

Appendix B1:
SAR Distribution Plots (Head) Part 1

K24-2J0, SN#9380 CDMA-1900 ch600 Left Cheek with Standard Battery

DUT: K24-2J0

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³
Phantom section: Left 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

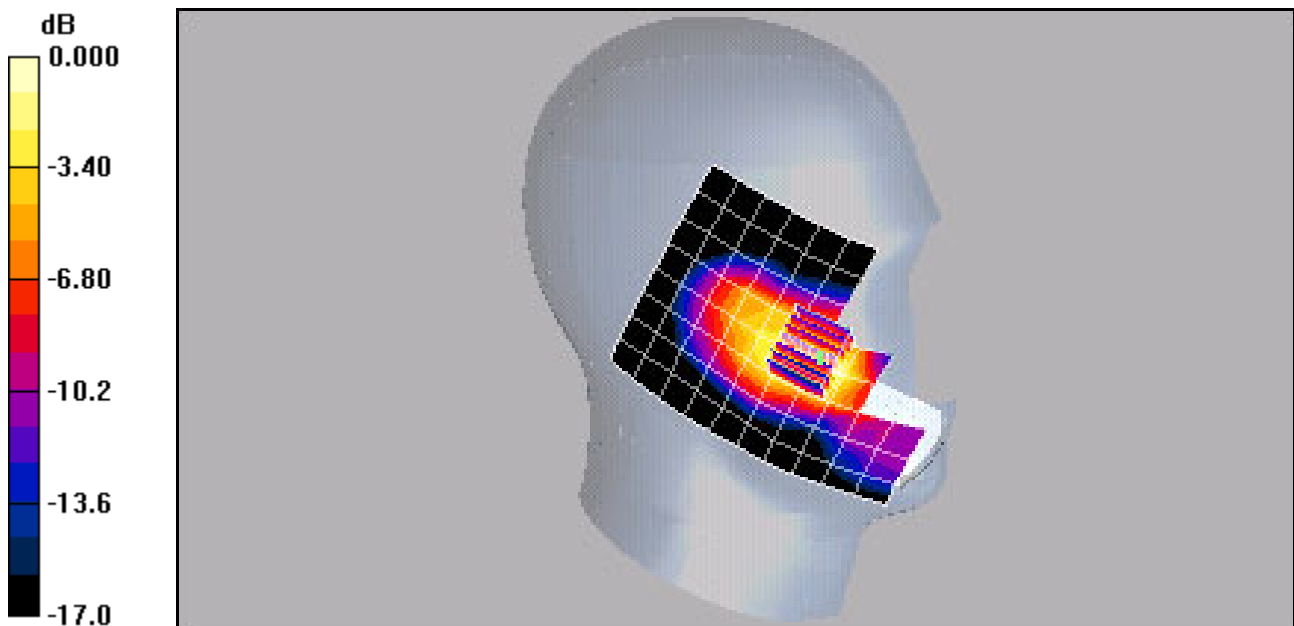
PCS Ch600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.64 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.600 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

K24-2J0 SN#9380 CDMA-1900 ch600 Left Cheek with Extended 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: Left 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

