

Appendix B:

SAR Distribution Plots (Body)

Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch1013 Flat Phone Open with 22.5mm Air Space, S032 RC3 (FCH+SCH)

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(6.41, 6.41, 6.41), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:

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

CDMA-800 FLAT Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

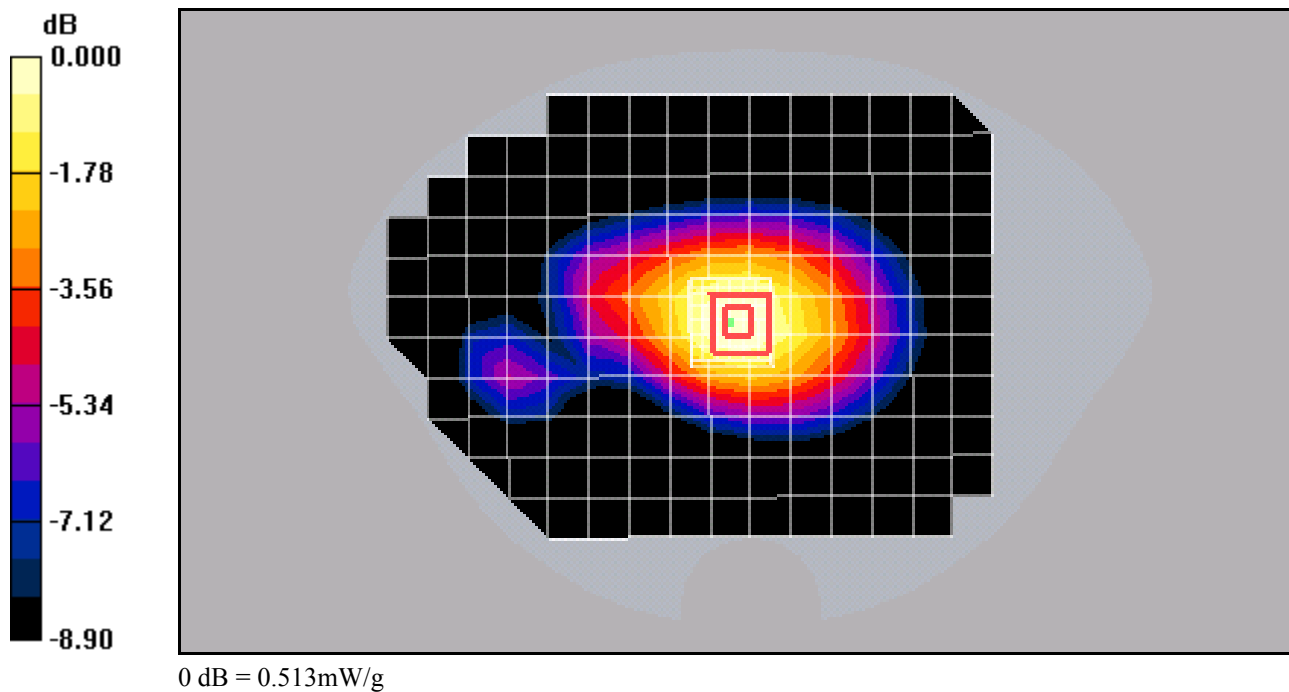
Reference Value = 21.7 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.630 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.348 mW/g

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

Maximum value of SAR (measured) = 0.513 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch383 Flat Phone Closed with 22.5mm Air Space, EvDo Rev.0 (RTAP)

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(6.41, 6.41, 6.41), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

