

APPENDIX B:
SAR Distribution Plots
For
Model KE433

Section 1

SAR Distribution plots for Head Adjacent Use Configuration

06/01/03

KE433

CDMA-1900 ch600 Left Cheek with Model "G" Antenna

Liquid Temp = 22C $\pm$ 1deg.C

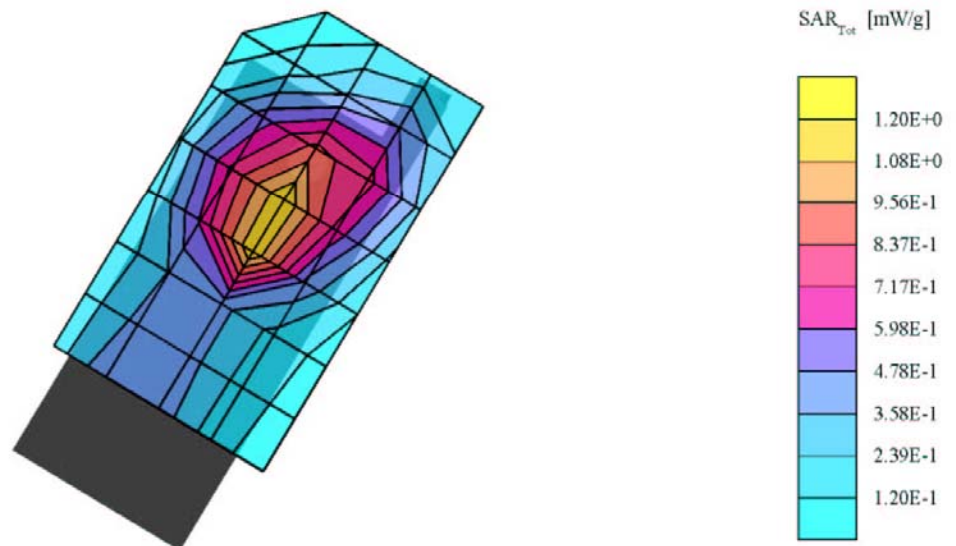
SAM Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 1.21 mW/g, SAR (10g): 0.677 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.08 dB



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900 ch25 Left Tilt with Model "G" Antenna

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

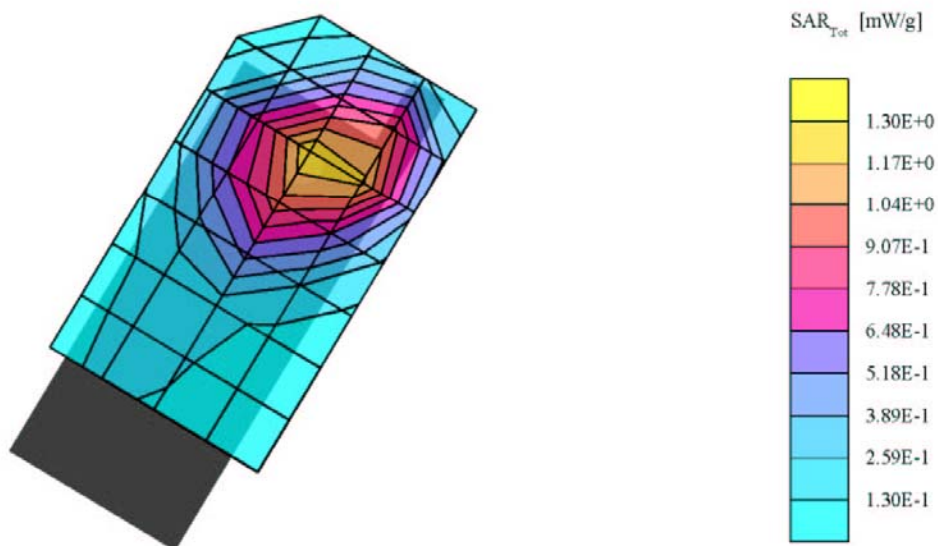
SAM Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 1.27 mW/g, SAR (10g): 0.724 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.06 dB



