

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

Test Laboratory: Kyocera Wireless Corp.

### KX9D #1116 CDMA-1900 ch 600 Flat, Phone Open with 22.5mm Air Space and Standard Battery

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

**Temperature:**

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

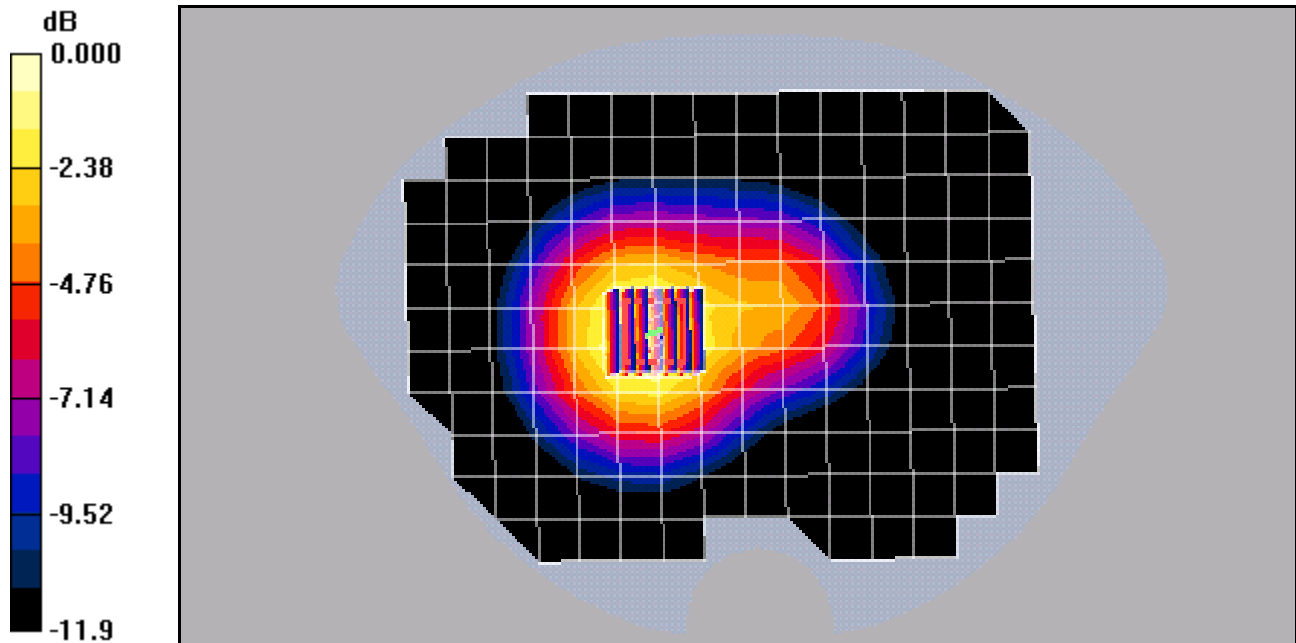
### CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.041 dB

