

03/27/02

Sharp UX-CL220K (Middle channel - Tilt position)

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

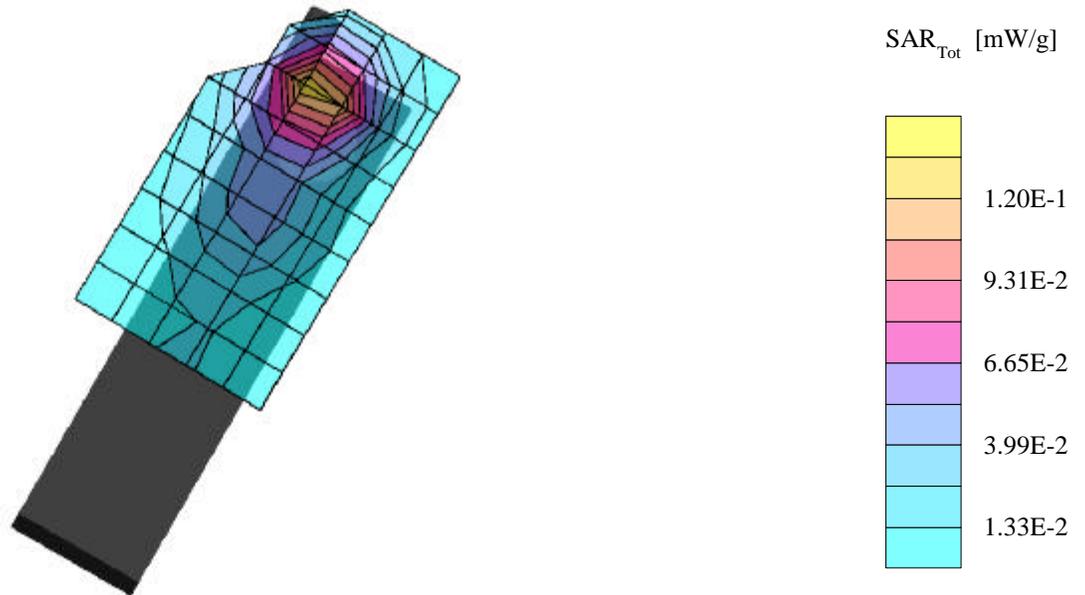
SAM Phantom; Left Hand Section; Position: (80°,60°)

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR:Cube 5x5x7: Peak: 0.237 mW/g, SAR (1g): 0.124 mW/g, SAR (10g): 0.0646 mW/g, (Worst-case extrapolation)

Penetration depth: 7.7 (7.2, 8.8) [mm]; Powerdrift: -0.05 dB

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



Sharp UX-CL220K (High channel - Touch position)

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

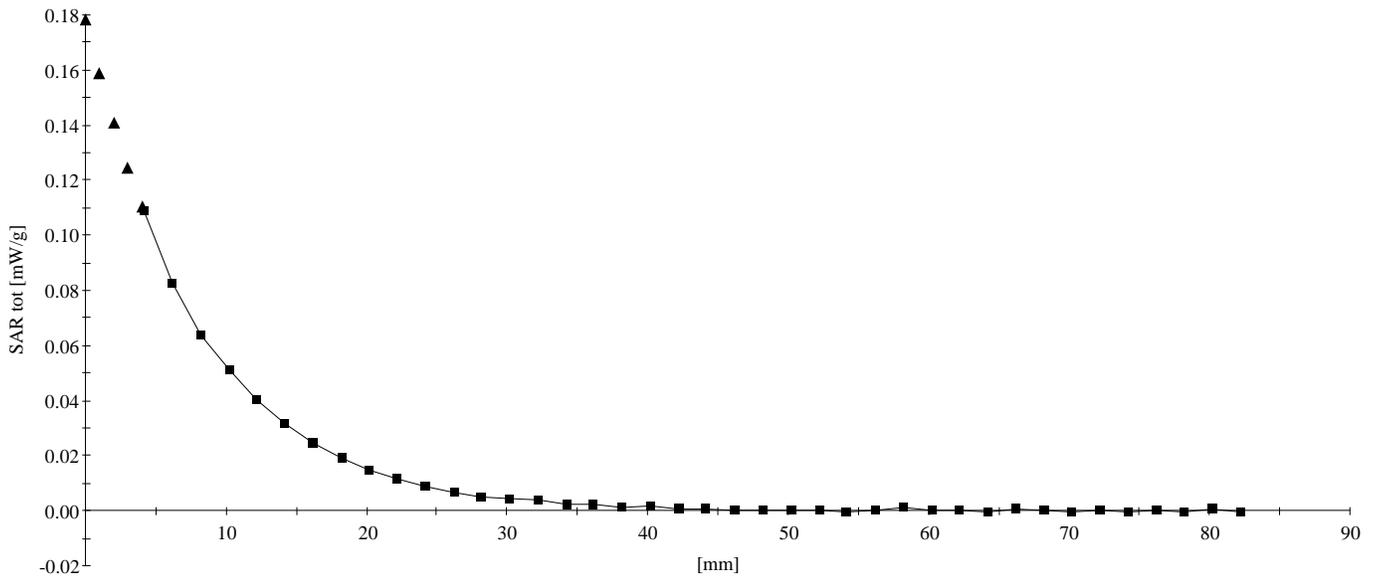
SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR:: , , ()

