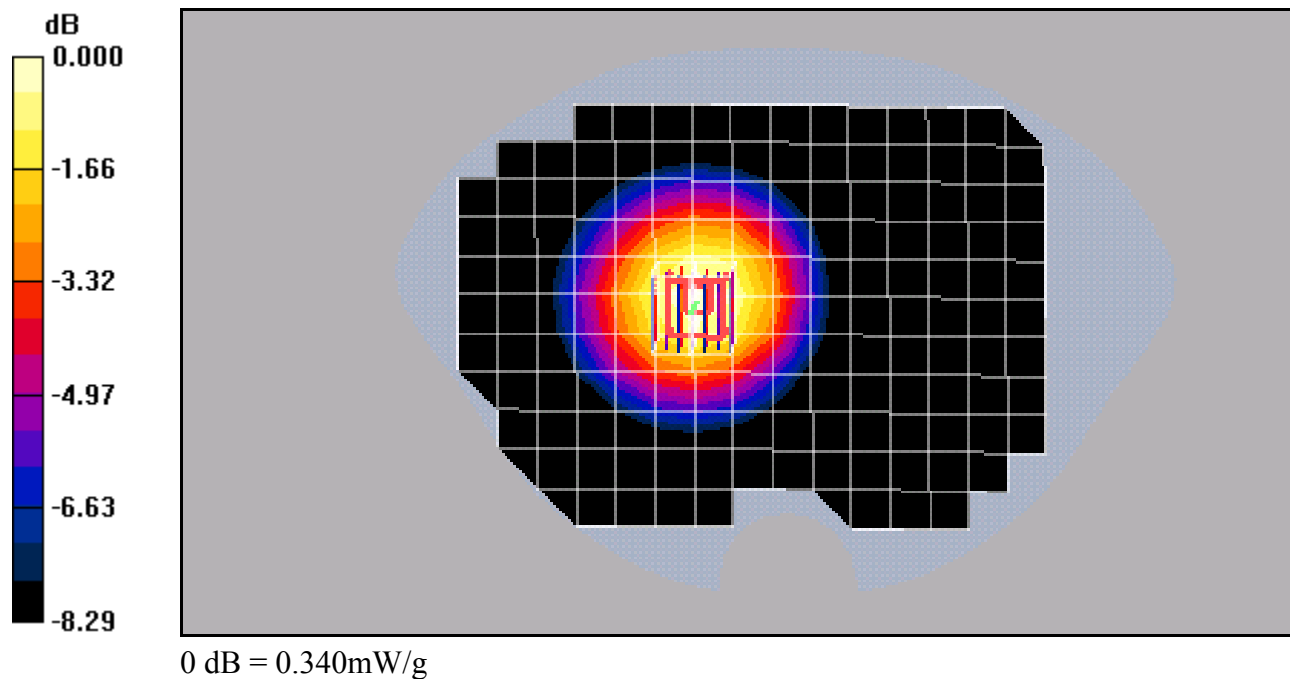
Reference Value = 12.6 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.236 mW/g

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

Maximum value of SAR (measured) = 0.340 mW/g



Date/Time: 4/4/2006 11:36:44 AM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch383 Flat, Phone Closed with Premium Leather Case & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

