

11/14/02

## Compal (Model: AR11), Frequency: 1850.2 MHz (Left head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Left Hand Section; Position: (91°,60°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

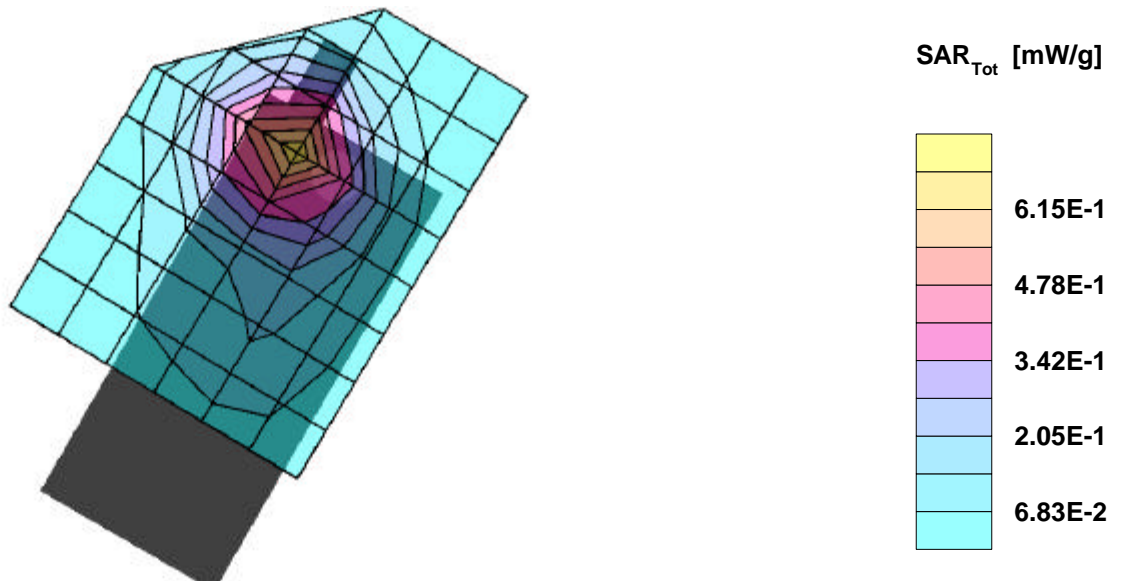
SAR:Cube 5x5x7: Peak: 1.09 mW/g, SAR (1g): 0.641 mW/g, SAR (10g): 0.373 mW/g, (Worst-case extrapolation)

Penetration depth: 10.3 (9.5, 11.4) [mm]; Powerdrift: -0.03 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5



11/14/02

## Compal (Model: AR11 ), Frequency: 1880.0 MHz (Left head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Left Hand Section; Position: (91°,60°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

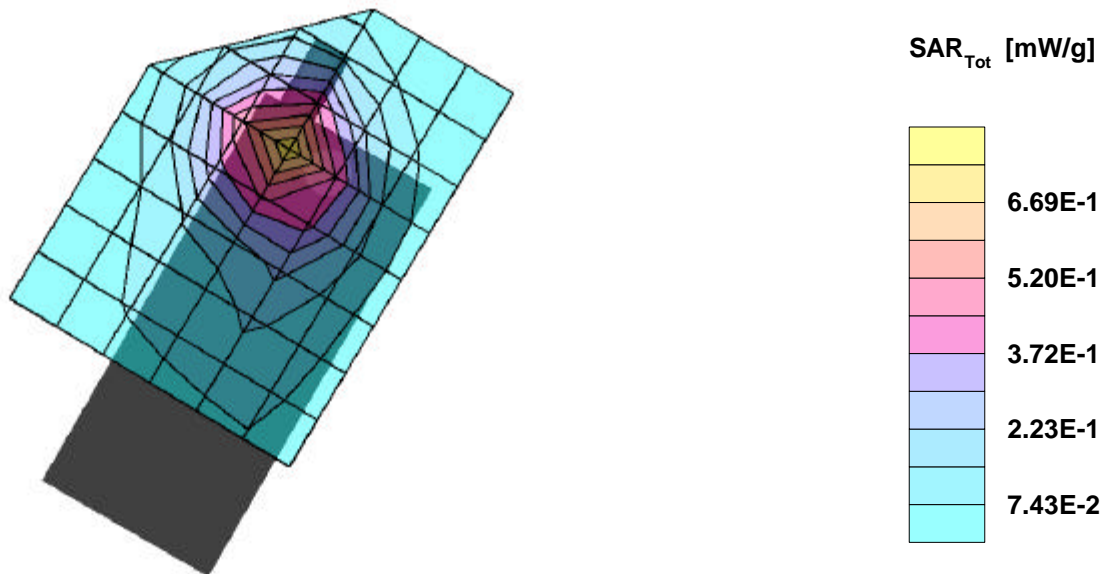
SAR:Cube 5x5x7: Peak: 1.17 mW/g, SAR (1g): 0.692 mW/g, SAR (10g): 0.402 mW/g, (Worst-case extrapolation)

Penetration depth: 10.1 (9.4, 11.0) [mm]; Powerdrift: 0.01 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Left head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Left Hand Section; Position: (91°,60°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

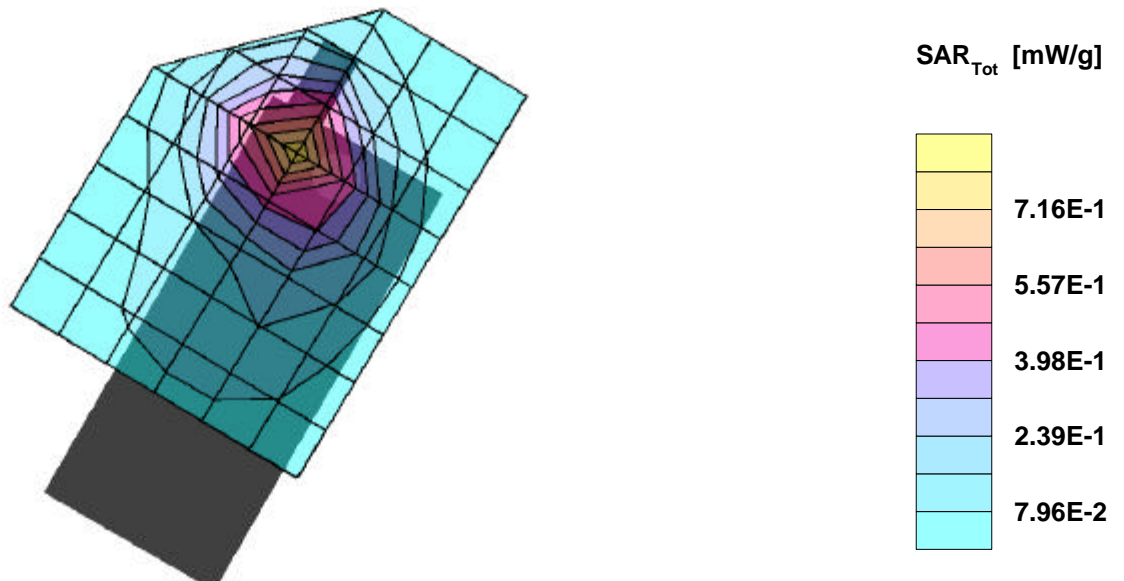
SAR:Cube 5x5x7: Peak: 1.27 mW/g, SAR (1g): 0.734 mW/g, SAR (10g): 0.419 mW/g, (Worst-case extrapolation)

Penetration depth: 9.7 (9.0, 10.6) [mm]; Powerdrift: 0.05 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Left head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