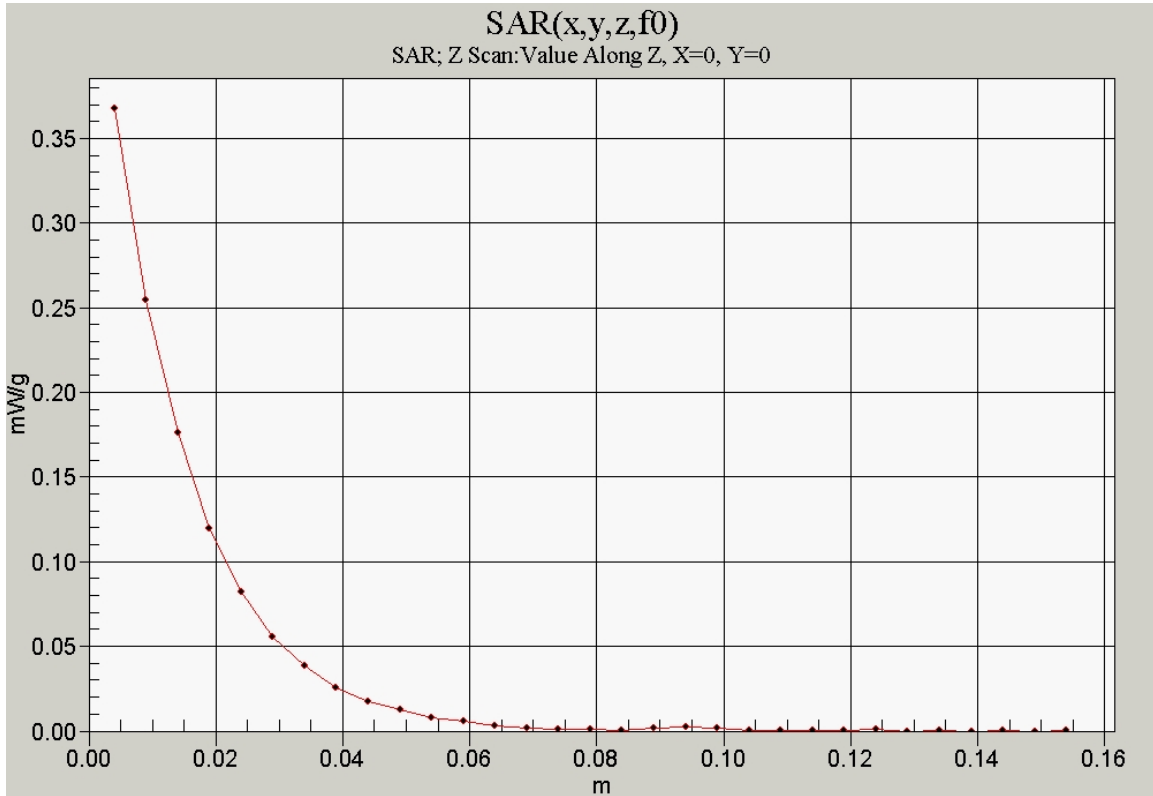
Peak SAR (extrapolated) = 0.509 W/kg

**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (measured) = 0.384 mW/g



0 dB = 0.384mW/g



Test Laboratory: Kyocera Wireless Corp.

## KX9D #1116 CDMA-1900 Flat, Phone Closed with 22.5mm Air Space and Extended Battery

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

### DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

### 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 = 11.6 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.161 mW/g**

Maximum value of SAR (measured) = 0.257 mW/g

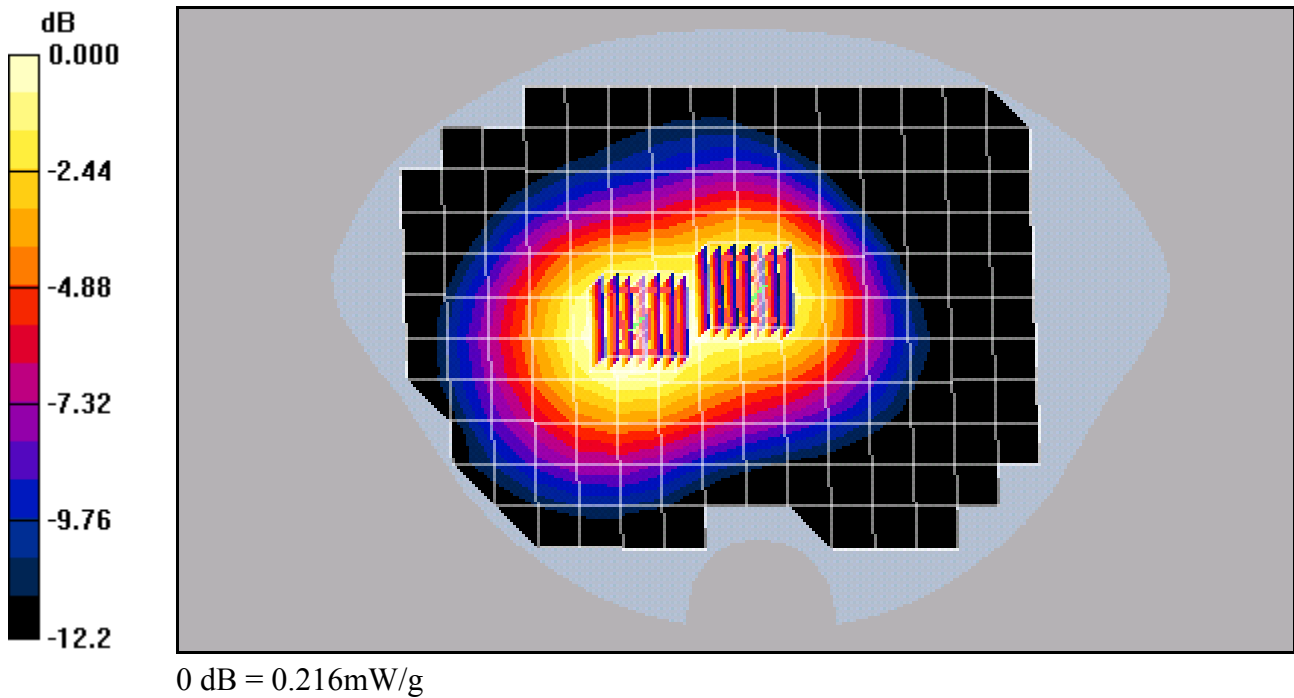
### CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.130 mW/g**