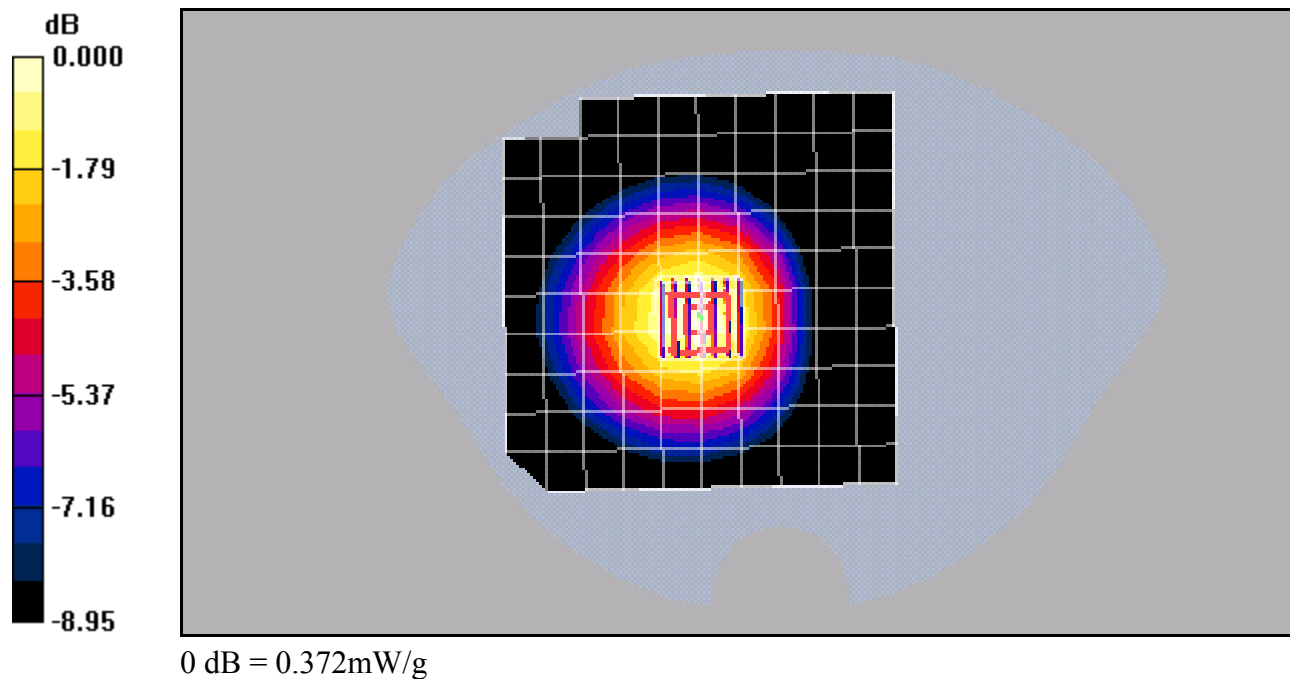
Reference Value = 13.3 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.256 mW/g

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

Maximum value of SAR (measured) = 0.372 mW/g



Date/Time: 4/4/2006 12:11:20 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-800 ch383 Flat, Phone Open with Premium Leather Case & 900mAh Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(5.85, 5.85, 5.85), 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-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

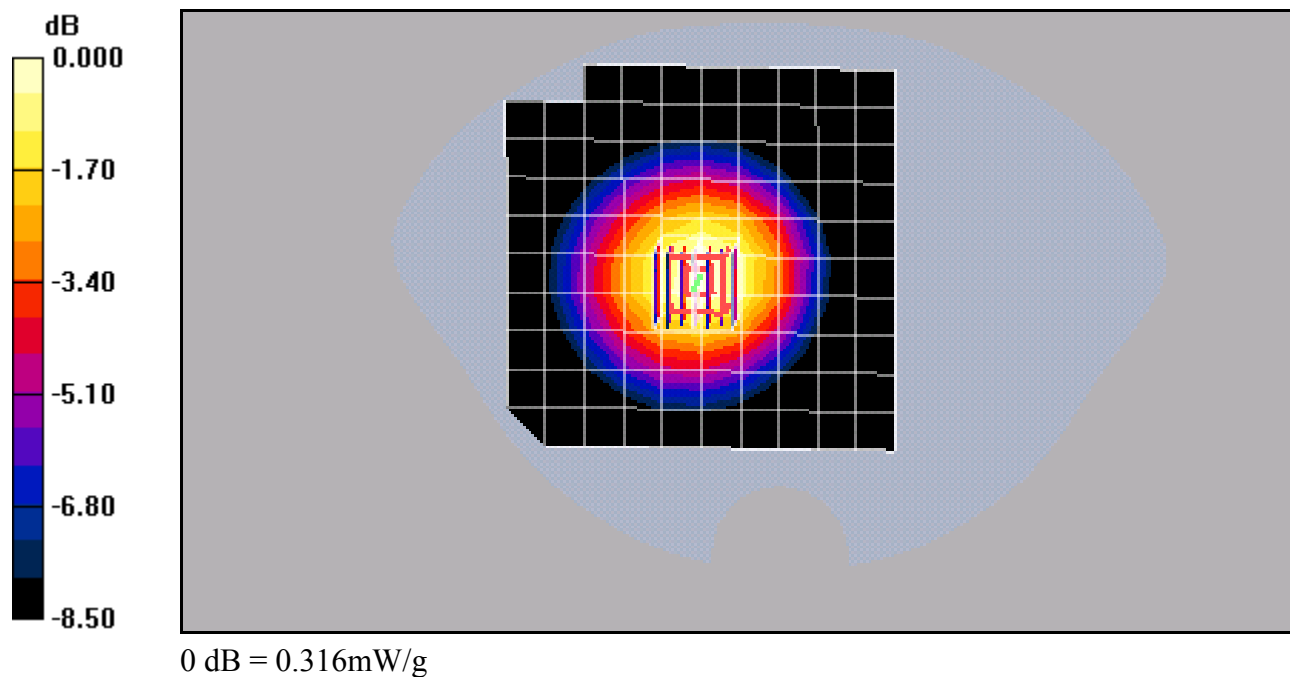
Reference Value = 13.1 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.219 mW/g

