

Appendix B2:
SAR Distribution Plots (Body)

Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-800 Ch383 Flat Phone Open with 15mm Air Space and SO32 RC3 (FCH)

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

Medium: M900,Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.951$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.6, 6.6, 6.6), Calibrated: 9/19/2007

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

Electronics: DAE4 Sn527,Calibrated: 9/14/2007

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

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

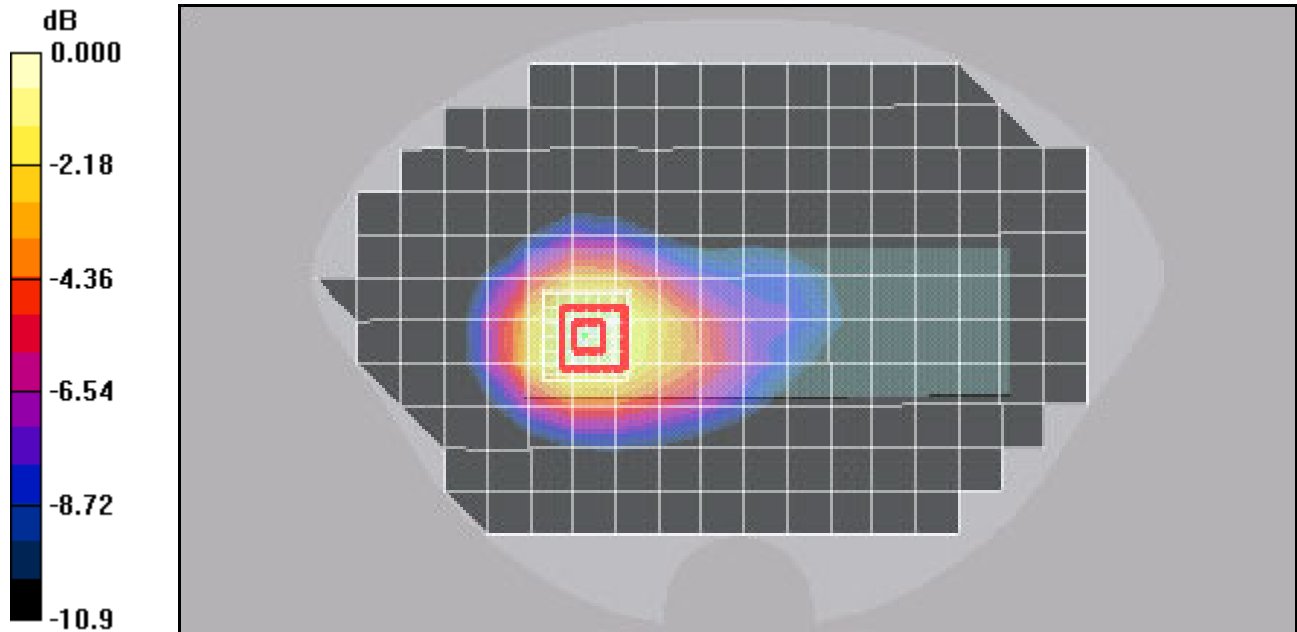
Reference Value = 18.0 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.74 W/kg

