

Appendix B2:
SAR Distribution Plots (Body)

Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-800 Ch383 Flat Phone Closed with CE90-M2595-01 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; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.26, 6.26, 6.26), Calibrated: 6/23/2008

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

Electronics: DAE4 Sn602,Calibrated: 6/25/2008

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

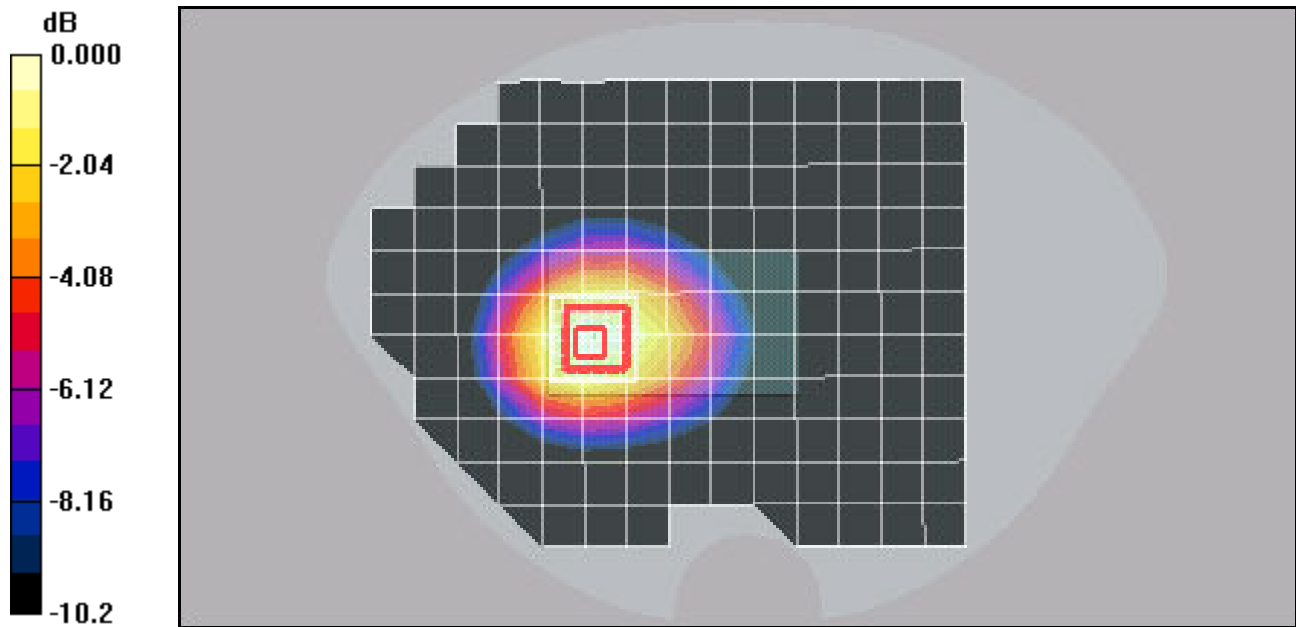
Reference Value = 9.51 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.328 mW/g

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

Maximum value of SAR (measured) = 0.506 mW/g



0 dB = 0.506mW/g

Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-1700 Ch450 Flat Phone Closed with CE90-M2595-01 and SO55 RC1