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

Maximum value of SAR (measured) = 0.316 mW/g



Date/Time: 4/26/2006 9:20:58 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat, Phone Closed with 15mm Air Space & 900mAh Battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ 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

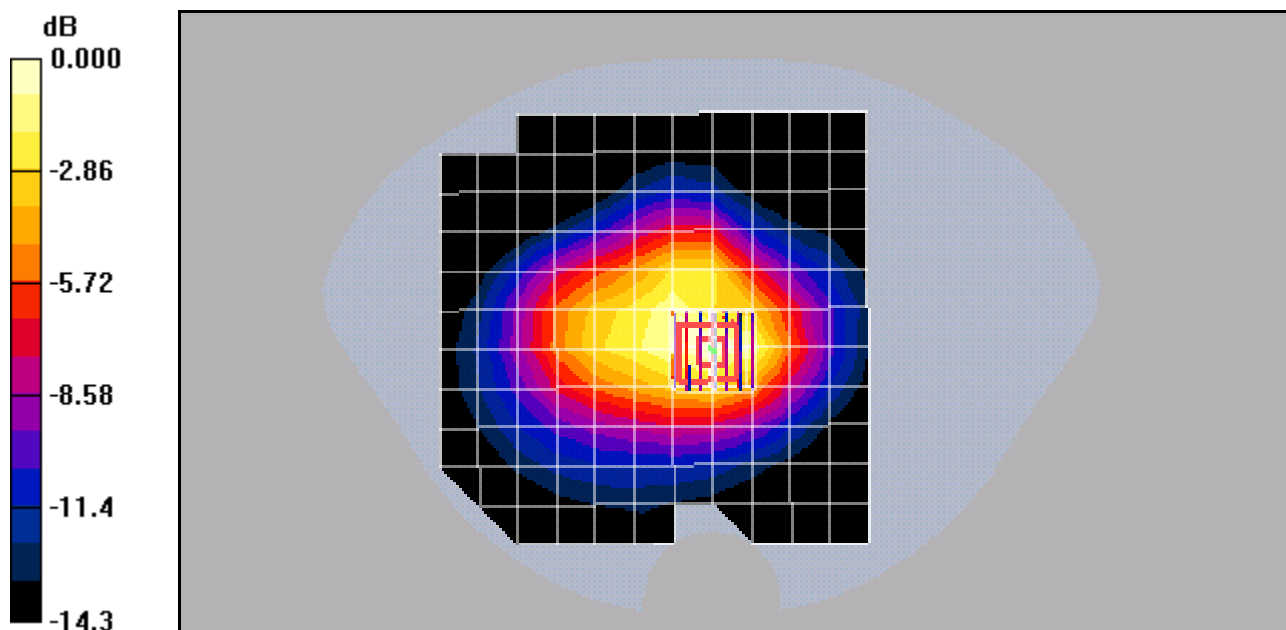
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.393 mW/g



0 dB = 0.393mW/g

Date/Time: 4/22/2006 4:37:11 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat,Phone Open with 15mm Air Space & Extended Battery