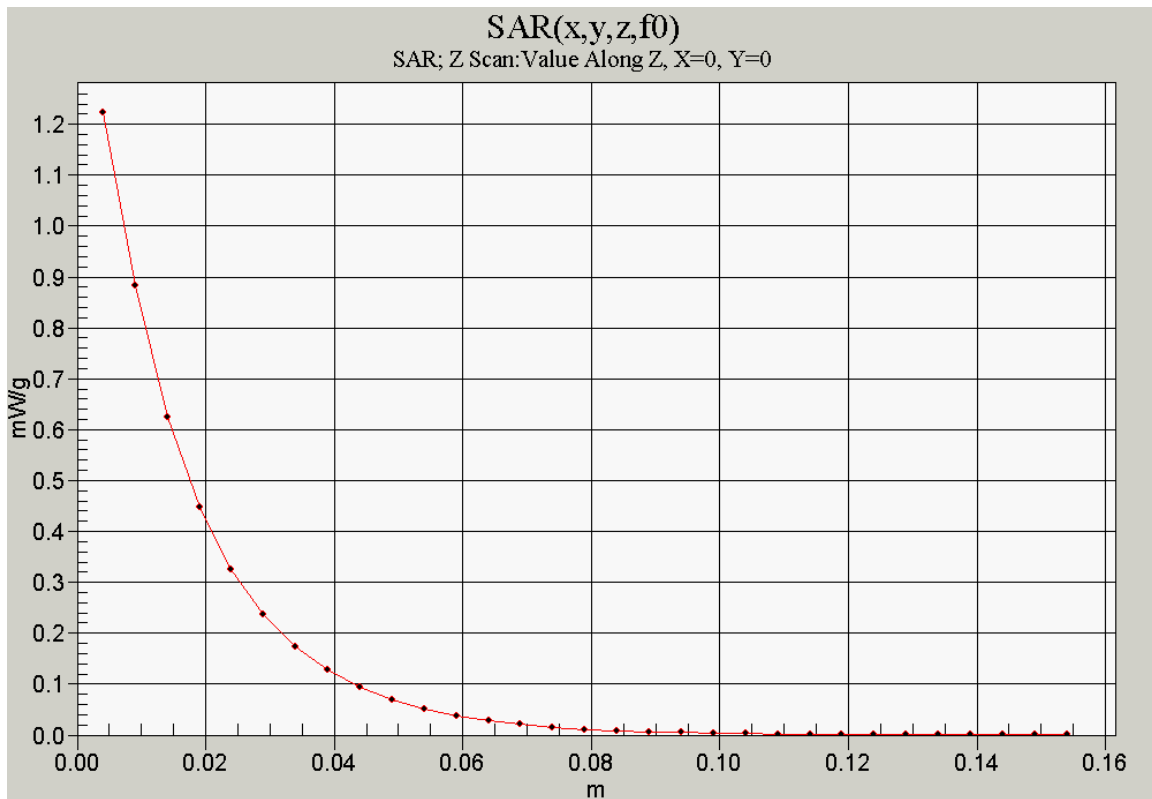
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.868 mW/g

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

Maximum value of SAR (measured) = 1.39 mW/g



0 dB = 1.39mW/g



Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-800 Ch383 Flat Phone Closed with Leather Case and SO32 RC3 (FCH)

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

Medium: M900,Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.6, 6.6, 6.6), Calibrated: 9/19/2007

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

Electronics: DAE4 Sn527,Calibrated: 9/14/2007

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

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

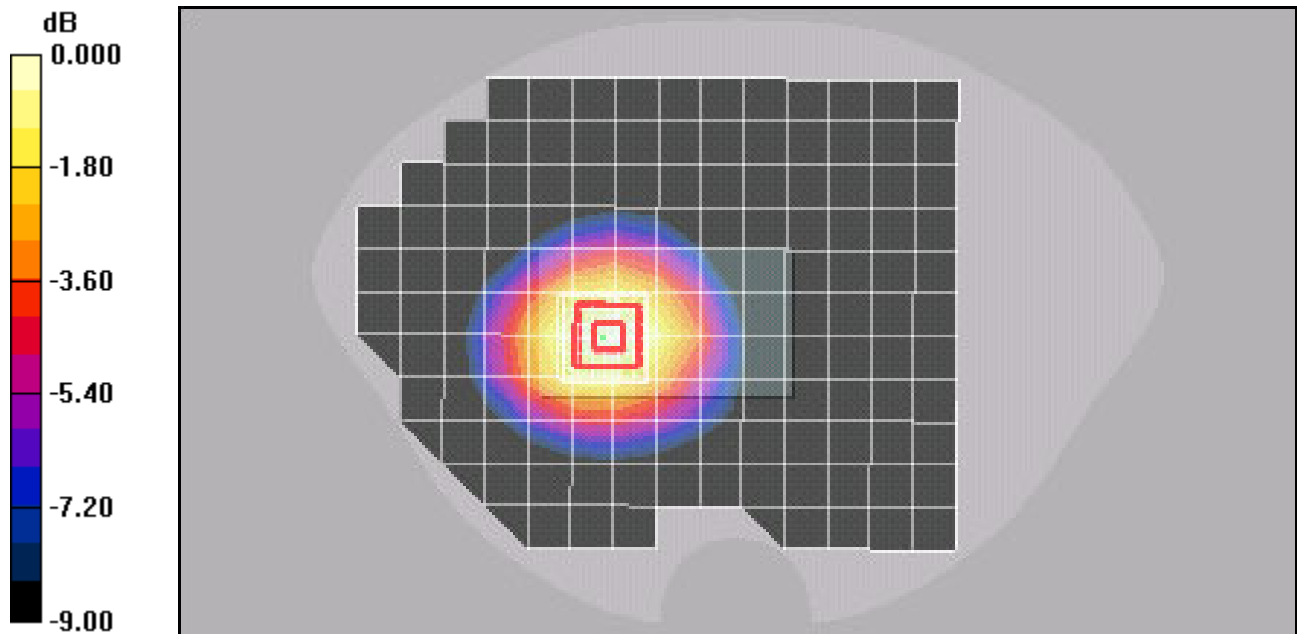
Reference Value = 11.6 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.372 mW/g