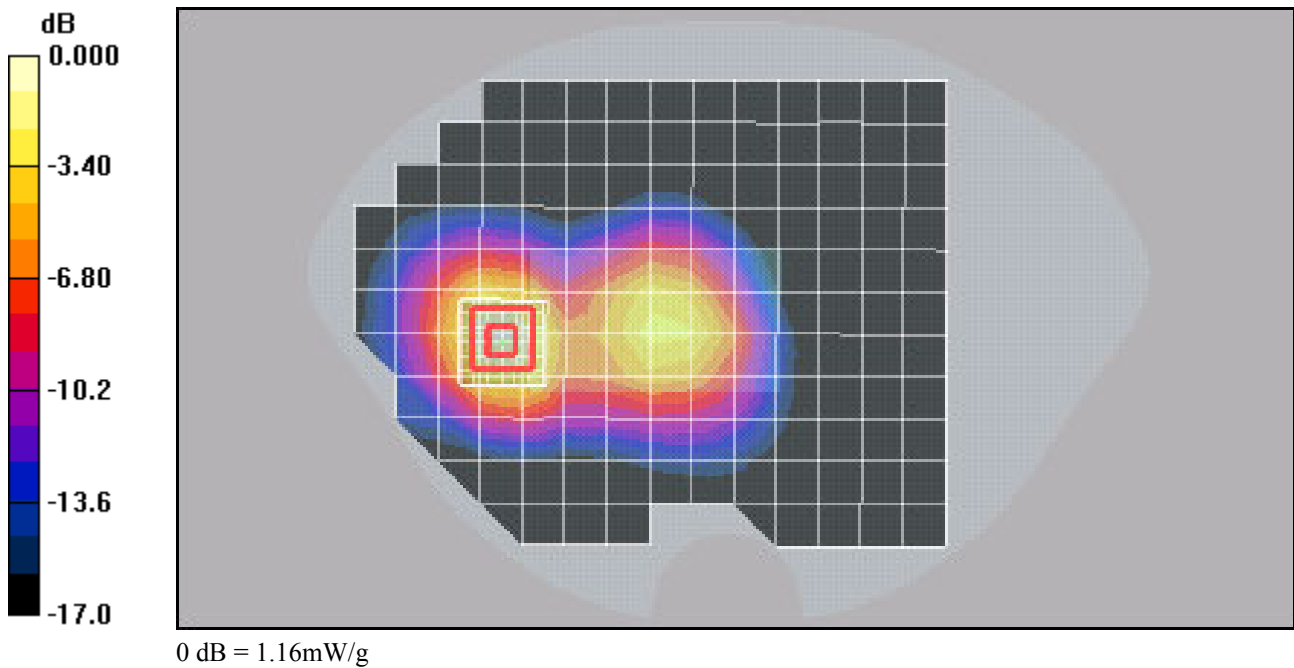
Communication System: AWS 1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: M1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(4.73, 4.73, 4.73), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 6/25/2008
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-1700 FLAT Ch450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-1900 CH600 Flat Phone Closed with CE90-M2595-01 and SO32 RC3 (FCH)

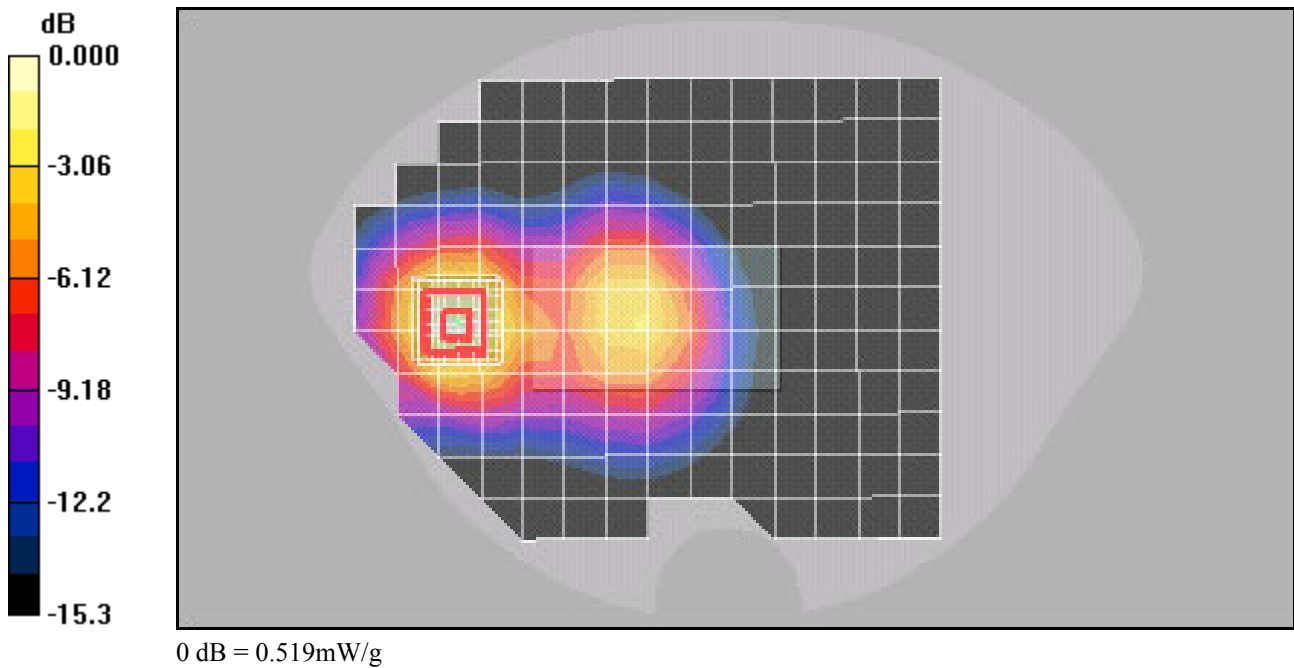
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(4.44, 4.44, 4.44), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 6/25/2008
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-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.48 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.519 mW/g