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

Medium: M1800,Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ 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

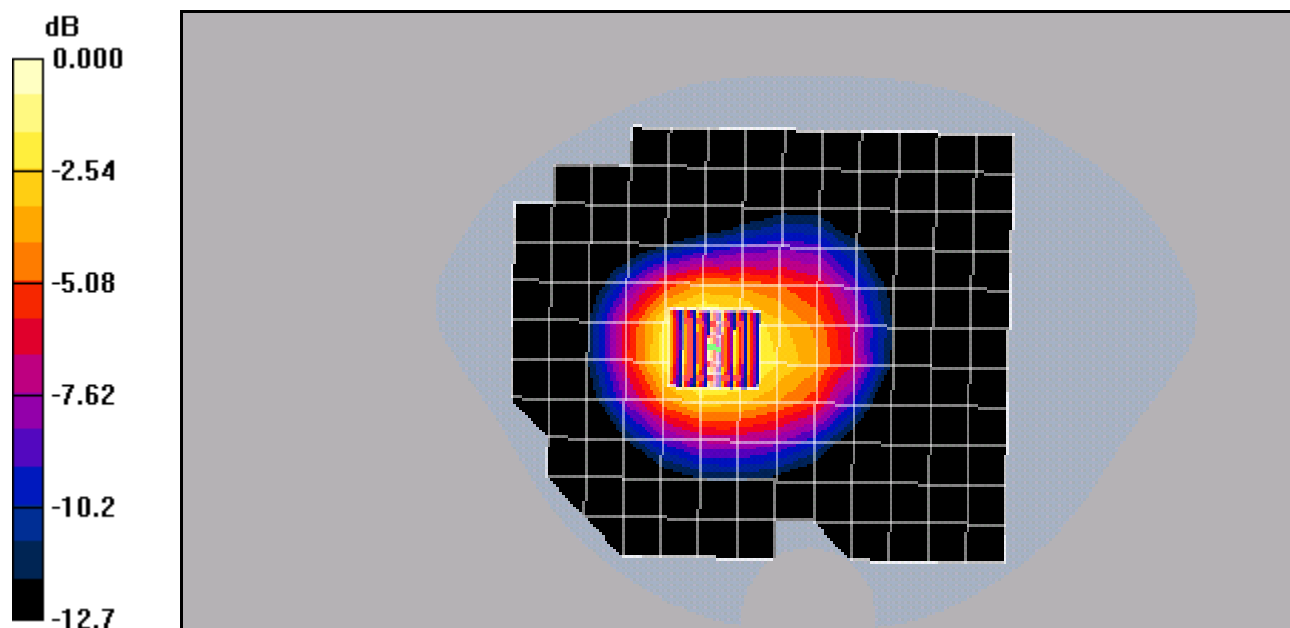
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



0 dB = 0.389mW/g

Date/Time: 4/26/2006 9:50:50 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat, Phone Closed with Holster & 900 Battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ 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