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

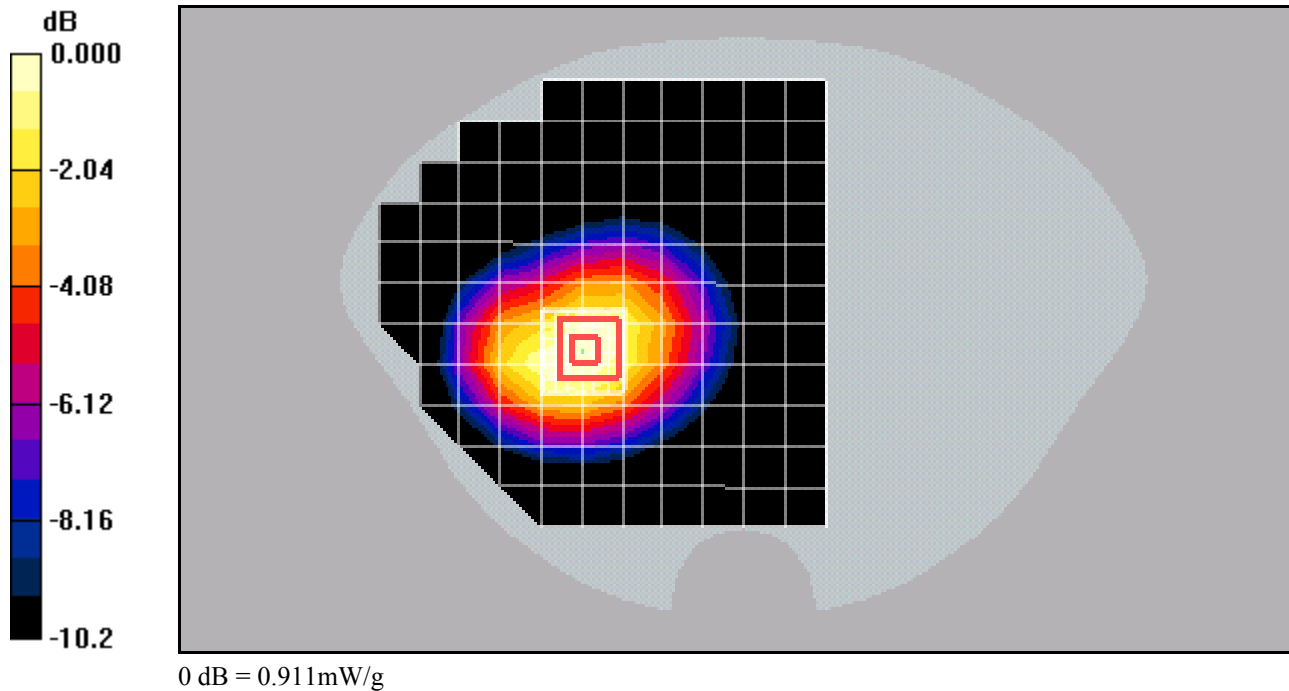
Reference Value = 9.73 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.587 mW/g

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

Maximum value of SAR (measured) = 0.911 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch1013 Flat Phone Open with CV90-R0201X-01, S032 RC3 (FCH+SCH)

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(6.41, 6.41, 6.41), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:

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

CDMA-800 FLAT Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

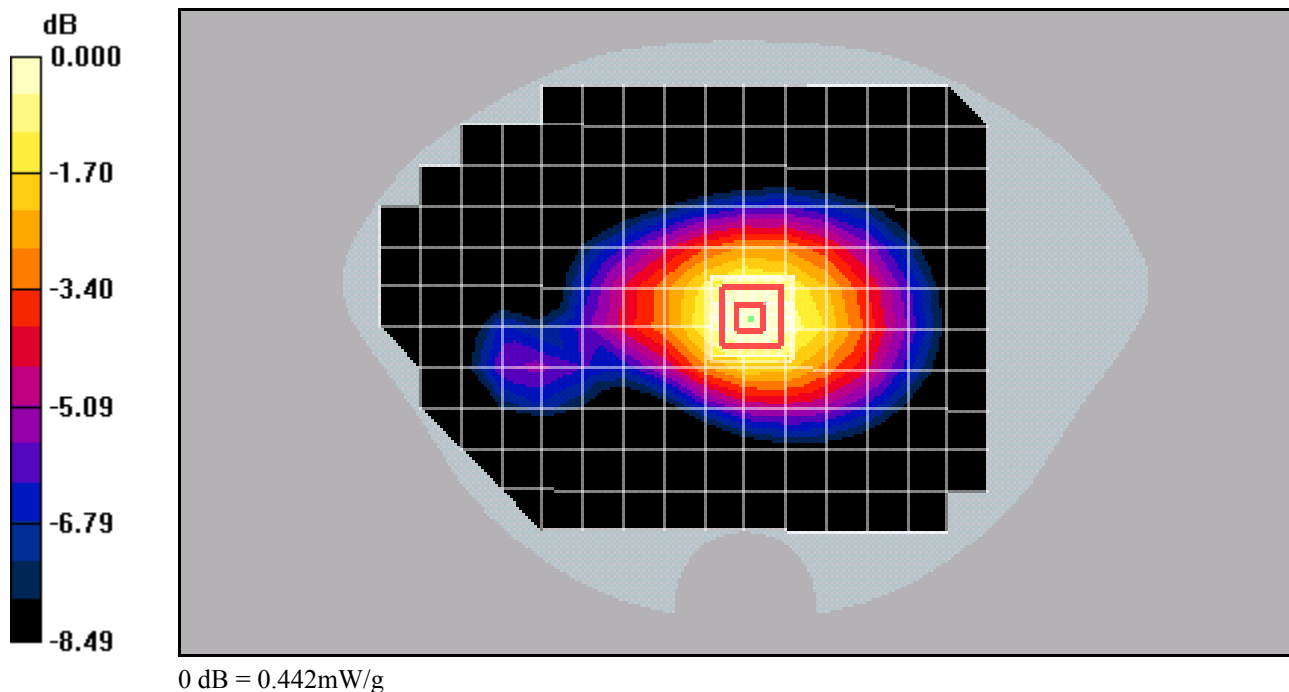
Reference Value = 20.2 V/m; Power Drift = -0.230 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.305 mW/g

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

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



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch383 Flat Phone Closed with CV90-R201X-01, EvDo Rev.0 (RTAP)

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(6.41, 6.41, 6.41), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

