

**Appendix B2:**  
**SAR Distribution Plots (Body)**

Test Laboratory: Kyocera-Wireless Corp.

## K48-01 #YT5Y CDMA-1900 Ch600 Flat with Phone Open, 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;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

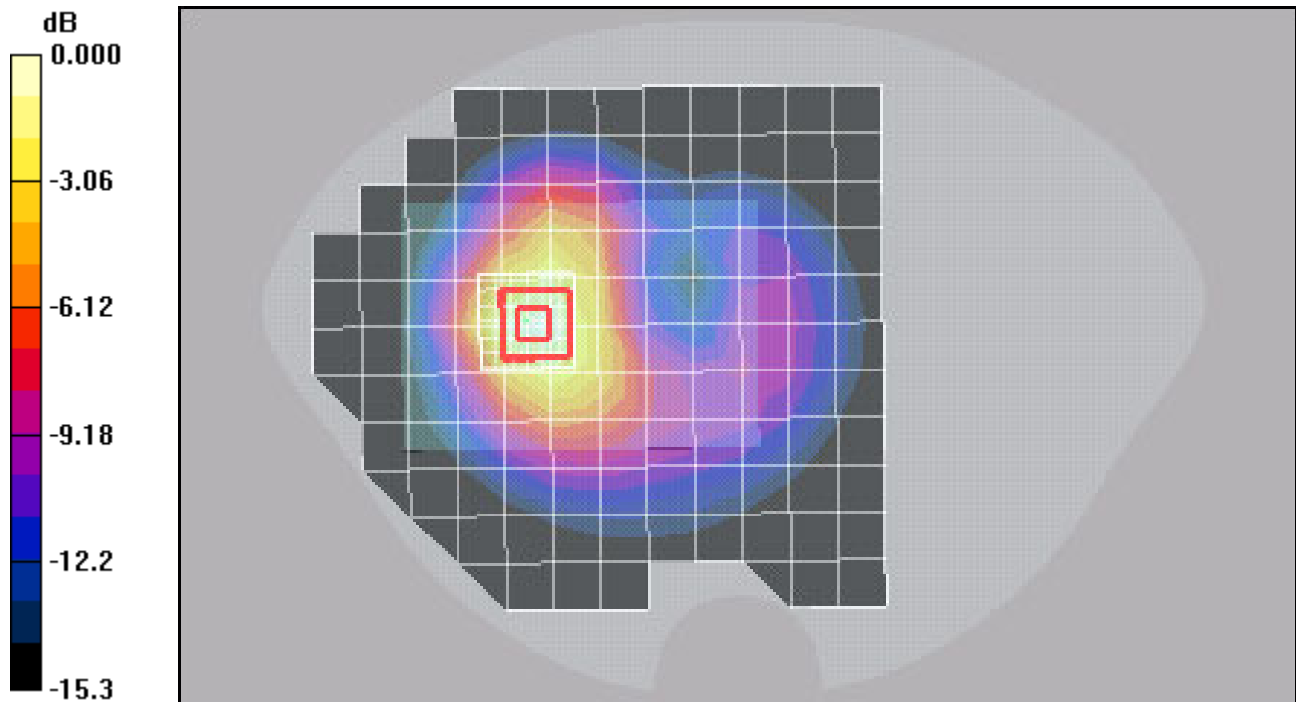
## CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.98 V/m; Power Drift = -0.123 dB

