

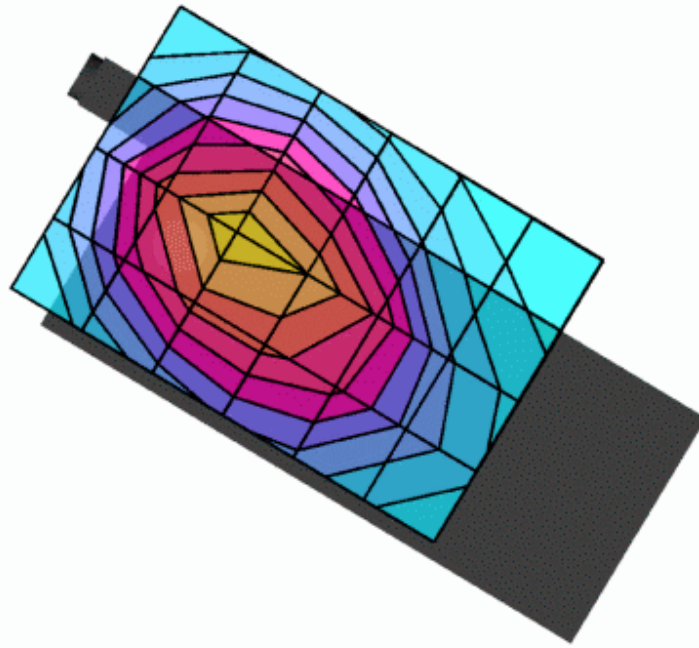
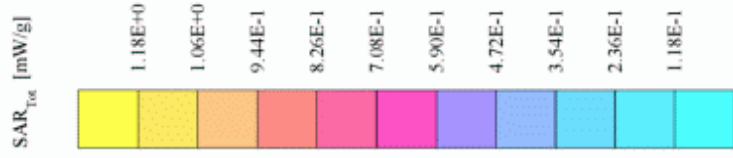
APPENDIX B-2:  
SAR Distribution Plots  
For  
Model KE414

**Section 1**  
**SAR Distribution plots for Head Adjacent Use Configuration**

04/07/03

**AMPS ch383, Left Cheek**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Left Hand Section; Position: (90°, 59°); Frequency: 835 MHz  
 Probe: ET3DV6 - SN1712; ConvF(6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 1.13 mW/g, SAR (10g): 0.758 mW/g, (Worst-case extrapolation)  
 Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: 0.03 dB

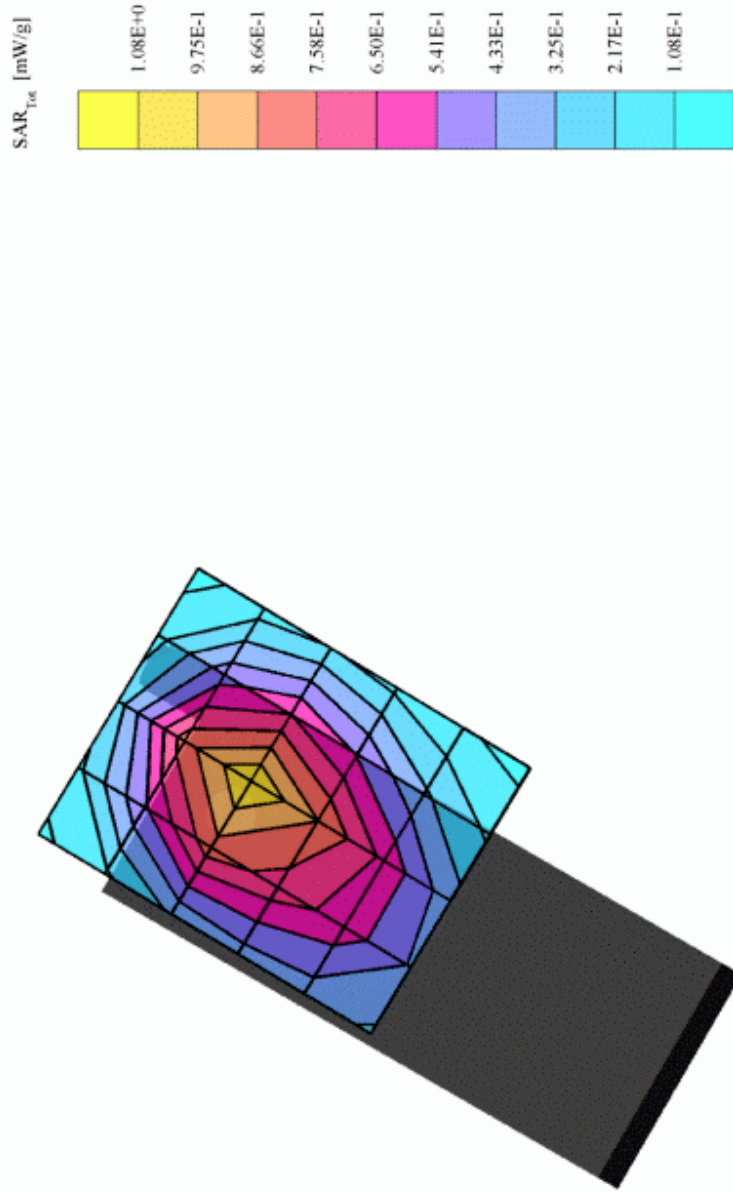


KWC

04/07/03

**AMPS ch383, Left Tilt**

Liquid Temp = 22C +/- deg. IC  
 KE414  
 SAMI Phantom, Left Hand Section; Position: (79°, 60°); Frequency: 835 MHz  
 Probe: ET3DV6 - SN1712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 1.00 mW/g; SAR (10g): 0.655 mW/g; (Worst-case extrapolation)  
 Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: -0.06 dB

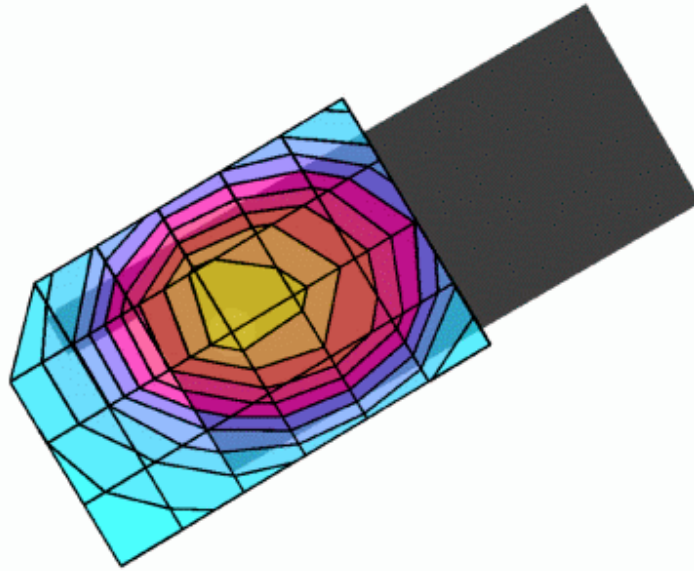
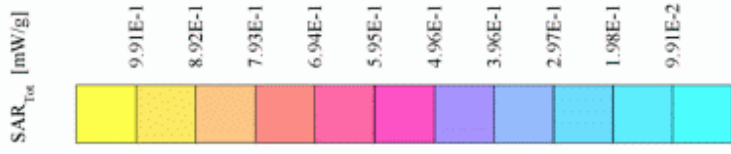


KWC

04/07/03

**AMPS ch383, Right Check**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAMI Phantom; Right Hand Section; Position: (90°, 300°); Frequency: 835 MHz  
 Probe: ET3DV6 - SNI712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 0.985 mW/g; SAR (10g): 0.693 mW/g; SAR (Worst-case extrapolation)  
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: -0.04 dB



KWC

04/07/03

**AMPS ch383, Right Tilt**

Liquid Temp = 22C +/- deg.1C

KE414

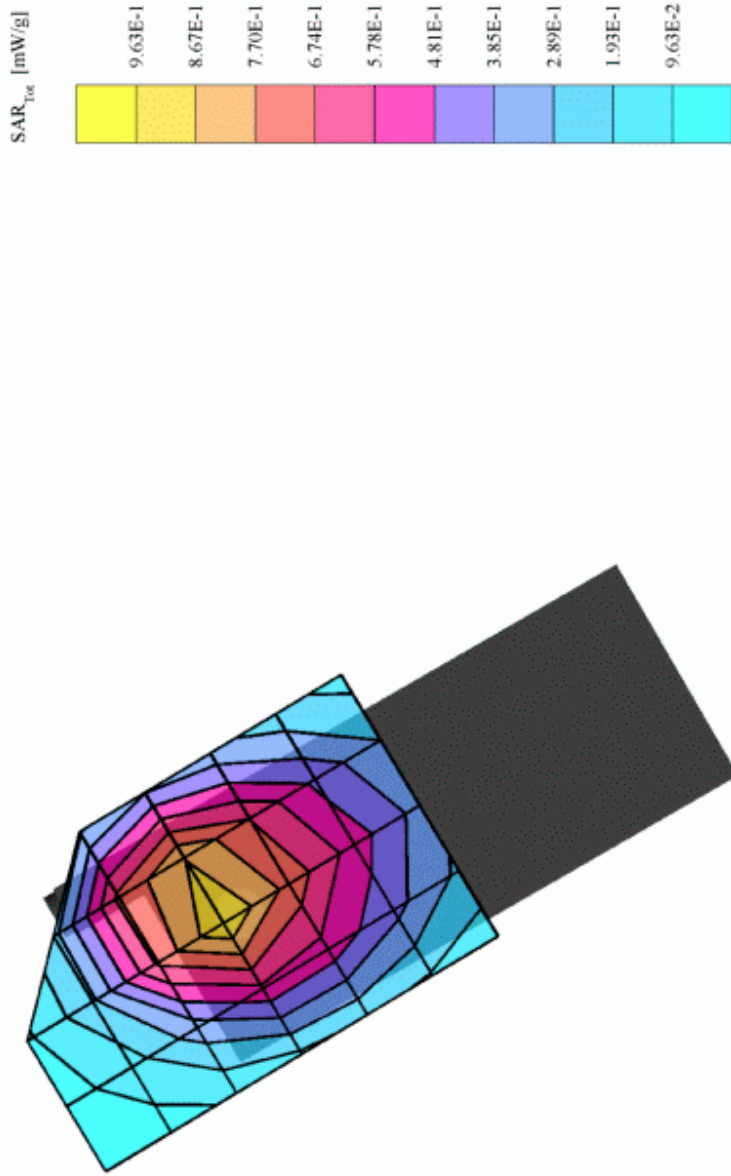
SAMI Phantom; Right Hand Section; Position: (90°, 300°); Frequency: 835 MHz

Probe: ET3DV6 - SNI712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7: SAR (1g): 0.949 mW/g, SAR (10g): 0.613 mW/g, (Worst-case extrapolation)

Course: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.01 dB

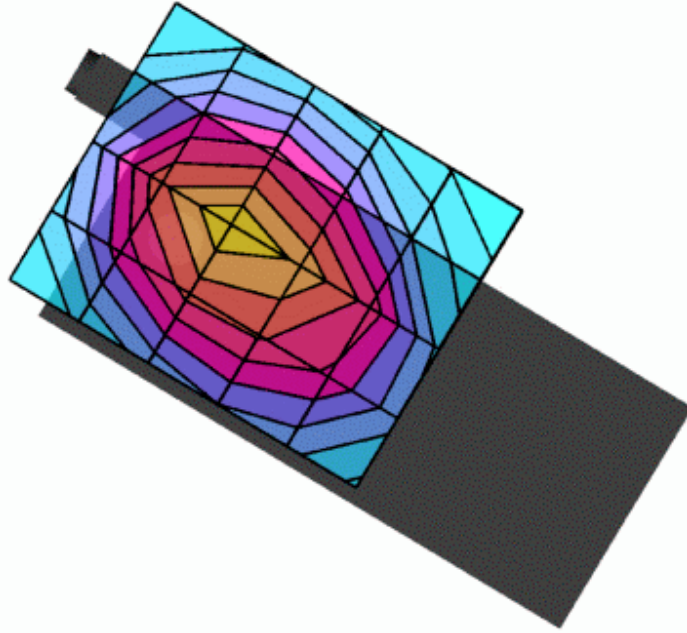
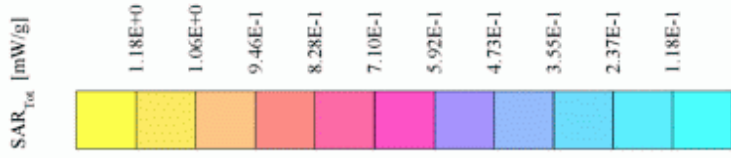