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900 ch25 Left Tilt with Model "G" antenna

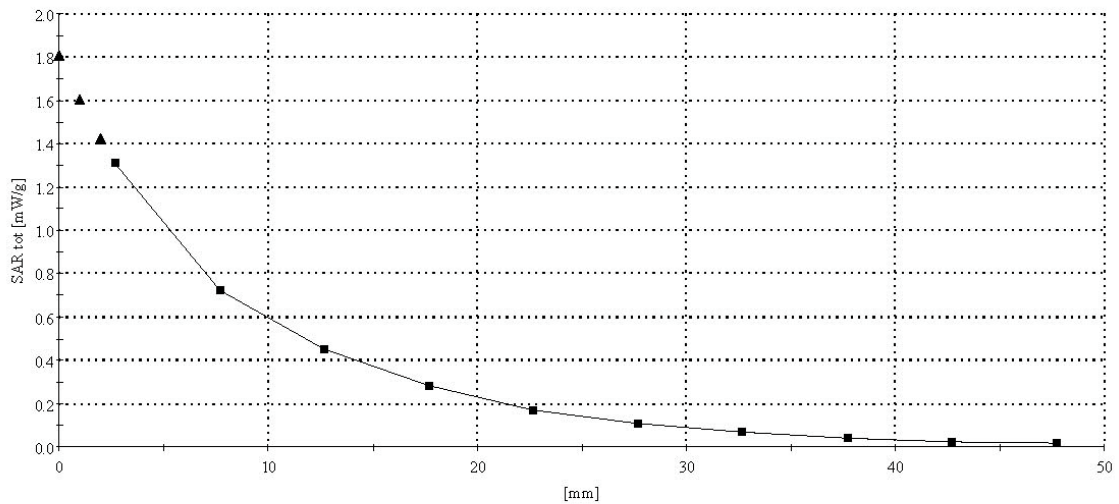
Liquid Temp = 22C[±]1deg.C

SAM Phantom; Section; Position:; Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 41.3$ $\rho = 1.00 \text{ g/cm}^3$

: , ()

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



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900 ch1175 Right Cheek with Model "G" Antenna

Liquid Temp = 22C $\pm$ 1deg.C

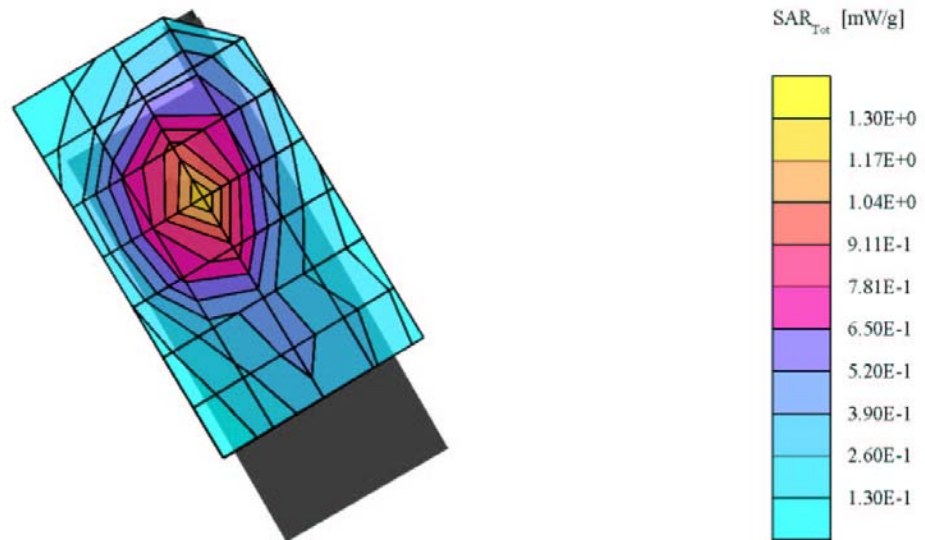
SAM Phantom; Right Hand Section; Position: (90 $^{\circ}$,300 $^{\circ}$); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm 3