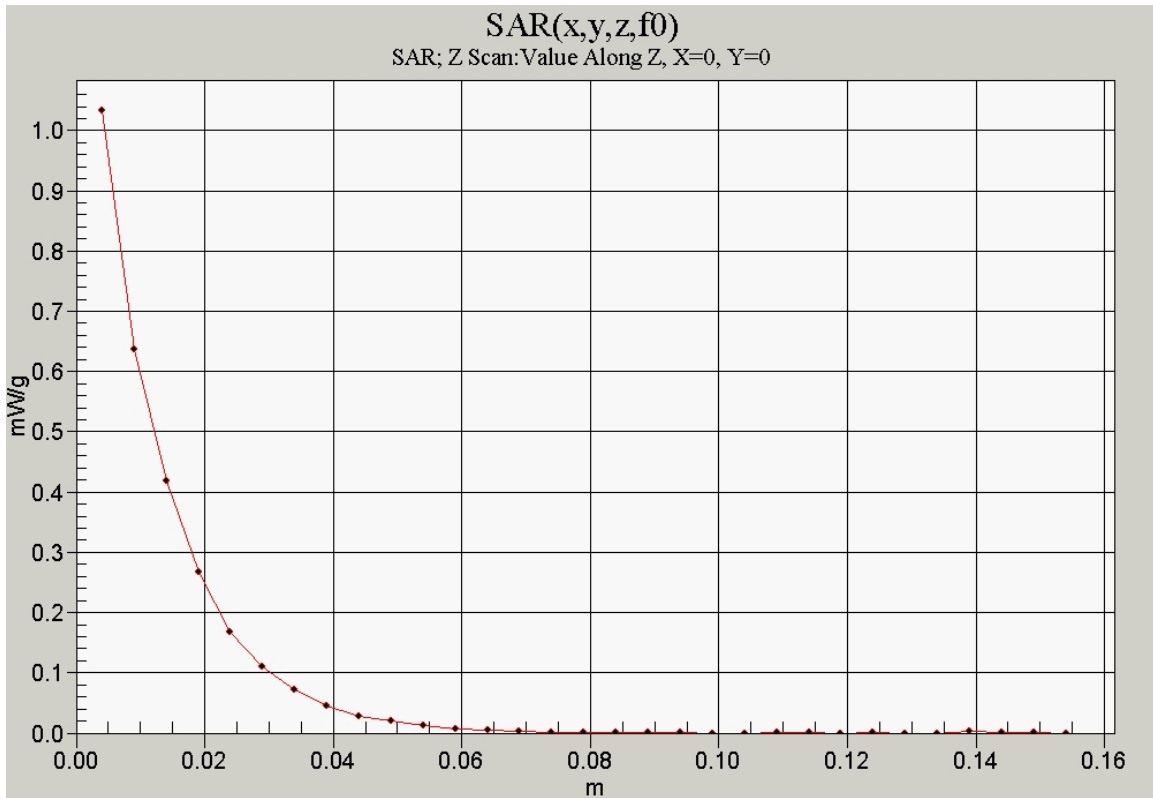
Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.586 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g



Test Laboratory: Kyocera-Wireless Corp.