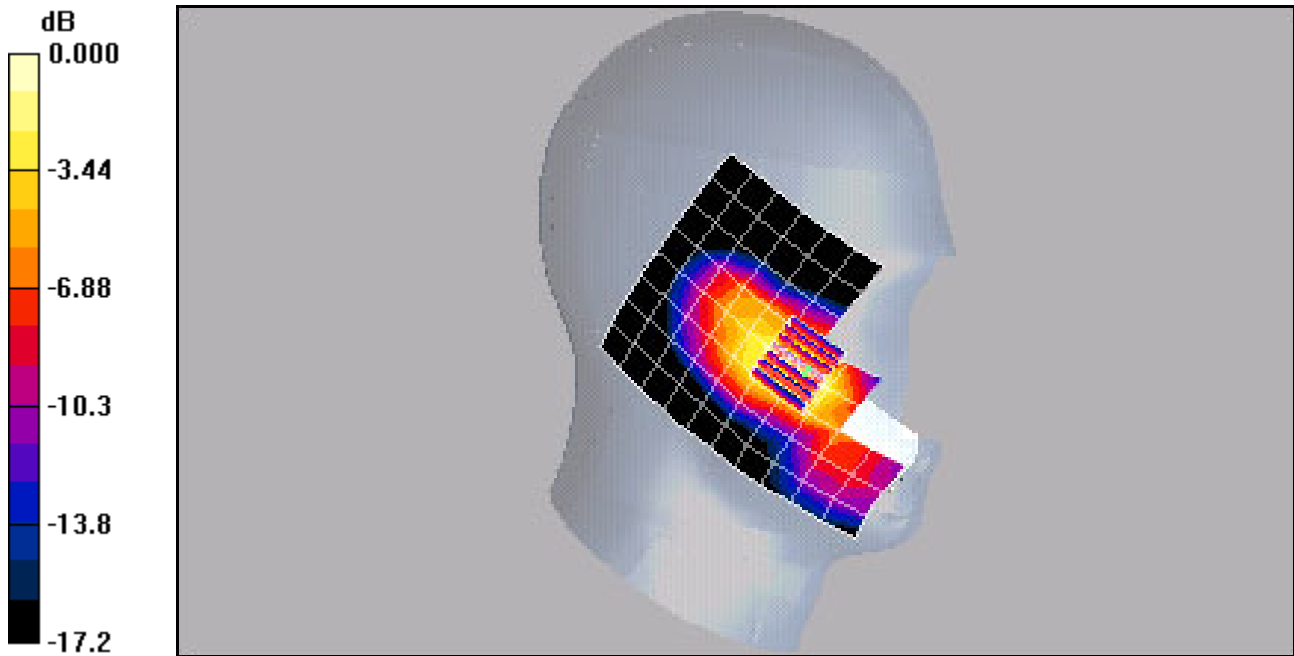
PCS Ch600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.71 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 1.19mW/g

K24-2J0 SN#9380 CDMA1900 ch600 Left 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: Left 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

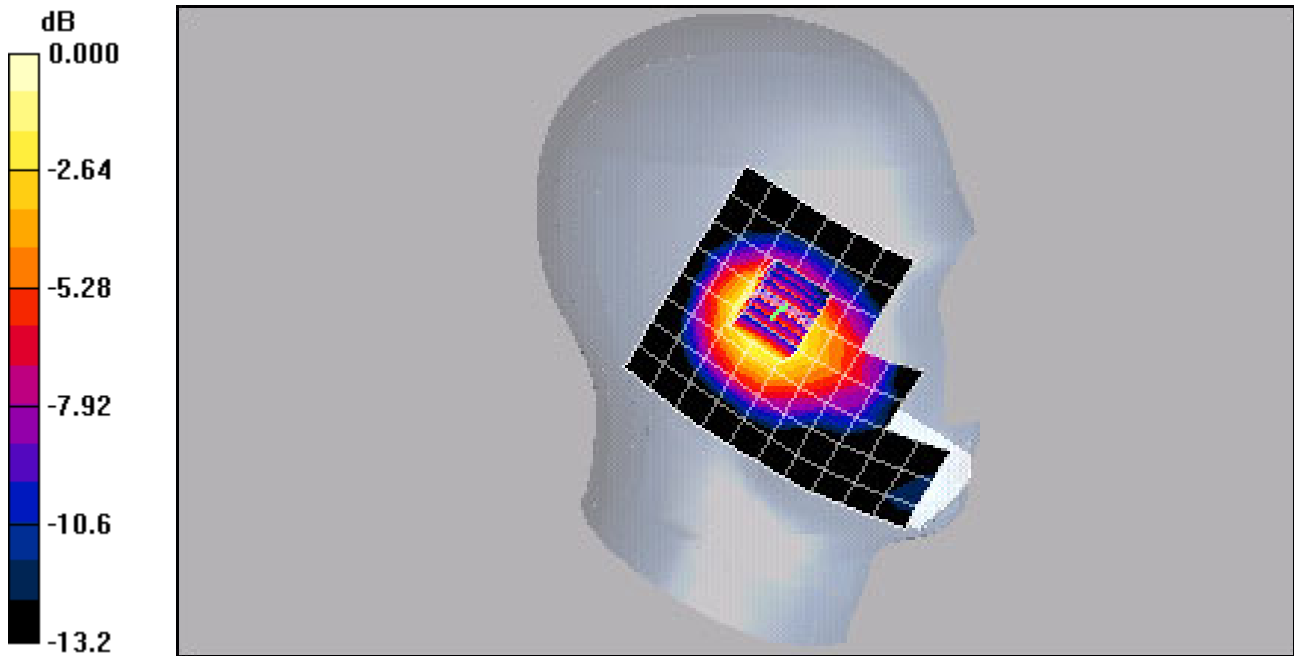
PCS Ch600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.26 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.387mW/g