KWC

04/07/03

AMPS ch383, Left Cheek with Backpack Clip

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAMI Phantom; Left Hand Section; Position: (90°, 59°); Frequency: 835 MHz  
 Probe: ET3DV6 - SN1712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 1.12 mW/g; SAR (10g): 0.747 mW/g; (Worst-case extrapolation)  
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: 0.09 dB



KWC

04/07/03

**CDMA-800 ch383, Left Cheek**

Liquid Temp = 22C +/- deg.1C

KE414

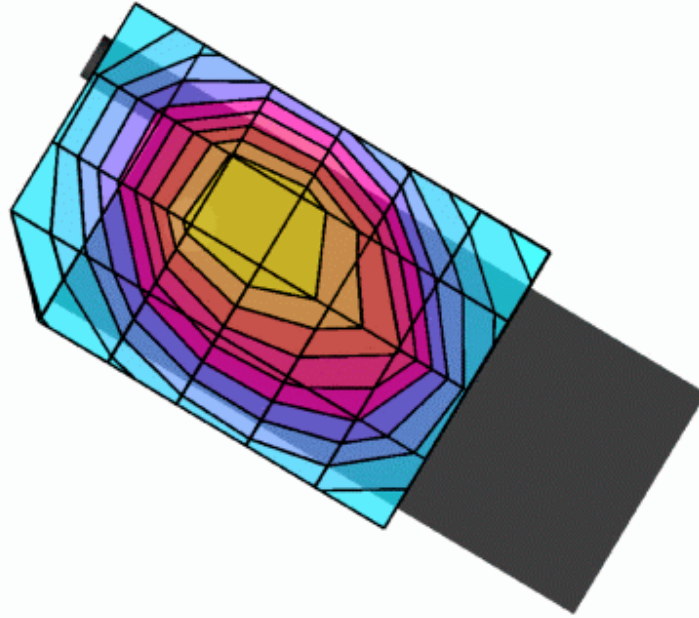
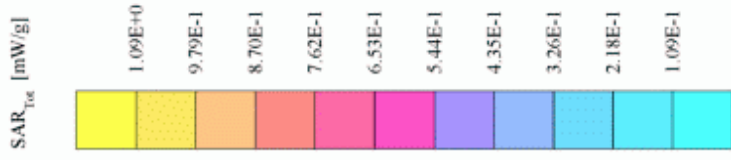
SAM Phantom, Left Hand Section; Position: (90°, 59°); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 1.13 mW/g; SAR (10g): 0.761 mW/g; SAR (Worst-case extrapolation)

Course: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.00 dB



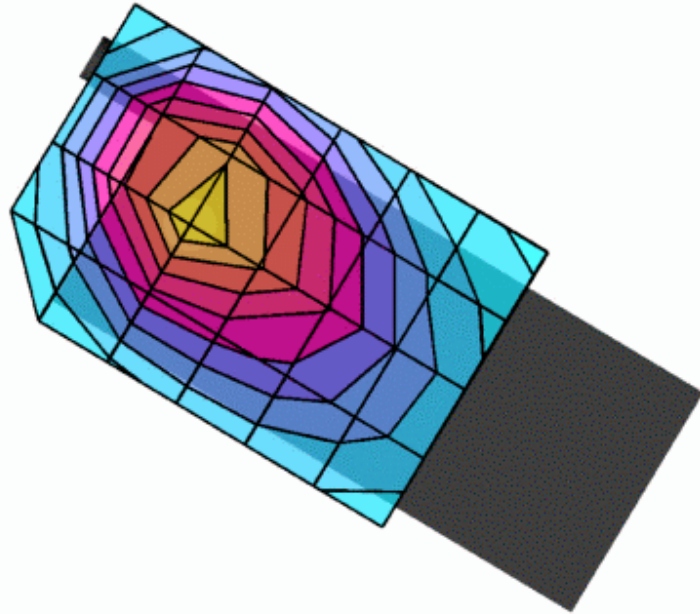
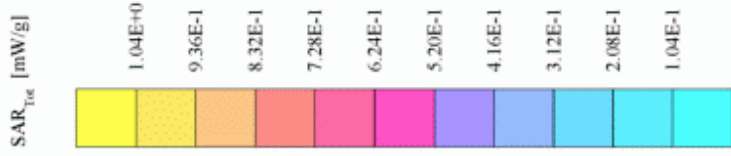
KWC



04/07/03

**CDMA-800 ch383, Left Tilt**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Left Hand Section; Position: (90°, 59°); Frequency: 835 MHz  
 Probe: ETHDY6 - SN1712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 0.999 mW/g; SAR (10g): 0.645 mW/g; (Worst-case extrapolation)  
 Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: 0.06 dB

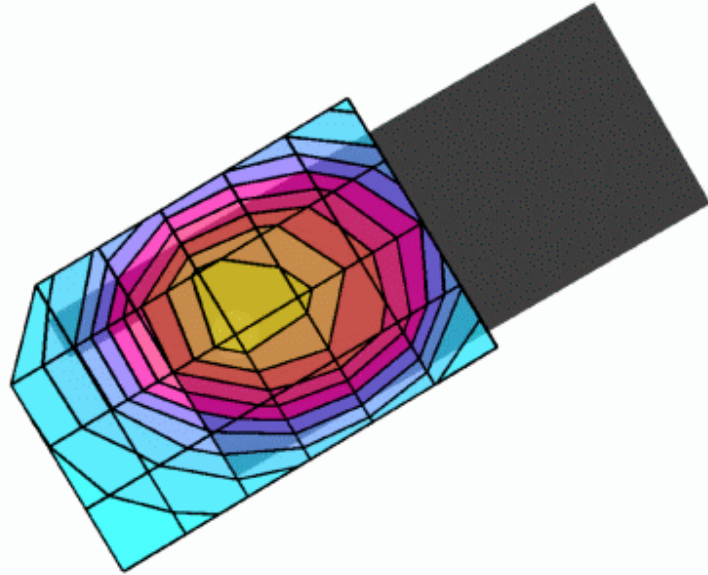
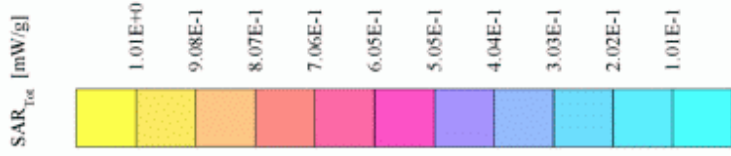


KWC

04/07/03

**CDMA-800 ch383, Right Cheek**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Right Hand Section; Position: (90°, 300°); Frequency: 835 MHz  
 Probe: ETHDY6 - SN1712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_p = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 0.996 mW/g; SAR (10g): 0.698 mW/g; SAR (10g): 0.698 mW/g. (Worst-case extrapolation)  
 Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: 0.04 dB



KWC

04/07/03

**CDMA-800 ch383, Right Tilt**

Liquid Temp = 22C +/- deg.1C

KE414

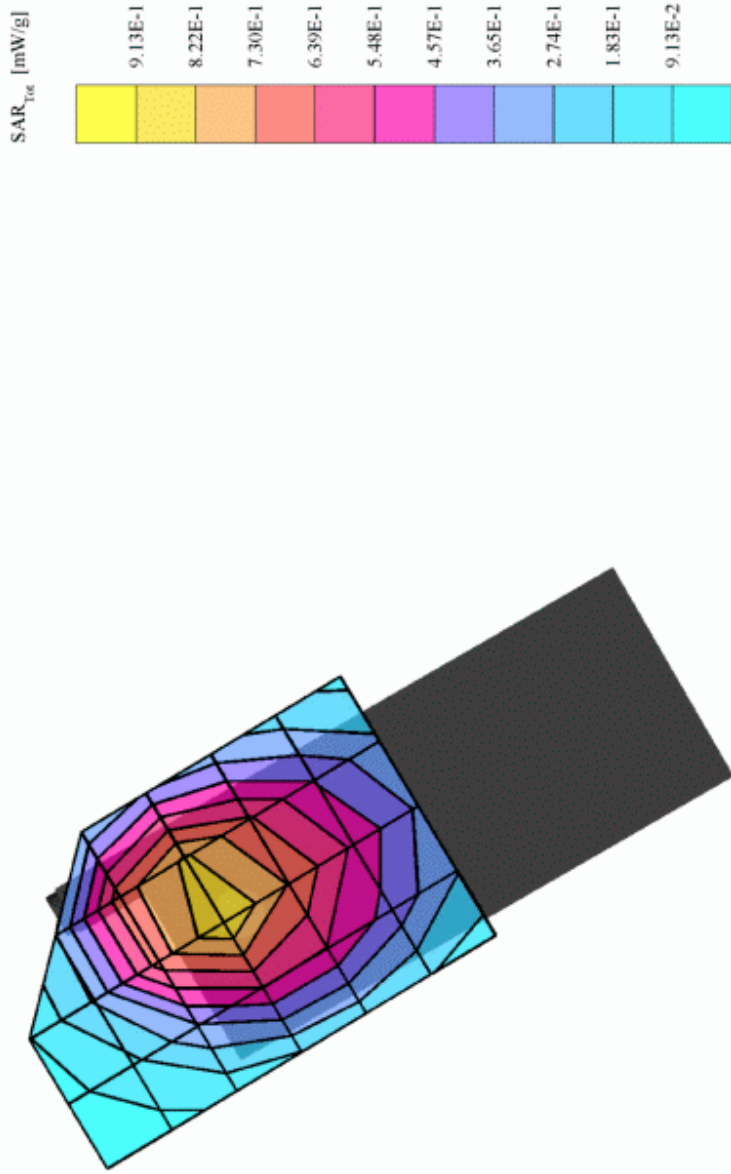
SAM Phantom; Right Hand Section; Position: (90°, 300°); Frequency: 835 MHz

Probe: ET3DV6 - SNI712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 0.907 mW/g; SAR (10g): 0.594 mW/g; SAR (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.05 dB

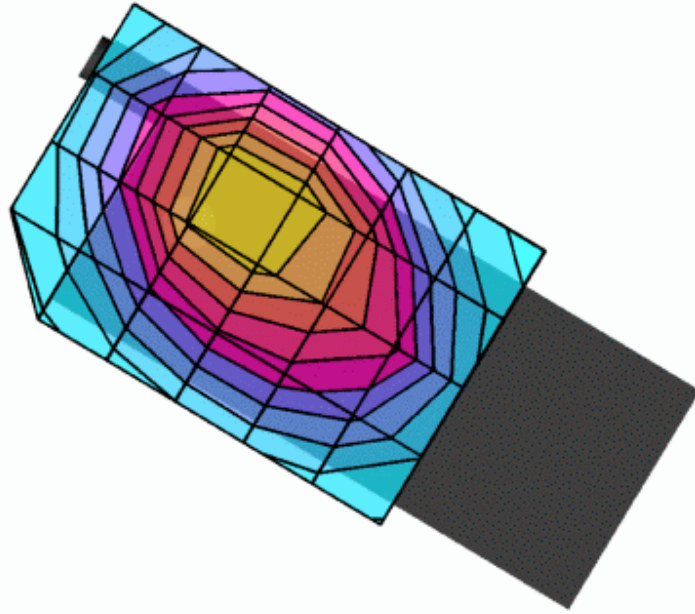
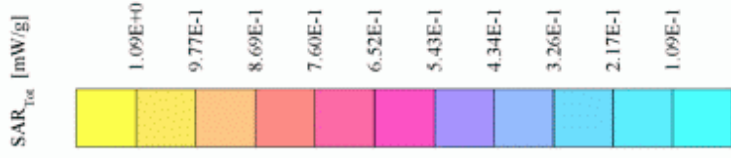


KWC

04/07/03

**CDMA-800 ch383, Left Cheek with Backpack Clip**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Left Hand Section; Position: (90°, 59°); Frequency: 835 MHz  
 Probe: ETHDY6 - SN1712; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 835 MHz Brain:  $\sigma = 0.87$  mho/m  $\epsilon_r = 42.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 1.12 mW/g; SAR (10g): 0.749 mW/g, (Worst-case extrapolation)  
 Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: -0.06 dB