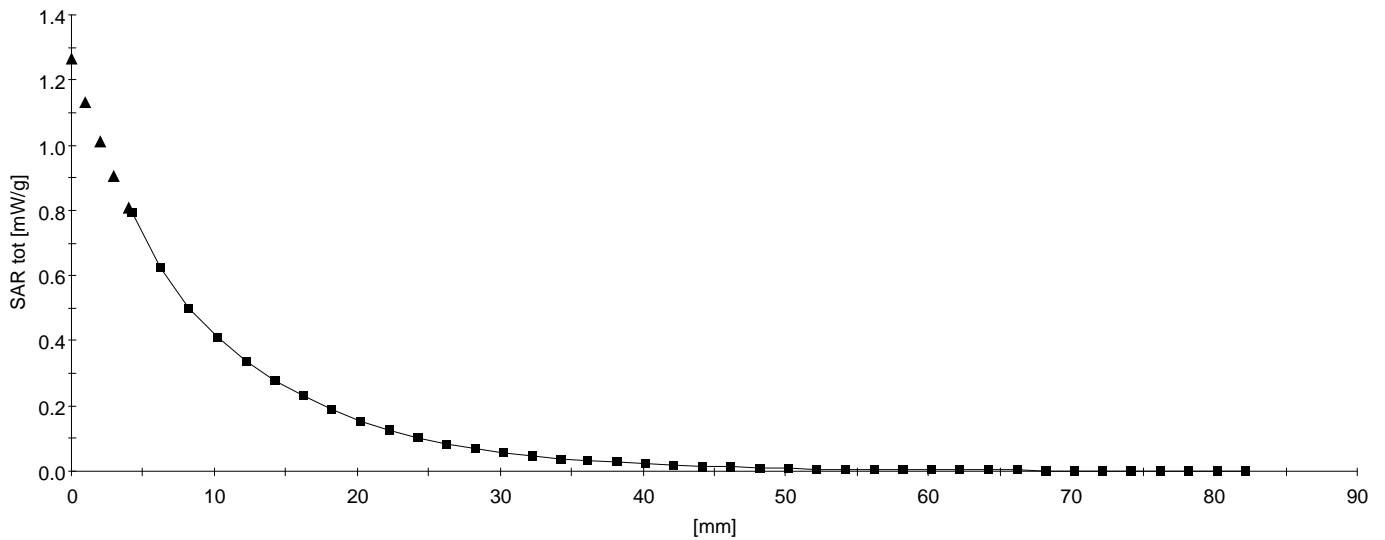
SAR: , , ()

Penetration depth: 9.5 (8.9, 10.4) [mm];

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5



11/14/02

## Compal (Model: AR11 ), Frequency: 1850.2 MHz (Left head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Left Hand Section; Position: (106°,60°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

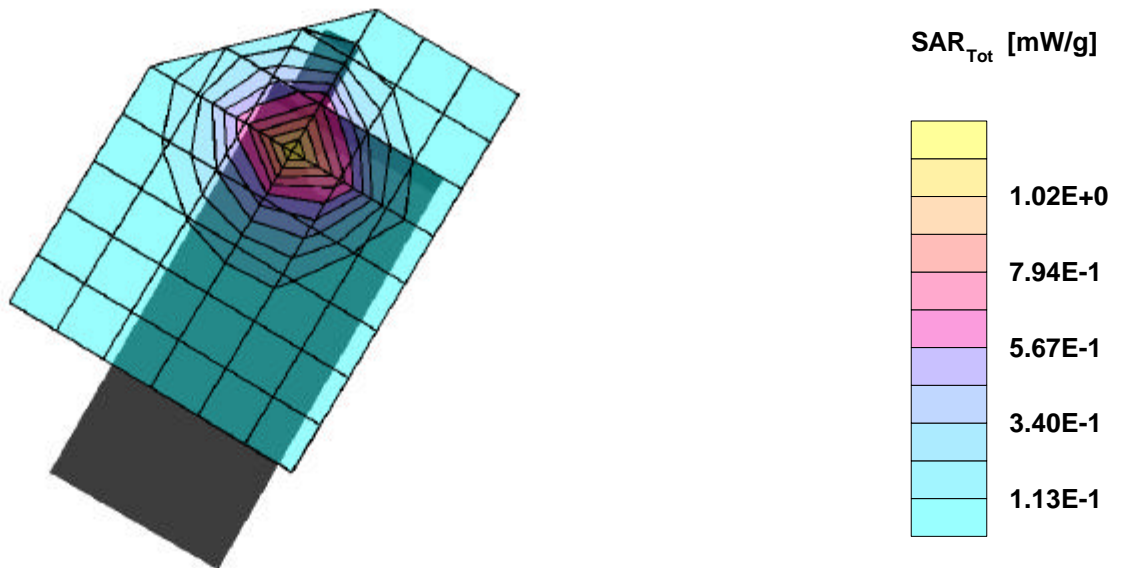
SAR:Cube 5x5x7: Peak: 1.78 mW/g, SAR (1g): 1.04 mW/g, SAR (10g): 0.590 mW/g, (Worst-case extrapolation)

Penetration depth: 10.0 (9.4, 10.9) [mm]; Powerdrift: 0.08 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5



11/14/02

## Compal (Model: AR11 ), Frequency: 1880.0 MHz (Left head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Left Hand Section; Position: (106°,60°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

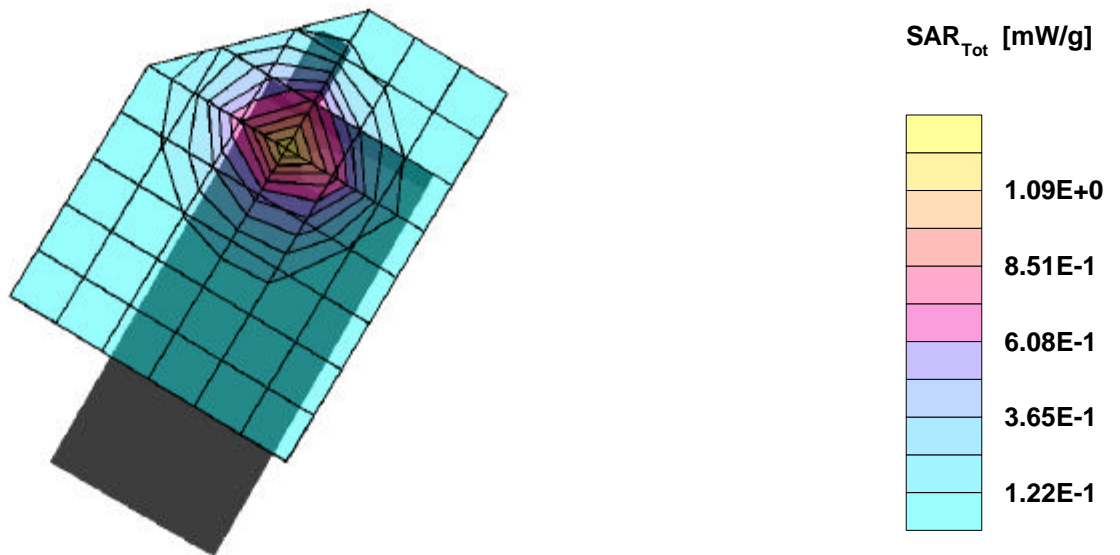
SAR:Cube 5x5x7: Peak: 1.95 mW/g, SAR (1g): 1.13 mW/g, SAR (10g): 0.633 mW/g, (Worst-case extrapolation)

Penetration depth: 9.7 (9.2, 10.6) [mm]; Powerdrift: -0.02 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Left head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Left Hand Section; Position: (106°,60°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

