

Section 2
SAR Distribution plots for Body Worn Configuration

08/05/03

3250

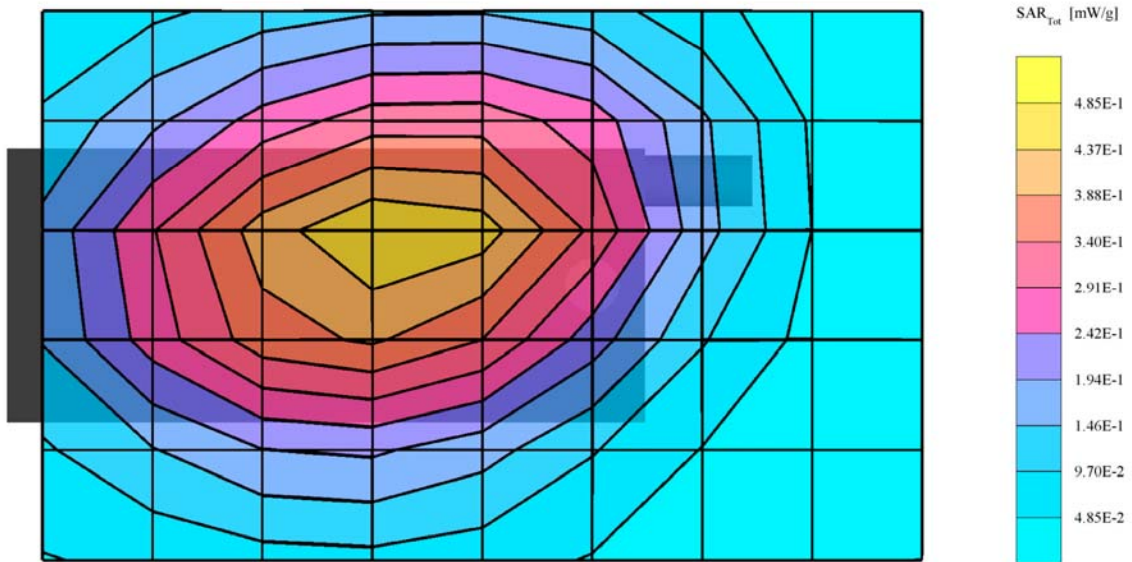
AMPS ch383 Flat with Black Leather Belt Clip

Liquid Temp = 22C \pm 1 deg. CSAM Phantom; Flat Section; Position: (90 $^{\circ}$,90 $^{\circ}$); Frequency: 835 MHzProbe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 54.7$ $\rho = 1.00$ g/cm 3

Cube 7x7x7: SAR (1g): 0.469 mW/g, SAR (10g): 0.332 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.02 dB



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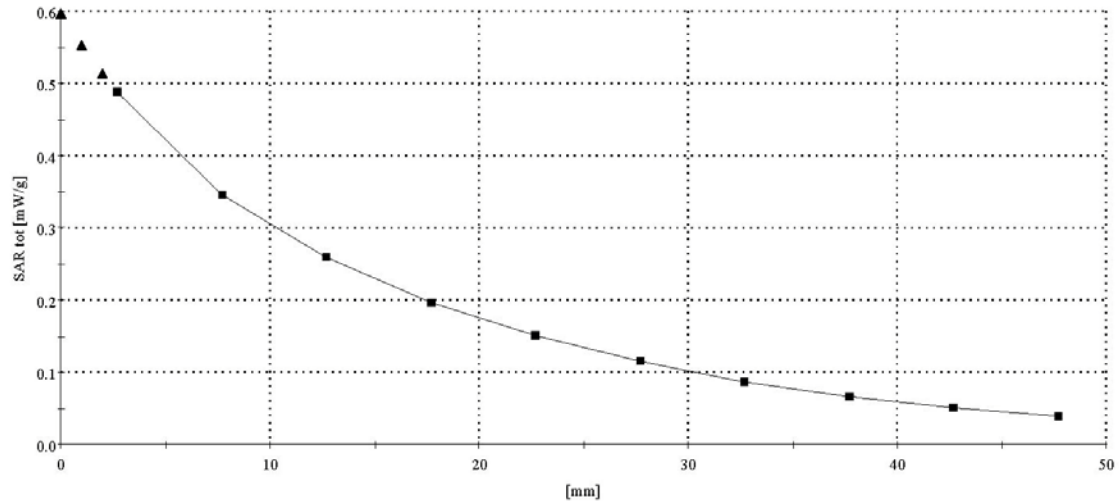
Liquid Temp = 22C +/- 1deg.C