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

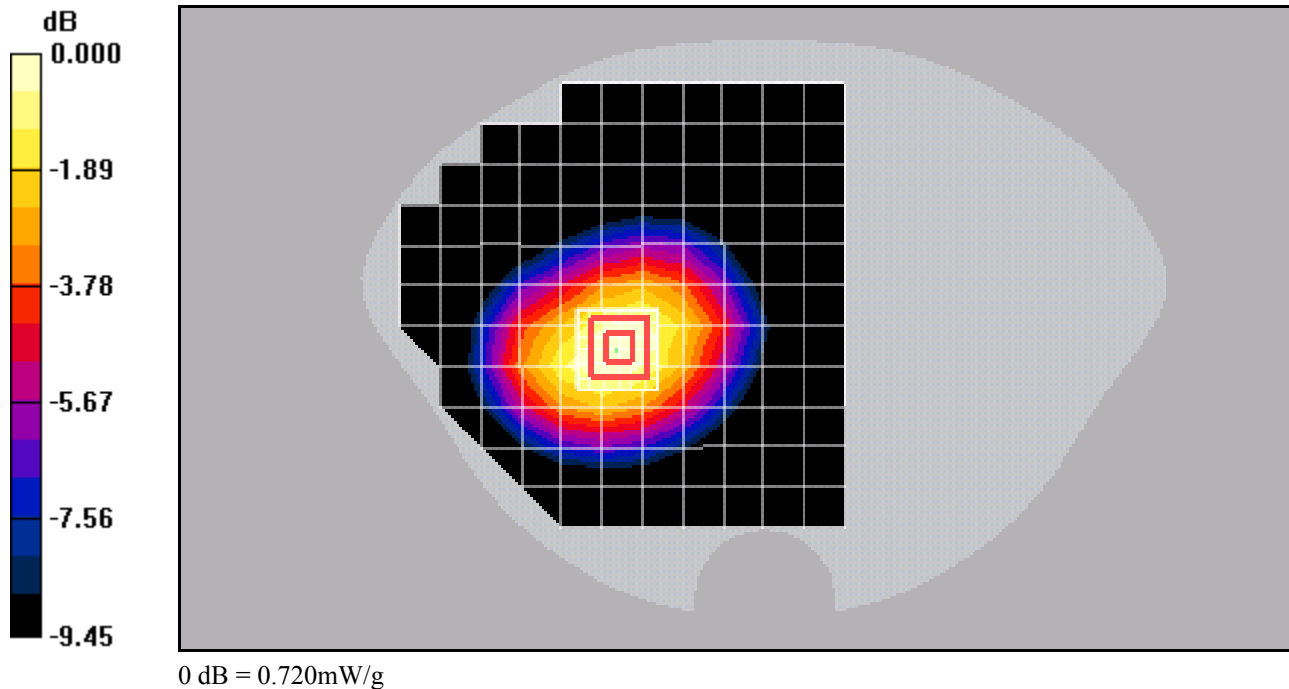
Reference Value = 10.7 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.475 mW/g

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

Maximum value of SAR (measured) = 0.720 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch383 Flat Phone Open with Holster (CV90-R2091-01), EvDo Rev.0 (RTAP)

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(6.41, 6.41, 6.41), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

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 = 21.9 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.460 mW/g

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

Maximum value of SAR (measured) = 0.845 mW/g

CDMA-800 FLAT Ch383/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

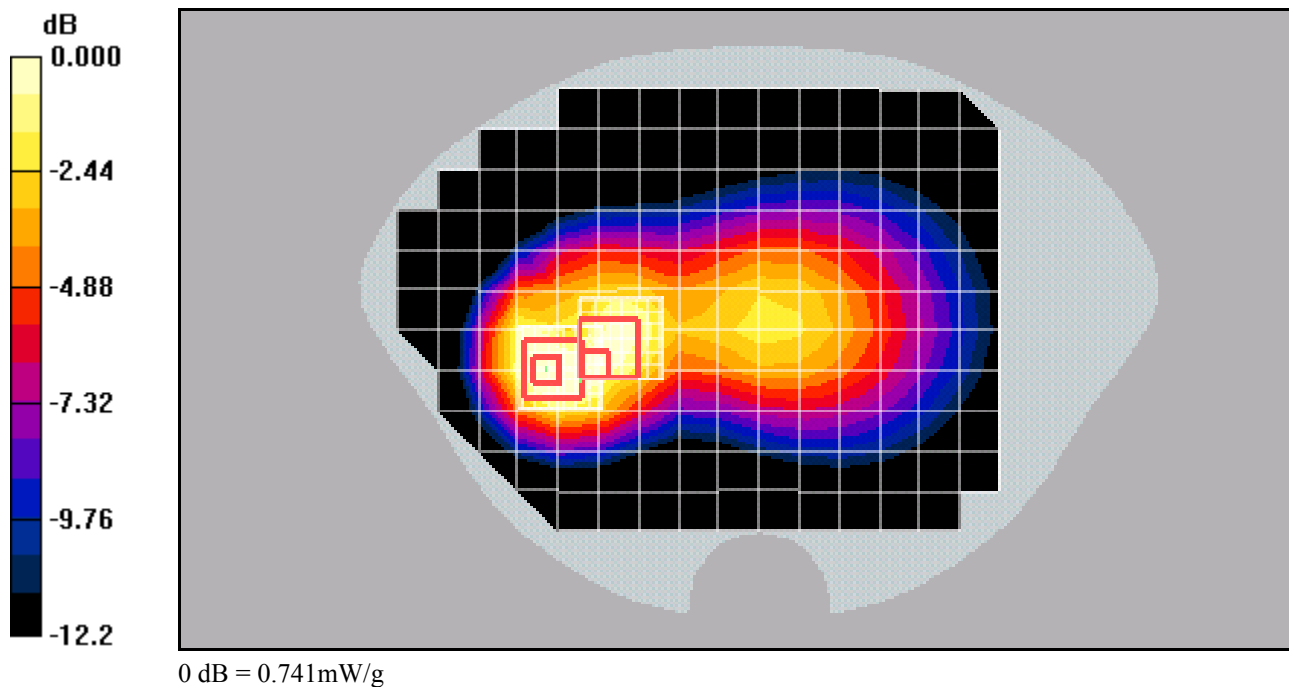
Reference Value = 21.9 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.405 mW/g