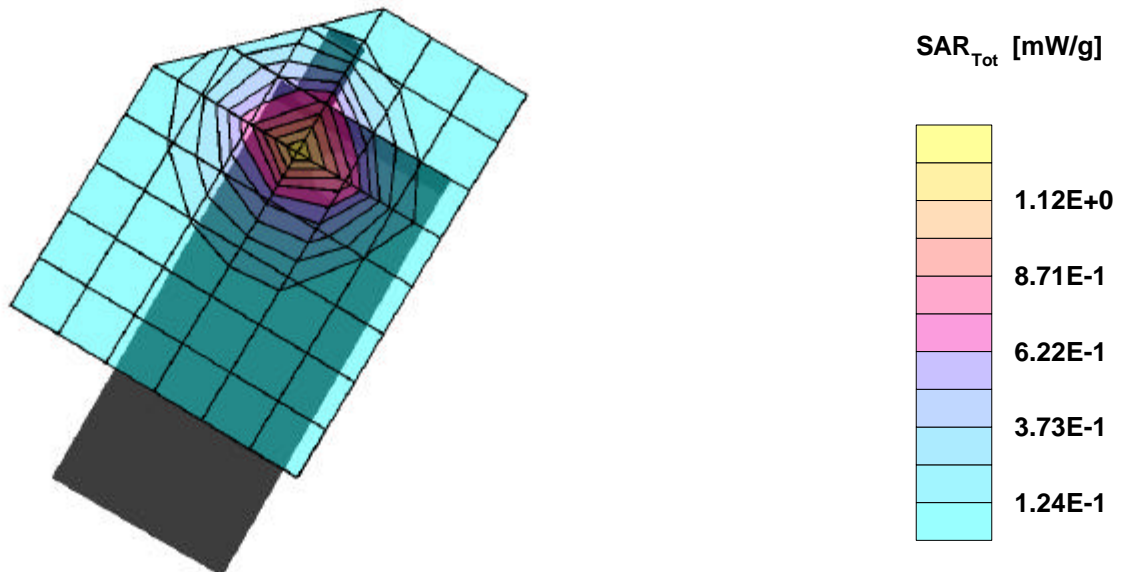
SAR:Cube 5x5x7: Peak: 2.05 mW/g, SAR (1g): 1.16 mW/g, SAR (10g): 0.643 mW/g, (Worst-case extrapolation)

Penetration depth: 9.4 (8.8, 10.4) [mm]; Powerdrift: -0.00 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Left head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

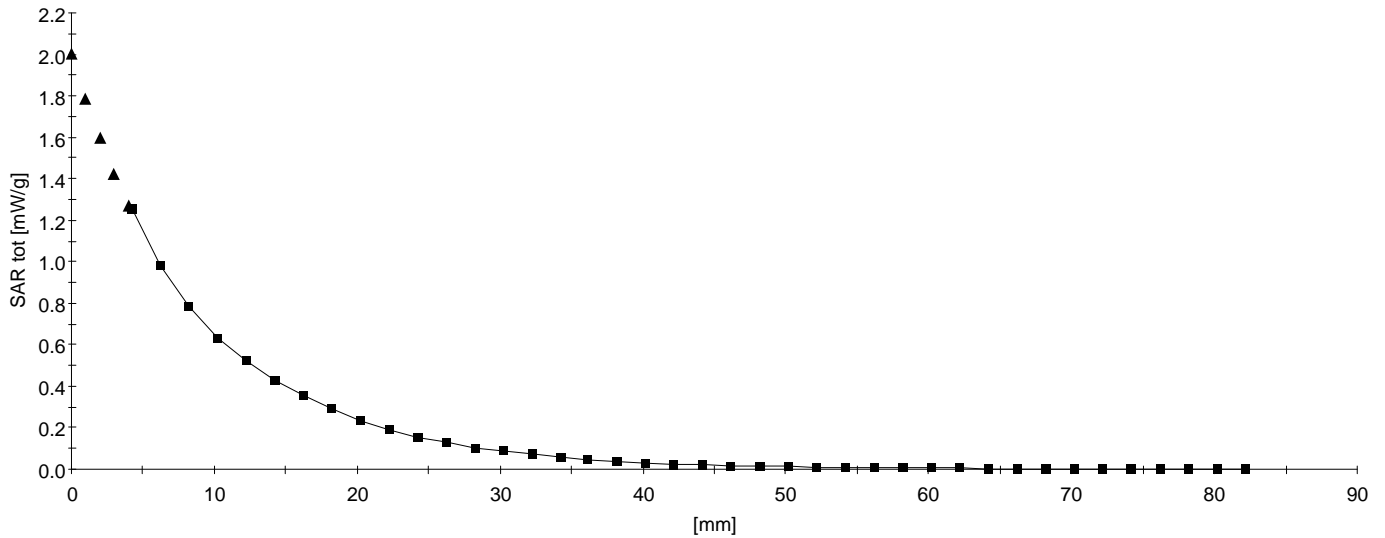
SAR: , , ()

Penetration depth: 9.3 (8.8, 10.2) [mm];

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.5





11/14/02

## Compal (Model: AR11 ), Frequency: 1850.2 MHz (Right head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $\sigma = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Righ Hand Section; Position: (91°,300°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

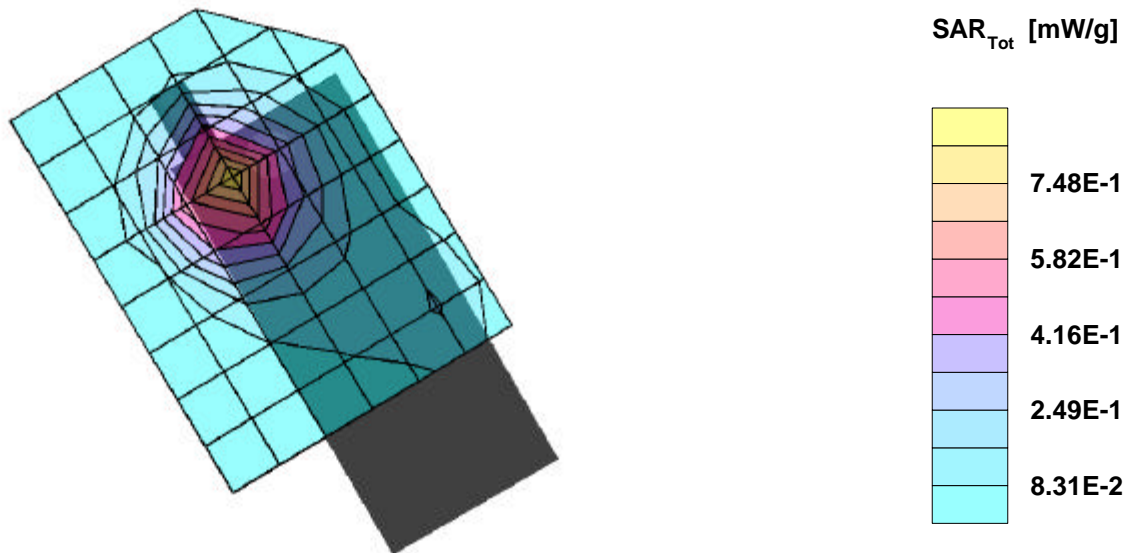
SAR:Cube 5x5x7: Peak: 1.37 mW/g, SAR (1g): 0.787 mW/g, SAR (10g): 0.443 mW/g, (Worst-case extrapolation)

Penetration depth: 9.9 (9.2, 10.9) [mm]; Powerdrift: -0.02 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4



11/14/02

## Compal (Model: AR11 ), Frequency: 1880.2 MHz (Right head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $\sigma = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Righ Hand Section; Position: (91°,300°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

