

Appendix B2:

SAR Distribution Plots (Body)

K24-2J0 SN#9380 CDMA-1900 ch600 Flat with 12mm Air Space and Standard Battery**DUT: K24-2J0 (Phone Open)**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1714; ConvF(4.39, 4.39, 4.39); 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

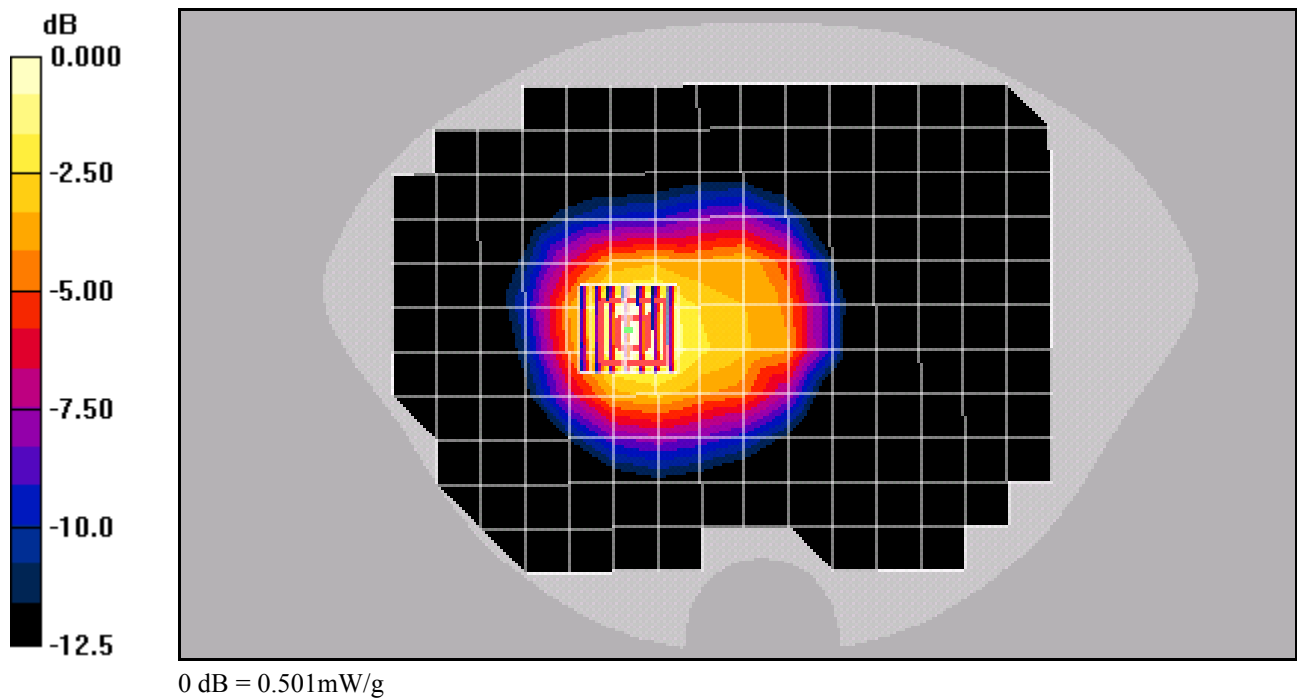
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

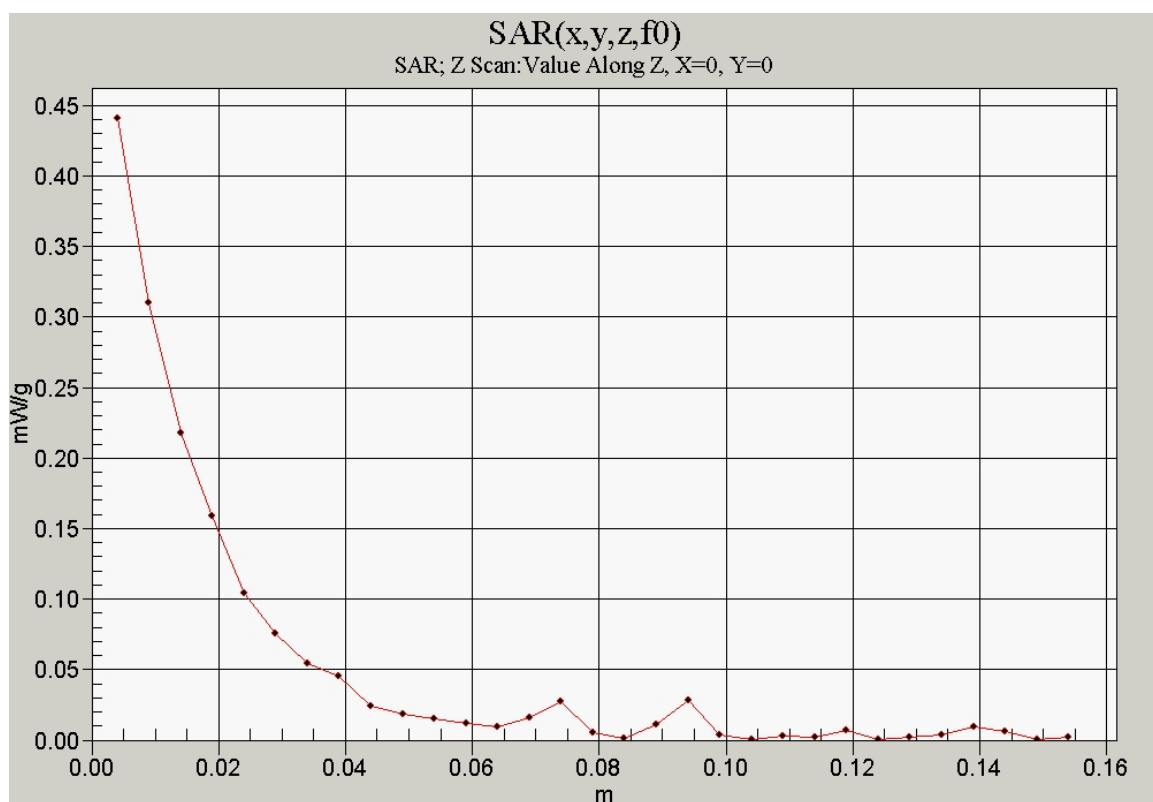
Reference Value = 12.7 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.501 mW/g





K24-2J0 SN#9380 CDMA-1900 ch600 Flat with 12mm Air Space and Extended Battery**DUT: K24-2J0 (Phone Open)**

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1714; ConvF(4.39, 4.39, 4.39); 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

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

Reference Value = 12.0 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.403 mW/g