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

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 54.7$ $\rho = 1.00 \text{ g/cm}^3$

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



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AMPS ch383 Flat with Kyocera Belt Clip

Liquid Temp = 22C+- 1deg C

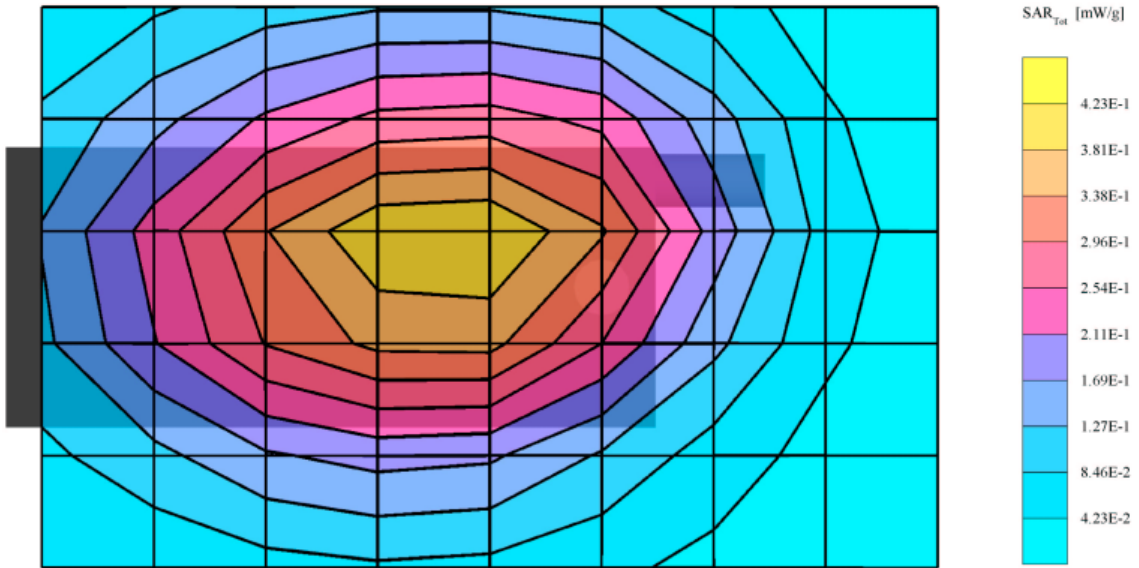
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.96 \text{ mho/m}$, $\epsilon_r = 54.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 7x7x7: SAR (1g): 0.412 mW/g, SAR (10g): 0.297 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.03 dB



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AMPS ch383 Flat with Air Space 15mm

Liquid Temp = 22C \pm 1deg C

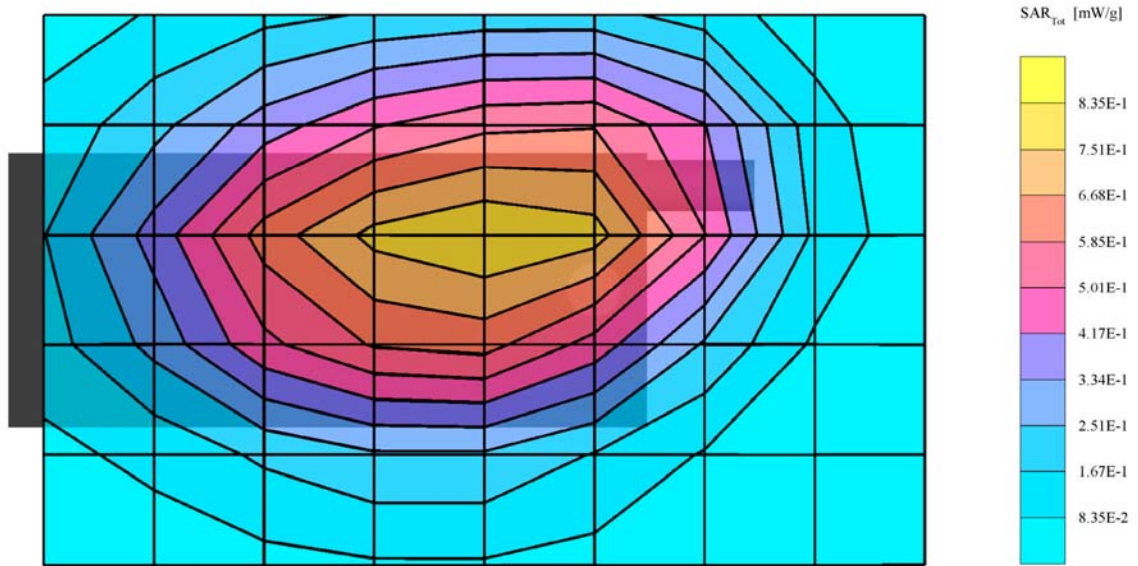
SAM Phantom; Flat Section; Position: (90 $^{\circ}$,90 $^{\circ}$); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm 3