## K48-01 #YT5Y CDMA-1900 Ch25 Flat with Phone Closed, 15mm Air Space and SO32 RC3 (FCH)

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

Medium: M1800, Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

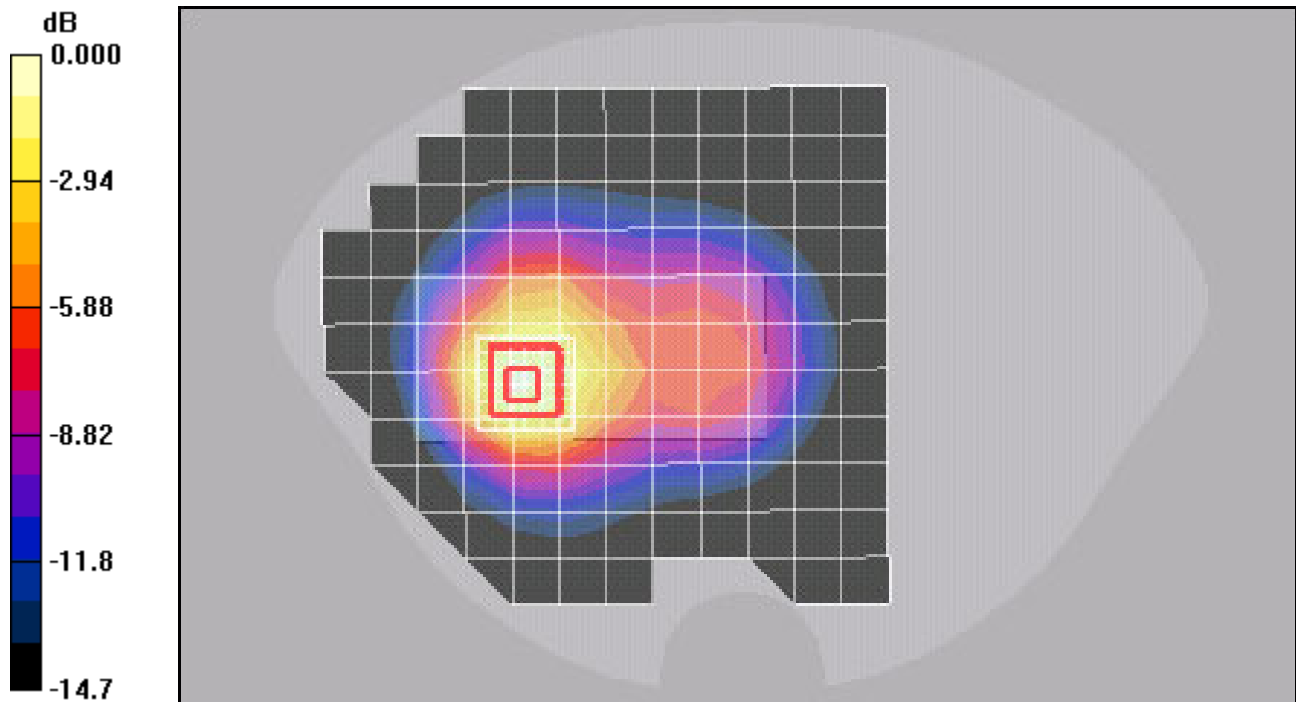
Reference Value = 13.4 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 1.56 W/kg

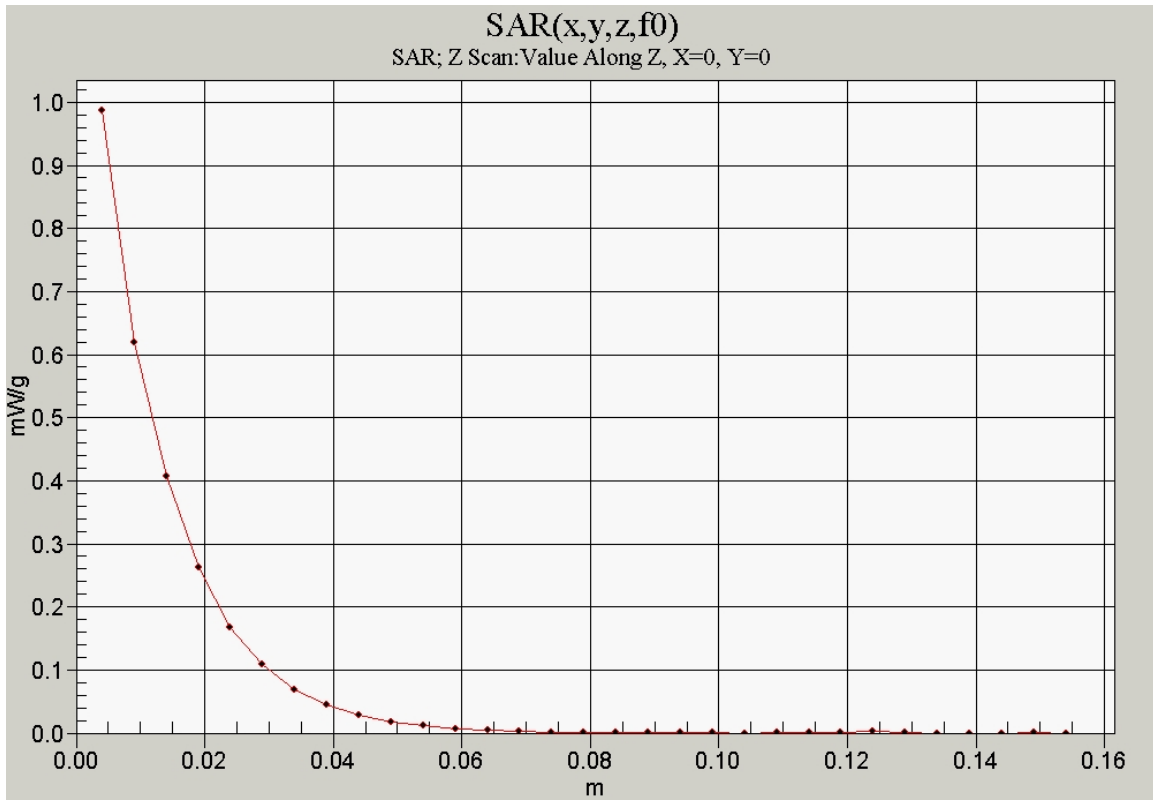
SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.559 mW/g

