

**Appendix B1:**  
**SAR Distribution Plots (Head)**

Test Laboratory: Kyocera-Wireless Corp.

### M1000 #1439 CDMA-1900 Ch600 Left Cheek

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

Medium: HSL1800,Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12,Phantom section: Left Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006

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 160

**Temperature:**

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

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

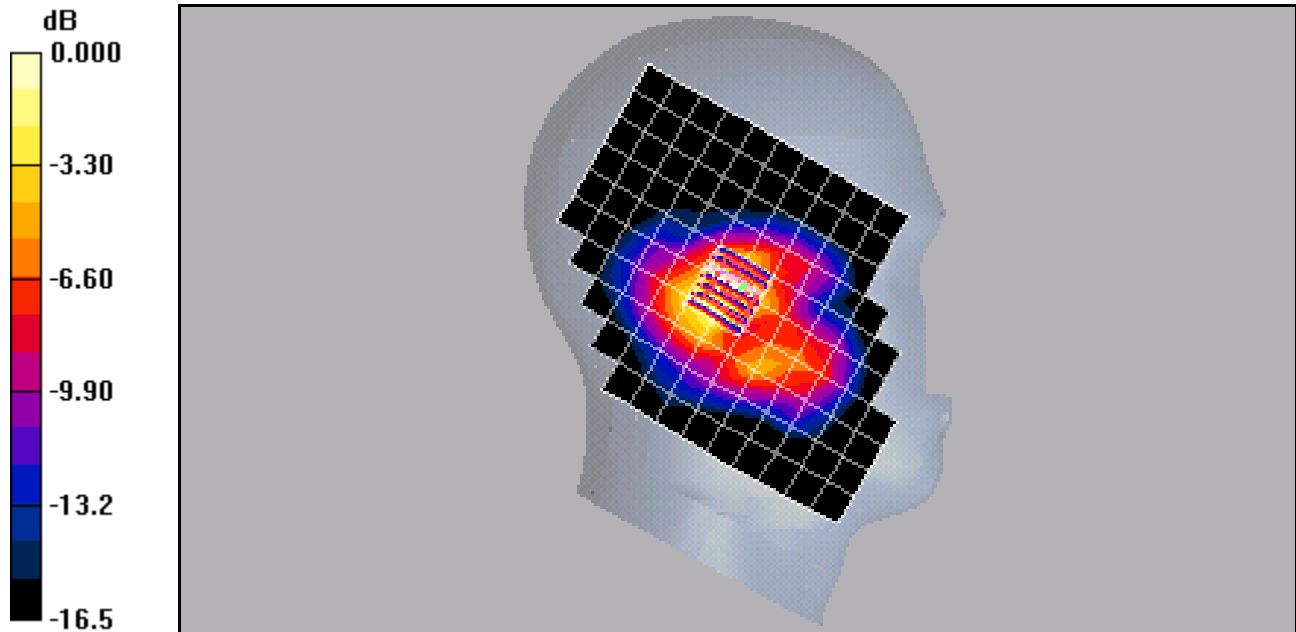
Reference Value = 16.9 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.726 mW/g

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

Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.41mW/g

Test Laboratory: Kyocera Wireless Corp.

### M1000 #1439 CDMA-1900 Left Tilt

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1  
Medium: HSL1800,Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom: SAM 12,Phantom section: Left Section