Cube 7x7x7: SAR (1g): 0.807 mW/g, SAR (10g): 0.568 mW/g * Max outside, (Worst-case extrapolation)

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

Powerdrift: 0.08 dB

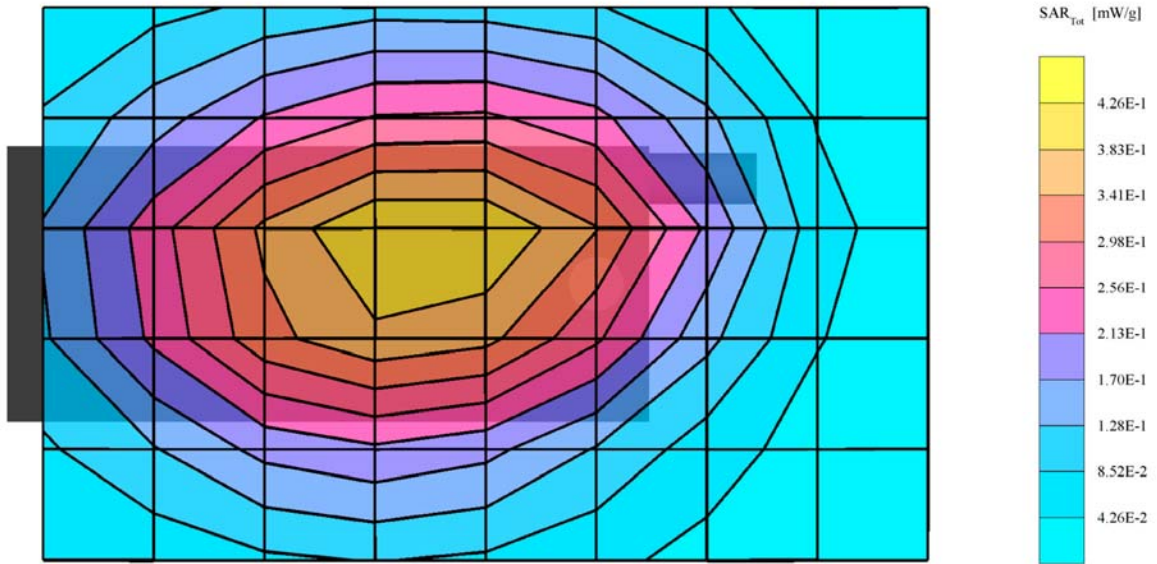


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CDMA ch383 Flat with Black Leather Belt Clip
 Liquid Temp = 22C \pm 1 deg. C
 SAM Phantom; Flat Section; Position: (90 $^\circ$,90 $^\circ$); Frequency: 835 MHz
 Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 54.7$ $\rho = 1.00$ g/cm 3
 Cube 7x7x7: SAR (1g): 0.426 mW/g, SAR (10g): 0.305 mW/g, (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdrift: 0.05 dB



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CDMA-800 ch383 Flat with Black Leather Belt Clip