Cube 7x7x7: SAR (1g): 1.20 mW/g, SAR (10g): 0.675 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.05 dB



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900 ch25 Right Tilt with Model "G" antenna

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

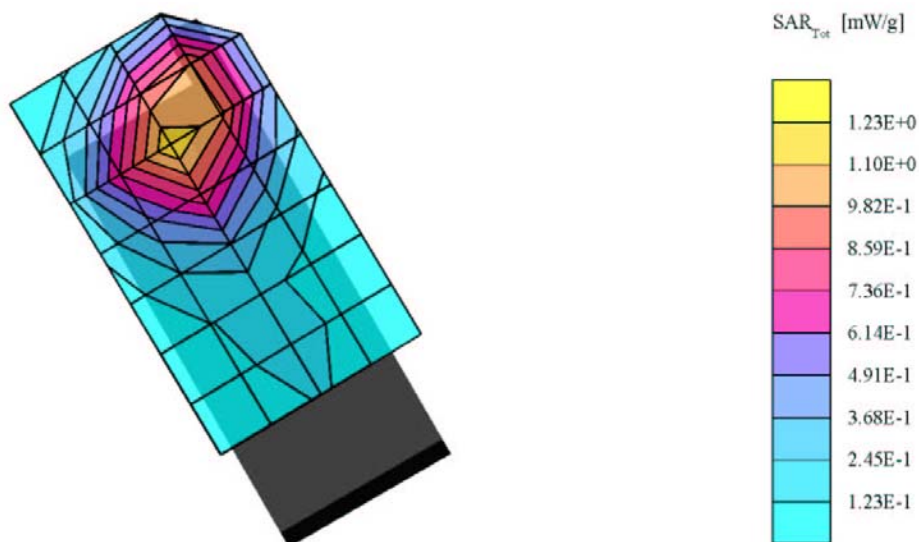
SAM Phantom; Right Hand Section; Position: (79°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 1.16 mW/g, SAR (10g): 0.672 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.04 dB



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900, ch25 Left Tilt with Model "Y" antenna

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

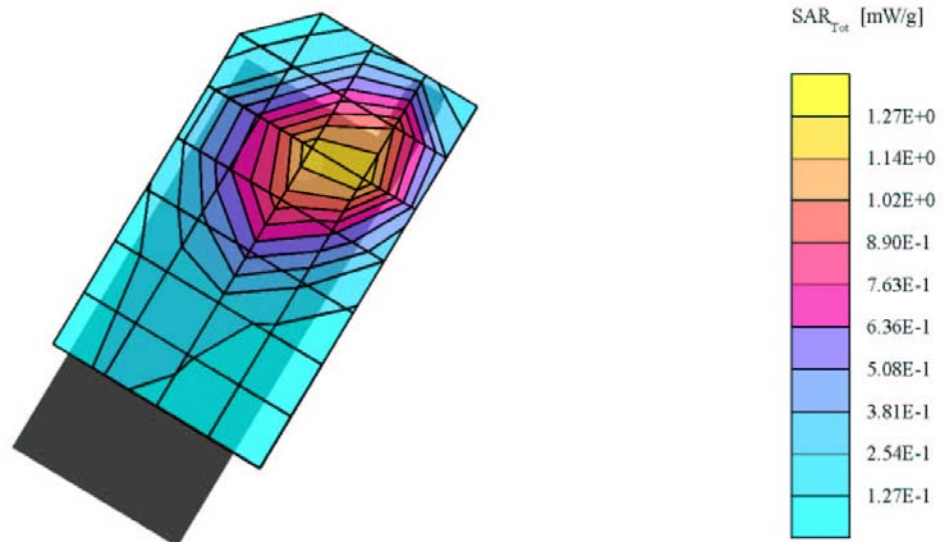
SAM Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 1.30 mW/g, SAR (10g): 0.728 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.11 dB