Penetration depth: 8.0 (7.9, 8.2) [mm];

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



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Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

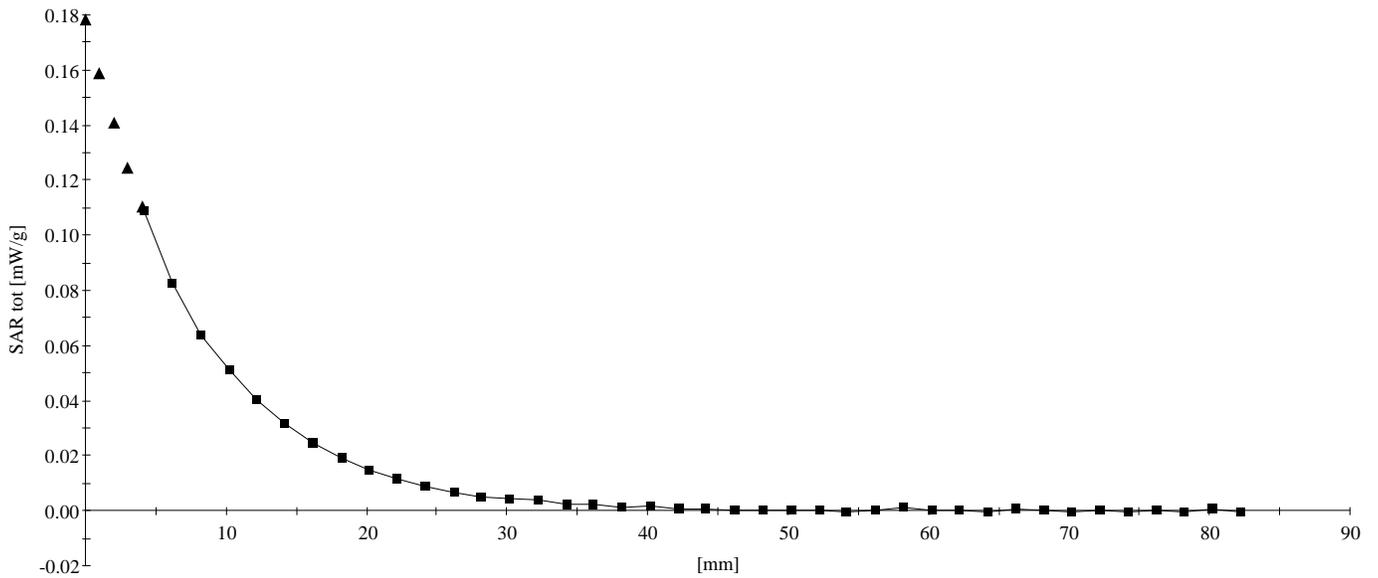
SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR:: , , ()

Penetration depth: 8.0 (7.9, 8.2) [mm];

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



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Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

