

**Appendix B1:**  
**SAR Distribution Plots (Head) Part 2**

**K24-2J0 SN#9380 CDMA-1900 ch600 Right Cheek with Standard Battery**

**DUT: K24-2J0**

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.34 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1714; ConvF(4.95, 4.95, 4.95); Calibrated: 9/6/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 8/30/2005
- Phantom: SAM 12; Type: SAM; Serial: TP-1149
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

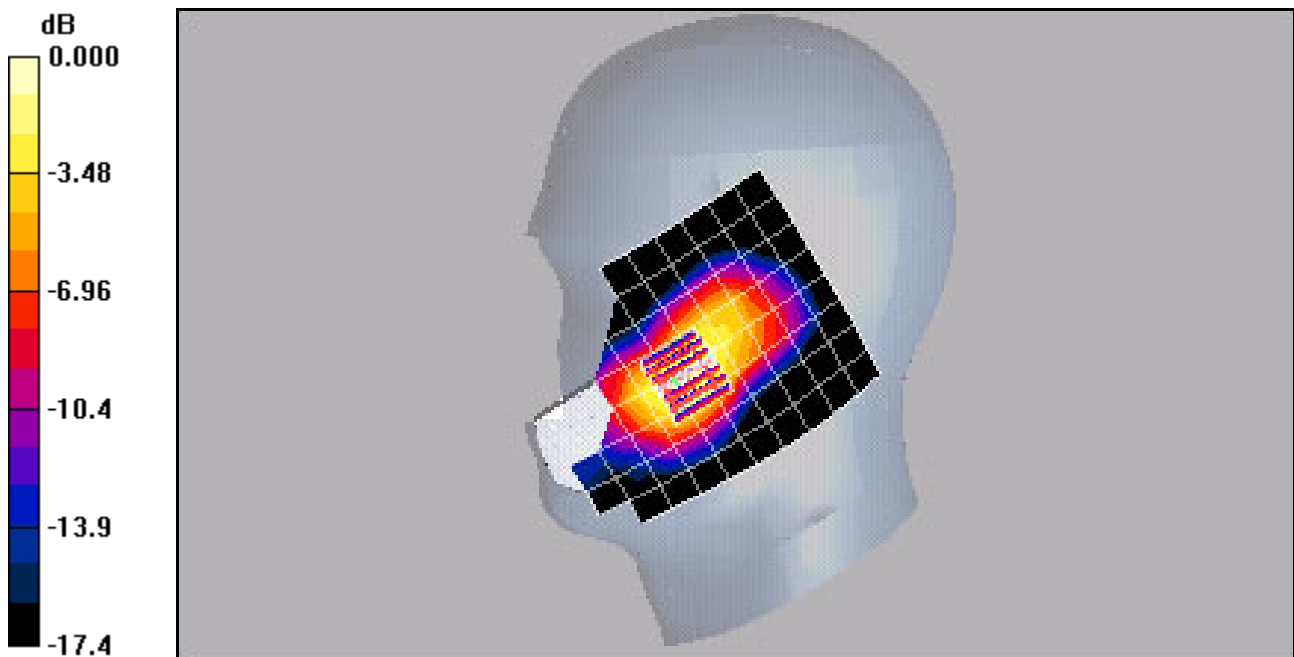
**PCS Ch600 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.74 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.690 mW/g**

Maximum value of SAR (measured) = 1.40 mW/g



0 dB = 1.40mW/g

**K24-2J0 SN#9380 CDMA-1900 ch600 Right Tilt with Standard Battery**

**DUT: K24-2J0**

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.34 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1714; ConvF(4.95, 4.95, 4.95); Calibrated: 9/6/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 8/30/2005
- Phantom: SAM 12; Type: SAM; Serial: TP-1149
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

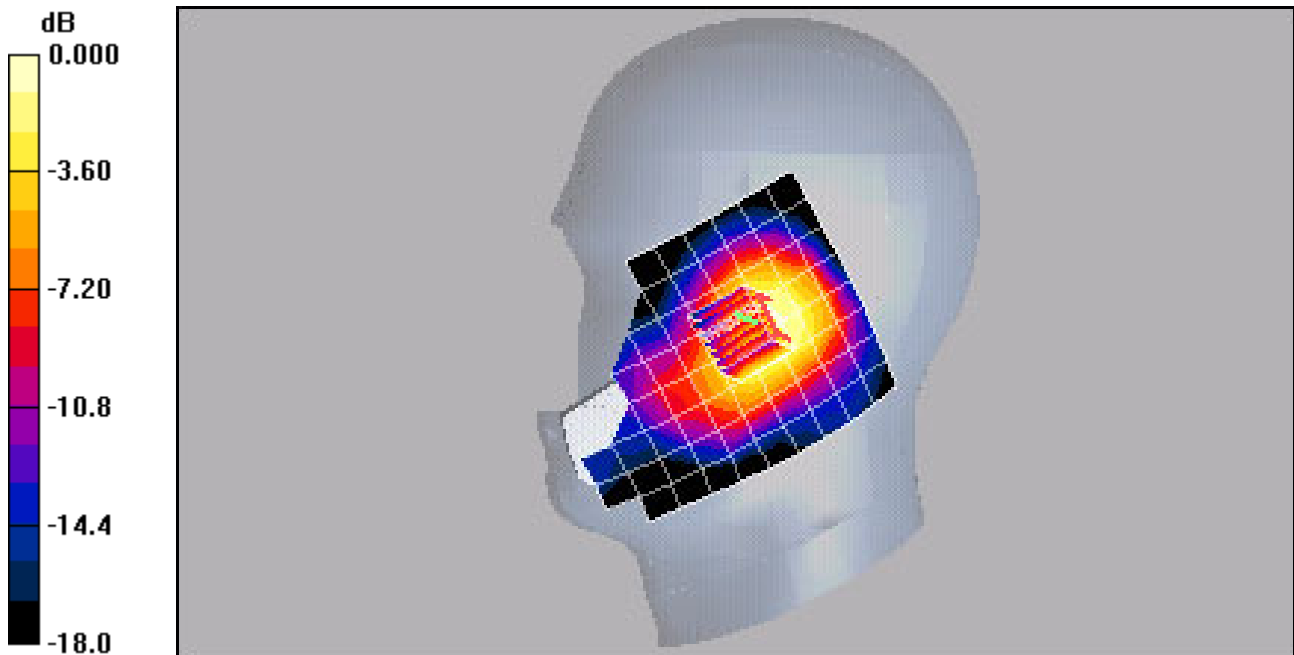
**PCS Ch600 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.1 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.536 W/kg

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.415mW/g