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

Maximum value of SAR (measured) = 0.741 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch1013 Flat Phone Closed with Holster (CV90-R2091-01), EvDo Rev.0 (RTAP)

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(6.41, 6.41, 6.41), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:

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

CDMA-800 FLAT Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

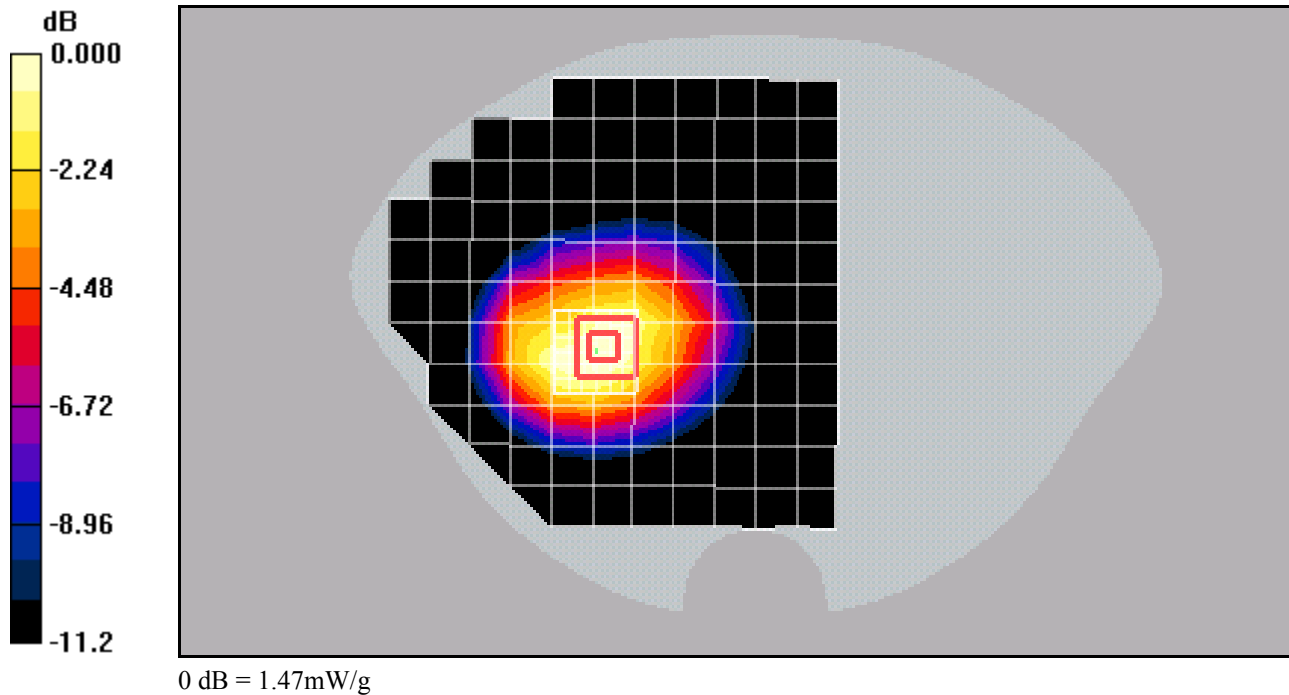
Reference Value = 11.1 V/m; Power Drift = 0.066 dB