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

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g



Test Laboratory: Kyocera-Wireless Corp.

### K48-01 #YT5Y CDMA-1900 Ch600 Flat with Phone Closed, CE90-R2743-01 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;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

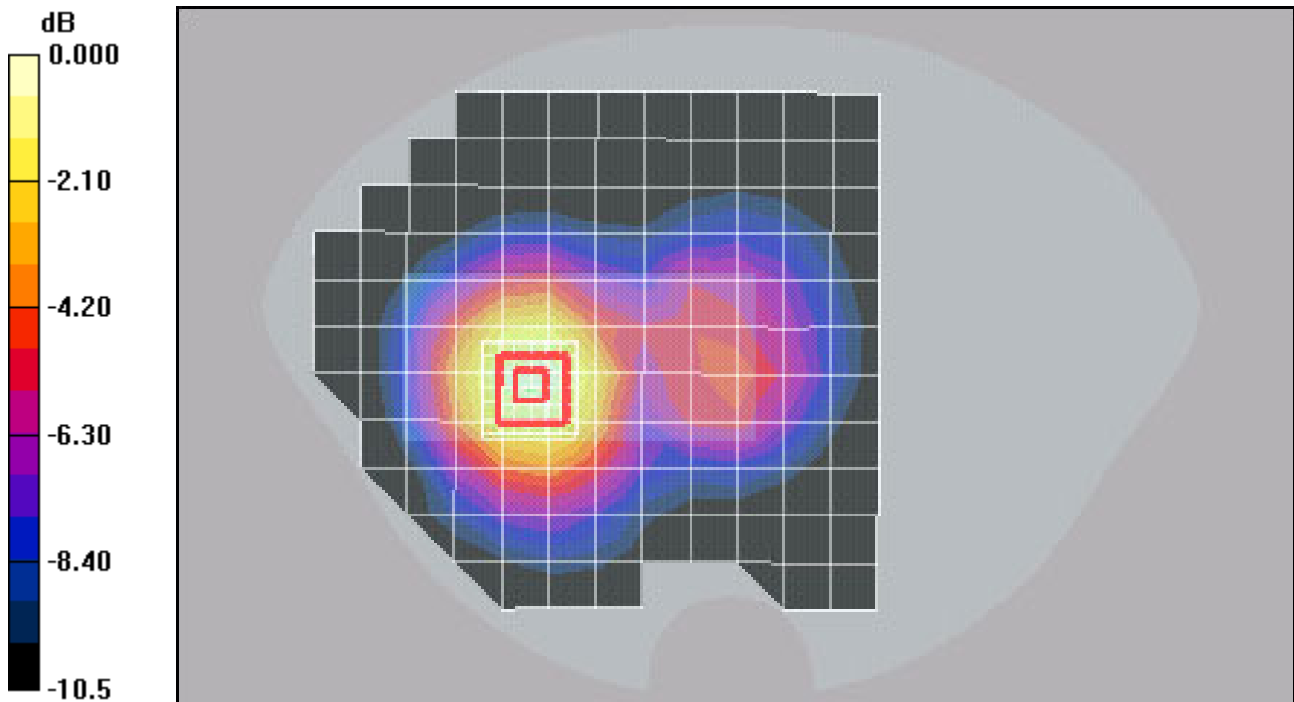
### CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.01 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.272mW/g