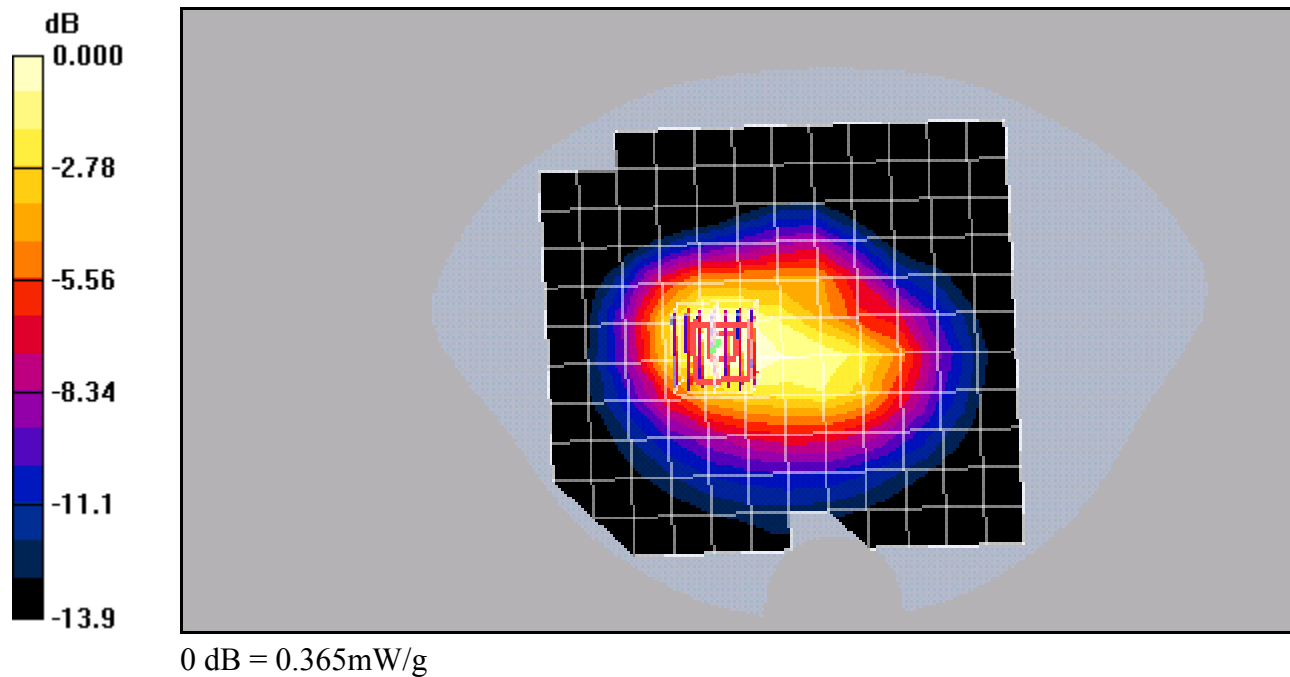
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.365 mW/g



Date/Time: 4/26/2006 10:33:43 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat, Phone Open with Holster & 900mAh Battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ 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

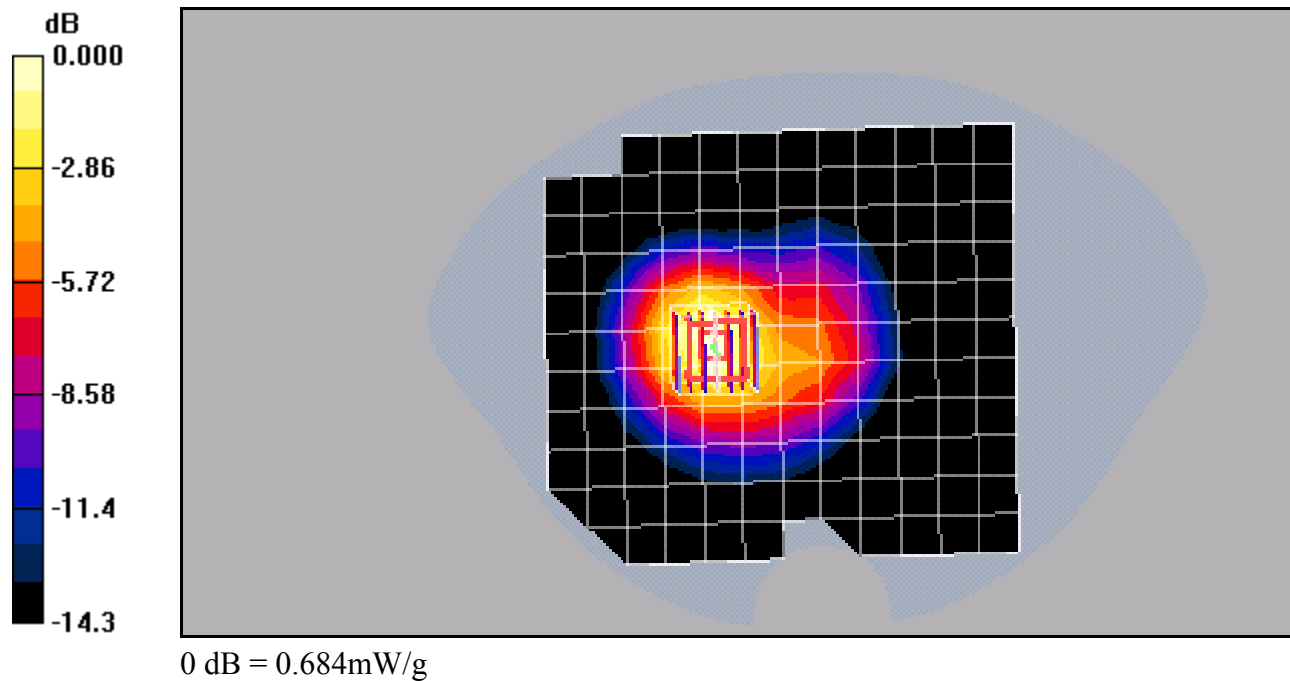
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