Test Laboratory: Kyocera-Wireless Corp.

K38-02 #3700 CDMA-2450 Ch78 Flat Phone Closed with CE90-M2595-01 and Bluetooth on

Communication System: Bluetooth, Frequency: 2480 MHz, Duty Cycle: 1:1
Medium: M2450, Medium parameters used: $f = 2480$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

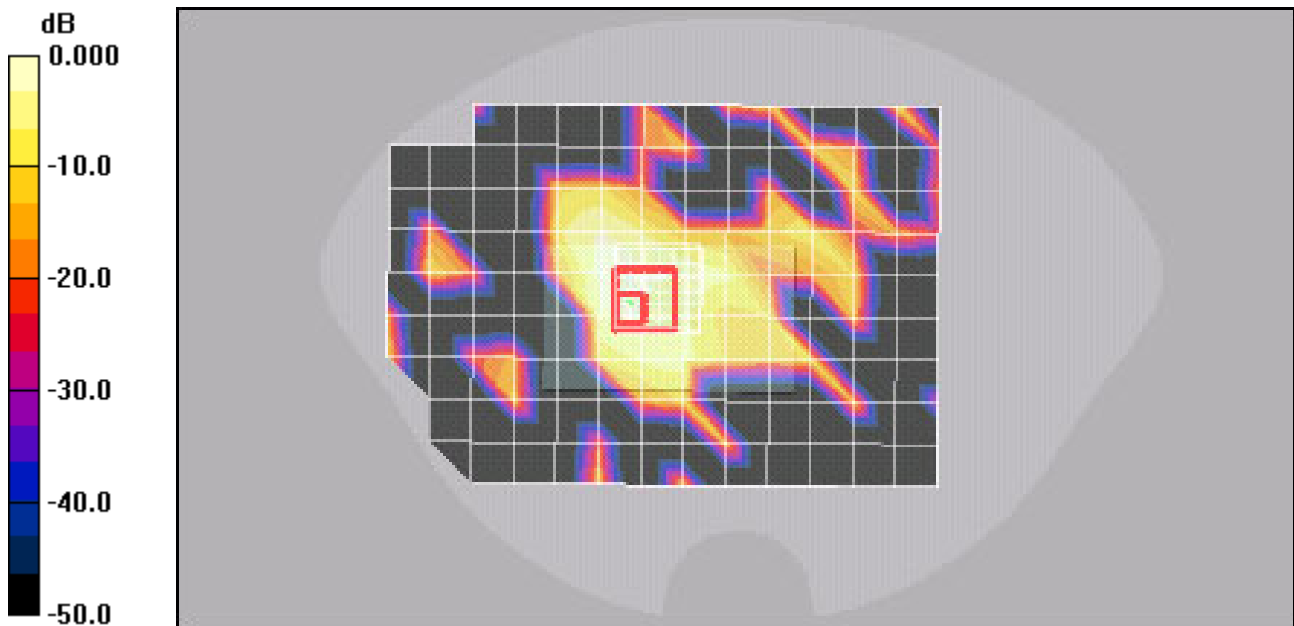
DASY4 Configuration:
Probe: ES3DV3 - SN3078, ConvF(4.2, 4.2, 4.2), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 176

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

CDMA-2450 FLAT Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.669 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.007 W/kg
SAR(1 g) = 0.00192 mW/g; SAR(10 g) = 0.000752 mW/g

Maximum value of SAR (measured) = 0.003 mW/g



0 dB = 0.003mW/g