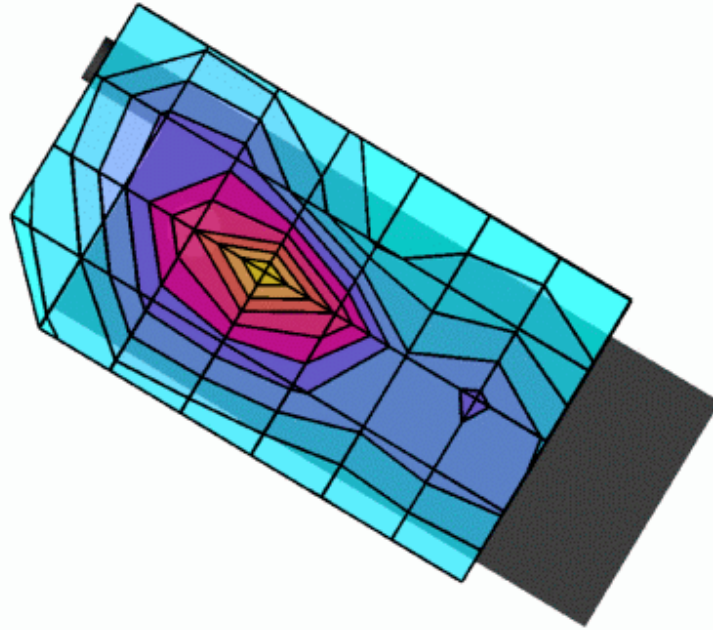
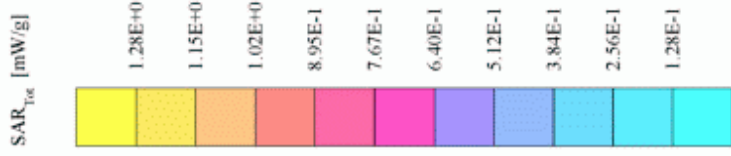


KWC

04/17/03

**CDMA-1900 ch1175, Left Cheek**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Left Hand Section; Position: (90°, 59°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain:  $\sigma = 1.44$  mho/m  $\epsilon_r = 39.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 1.17 mW/g, SAR (10g): 0.617 mW/g, (Worst-case extrapolation)  
 Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdntf: -0.14 dB



KWC

04/17/03

**CDMA-1900 ch25, Left Tilt**

Liquid Temp = 22C +/- deg. 1C

KE414

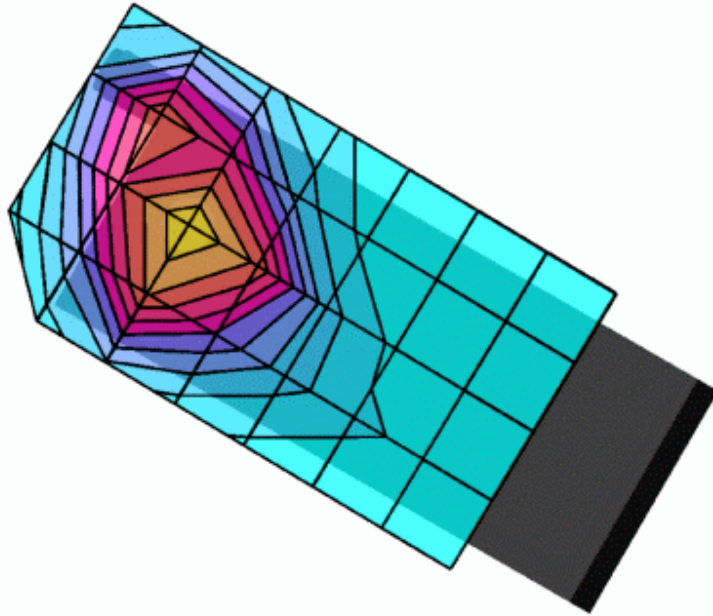
SAM Phantom; Left Hand Section; Position: (79°, 60°); Frequency: 1900 MHz

Probe: ET3DV6 - SNI712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain:  $\sigma = 1.44$  mho/m  $\epsilon_r = 39.7$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 1.20 mW/g; SAR (10g): 0.700 mW/g; SAR (Worst-case extrapolation)

Course: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.04 dB

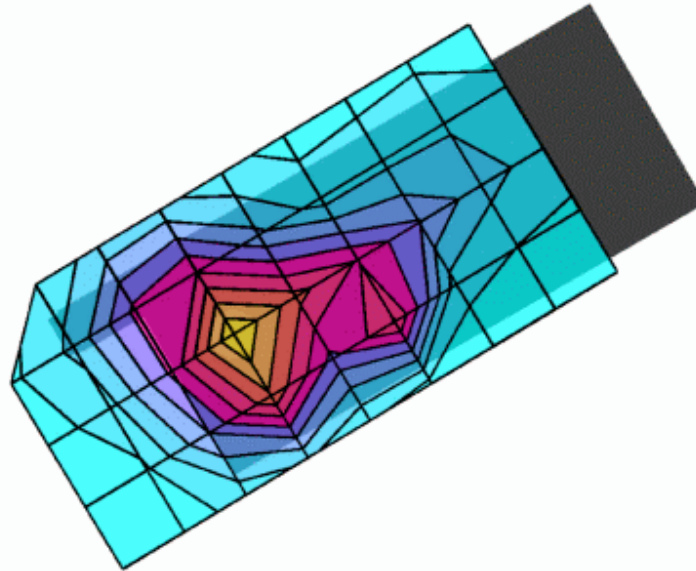
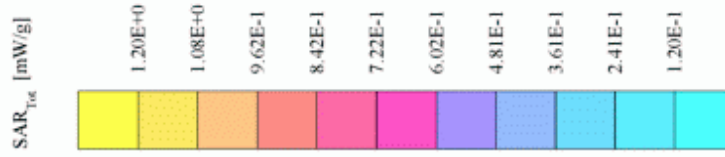


KWC

04/08/03

**CDMA-1900 ch25, Right Cheek**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Right Hand Section; Position: (90°, 300°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain:  $\sigma = 1.44$  mho/m  $\epsilon_r = 39.9$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 1.09 mW/g; SAR (10g): 0.630 mW/g; (Worst-case extrapolation)  
 Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: 0.08 dB



KWC

04/08/03

**CDMA-1900 ch25, Right Tilt**

Liquid Temp = 22C +/- deg.1C

KE414

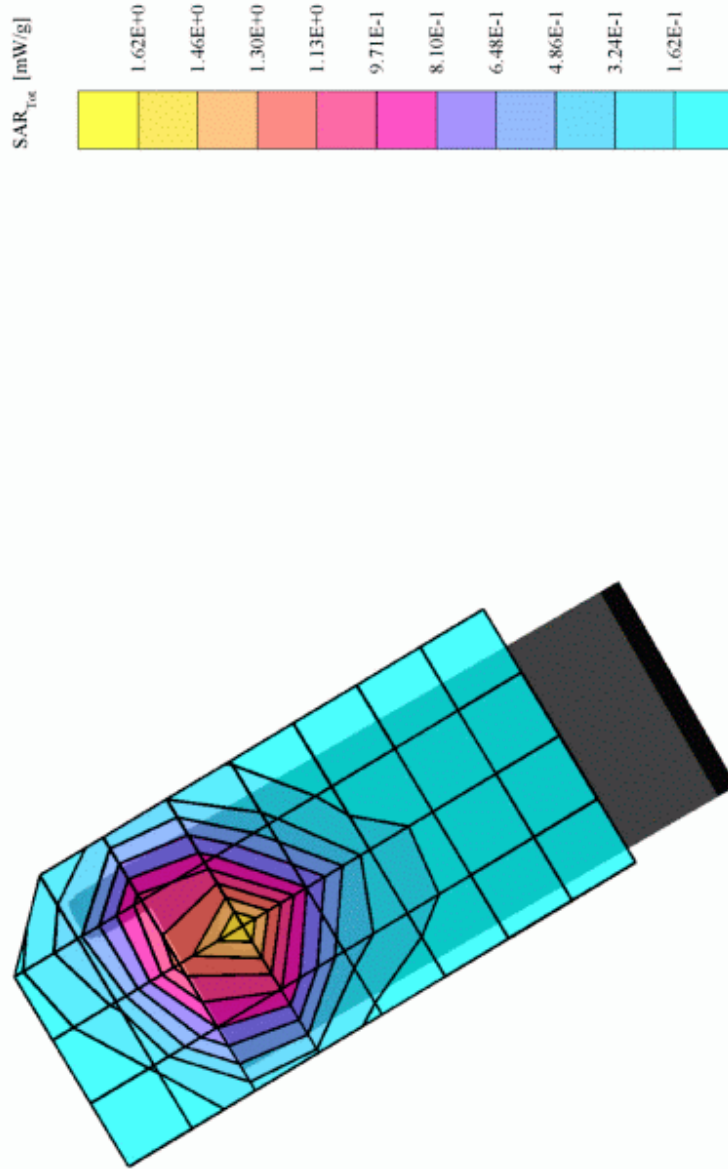
SAM Phantom; Right Hand Section; Position: (79°, 300°); Frequency: 1900 MHz

Probe: ET3DV6 - SNI712; ConvF(5.40, 5.40, 5.40); Crest factor: 1.0; 1900 MHz Brain:  $\sigma = 1.44$  mho/m  $\epsilon_r = 39.9$ ,  $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 1.46 mW/g; SAR (10g): 0.836 mW/g; SAR (10g): 0.836 mW/g; (Worst-case extrapolation)

Course: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.03 dB



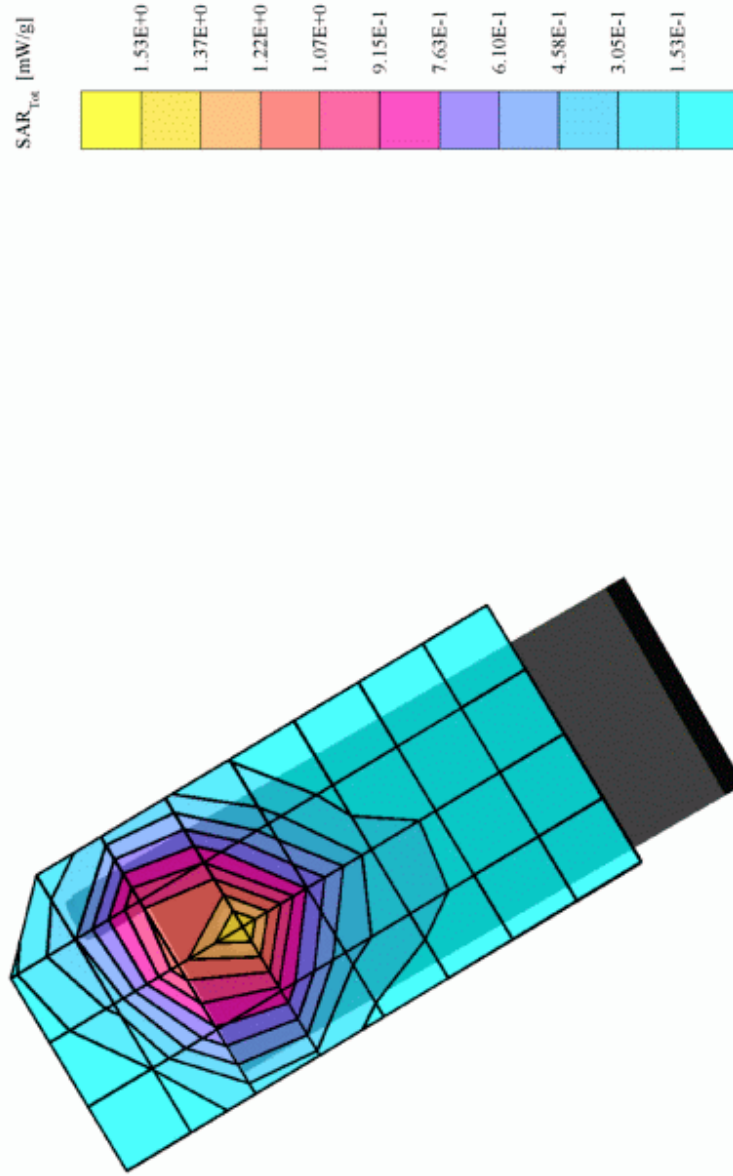
KWC



04/08/03

**CDMA-1900 ch25, Right Tilt with Belt Clip and Backpack Clip**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom, Right Hand Section; Position: (79°,300°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain:  $\sigma = 1.44$  mho/m  $\epsilon_r = 39.9$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 1.39 mW/g, SAR (10g): 0.798 mW/g, (Worst-case extrapolation)  
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Powerdrift: -0.11 dB