Date/Time: 4/5/2006 4:54:58 AM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat,Phone Closed with Standard Leather Case & 900mAh 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; $\epsilon_r = 55.4$; $\rho = 1000$ 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

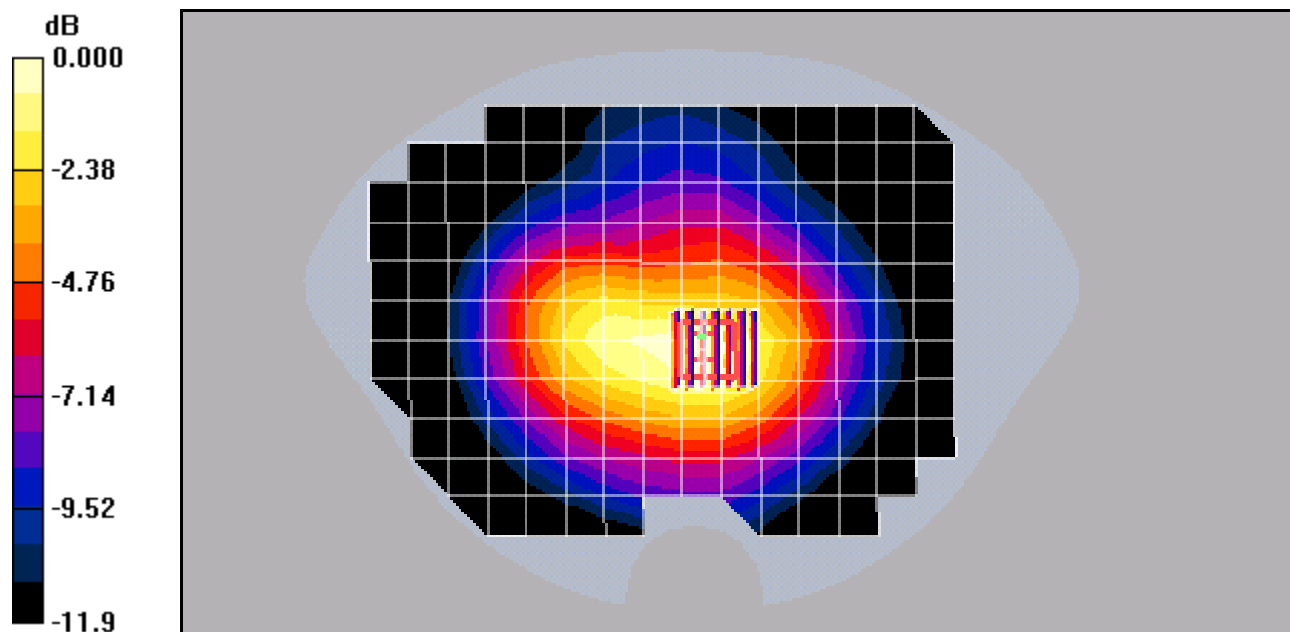
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.77 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

Date/Time: 4/22/2006 3:28:35 PM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat, Phone Open with Standard Leather Case & Extended Battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ 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