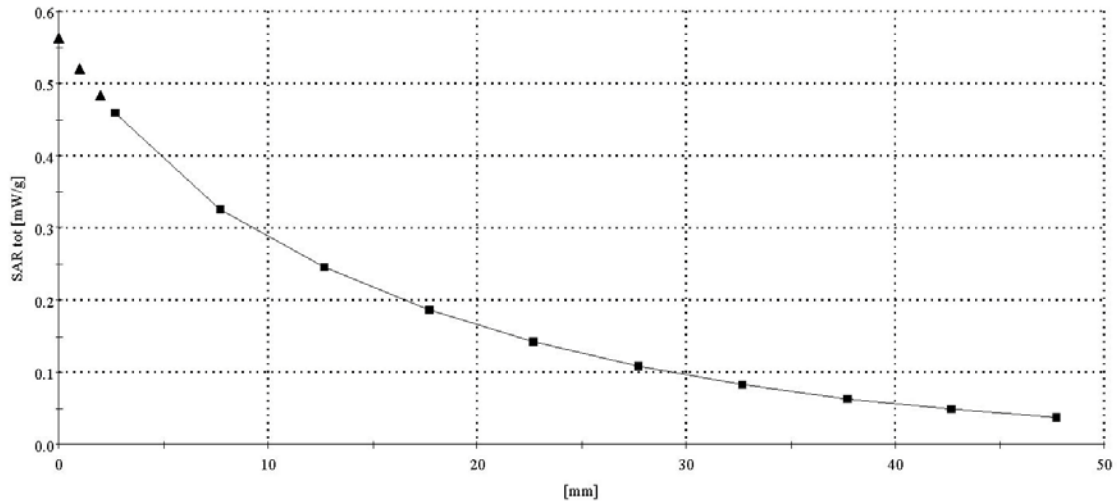
Liquid Temp = 22C +/- 1deg. C

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

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 54.7$ $\rho = 1.00 \text{ g/cm}^3$

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



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CDMA-800 ch383 Flat with Kyocera Belt Clip

Liquid Temp = 22C +/- 1deg C

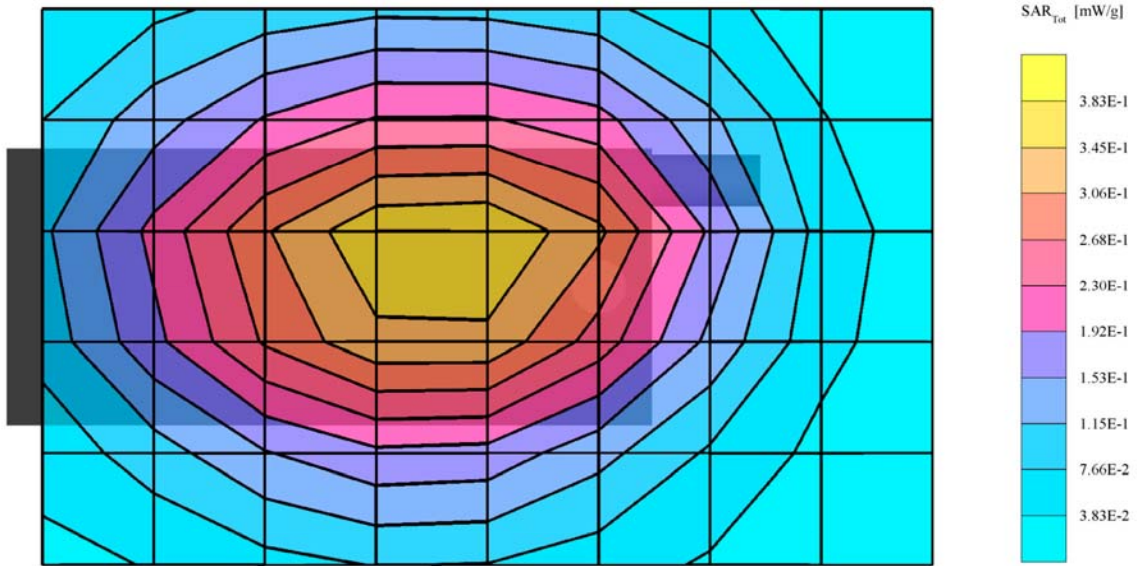
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6,30,6,30,6,30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.96 \text{ mho/m}$, $\epsilon_r = 54.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 7x7x7: SAR (1g): 0.380 mW/g, SAR (10g): 0.274 mW/g, (Worst-case extrapolation)

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

Powerdrift: 0.01 dB



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CDMA ch383 Flat with Air 15mm