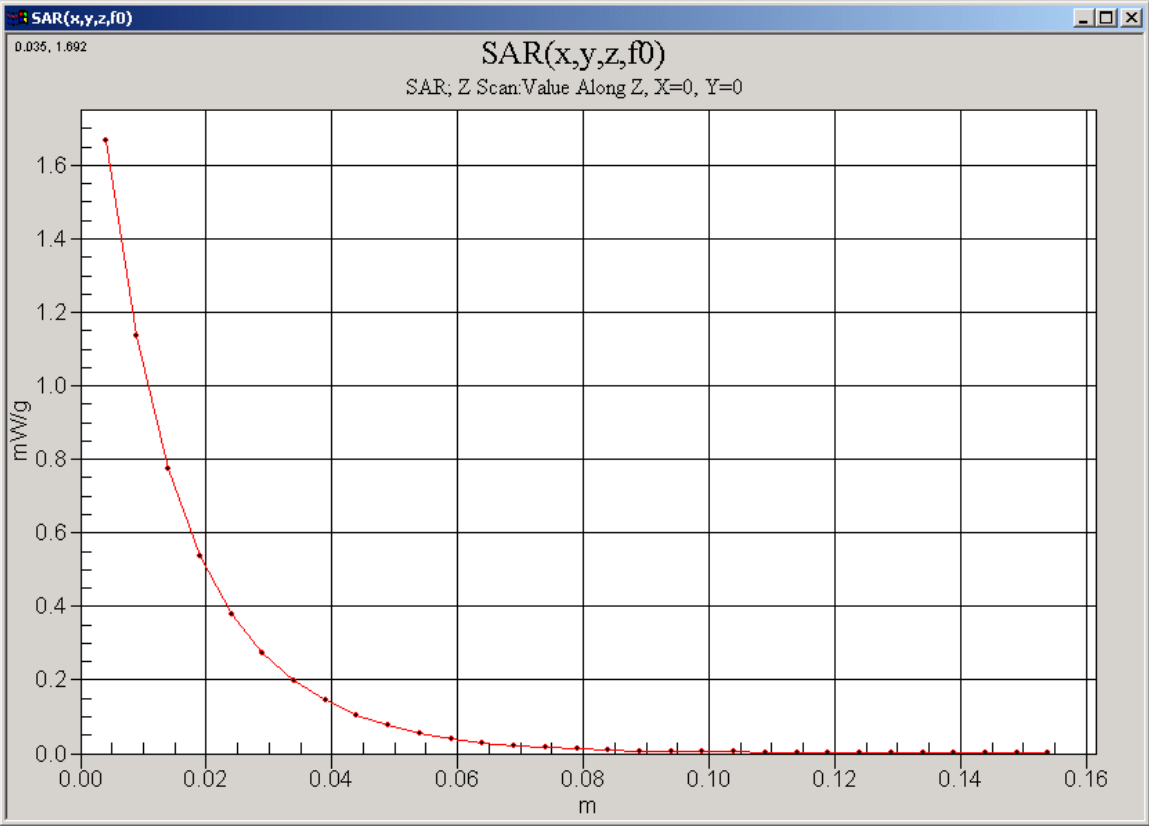
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.913 mW/g

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

Maximum value of SAR (measured) = 1.47 mW/g





Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch25 Flat Phone Open with 22.5mm Air Space, SO55 RC1

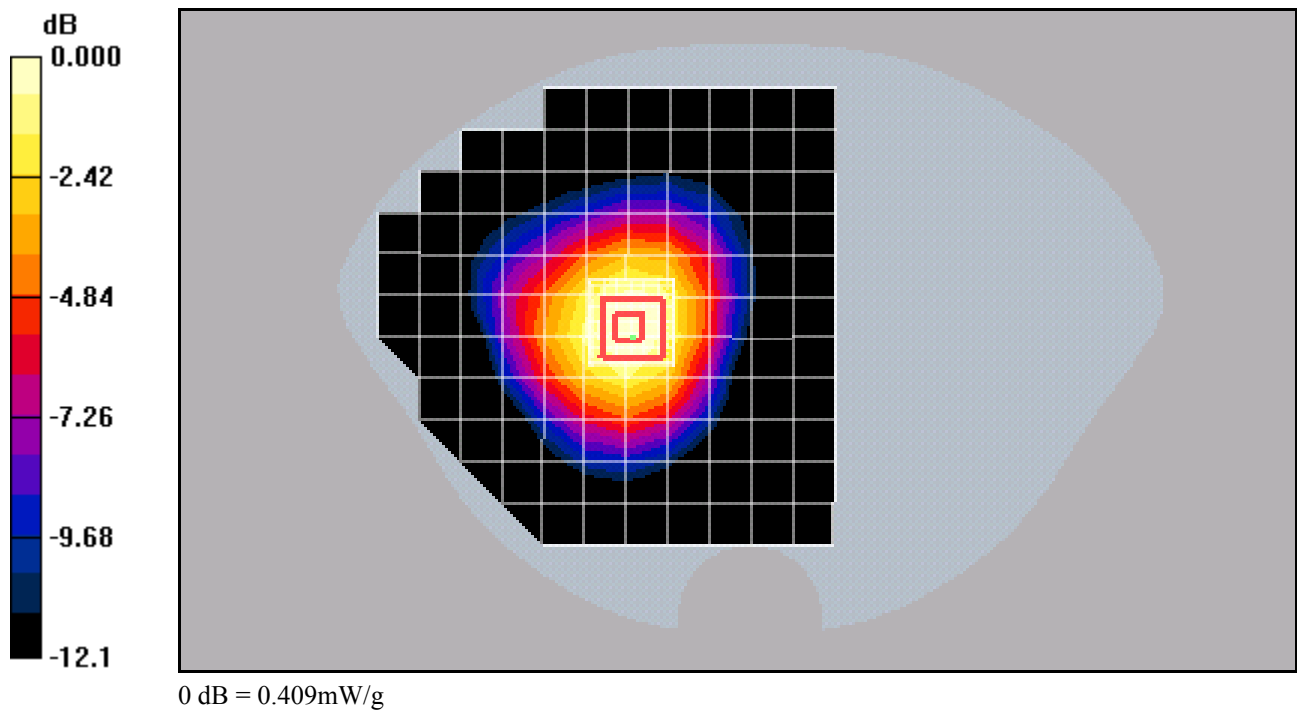
Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: M1800,Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.48 mho/m; ϵ_r = 53.4; ρ = 1000 kg/m³
Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.53, 4.53, 4.53), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