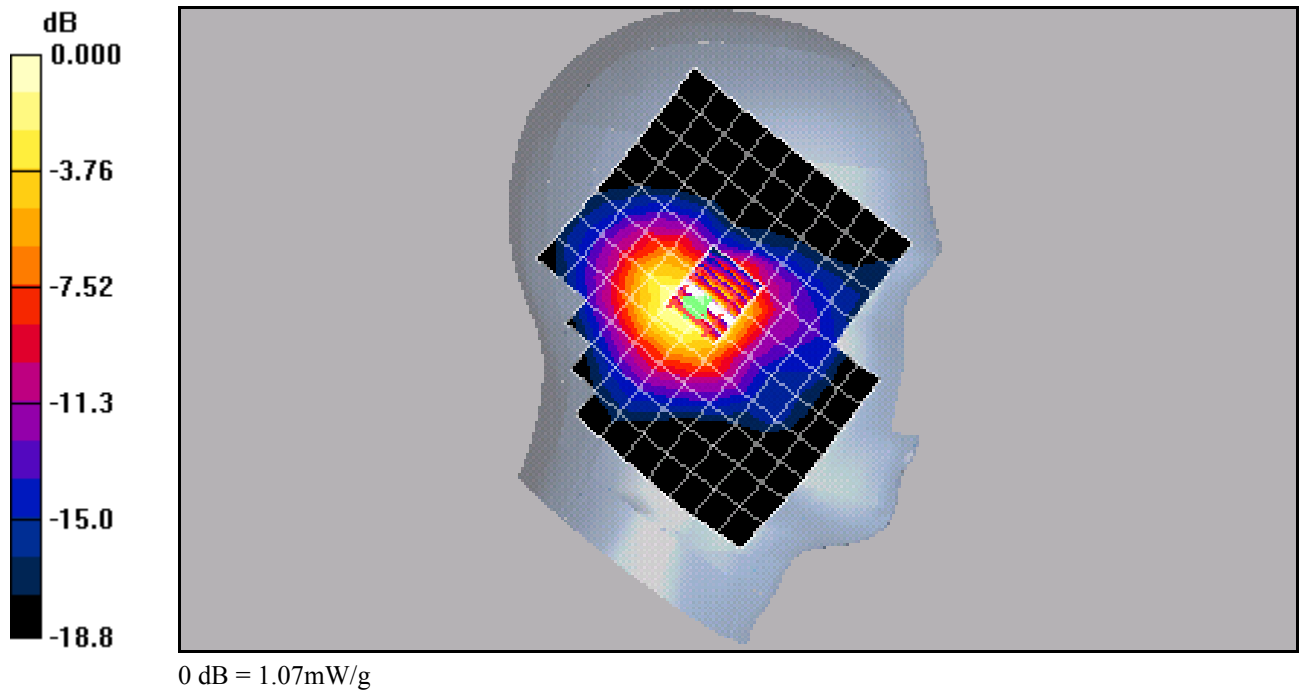
**DASY4 Configuration:**  
Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006  
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
Electronics: DAE3 Sn493,Calibrated: 11/7/2006  
Measurement SW: DASY4, V4.7 Build 53  
Postprocessing SW: SEMCAD, V1.8 Build 160

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

### CDMA-1900 Ch1175 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.082 dB  
Peak SAR (extrapolated) = 1.54 W/kg  
SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.577 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



Test Laboratory: Kyocera-Wireless Corp.

## M1000 #1439 CDMA-1900 Ch25 Right Cheek

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1  
 Medium: HSL1800, Medium parameters used:  $f = 1850$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Right Section