Liquid Temp = 22C +/- 1deg C

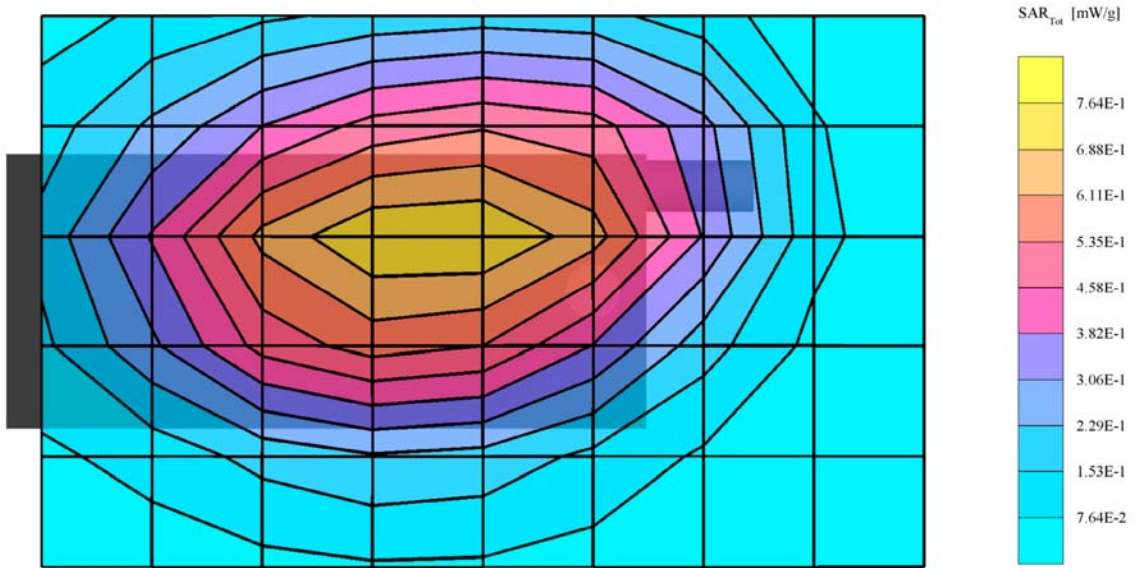
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1712; ConvF(6.30,6.30,6.30); Crest factor: 1.0; 835 MHz Muscle: $\sigma = 0.97 \text{ mho/m}$, $\epsilon_r = 54.2$, $\rho = 1.00 \text{ g/cm}^3$

Cube 7x7x7: SAR (1g): 0.739 mW/g, SAR (10g): 0.528 mW/g, (Worst-case extrapolation)