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

CDMA-1900 FLAT Ch25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.36 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.256 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.409 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch25 Flat Phone Closed with 22.5mm Air Space, SO32 RC3 FCH+SCH

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(4.53, 4.53, 4.53), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:

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

CDMA-1900 FLAT Ch25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.56 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.142 mW/g

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

Maximum value of SAR (measured) = 0.225 mW/g

CDMA-1900 FLAT Ch25/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

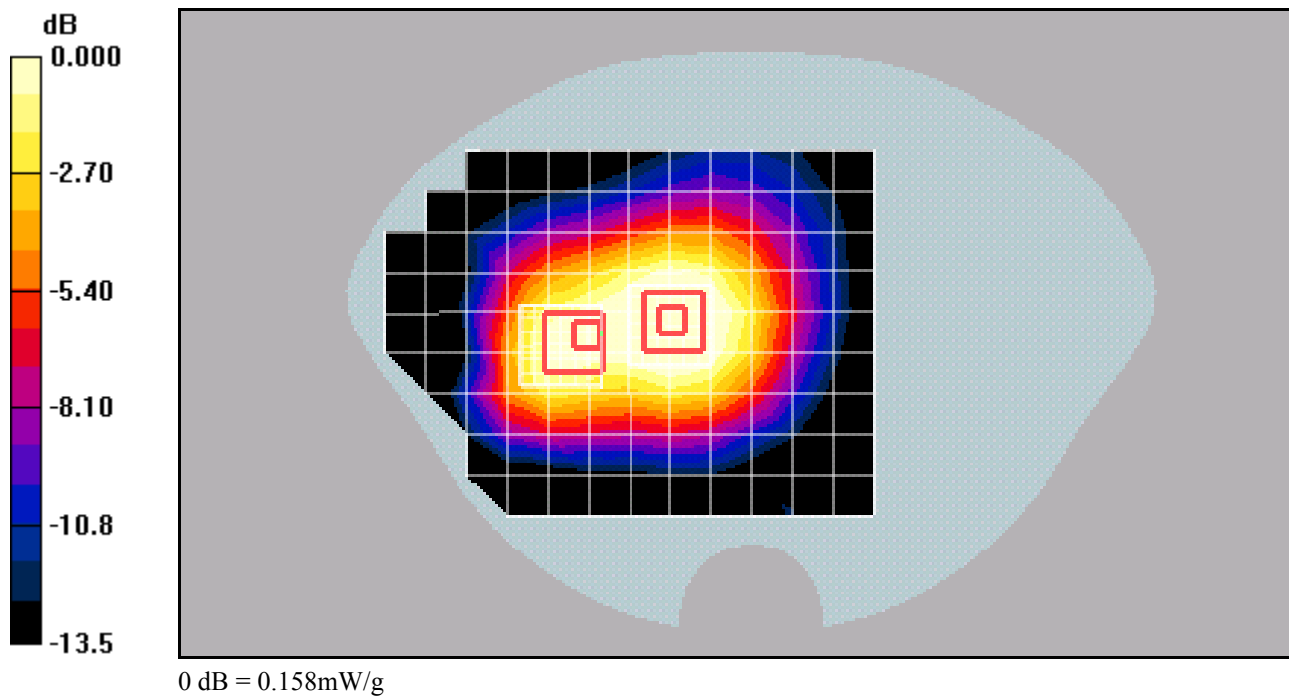
Reference Value = 8.56 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.096 mW/g

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

Maximum value of SAR (measured) = 0.158 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Flat Phone Open with CV90-201X-01, SO32 RC3 FCH+SCH

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(4.53, 4.53, 4.53), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:

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

CDMA-1900 FLAT Ch25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

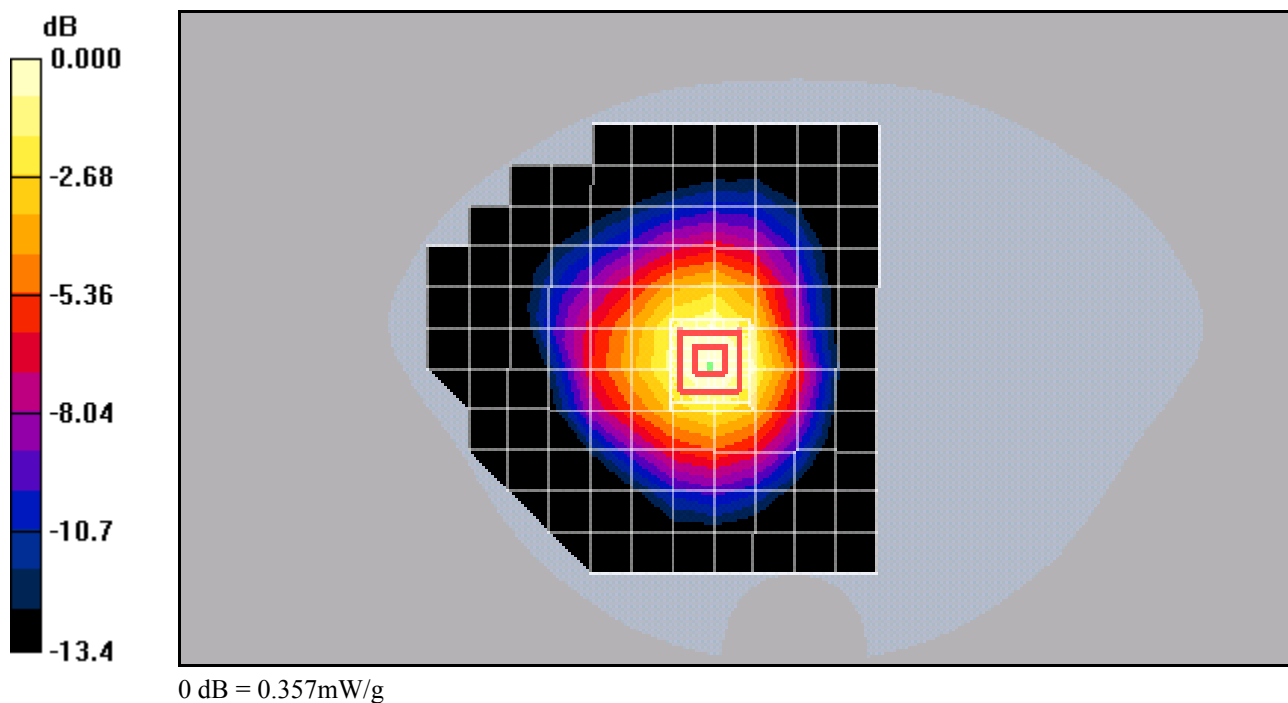
Reference Value = 8.54 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.216 mW/g

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

Maximum value of SAR (measured) = 0.357 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 Ch25 CDMA-1900 Flat Phone Open with Holster, SO55 RC1

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(4.53, 4.53, 4.53), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:

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

CDMA-1900 FLAT Ch25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

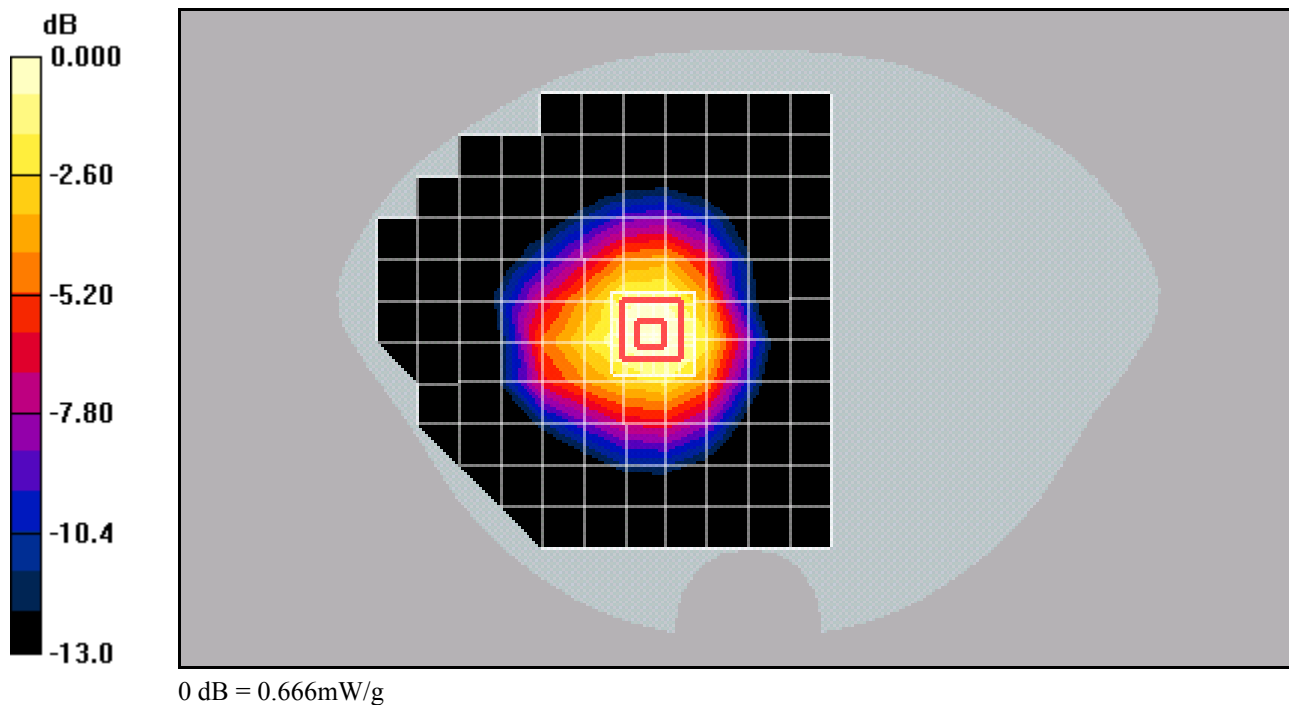
Reference Value = 8.43 V/m; Power Drift = -0.118 dB