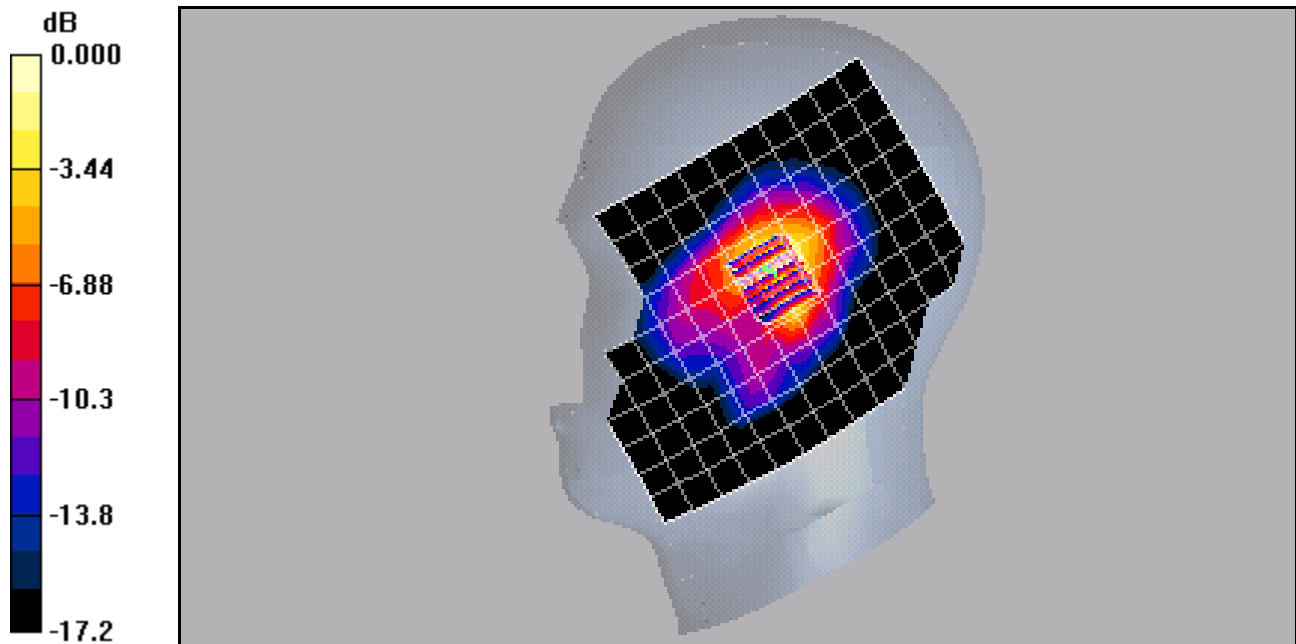
**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE3 Sn493, Calibrated: 11/7/2006  
 Measurement SW: DASY4, V4.7 Build 53  
 Postprocessing SW: SEMCAD, V1.8 Build 160

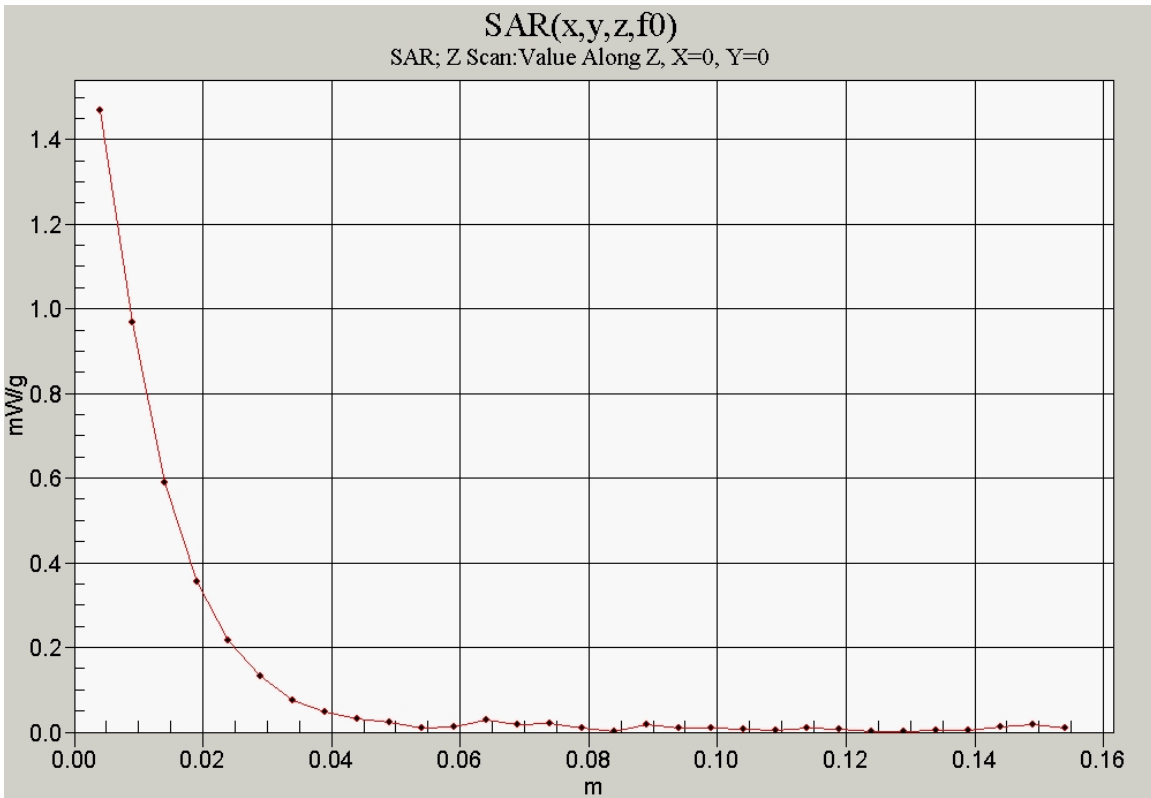
**Temperature:**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