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

Maximum value of SAR (measured) = 0.556 mW/g



0 dB = 0.556mW/g

Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-1700 Ch875 Flat Phone Open with 15mm Air Space and SO55 RC1

Communication System: AWS 1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: M1700, Medium parameters used: $f = 1753.75$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.02, 5.02, 5.02), Calibrated: 9/19/2007

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

Electronics: DAE4 Sn527, Calibrated: 9/14/2007

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

Temperature:

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

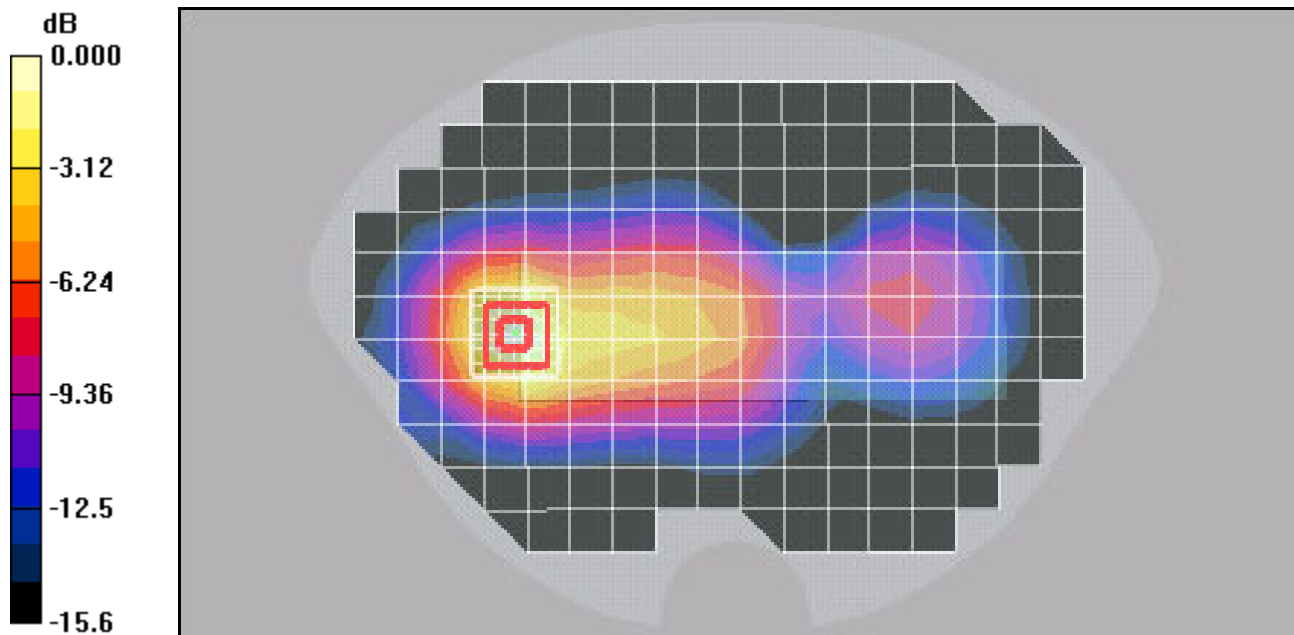
CDMA-1700 FLAT Ch875/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.066 dB