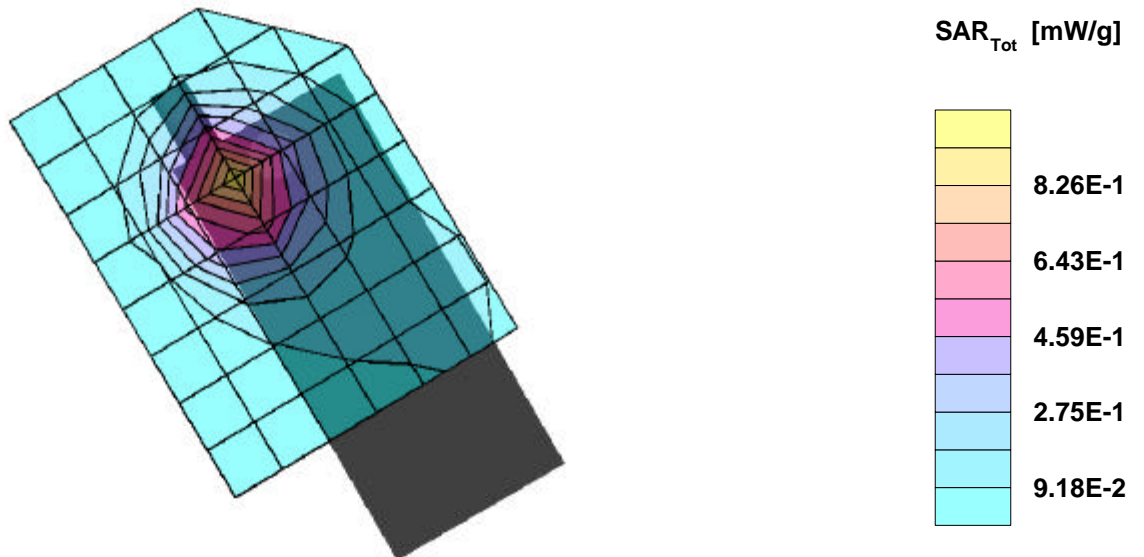
SAR:Cube 5x5x7: Peak: 1.51 mW/g, SAR (1g): 0.868 mW/g, SAR (10g): 0.486 mW/g, (Worst-case extrapolation)

Penetration depth: 9.8 (9.3, 10.6) [mm]; Powerdrift: 0.01 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Right head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Righ Hand Section; Position: (91°,300°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

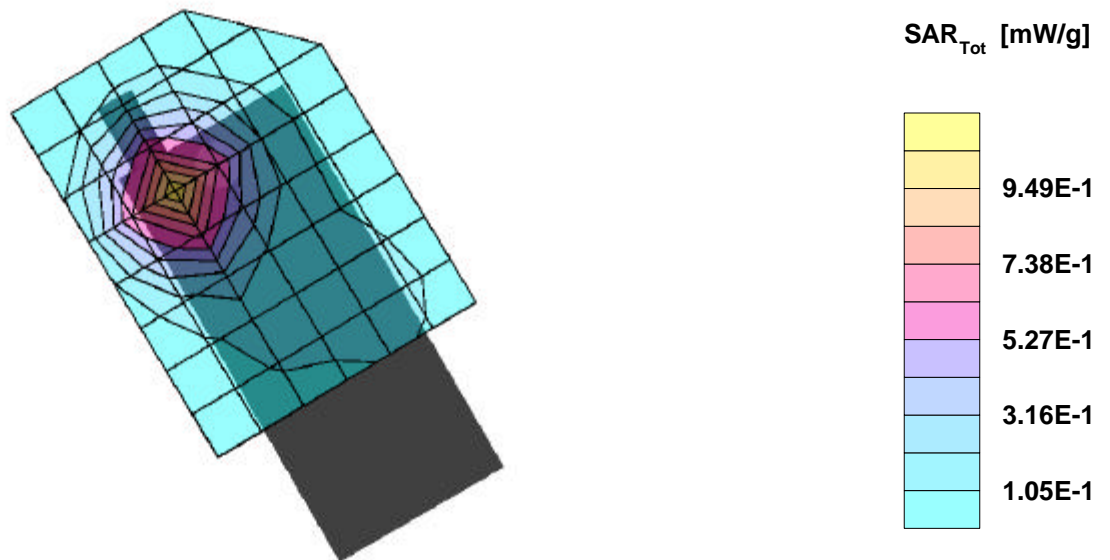
SAR:Cube 5x5x7: Peak: 1.74 mW/g, SAR (1g): 0.982 mW/g, SAR (10g): 0.538 mW/g, (Worst-case extrapolation)

Penetration depth: 9.5 (9.0, 10.3) [mm]; Powerdrift: -0.01 dB

Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Right head - Touch)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

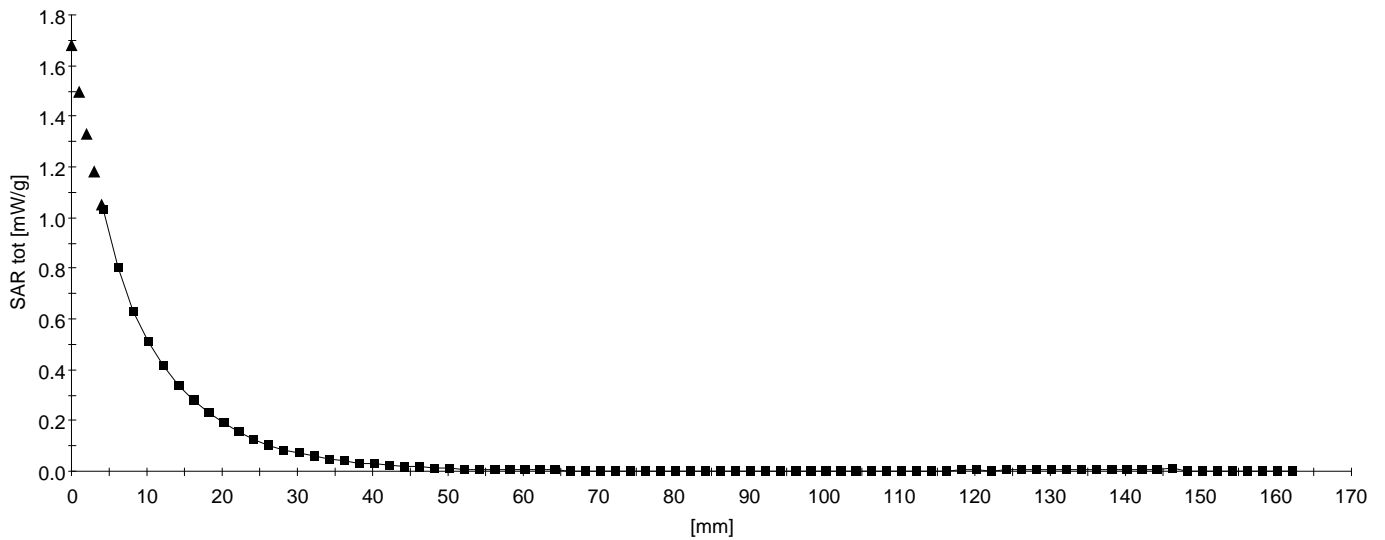
SAR: , , ()

Penetration depth: 9.0 (8.4, 10.0) [mm];

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4



11/14/02

## Compal (Model: AR11 ), Frequency: 1850.2 MHz (Right head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $\sigma = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Righ Hand Section; Position: (106°,300°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