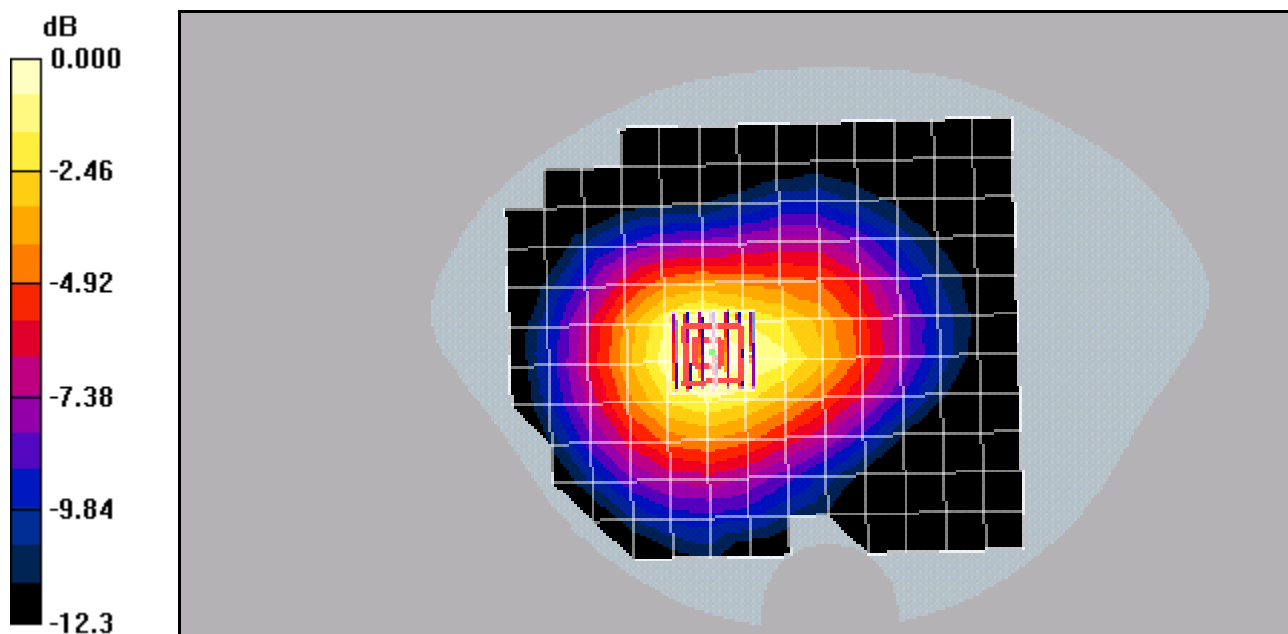
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.152mW/g

Date/Time: 4/5/2006 2:37:08 AM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat, Phone Closed with Premium Leather Case & 900mAh 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; $\epsilon_r = 55.4$; $\rho = 1000$ 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

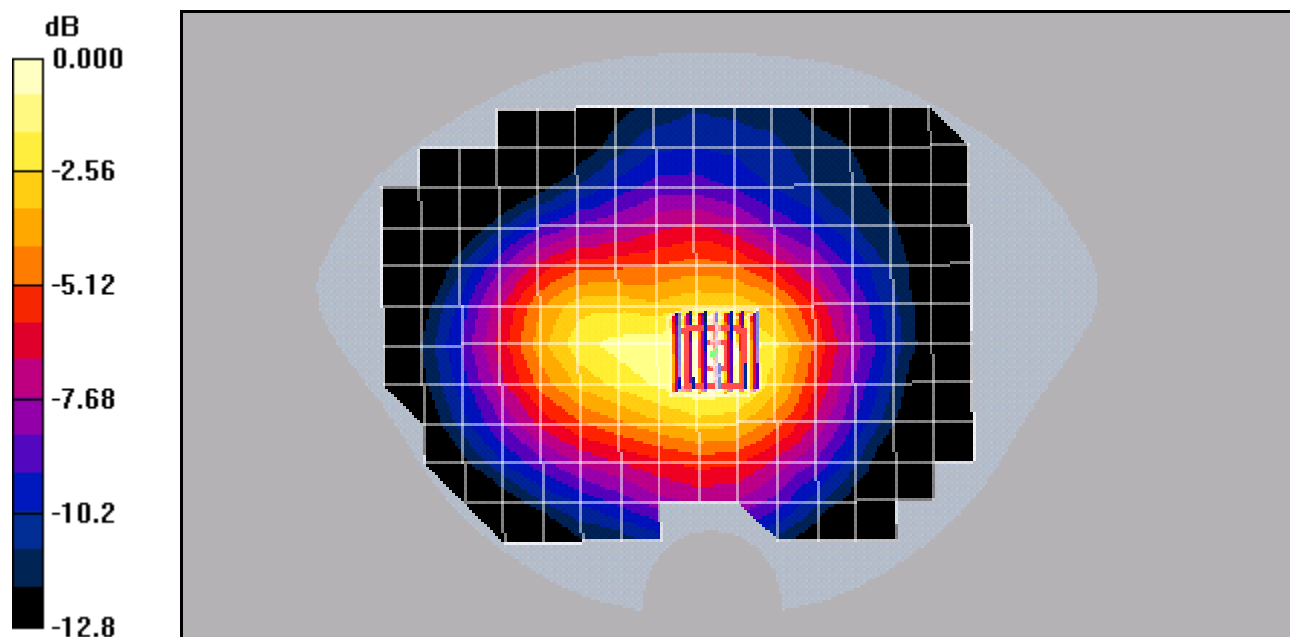
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.63 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.117mW/g