Reference Value = 18.1 V/m; Power Drift = 0.223 dB  
 Peak SAR (extrapolated) = 2.82 W/kg  
**SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.796 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g





Test Laboratory: Kyocera -Wireless Corp.

## M1000 #1439 CDMA-1900 Ch600 Right Tilt

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

Medium: HSL1800,Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12,Phantom section: Right Section

### DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006

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 160

### Temperature:

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

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

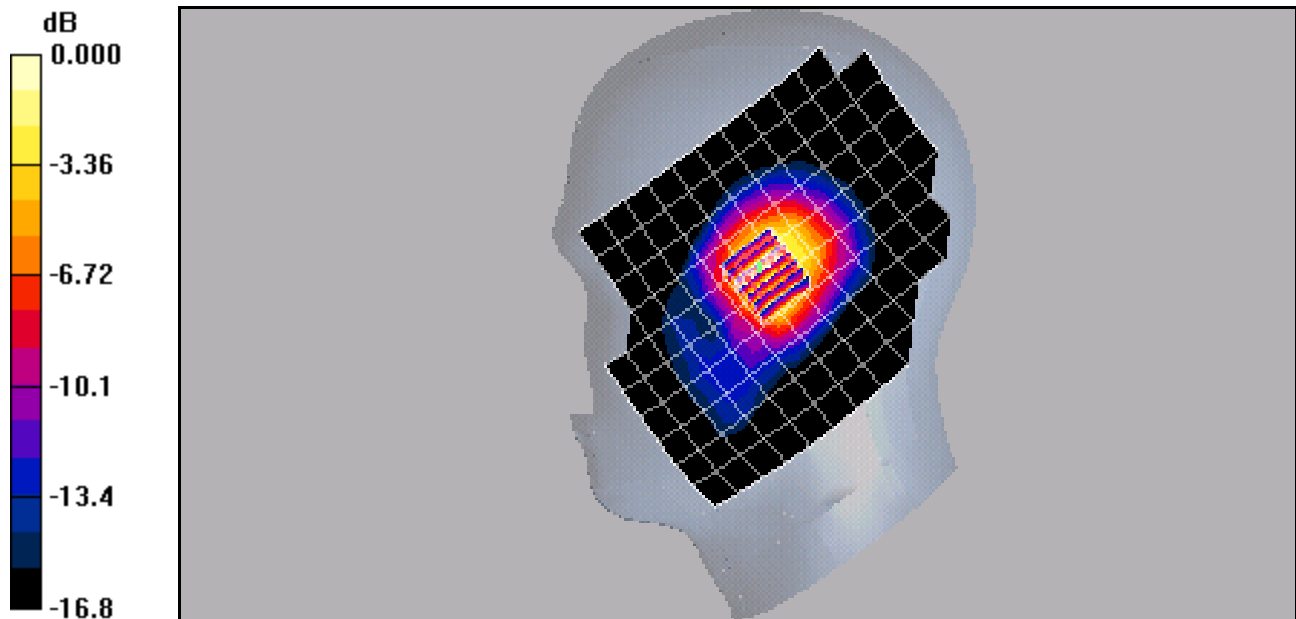
Reference Value = 22.8 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.763 mW/g

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

Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.43mW/g