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900, ch25 Left Tilt with Model "Y" antenna

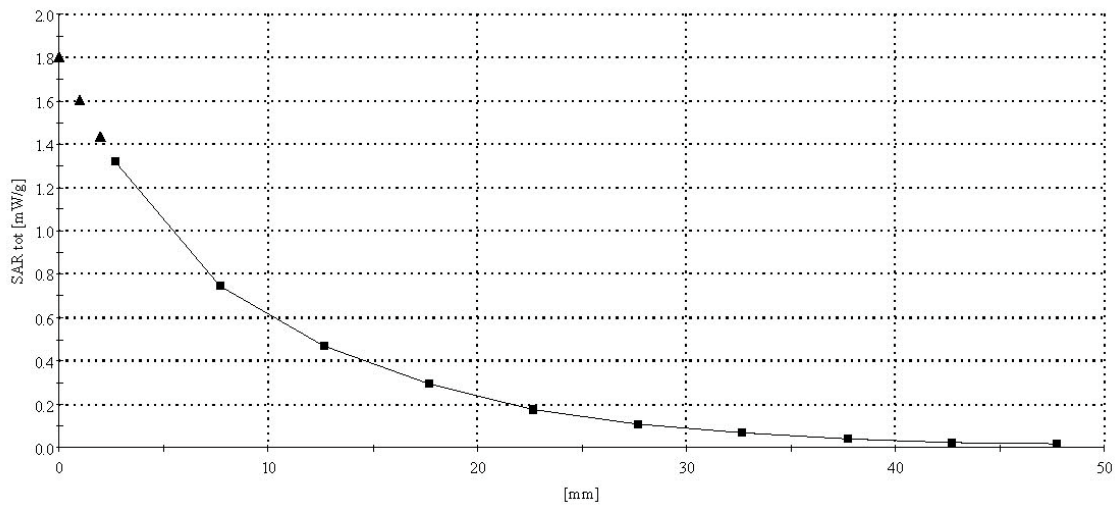
Liquid Temp = 22C+/- 1deg.C

SAM Phantom; Section; Position: ; Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 41.3$ $\rho = 1.00 \text{ g/cm}^3$

: , ()

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



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900, ch25 Left Tilt with Backpack Clip with Model "G" antenna

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

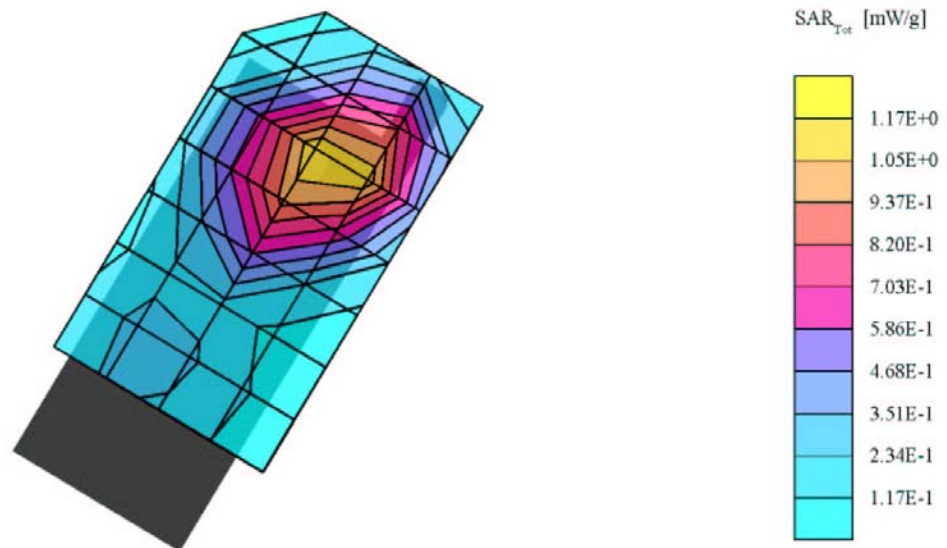
SAM Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.40,5.40,5.40); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.41$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 1.20 mW/g, SAR (10g): 0.677 mW/g, (Worst-case extrapolation)

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

Powerdrift: 0.10 dB



Kyocera Wireless Corp.