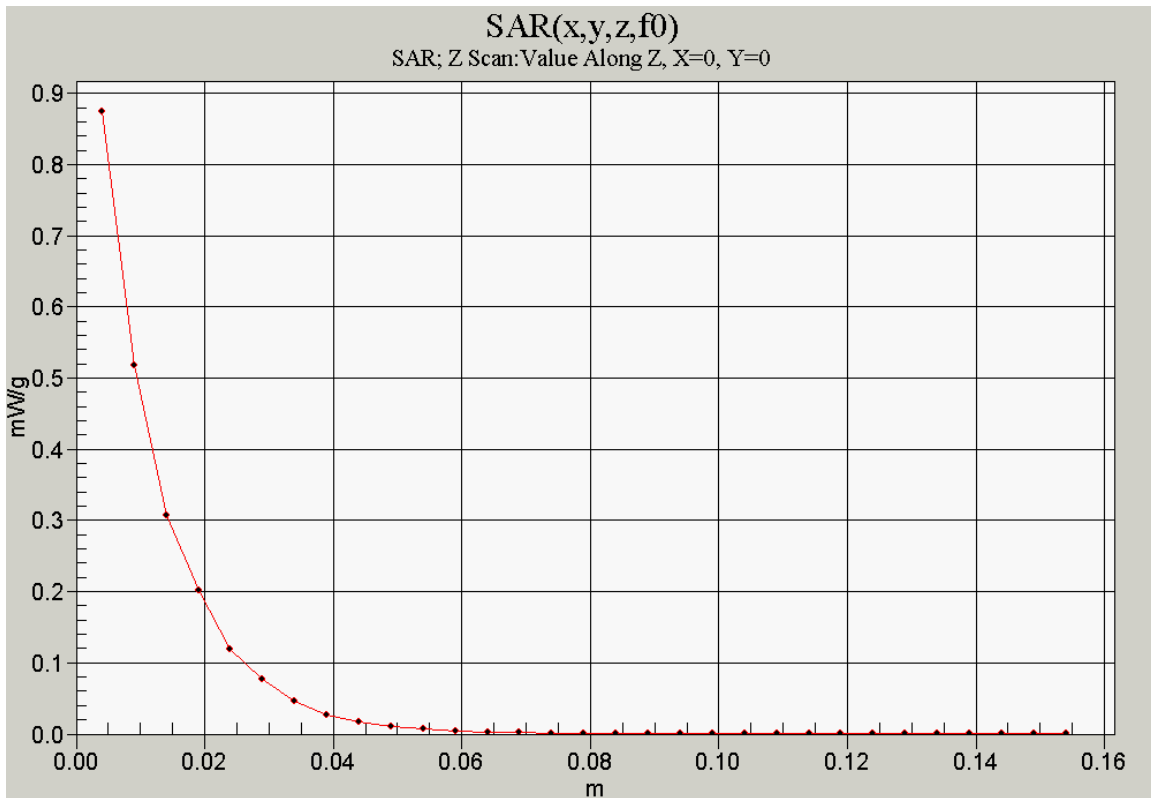
Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.441 mW/g

Maximum value of SAR (measured) = 0.861 mW/g



0 dB = 0.861mW/g



Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-1700 Ch875 Flat Phone Closed with Leather Case and SO55 RC1

Communication System: AWS 1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: M1700, Medium parameters used: $f = 1753.75$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.02, 5.02, 5.02), Calibrated: 9/19/2007