Maximum value of SAR (measured) = 0.216 mW/g



Test Laboratory: Kyocera Wireless Corp.

### KX9D #1116 CDMA-1900 ch600 Flat, Phone Closed with CV90-61346 Pouch and Standard Battery

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

Medium: M1800, Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE3 Sn493, Calibrated: 11/14/2005

Measurement SW: DASY4, V4.6 Build 23

Postprocessing SW: SEMCAD, V1.8 Build 160

**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 = 14.9 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.440 W/kg

**SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.189 mW/g**

Maximum value of SAR (measured) = 0.324 mW/g

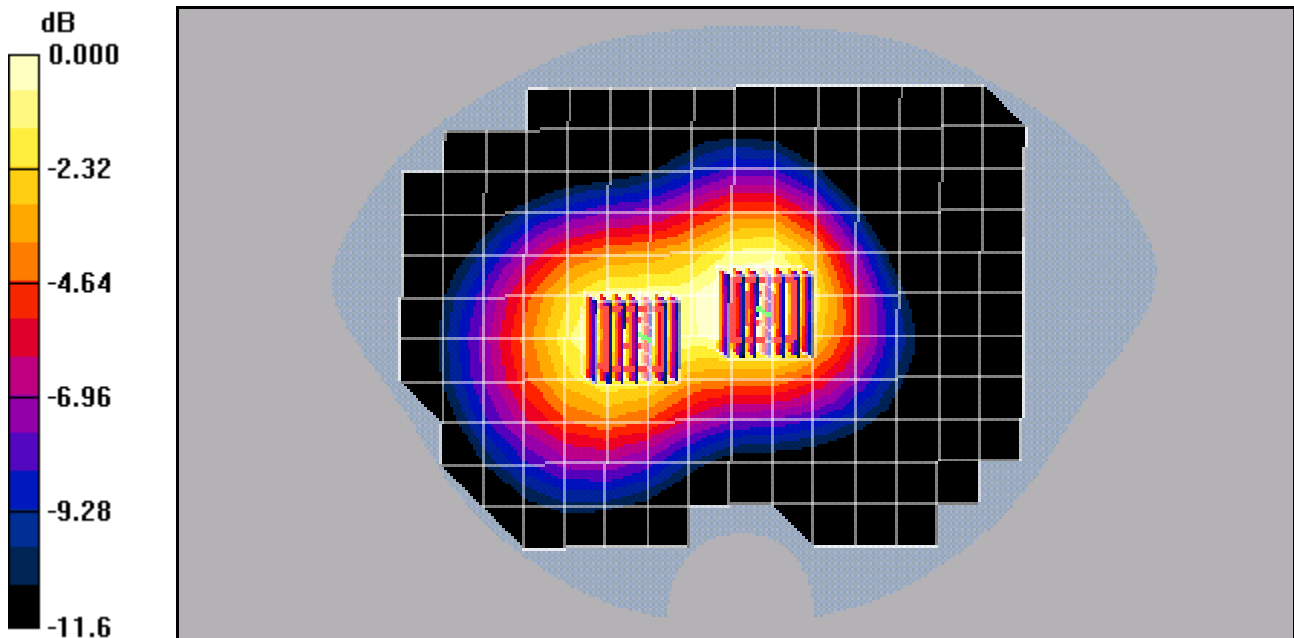
**CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.332 W/kg

**SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.158 mW/g**

Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.253mW/g