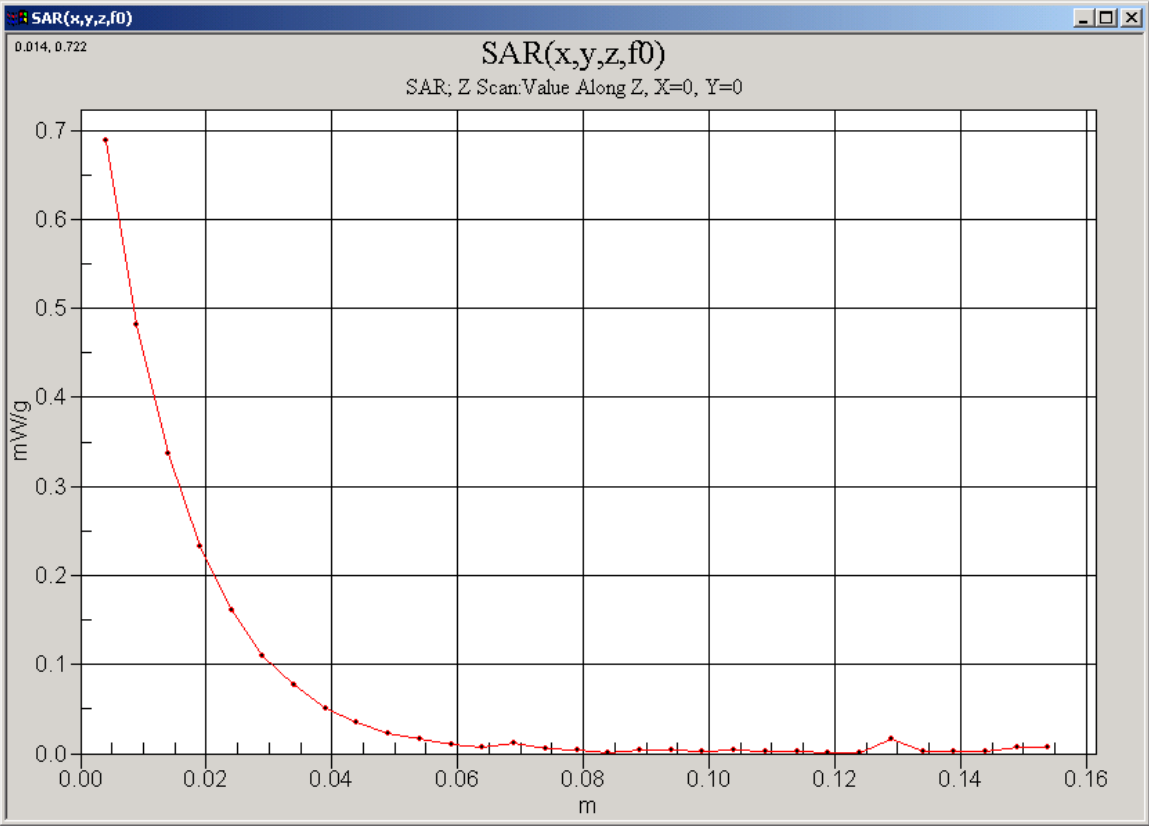
Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.415 mW/g

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

Maximum value of SAR (measured) = 0.666 mW/g





Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch25 Flat Phone Closed with Holster, SO32 RC3 FCH+SCH

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1714, ConvF(4.53, 4.53, 4.53), Calibrated: 8/30/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:

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

CDMA-1900 FLAT Ch25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.270 mW/g

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

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