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

Electronics: DAE4 Sn527, Calibrated: 9/14/2007

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

Temperature:

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

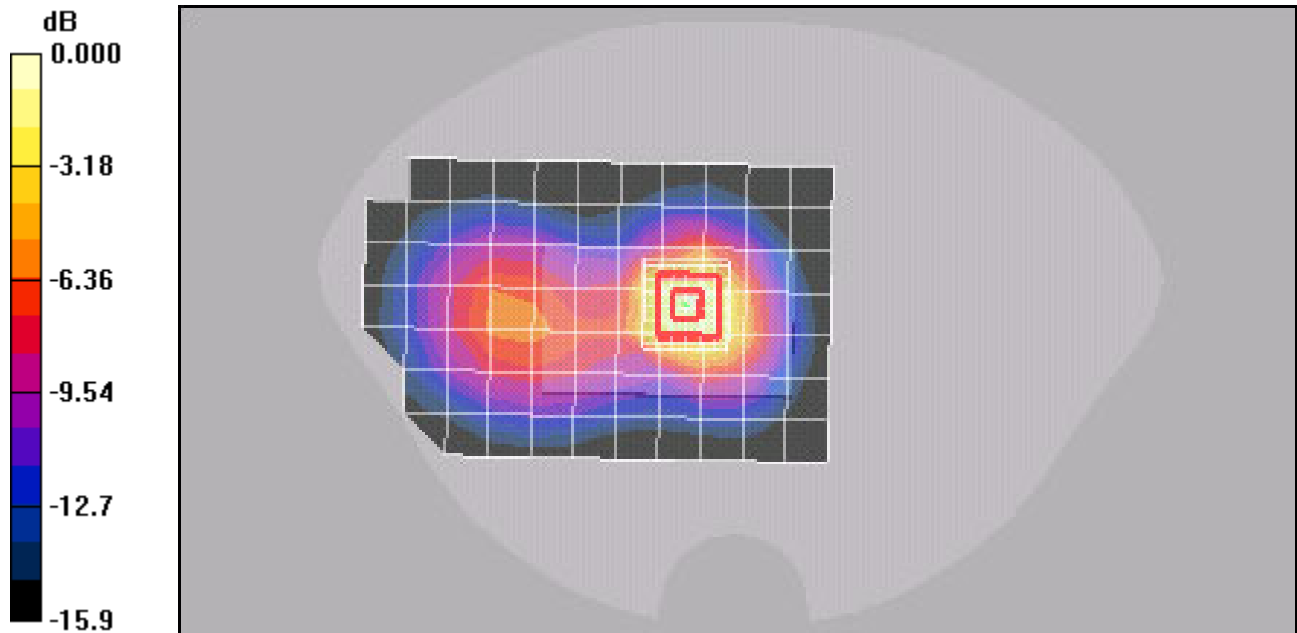
CDMA-1700 FLAT Ch875/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.763 mW/g



0 dB = 0.763mW/g

Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-1900 Ch600 Flat Phone Open with 15mm Air Space and SO32 RC3 (FCH)

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1618, ConvF(4.72, 4.72, 4.72), Calibrated: 9/19/2007
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn527, Calibrated: 9/14/2007
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 176