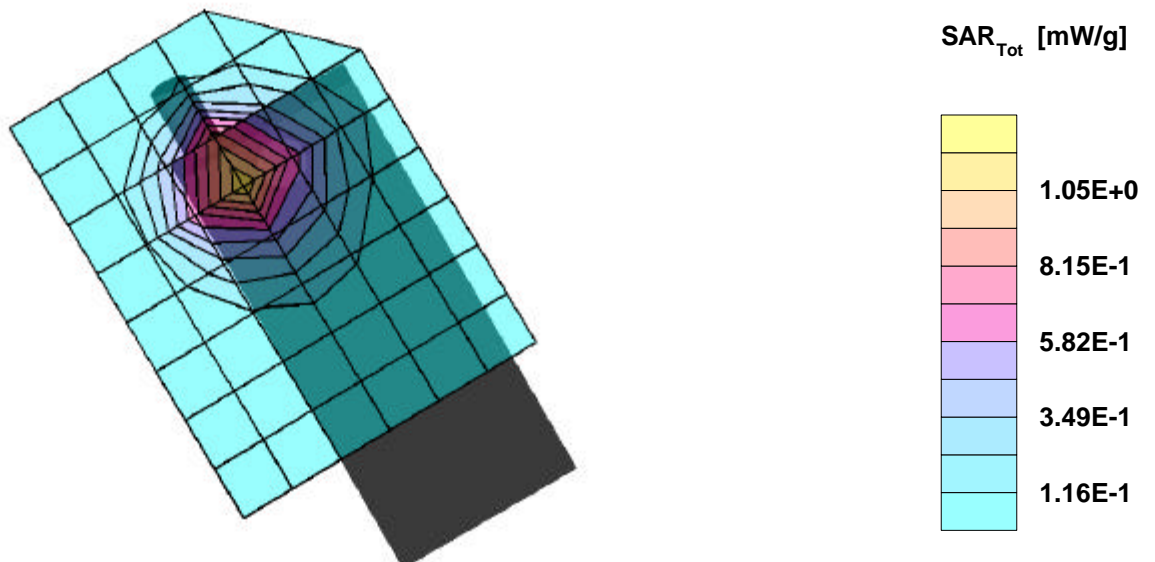
SAR:Cube 5x5x7: Peak: 1.93 mW/g, SAR (1g): 1.12 mW/g, SAR (10g): 0.619 mW/g, (Worst-case extrapolation)

Penetration depth: 9.6 (9.2, 10.3) [mm]; Powerdrift: -0.00 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4



11/14/02

## Compal (Model: AR11 ), Frequency: 1880.0 MHz (Right head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Righ Hand Section; Position: (106°,300°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

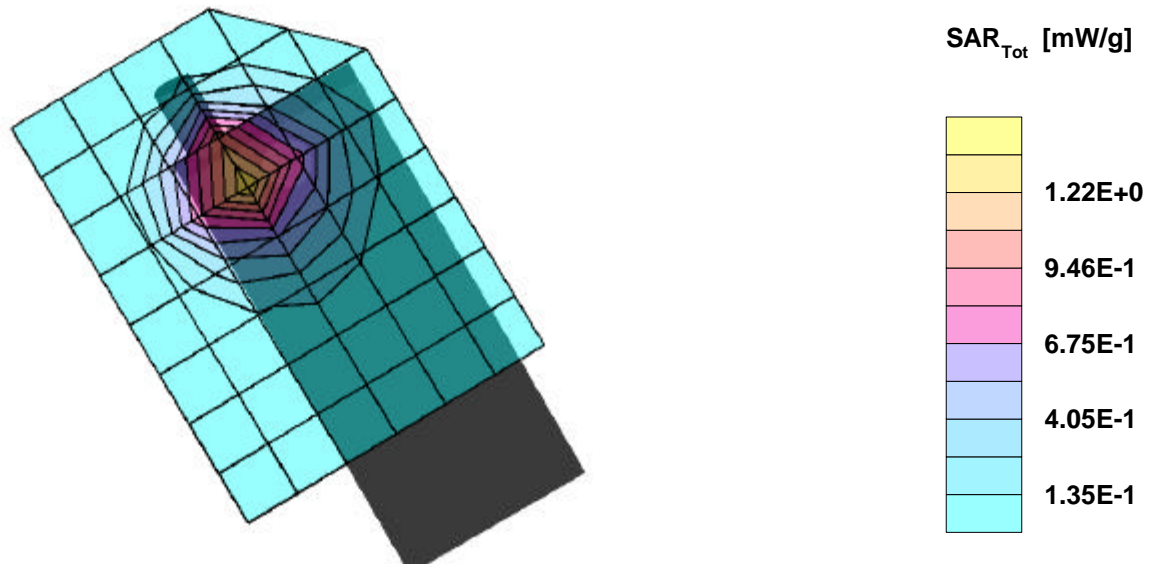
SAR:Cube 5x5x7: Peak: 2.26 mW/g, SAR (1g): 1.30 mW/g, SAR (10g): 0.714 mW/g, (Worst-case extrapolation)

Penetration depth: 9.4 (9.0, 10.1) [mm]; Powerdrift: 0.01 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Right head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Righ Hand Section; Position: (106°,300°)

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

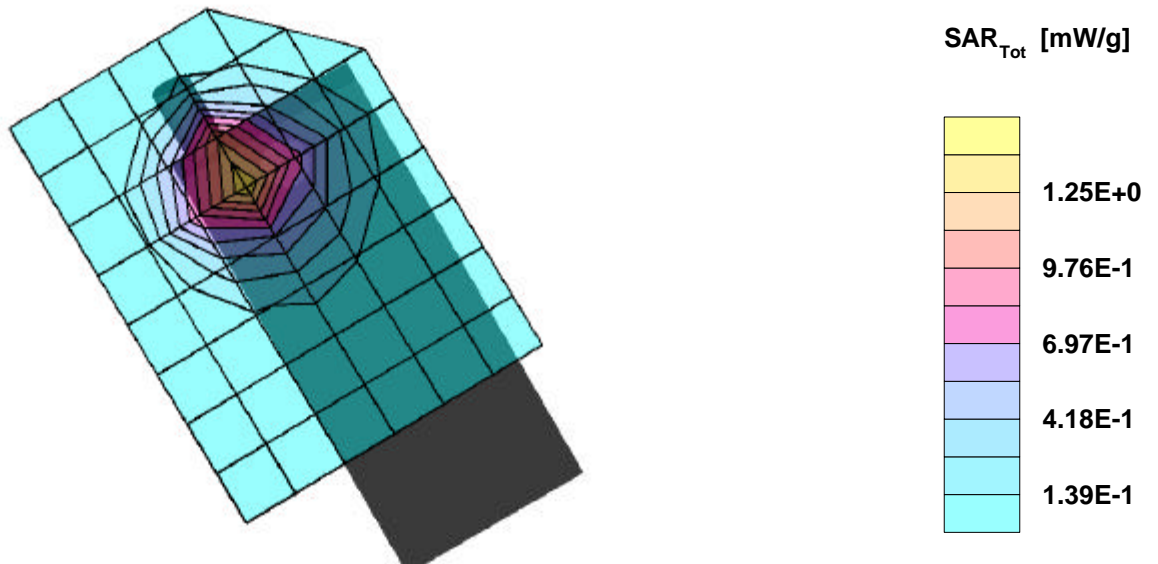
SAR:Cube 5x5x7: Peak: 2.38 mW/g, SAR (1g): 1.36 mW/g, SAR (10g): 0.739 mW/g, (Worst-case extrapolation)

Penetration depth: 9.3 (8.9, 9.9) [mm]; Powerdrift: -0.12 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (Right head - Tilt)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Head 1900 MHz:  $s = 1.35$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-1 Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(5.50,5.50,5.50);