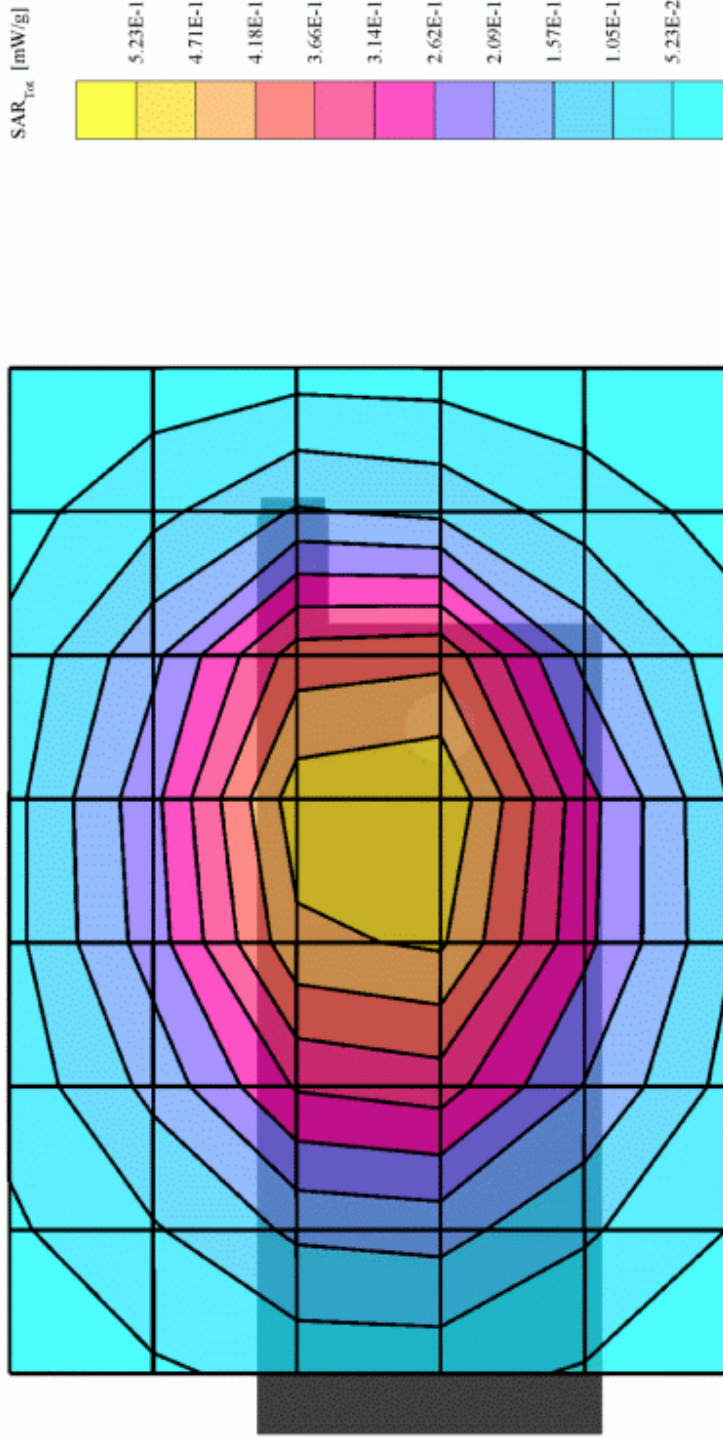
KWC

Section 2  
SAR Distribution plots for Body Worn Configuration

04/08/03

**AMPS ch383, Flat with Belt Clip**

Liquid Temp = 22C +/- deg. 1C  
 KE414  
 SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz  
 Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 0.543 mW/g; SAR (10g): 0.387 mW/g. (Worst-case extrapolation)  
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: 0.06 dB



KWC

04/08/03

**AMPS ch383, Flat with Belt Clip and Backpack Clip**

Liquid Temp = 22C +/- deg. IC

KE414

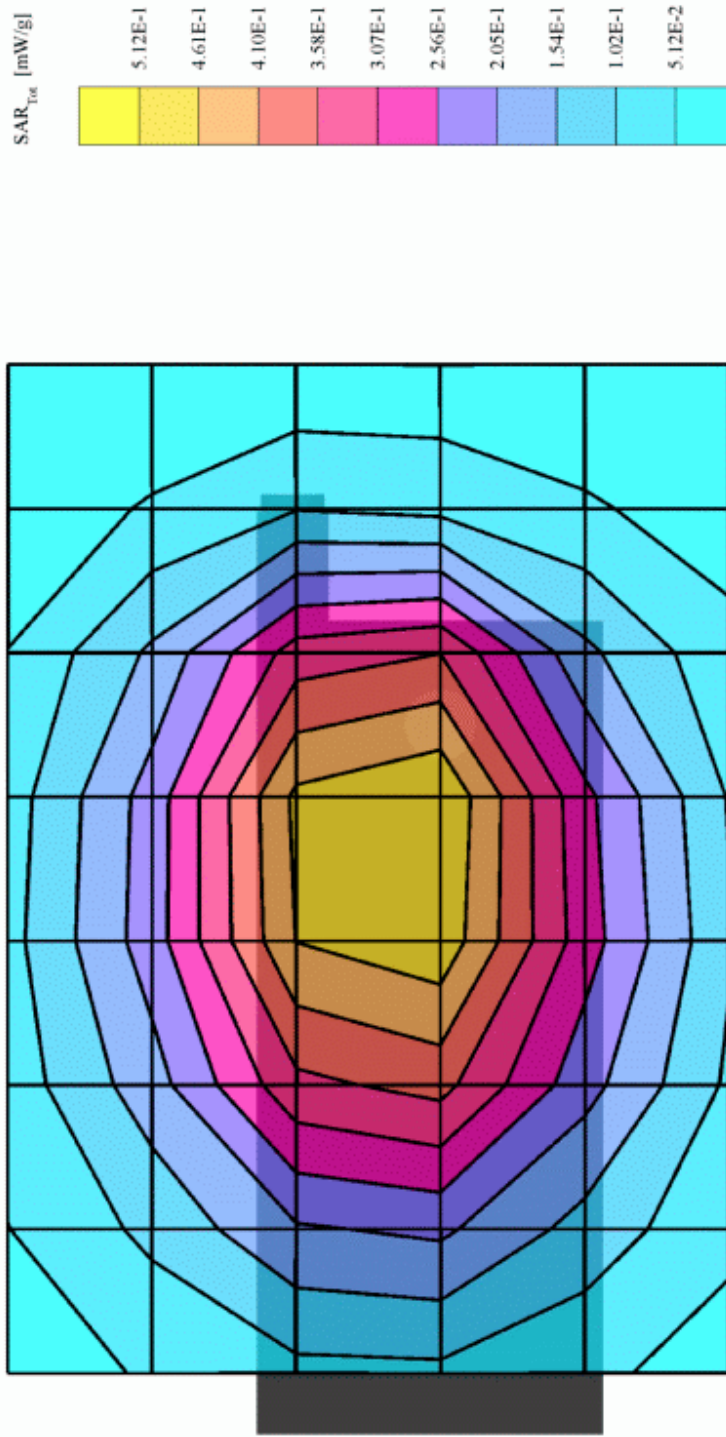
SAMI Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz

Probe: ET3DV6 - SNI712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 0.532 mW/g; SAR (10g): 0.379 mW/g. (Worst-case extrapolation)

Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.08 dB



KWC

04/08/03

**AMPS ch383, Flat with Belt Clip and Backpack Clip**

Liquid Temp = 22C+/-deg.1C

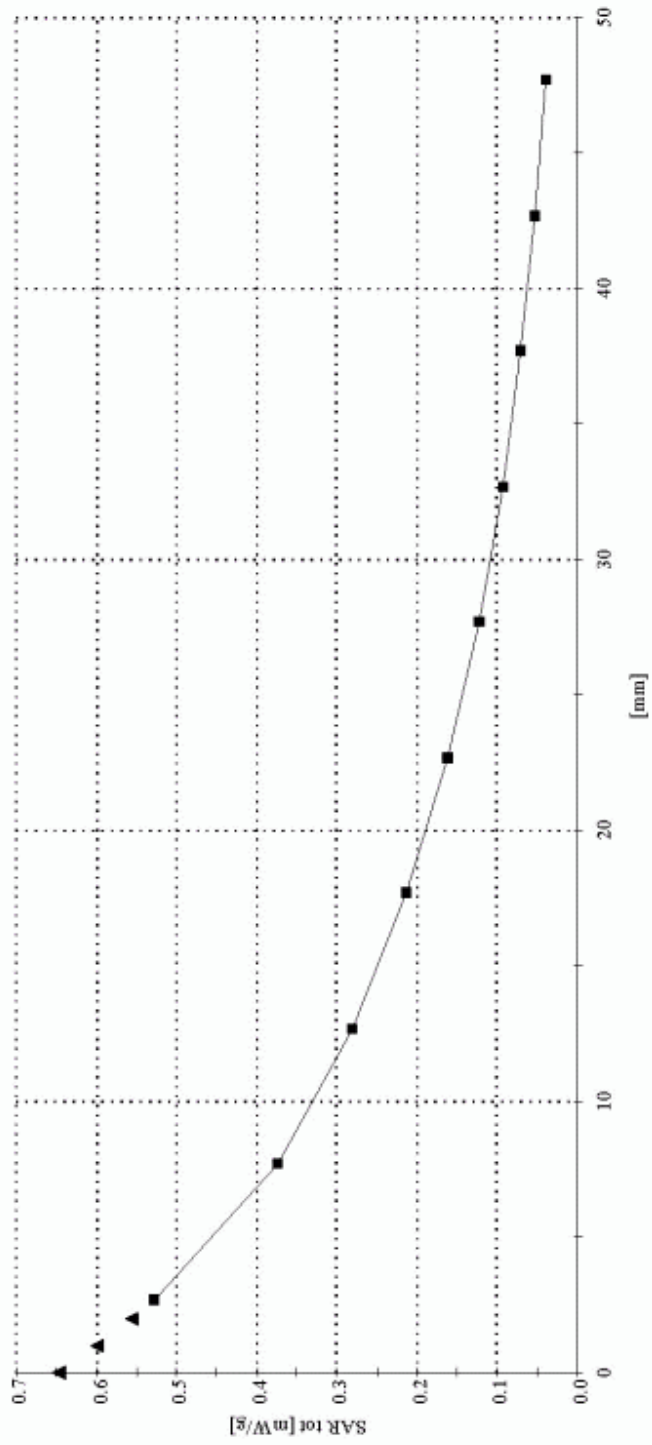
KE414

SAM Phantom; Section; Position: ; Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

: : 0

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0



KWC

04/08/03

**AMPS ch383, Flat with Leather Case**

Liquid Temp = 22C +/- deg. 1C

KE414

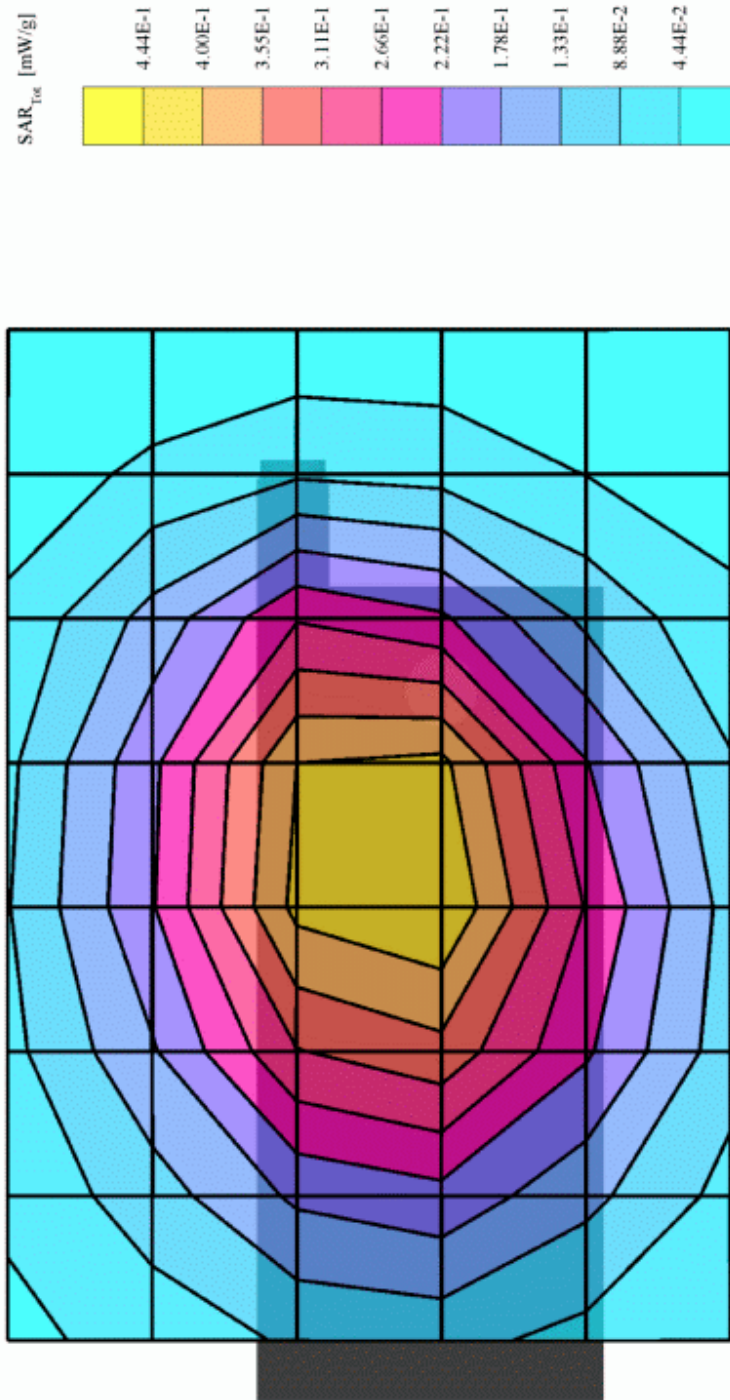
SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz