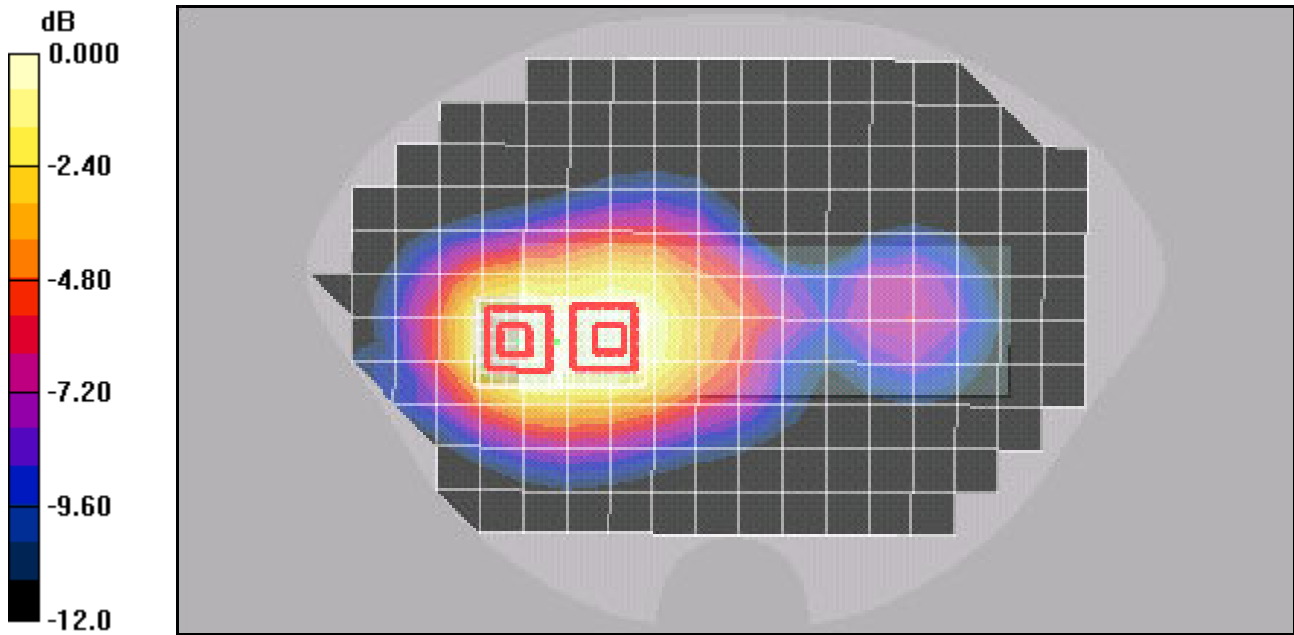
Temperature:
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

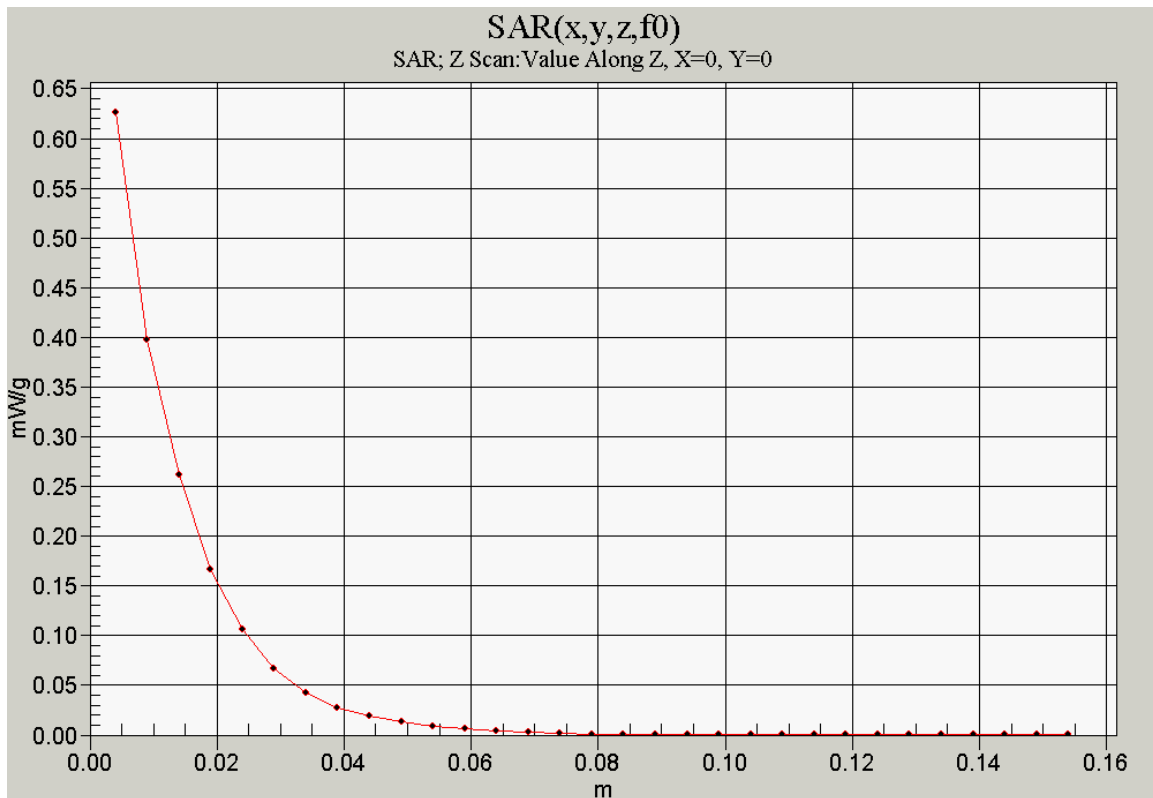
Reference Value = 11.8 V/m; Power Drift = 0.028 dB
 Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.388 mW/g
 Maximum value of SAR (measured) = 0.703 mW/g