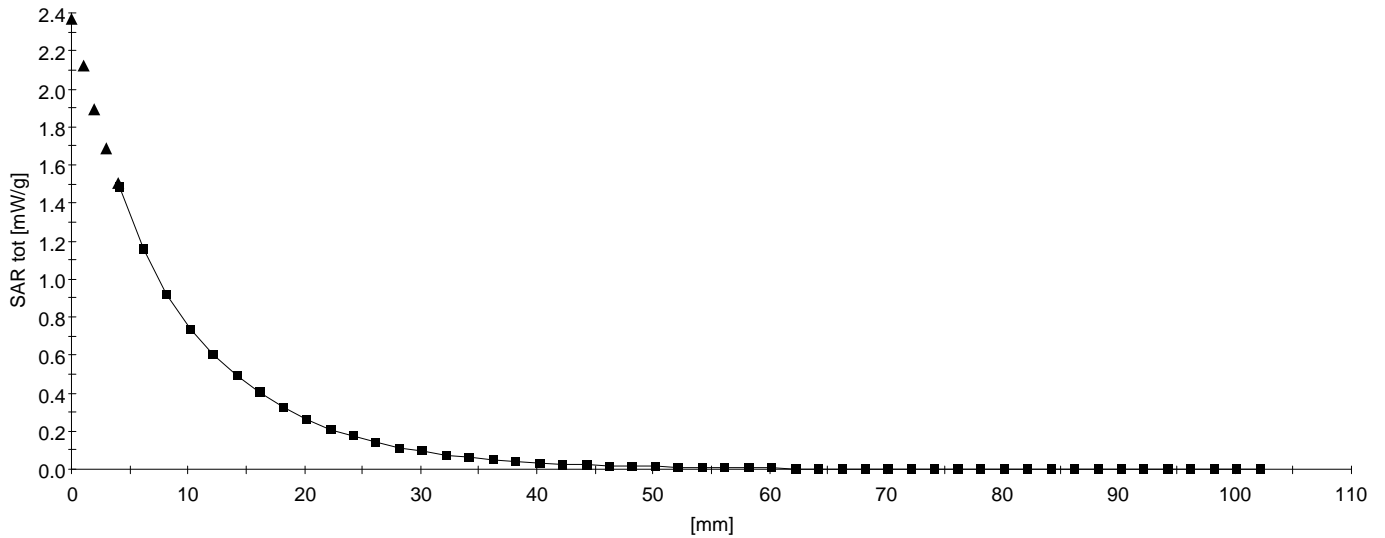
SAR: , , ()

Penetration depth: 9.0 (8.7, 9.6) [mm];

Z-Axis:  $D_x = 0.0$ ,  $D_y = 0.0$ ,  $D_z = 2.0$

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.4





11/14/02

## Compal (Model: AR11 ), Frequency: 1850.2 MHz (GSM mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $s = 1.49$  mho/m  $\epsilon_r = 52.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Flat Section; Position: (270°,90°)

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

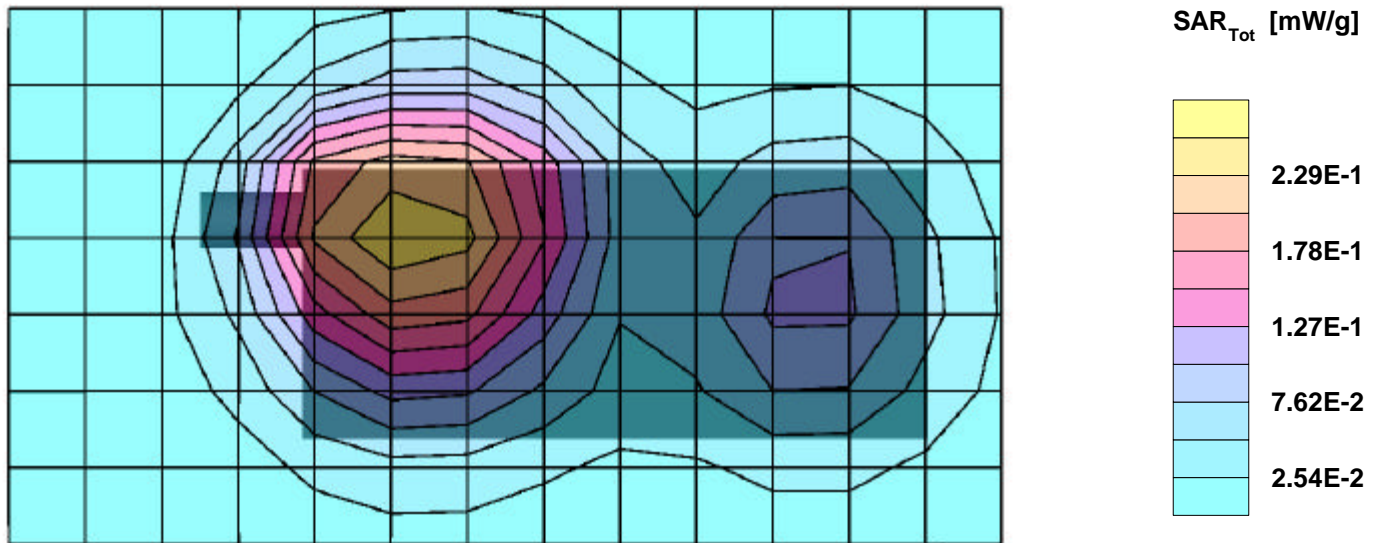
SAR:Cube 5x5x7: Peak: 0.409 mW/g, SAR (1g): 0.246 mW/g, SAR (10g): 0.157 mW/g, (Worst-case extrapolation)

Penetration depth: 10.8 (9.5, 12.6) [mm]; Powerdrift: 0.02 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.7



11/14/02

## Compal (Model: AR11 ), Frequency: 1850.2 MHz (GSM mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $s = 1.49$  mho/m  $\epsilon_r = 52.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

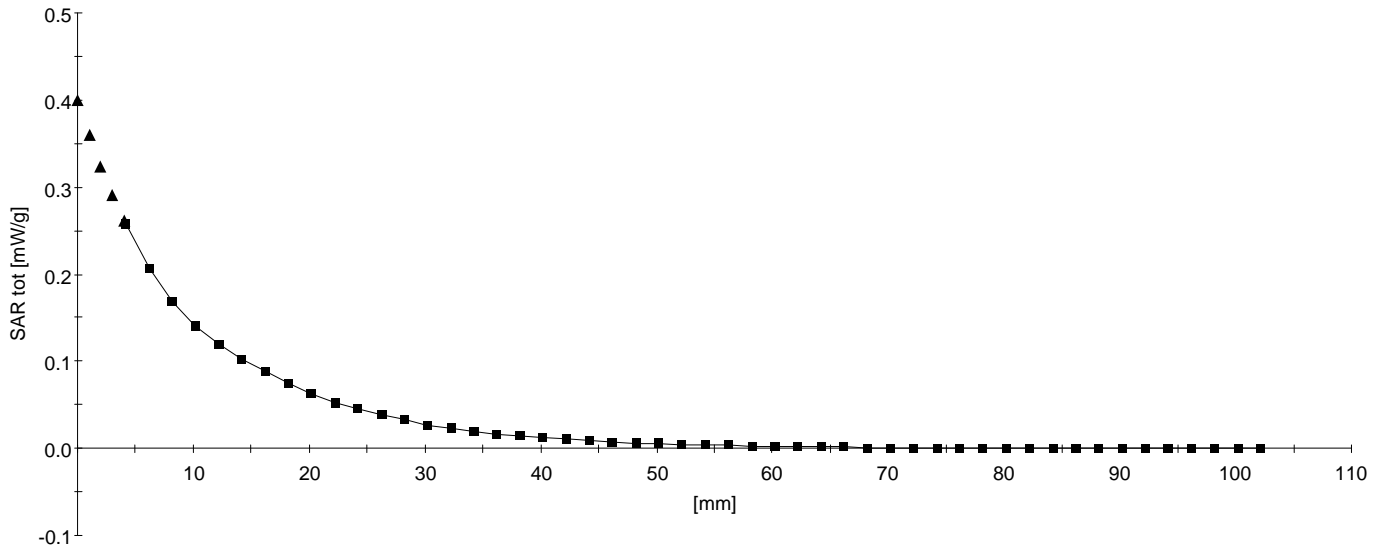
SAR: , , ()