Probe: ETHDV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle;  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 0.448 mW/g; SAR (10g): 0.321 mW/g; (Worst-case extrapolation)

Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.04 dB

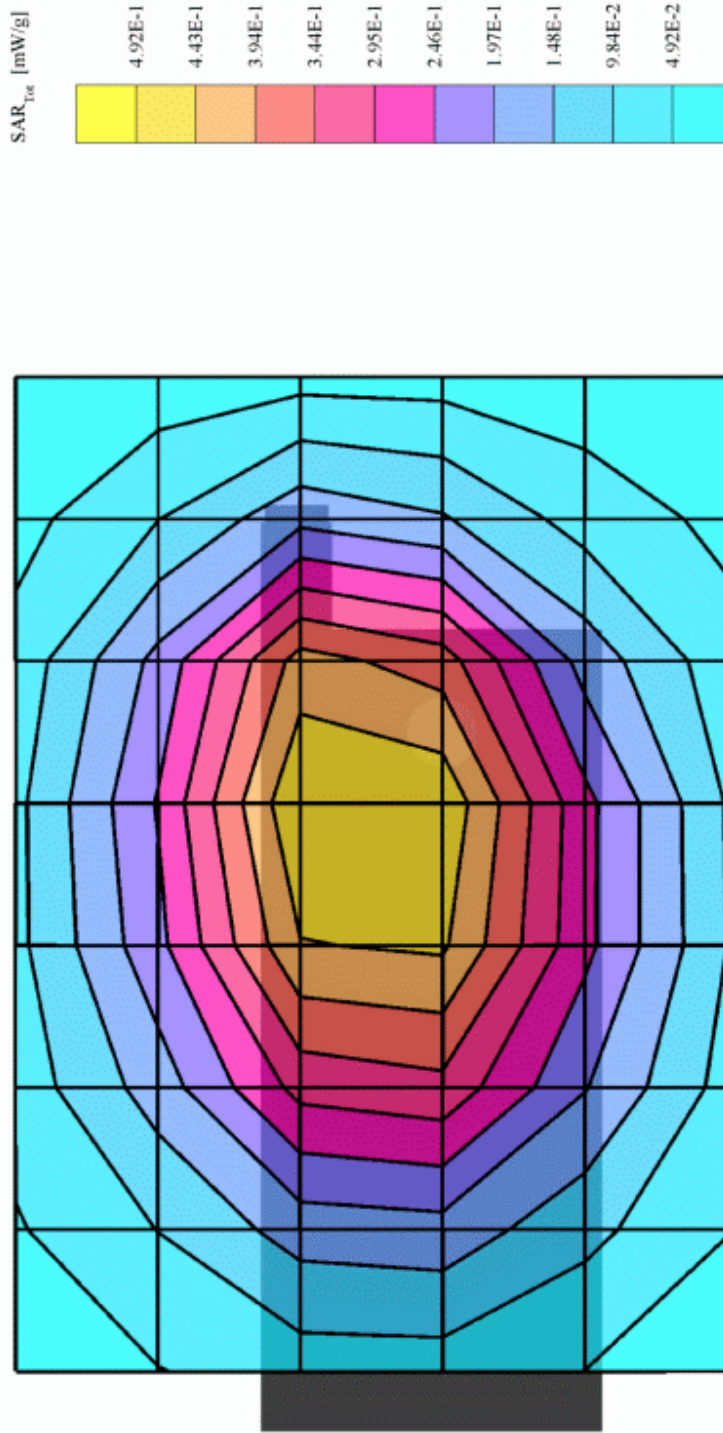


KWC

04/08/03

**AMPS ch383, Flat with 22.5mm Air Gap**

Liquid Temp = 22C +/- deg. 1C  
 KE414  
 SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz  
 Probe: ET3DV6 - SNI712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle;  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 0.520 mW/g; SAR (10g): 0.368 mW/g; SAR (Worst-case extrapolation)  
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: -0.03 dB



KWC

04/08/03

**CDMA-800, ch383 Flat with Belt Clip**

Liquid Temp = 22C +/- deg.1C

KE414

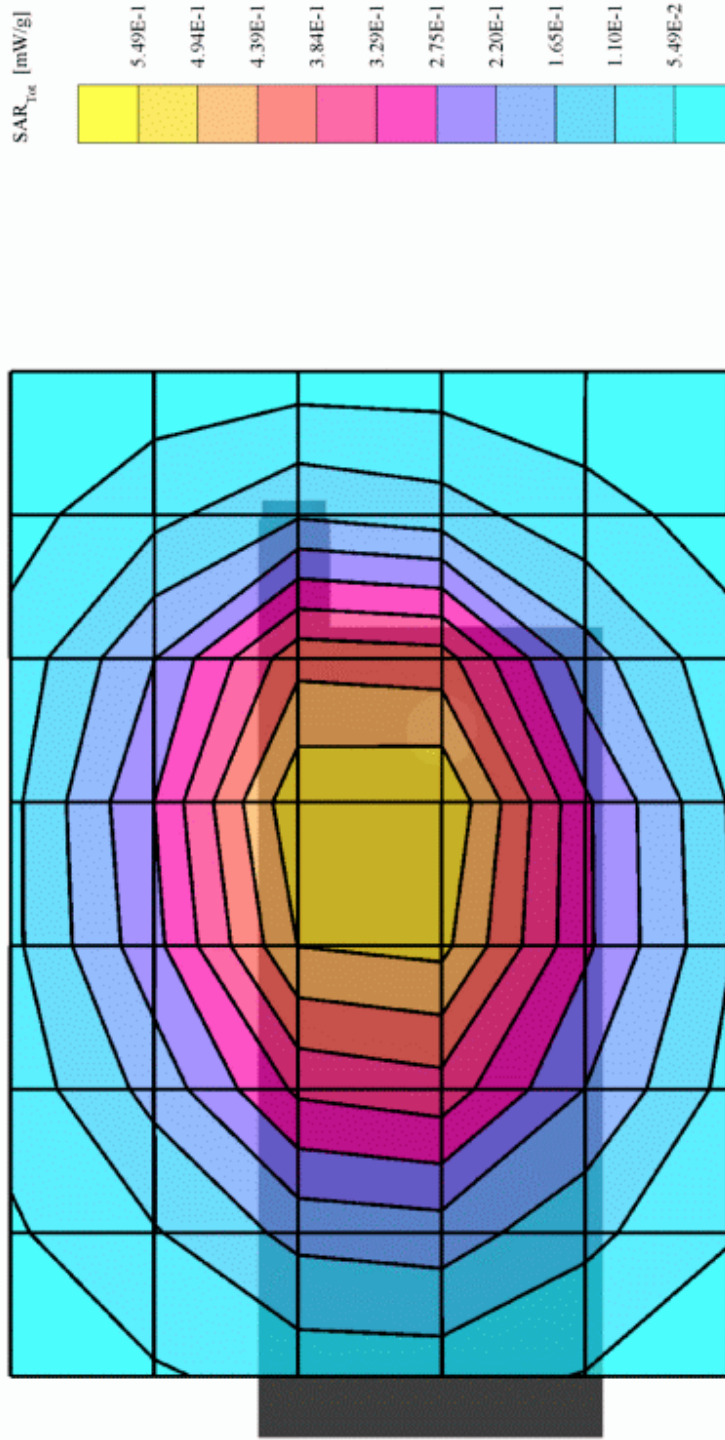
SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 0.575 mW/g; SAR (10g): 0.411 mW/g. (Worst-case extrapolation)

Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.00 dB



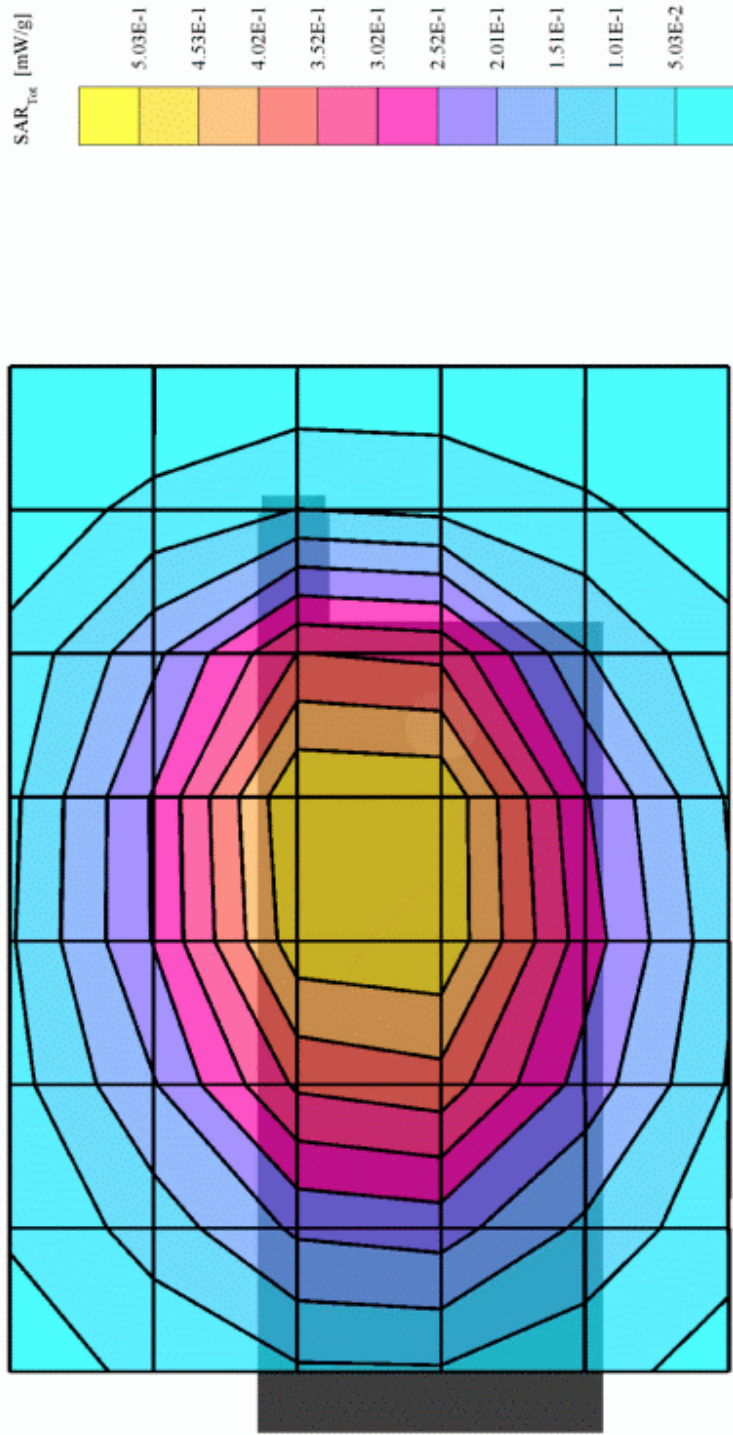
KWC



04/08/03

**CDMA-800, ch383 Flat with Belt Clip and Backpack Clip**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz  
 Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 0.531 mW/g; SAR (10g): 0.379 mW/g; (Worst-case extrapolation)  
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: 0.05 dB