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

Reference Value = 11.8 V/m; Power Drift = 0.028 dB
 Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.315 mW/g
 Maximum value of SAR (measured) = 0.509 mW/g



0 dB = 0.509mW/g



Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-1900 Ch600 Flat Phone Closed with Leather Case and SO32 RC3 (FCH)

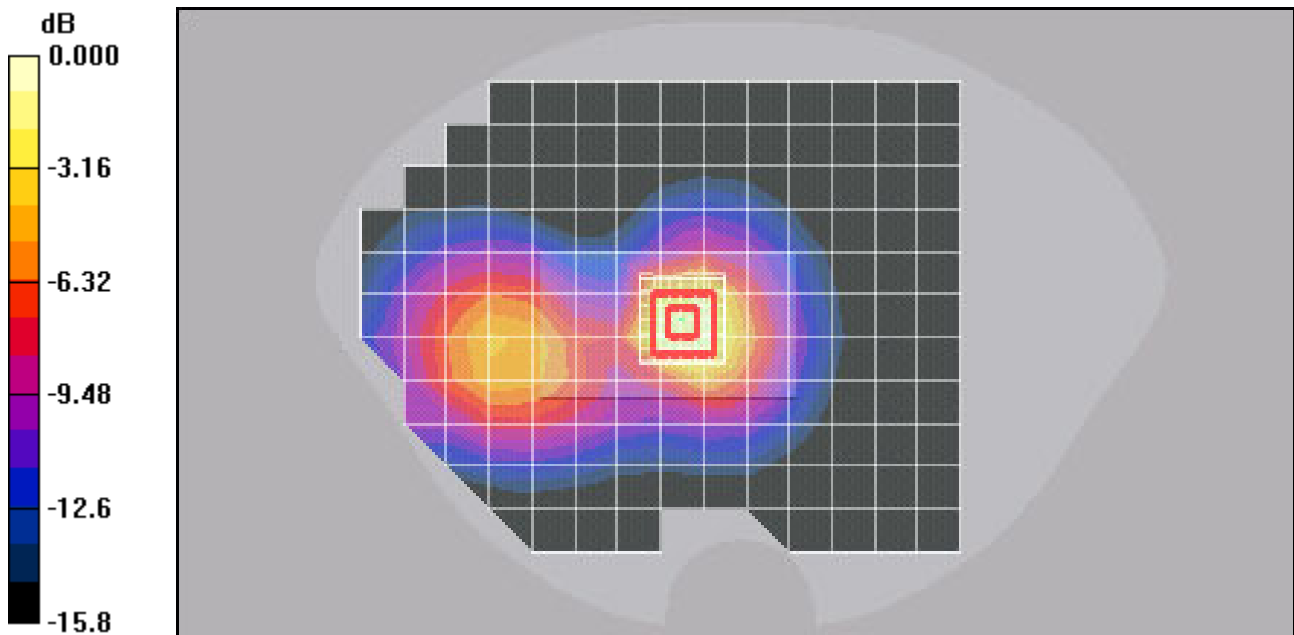
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.72, 4.72, 4.72), Calibrated: 9/19/2007
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527, Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 176