Date/Time: 4/5/2006 3:19:57 AM

Test Laboratory: Kyocera

K322 #2180 CDMA-1900 ch600 Flat,Phone Open with Premium Leather Case & 900mAh 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; $\epsilon_r = 55.4$; $\rho = 1000$ 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

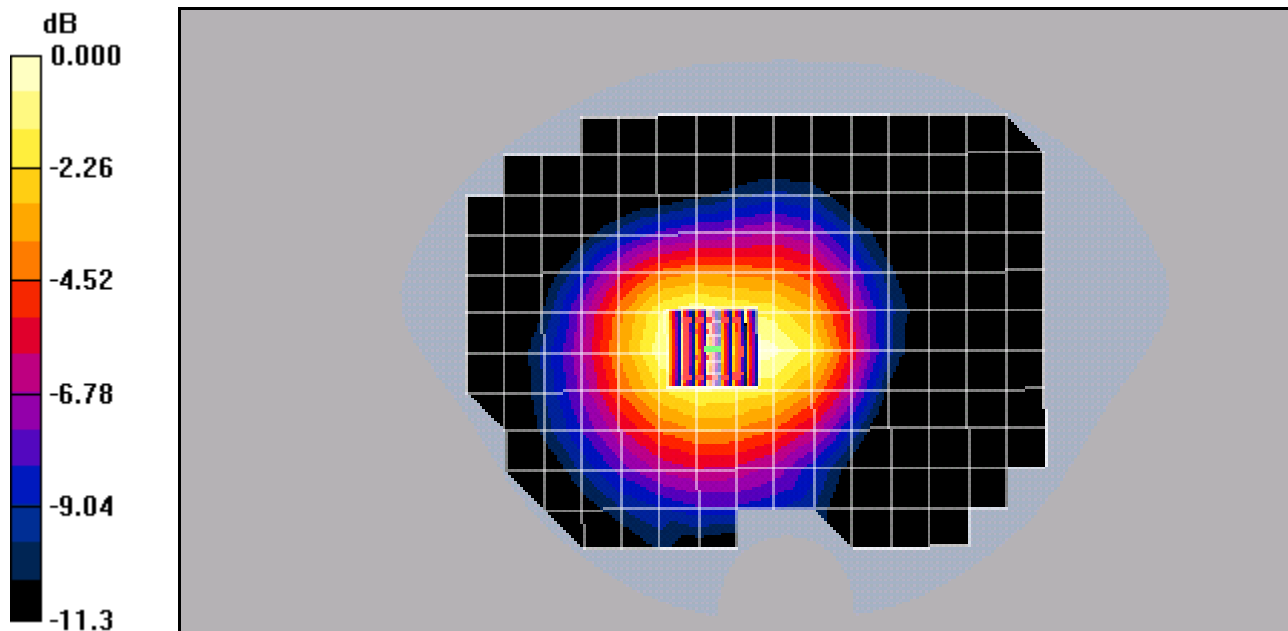
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.59 V/m; Power Drift = -0.212 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.145mW/g