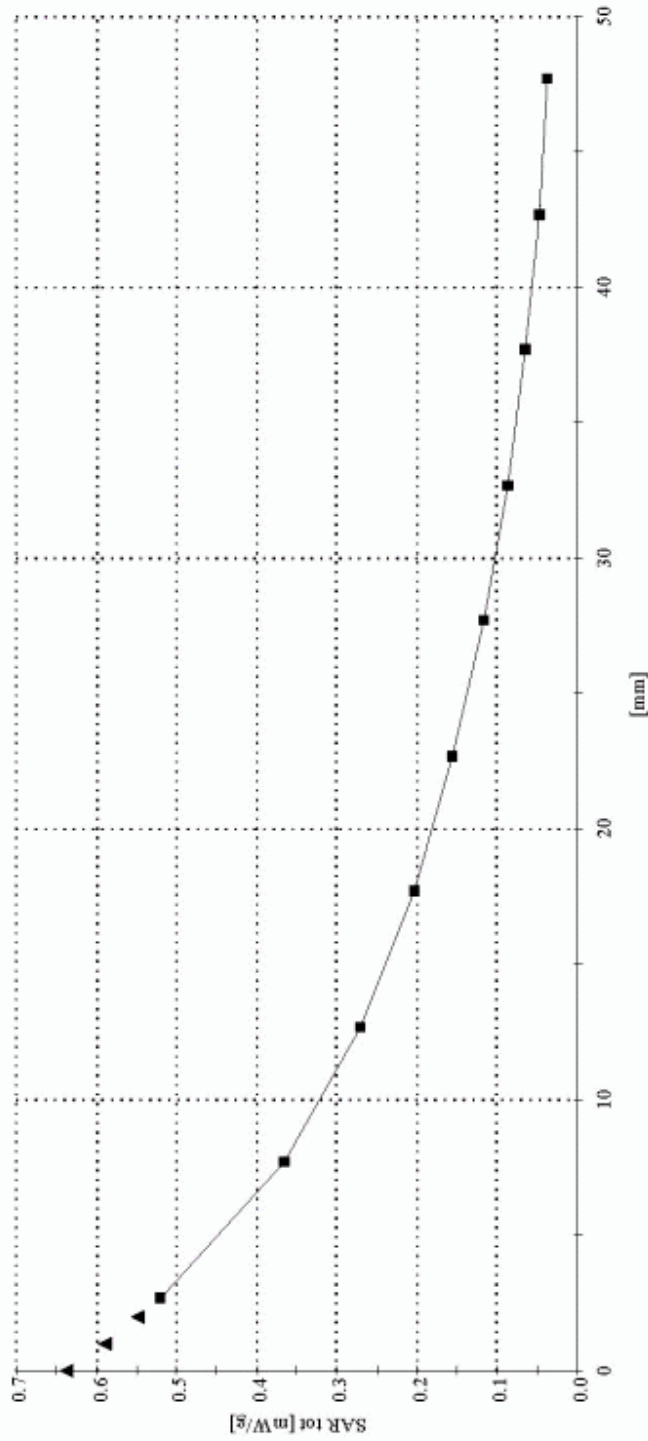


KWC

04/08/03

**CDMA-800, ch383 Flat with Belt Clip and Backpack Clip**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Section; Position; Frequency: 835 MHz  
 Probe: ET3DY6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
 ; : 0  
 Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0



KWC

04/08/03

**CDMA-800, ch383 Flat with Leather Case**

Liquid Temp = 22C +/- deg.1C

KE414

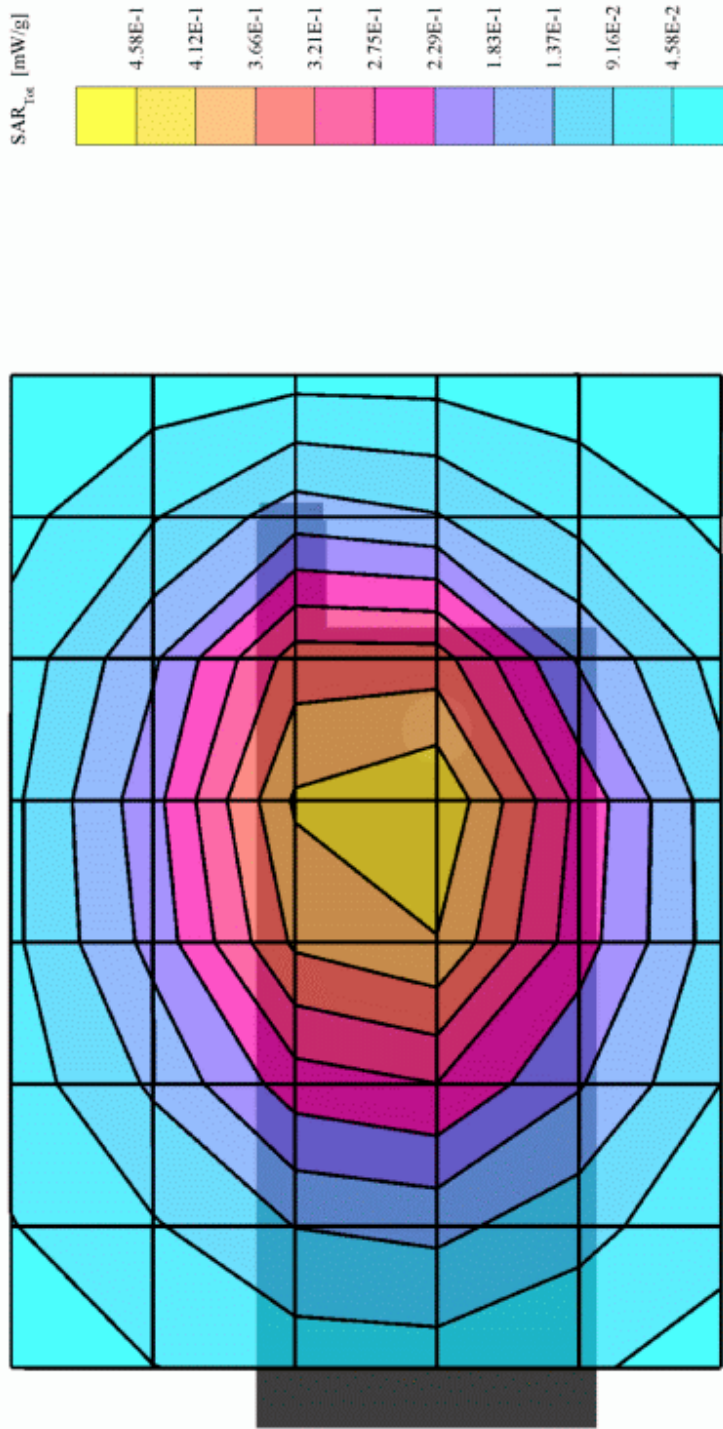
SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 0.460 mW/g; SAR (10g): 0.327 mW/g. (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.01 dB



KWC

04/08/03

**CDMA-800, ch383 Flat with 22.5mm Air Gap**

Liquid Temp = 22C +/- deg.1C

KE414

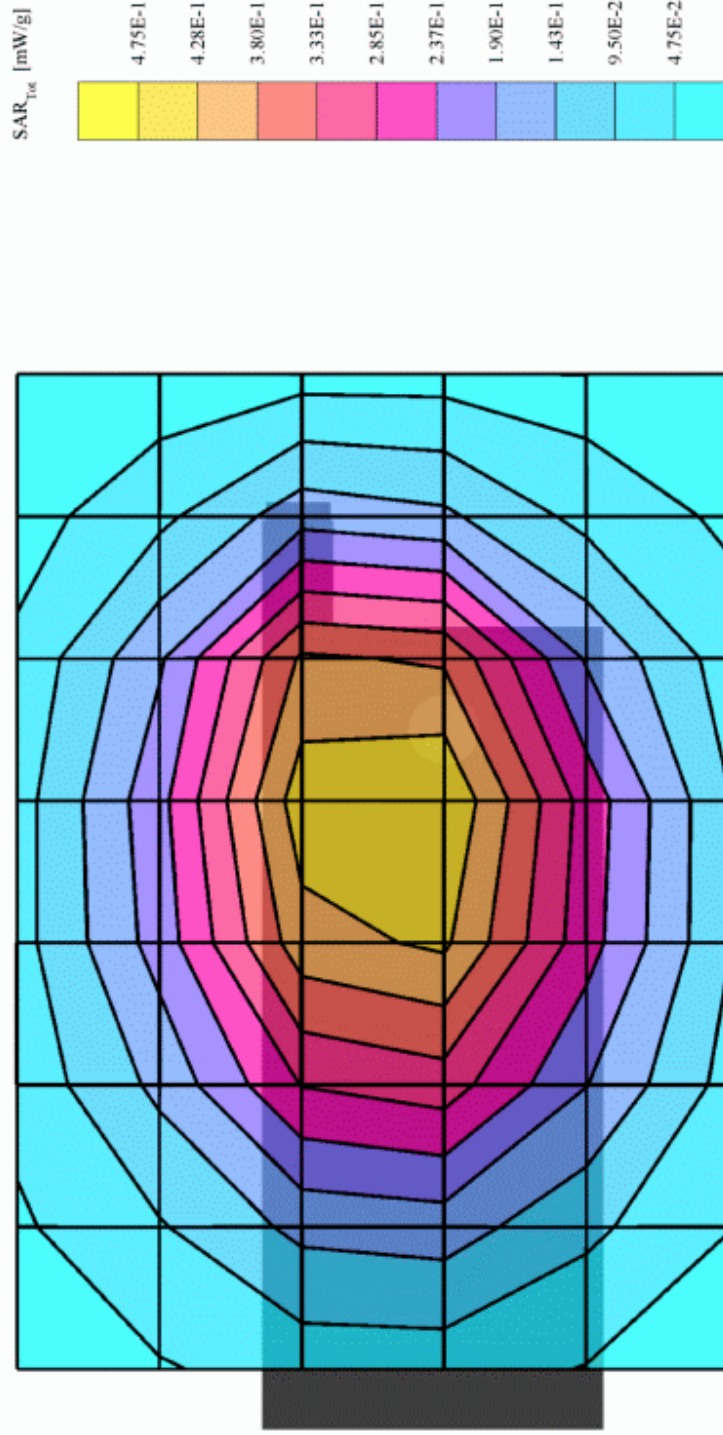
SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30); Crest factor: 1.0; 835 MHz Muscle:  $\sigma = 0.94$  nrho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 0.524 mW/g; SAR (10g): 0.365 mW/g; SAR (10g): 0.365 mW/g; (Worst-case extrapolation)

Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.10 dB

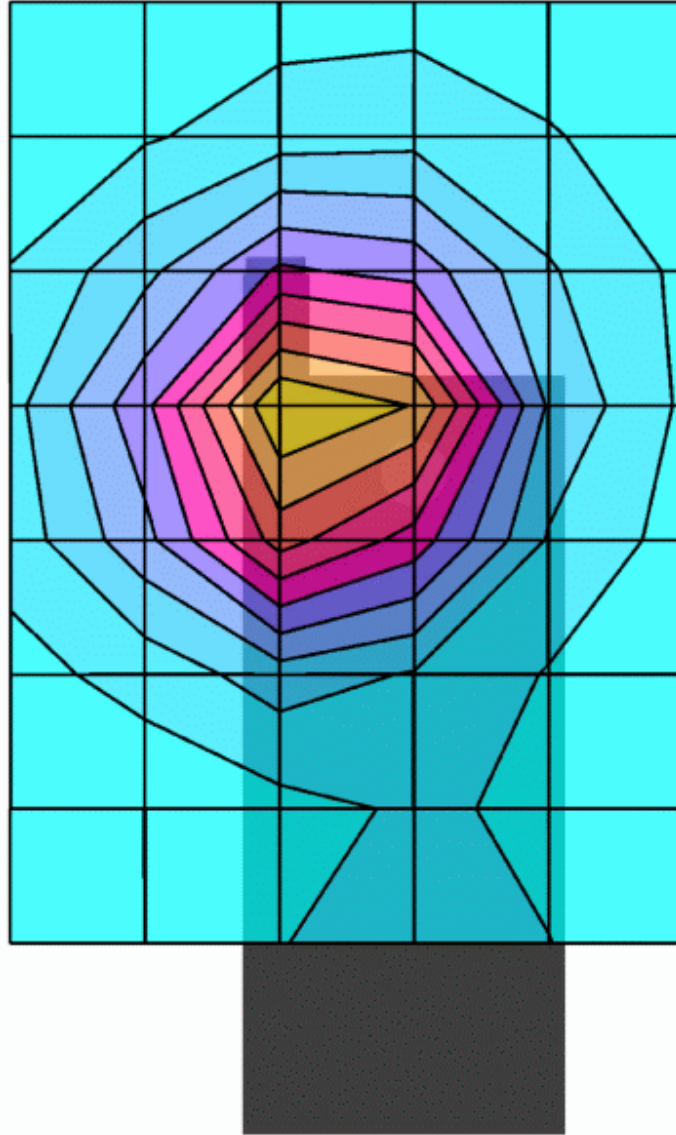
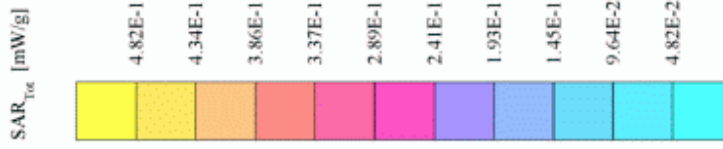