Section 2
SAR Distribution plots for Body Worn Configuration

06/01/03

KE433

CDMA-1900 ch25 Flat with Belt Clip with Model "G" antenna

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

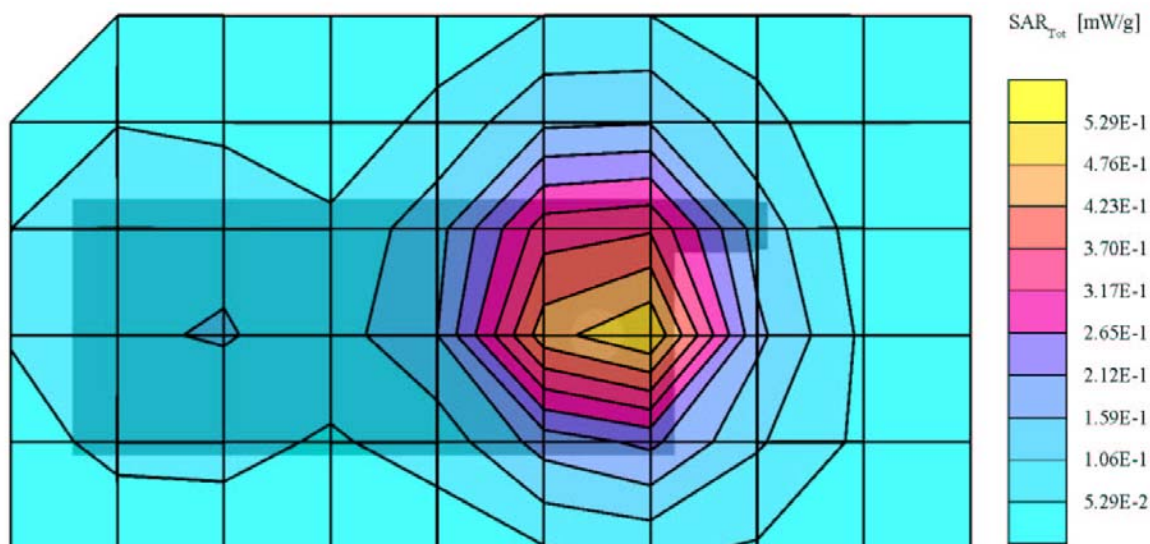
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle: $\sigma = 1.46 \text{ mho/m}$, $\epsilon_r = 52.8$, $\rho = 1.00 \text{ g/cm}^3$

Cube 7x7x7: SAR (1g): 0.584 mW/g, SAR (10g): 0.355 mW/g, (Worst-case extrapolation)

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

Powerdrift: 0.13 dB



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900, ch25 Flat with Leather Case with Model "G" antenna