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

Powerdrift: -0.03 dB

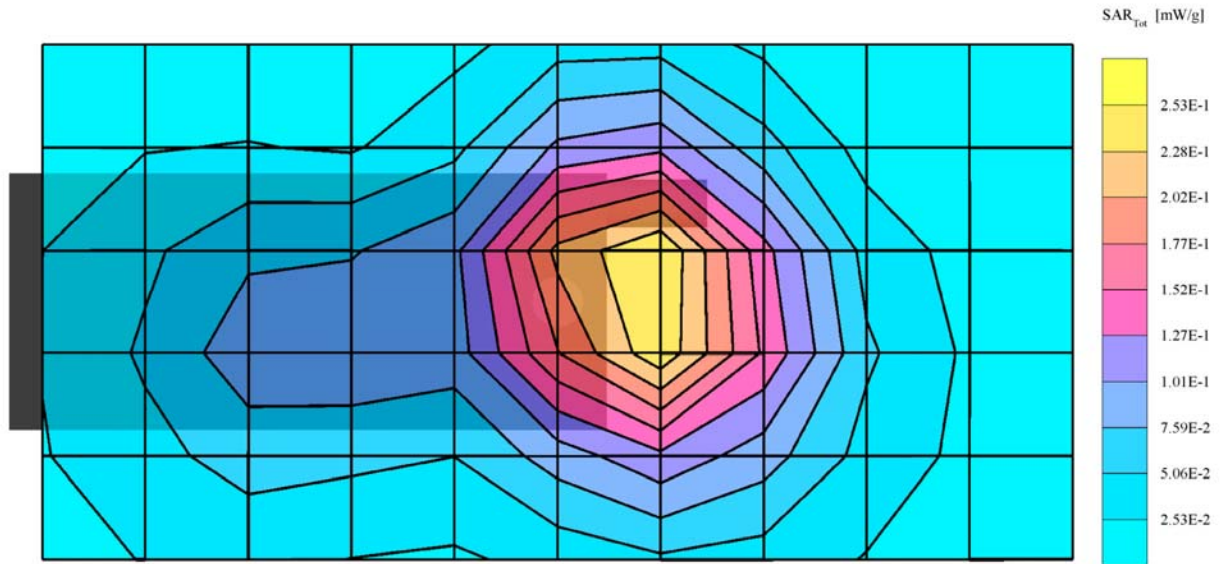


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CDMA-1900 ch600 Flat with Black Leather Case
 Liquid Temp = 22C \pm 1 deg C
 SAM Phantom; Flat Section; Position: (90 $^\circ$,90 $^\circ$); Frequency: 1900 MHz
 Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle: $\sigma = 1.48$ mho/m $\epsilon_r = 53.1$ $\rho = 1.00$ g/cm 3
 Cube 7x7x7: SAR (1g): 0.276 mW/g, SAR (10g): 0.166 mW/g, (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdrift: 0.18 dB



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CDMA-1900 ch600 Flat with Black Leather Case

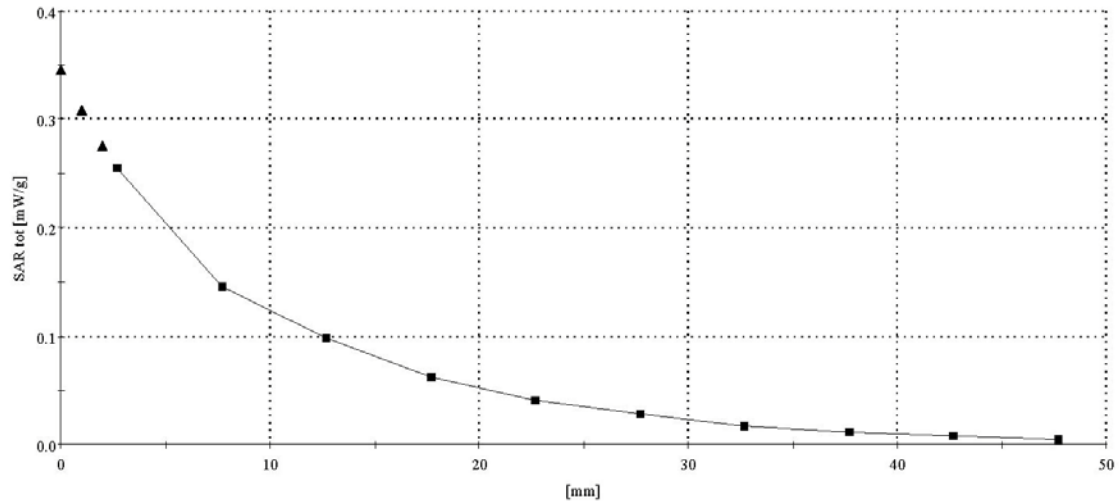
Liquid Temp = 22C +/- 1deg. C

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

Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle: $\sigma = 1.48 \text{ mho/m}$ $\epsilon_r = 53.1$ $\rho = 1.00 \text{ g/cm}^3$

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



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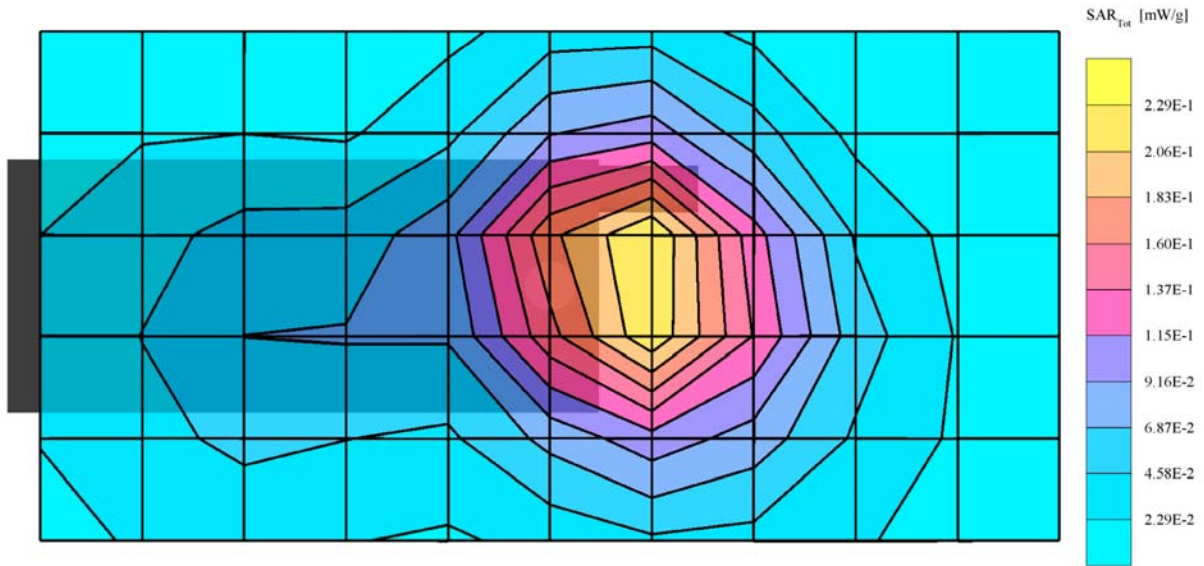
CDMA-1900 ch25 Flat with Belt Clip