KWC

04/09/03

**CDMA-1900 ch25, Flat with Belt Clip**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.2$  p = 1.00 g/cm<sup>3</sup>  
 Cube 7x7x7; SAR (1g): 0.505 mW/g; SAR (10g): 0.307 mW/g; SAR (10g): 0.307 mW/g; (Worst-case extrapolation)  
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: 0.03 dB



KWC

04/09/03

**CDMA-1900 ch25, Flat with Belt Clip and Backpack Clip**

Liquid Temp = 22C +/- deg.1C

KE414

SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 1900 MHz

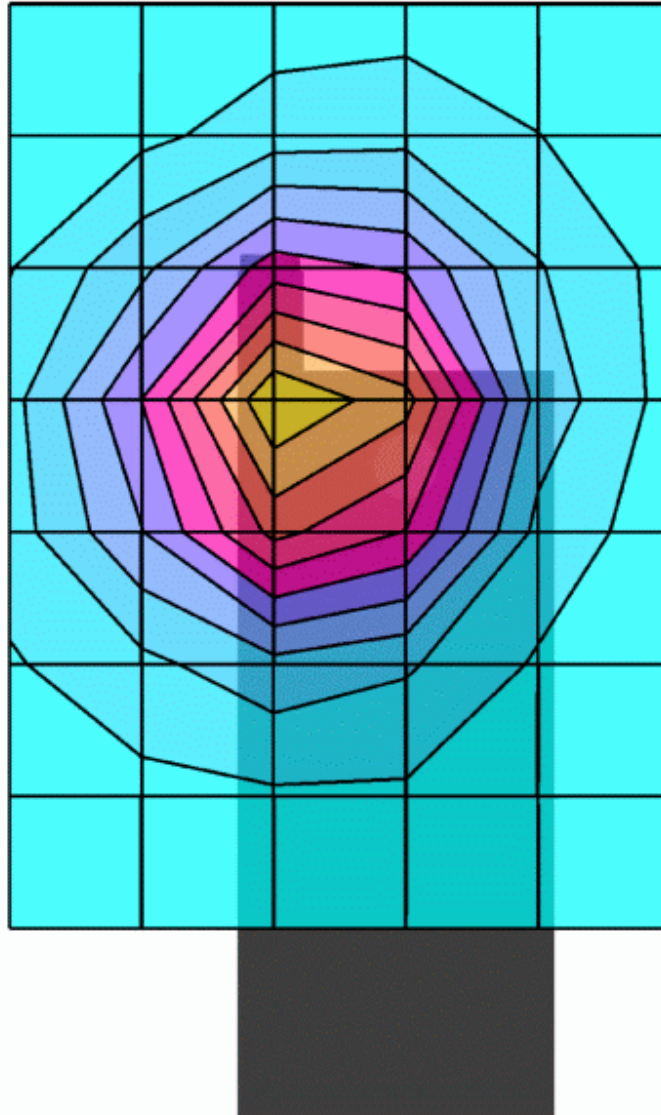
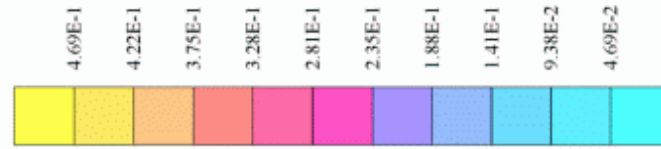
Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.2$  p = 1.00 g/cm<sup>3</sup>

Cube 7x7x7; SAR (1g): 0.451 mW/g; SAR (10g): 0.280 mW/g. (Worst-case extrapolation)

Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.13 dB

SAR<sub>Tot</sub> [mW/g]



KWC

04/09/03

**CDMA-1900 ch25, Flat with Belt Clip and Backpack Clip**

Liquid Temp = 22C +/- deg.1C

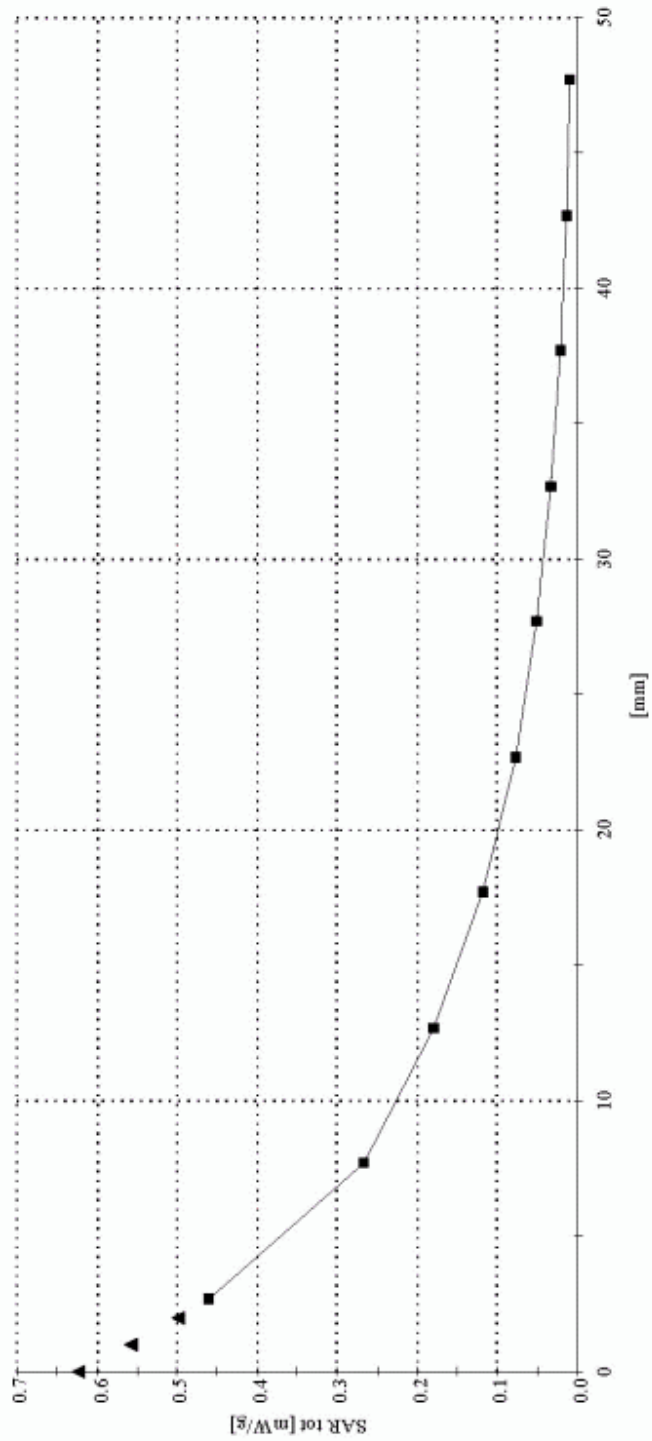
KE414

SAM Phantom; Section; Position; Frequency: 1900 MHz

Probe: ET3DY6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.2$  p = 1.00 g/cm<sup>3</sup>

z, 0

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

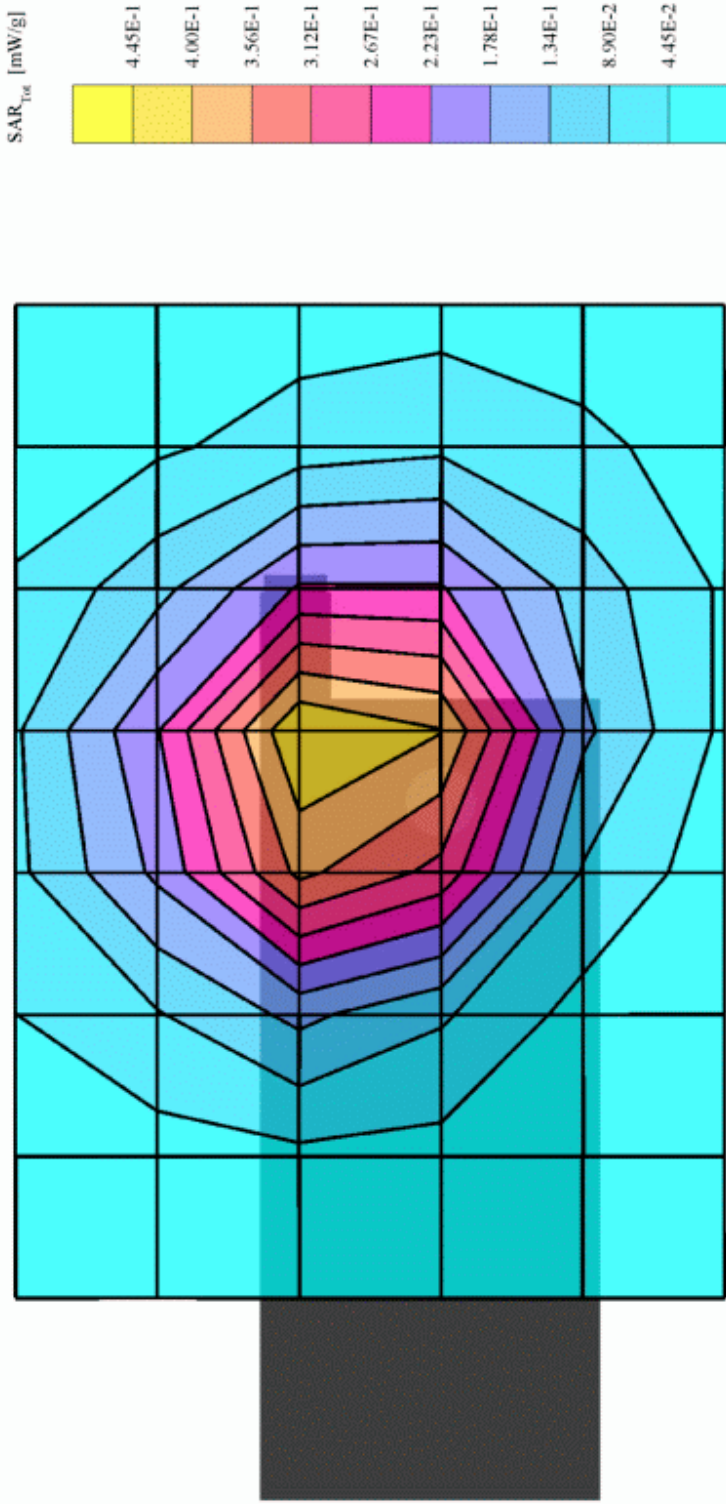


KWC

04/09/03

**CDMA-1900 ch25, Flat with Leather Case**

Liquid Temp = 22C +/- deg.1C  
 KE414  
 SAM Phantom; Flat Section; Position: (90° 90°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 0.470 mW/g, SAR (10g): 0.287 mW/g. (Worst-case extrapolation)  
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: -0.19 dB