Penetration depth: 10.9 (9.6, 12.5) [mm];

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.7



11/14/02

## Compal (Model: AR11 ), Frequency: 1880.2 MHz (GSM mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $s = 1.49$  mho/m  $\epsilon_r = 52.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Flat Section; Position: (270°,90°)

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

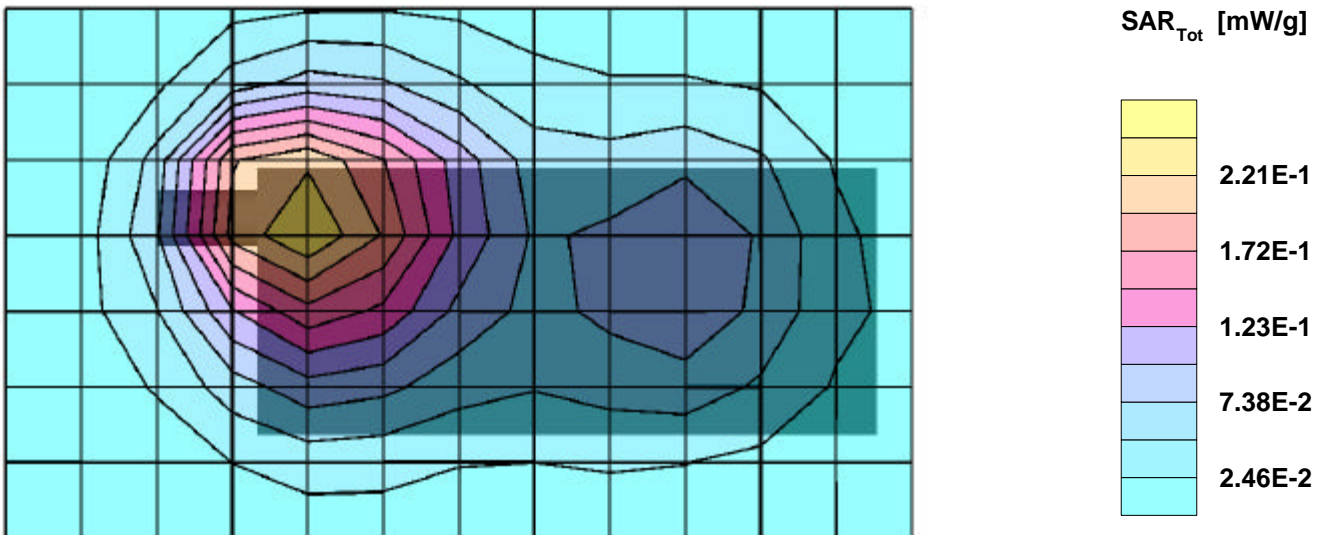
SAR:Cube 5x5x7: Peak: 0.428 mW/g, SAR (1g): 0.246 mW/g, SAR (10g): 0.147 mW/g, (Worst-case extrapolation)

Penetration depth: 9.6 (8.7, 11.0) [mm]; Powerdrift: -0.08 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.7



11/14/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (GSM mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $s = 1.49$  mho/m  $\epsilon_r = 52.5$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Flat Section; Position: (270°,90°)

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

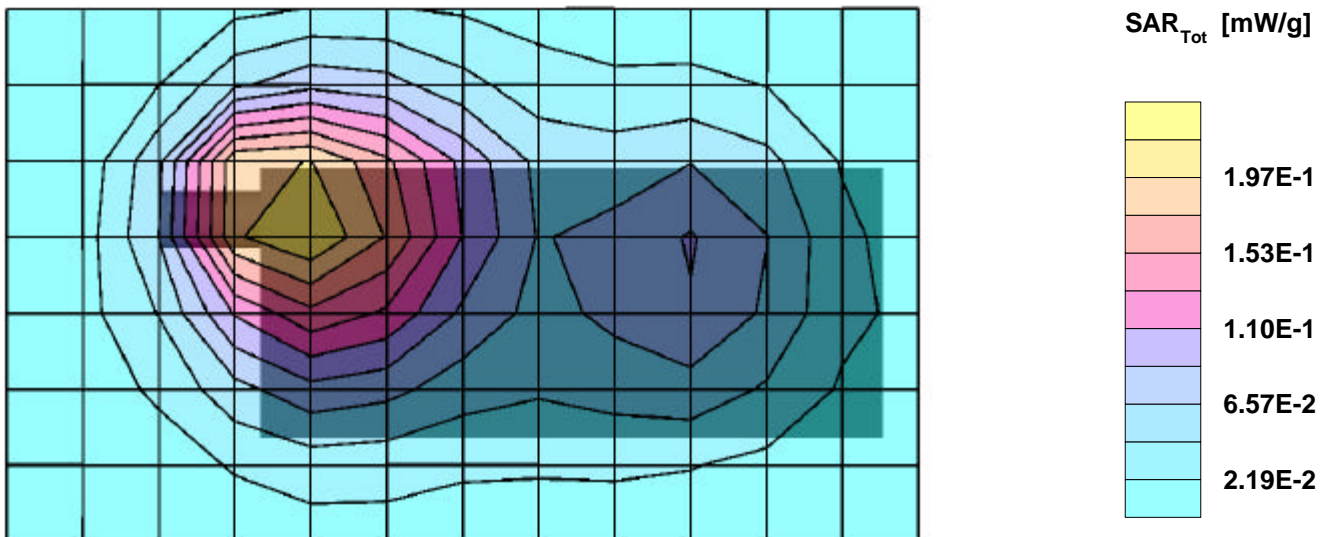
SAR:Cube 5x5x7: Peak: 0.412 mW/g, SAR (1g): 0.231 mW/g, SAR (10g): 0.135 mW/g, (Worst-case extrapolation)

Penetration depth: 9.2 (8.3, 10.6) [mm]; Powerdrift: 0.02 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.7



11/15/02

## Compal (Model: AR11 ), Frequency: 1850.2 MHz (GPRS mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $\sigma = 1.50$  mho/m  $\epsilon_r = 52.4$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Flat Section; Position: (270°,90°)

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

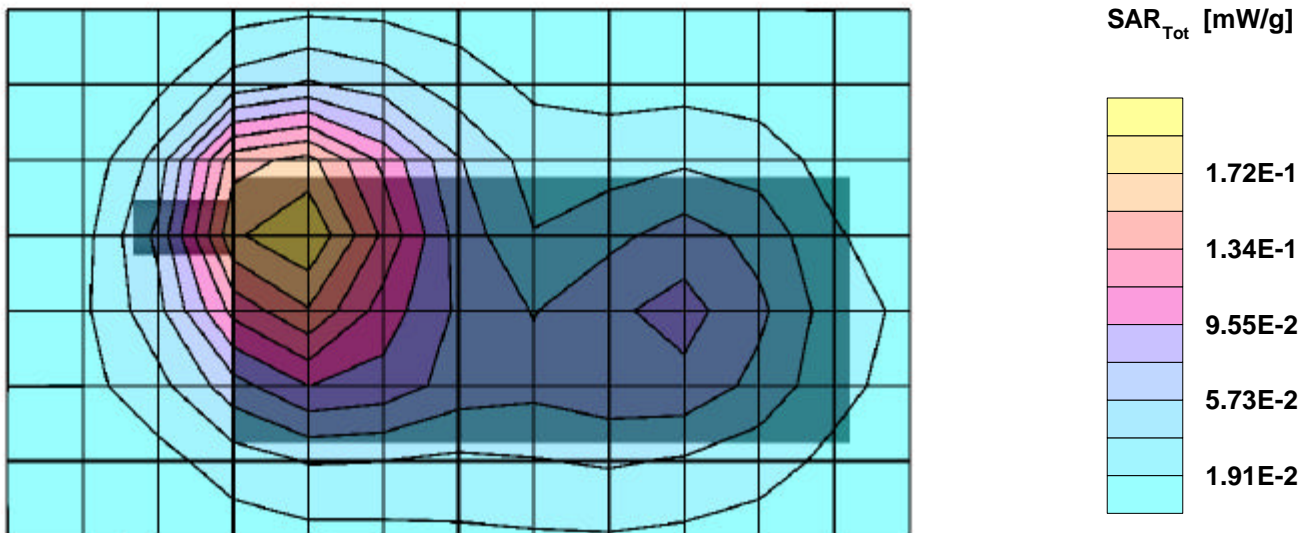
SAR:Cube 5x5x7: Peak: 0.325 mW/g, SAR (1g): 0.189 mW/g, SAR (10g): 0.114 mW/g, (Worst-case extrapolation)