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 = 12.3 V/m; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 0.731 W/kg
SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.553 mW/g



0 dB = 0.553mW/g

Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-2450 Ch78 Flat with Phone Closed and 15mm Air Space

Communication System: Bluetooth 2450Mhz, Frequency: 2480 MHz, Duty Cycle: 1:1
 Medium: M2450,Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 50.1$; $\rho = 1000 \text{ kg/m}^3$
 Phantom: SAM 12,Phantom section: Flat Section

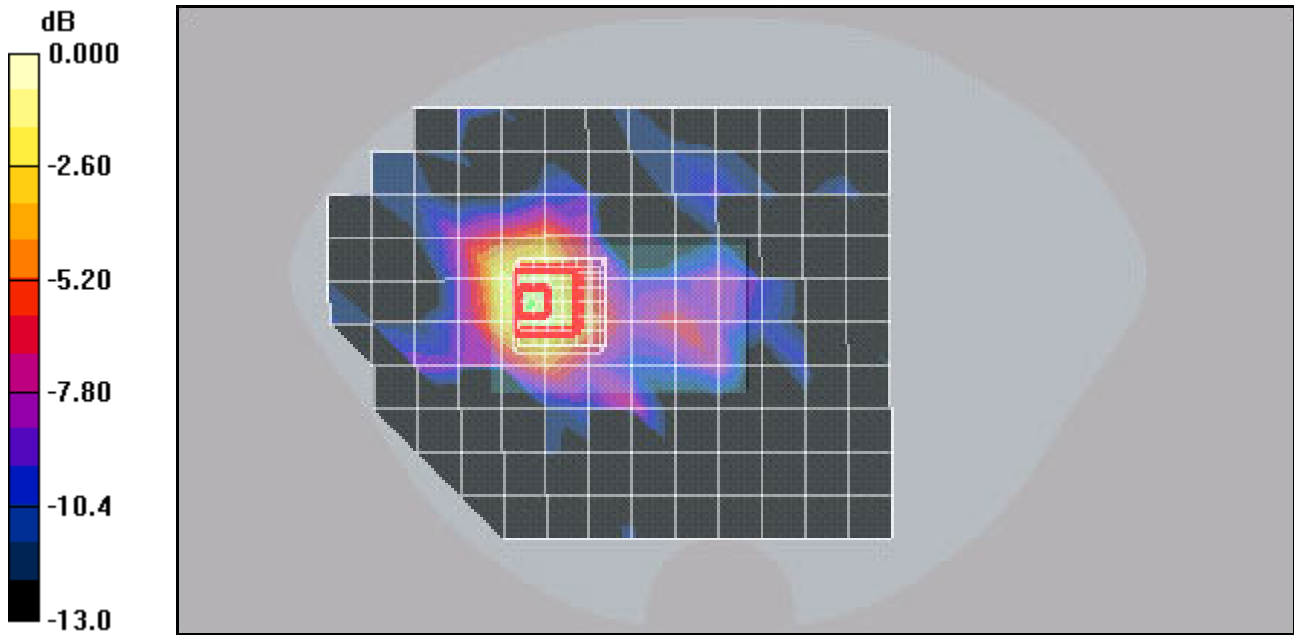
DASY4 Configuration:
 Probe: ES3DV3 - SN3078, ConvF(4.2, 4.2, 4.2), Calibrated: 6/23/2008
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn675,Calibrated: 4/21/2008
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 176

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

CDMA-2450 CH 78 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.892 V/m; Power Drift = -0.182 dB
 Peak SAR (extrapolated) = 0.014 W/kg
SAR(1 g) = 0.00568 mW/g; SAR(10 g) = 0.00261 mW/g

Maximum value of SAR (measured) = 0.007 mW/g



0 dB = 0.007mW/g