KWC



04/09/03

**CDMA-1900 ch25, Flat with 22.5mm Air Gap**

Liquid Temp = 22C +/- deg.1C

KE414

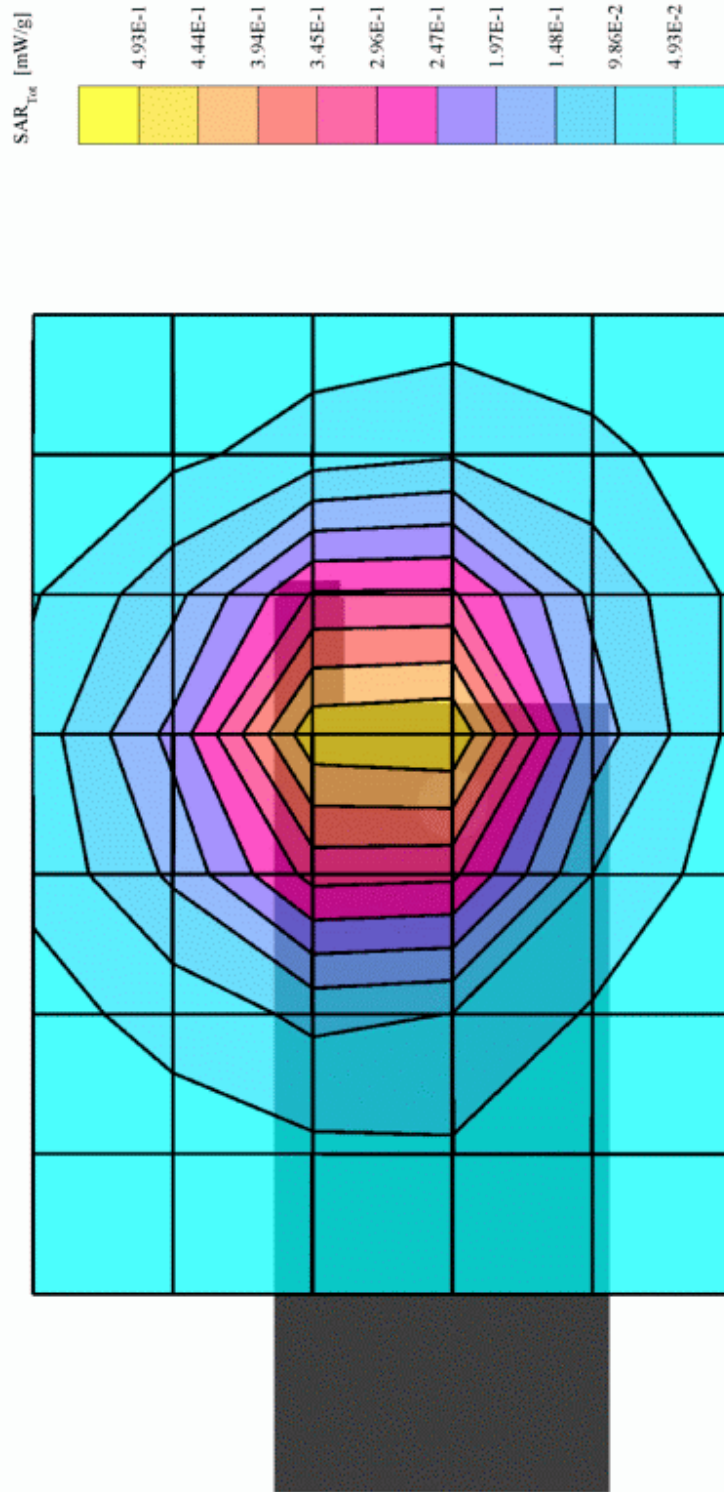
SAM Phantom; Flat Section; Position: (90°-90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7: SAR (1g): 0.504 mW/g, SAR (10g): 0.313 mW/g. (Worst-case extrapolation)

Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.08 dB

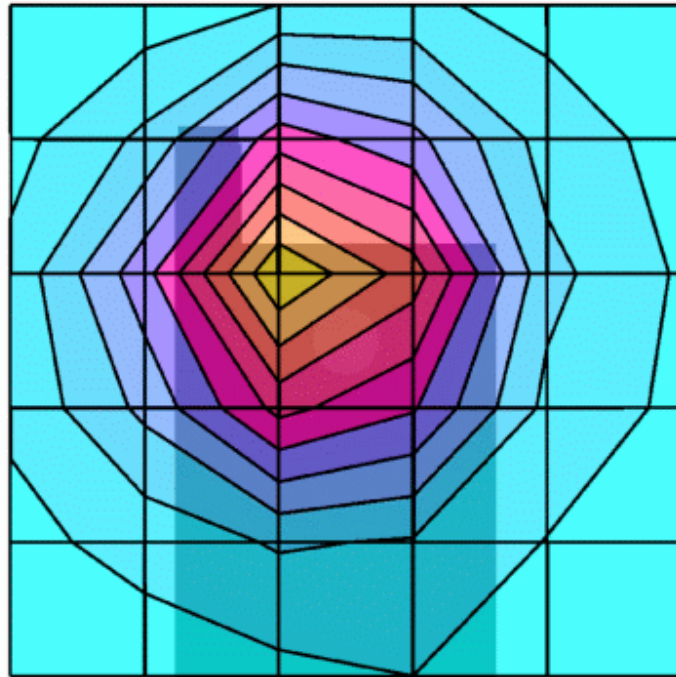
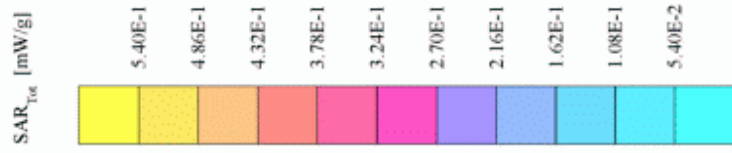


KWC

03/30/03

**CDMA-1900, ch25 Flat with 22.5mm Air Gap**

Liquid Temp = 22C +/- deg.1C  
 KE 424C  
 SAM Phantom; Flat Section; Position: (90° 90°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 0.516 mW/g, SAR (10g): 0.316 mW/g. (Worst-case extrapolation)  
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: -0.08 dB

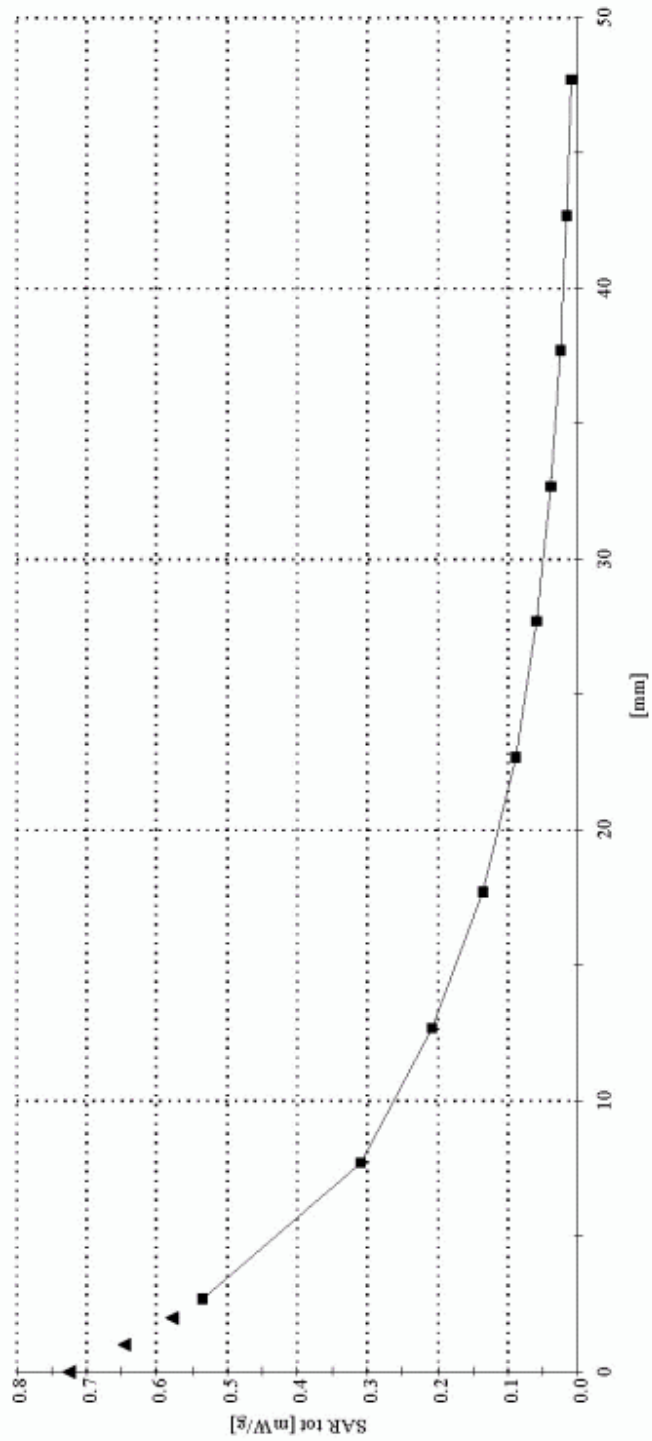


KWC

03/30/03

**CDMA-1900, ch25 Flat with 22.5mm Air Gap**

Liquid Temp = 22C +/- deg.C  
 KE 424C  
 SAM Phantom; Section; Position; Frequency: 1900 MHz  
 Probe: ET3DY6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 ;, 0  
 Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

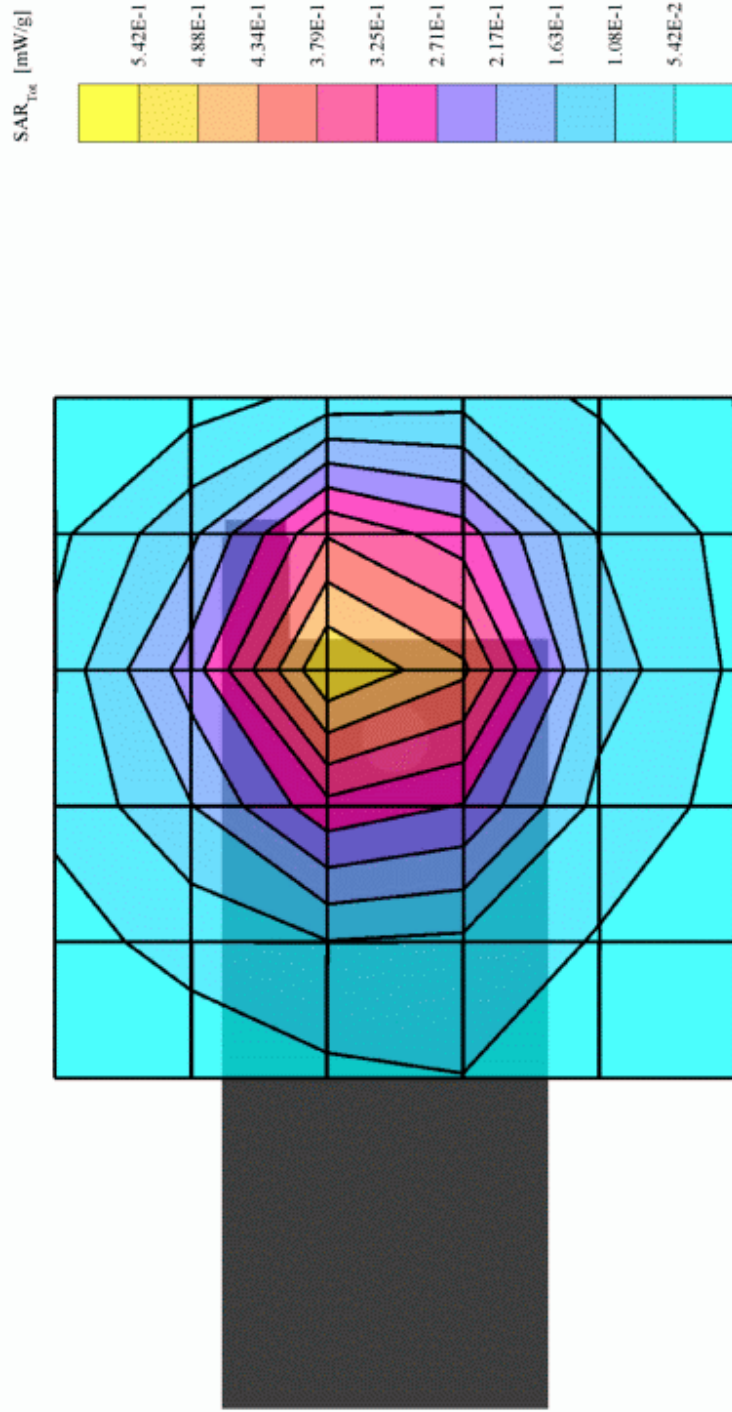


KWC

03/30/03

**CDMA-1900, ch25 Flat with 22.5mm Air Gap with Backpack Clip**

Liquid Temp = 22C +/- deg.1C  
 KE 424C  
 SAM Phantom; Flat Section; Position: (90° 90°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle:  $\sigma = 1.48$  mho/m  $\epsilon_r = 53.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cube 7x7x7: SAR (1g): 0.524 mW/g, SAR (10g): 0.321 mW/g. (Worst-case extrapolation)  
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: -0.26 dB



KWC