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

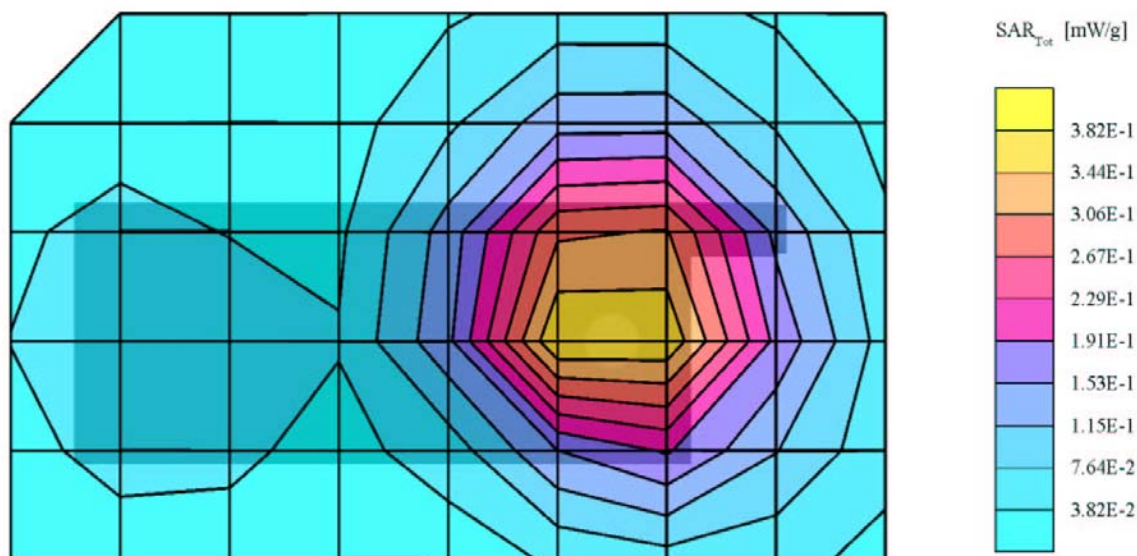
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle: $\sigma = 1.46 \text{ mho/m}$, $\epsilon_r = 52.8$, $\rho = 1.00 \text{ g/cm}^3$

Cube 7x7x7: SAR (1g): 0.404 mW/g, SAR (10g): 0.248 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.20 dB



Kyocera Wireless Corp.

06/01/03

KE433

CDMA-1900, ch25 Flat with 22.5mm Separation with Model "G" antenna

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

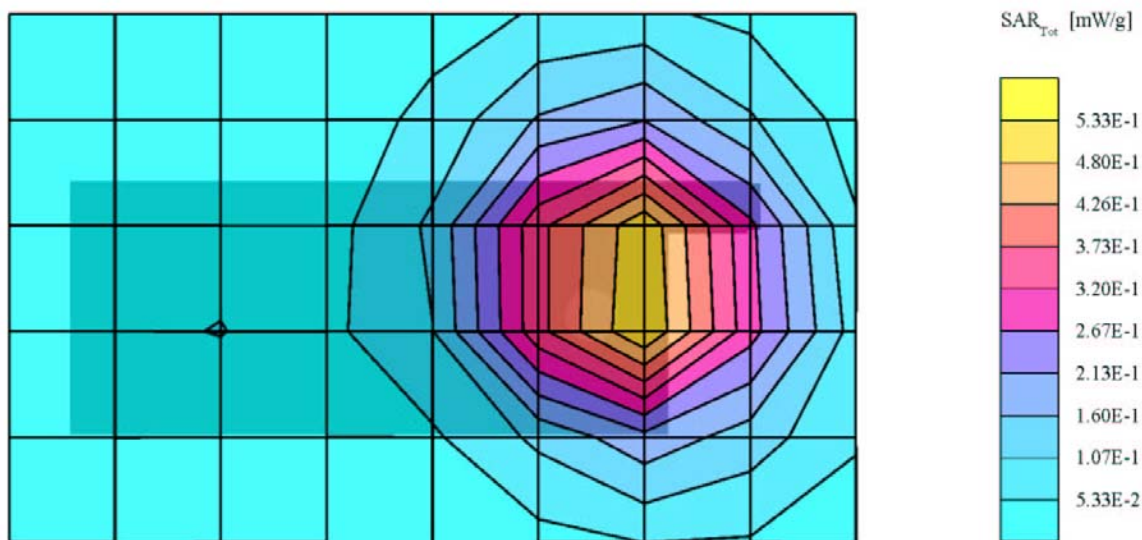
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle: $\sigma = 1.46$ mho/m $\epsilon_r = 52.8$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.559 mW/g, SAR (10g): 0.343 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.05 dB



Kyocera Wireless Corp.