Penetration depth: 9.9 (9.0, 11.3) [mm]; Powerdrift: -0.18 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.6



11/15/02

## Compal (Model: AR11 ), Frequency: 1880.0 MHz (GPRS mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $\sigma = 1.50$  mho/m  $\epsilon_r = 52.4$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Flat Section; Position: (270°,90°)

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

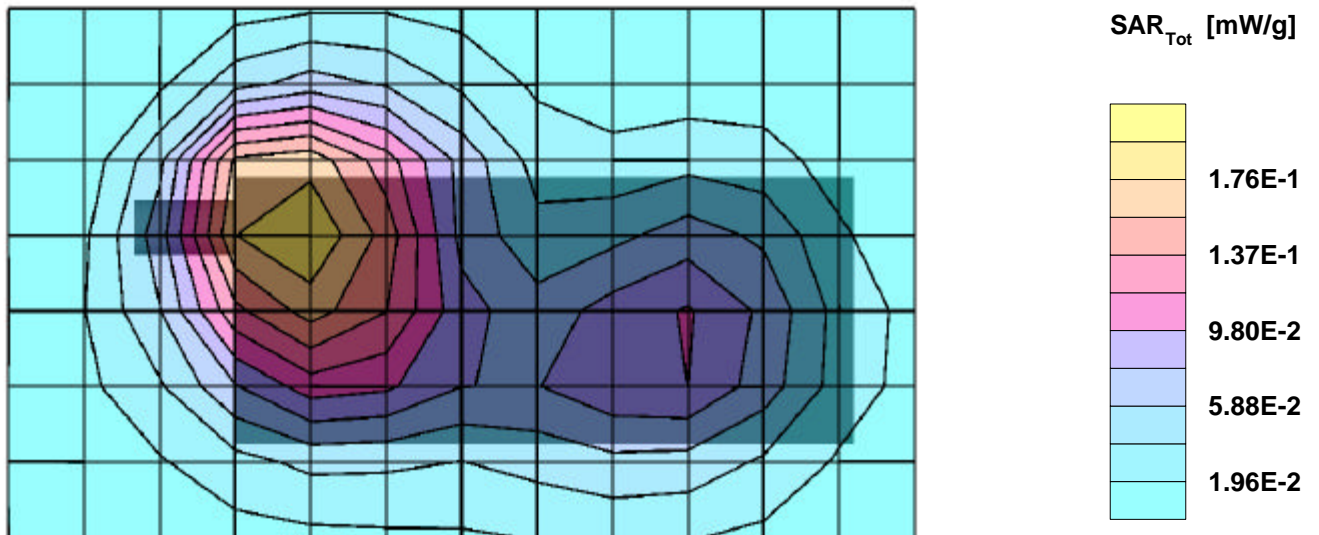
SAR:Cube 5x5x7: Peak: 0.346 mW/g, SAR (1g): 0.197 mW/g, SAR (10g): 0.119 mW/g, (Worst-case extrapolation)

Penetration depth: 9.6 (8.7, 11.0) [mm]; Powerdrift: 0.05 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.6



11/15/02

## Compal (Model: AR11 ), Frequency: 1880.0 MHz (GPRS mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $s = 1.50$  mho/m  $\epsilon_r = 52.4$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

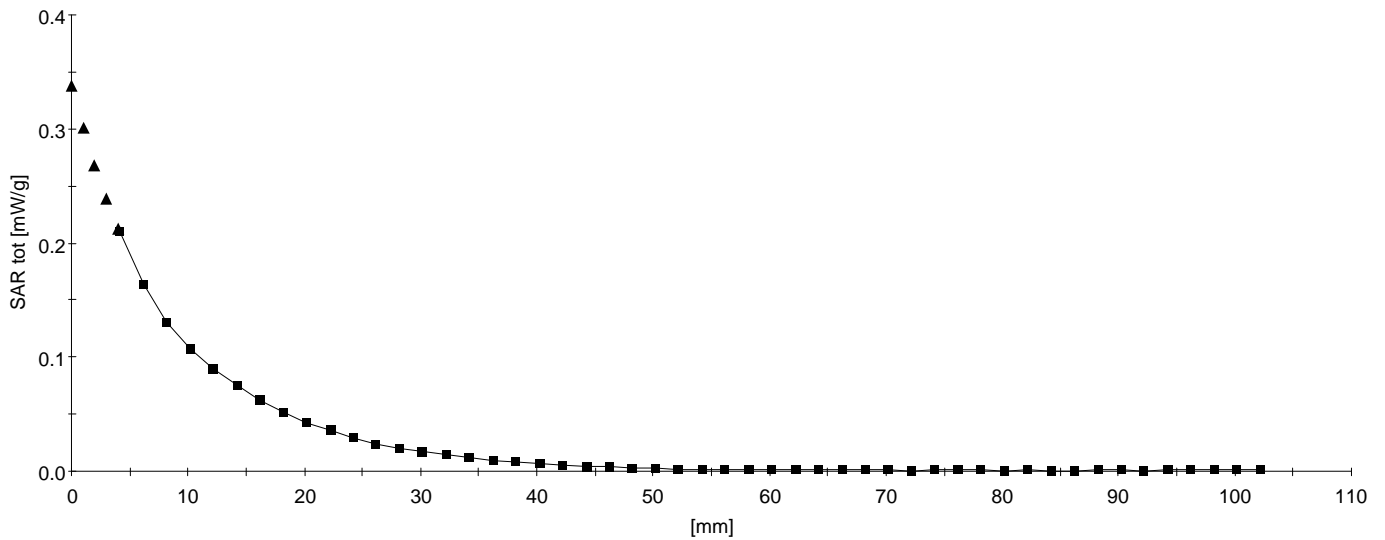
SAR: , , ()

Penetration depth: 9.6 (8.8, 10.9) [mm];

Z-Axis:  $D_x = 0.0$ ,  $D_y = 0.0$ ,  $D_z = 2.0$

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.6



11/15/02

## Compal (Model: AR11 ), Frequency: 1909.8 MHz (GPRS mode - Body)

Frequency: 1900 MHz; Crest factor: 8.0

Medium: Muscle 1900 MHz:  $\sigma = 1.50$  mho/m  $\epsilon_r = 52.4$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM-2 Phantom; Flat Section; Position: (270°,90°)

Probe: ET3DV6 - SN1578; ConvF(5.10,5.10,5.10);

SAR:Cube 5x5x7: Peak: 0.312 mW/g, SAR (1g): 0.177 mW/g, SAR (10g): 0.107 mW/g, (Worst-case extrapolation)

Penetration depth: 9.3 (8.4, 10.6) [mm]; Powerdrift: -0.05 dB

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

Ambient Temperature (degree C): 22.0

Liquid Temperature (degree C): 20.6