Liquid Temp = 22C \pm 1deg CSAM Phantom; Flat Section; Position: (90 $^{\circ}$,90 $^{\circ}$); Frequency: 1900 MHzProbe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle: $\sigma = 1.48$ mho/m $\epsilon_r = 53.1$ $\rho = 1.00$ g/cm 3

Cube 7x7x7: SAR (1g): 0.259 mW/g, SAR (10g): 0.155 mW/g, (Worst-case extrapolation)

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

Powerdrift: 0.00 dB

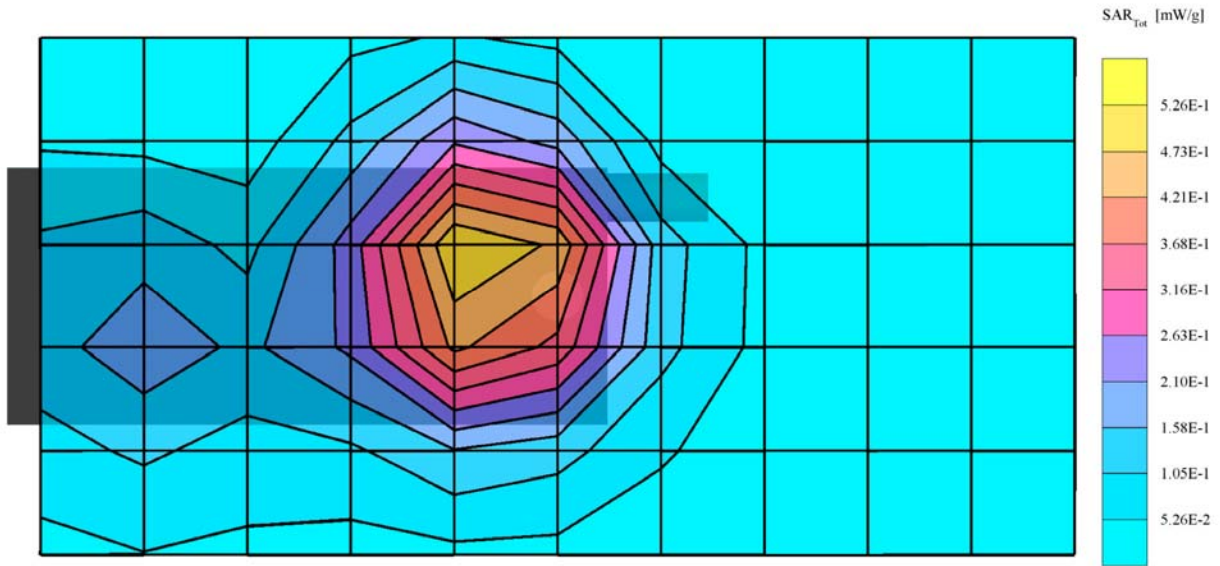


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CDMA-1900 ch600 Flat with Air Space (15mm)
 Liquid Temp = 22C+- 1deg C
 SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
 Probe: ET3DV6 - SN1712; ConvF(5.00,5.00,5.00); Crest factor: 1.0; 1900 MHz Muscle: $\sigma = 1.48 \text{ mho/m}$, $\epsilon_r = 53.1$, $\rho = 1.00 \text{ g/cm}^3$
 Cube 7x7x7: SAR (1g): 0.532 mW/g, SAR (10g): 0.323 mW/g, (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdrift: -0.10 dB



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