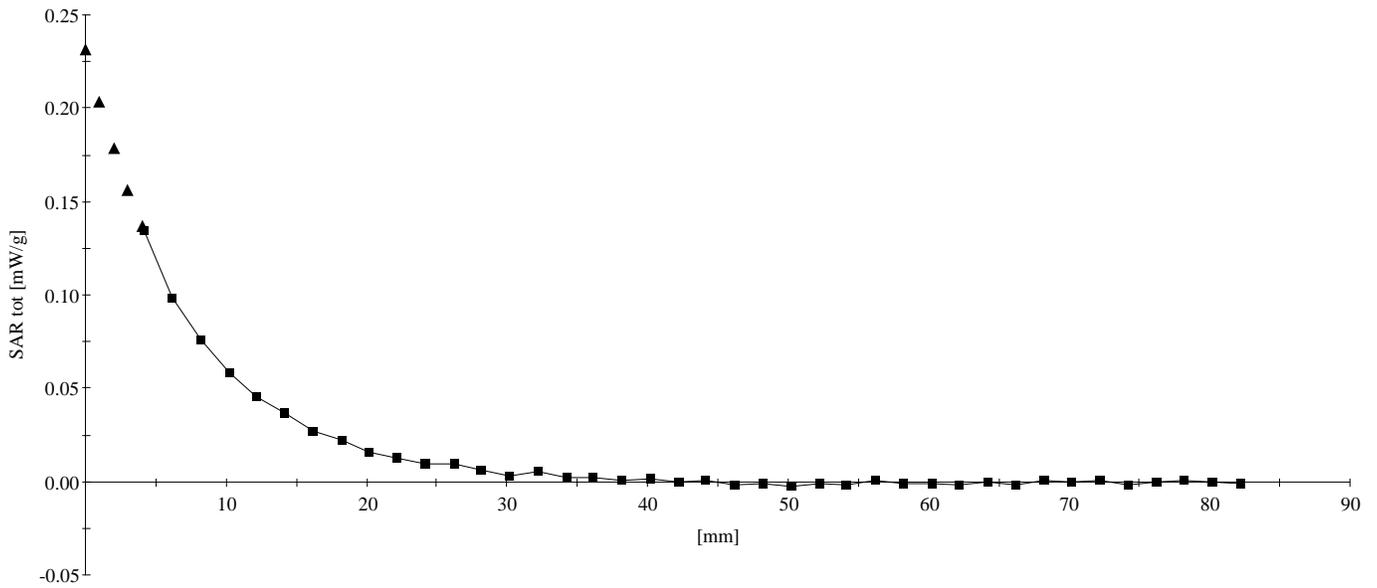
SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR: , , ()

Penetration depth: 7.5 (7.2, 8.0) [mm];

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



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Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

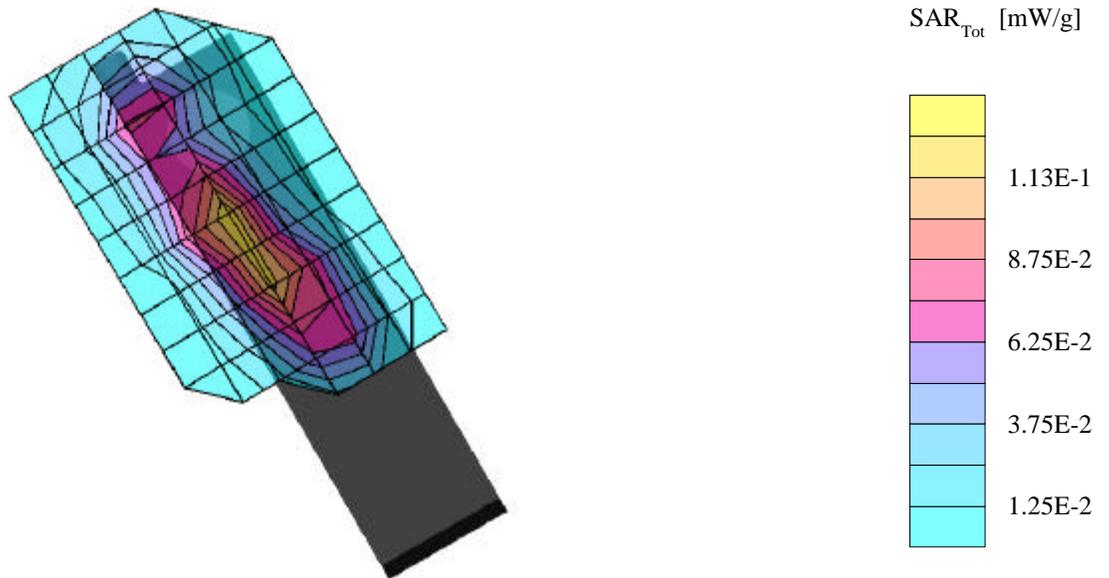
SAM Phantom; Right Hand Section; Position: (80°,300°)

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR:Cube 5x5x7: Peak: 0.234 mW/g, SAR (1g): 0.115 mW/g, SAR (10g): 0.0585 mW/g, (Worst-case extrapolation)

Penetration depth: 7.0 (6.8, 7.3) [mm]; Powerdrift: -0.14 dB

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



Sharp UX-CL220K (High channel - Touch position)

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

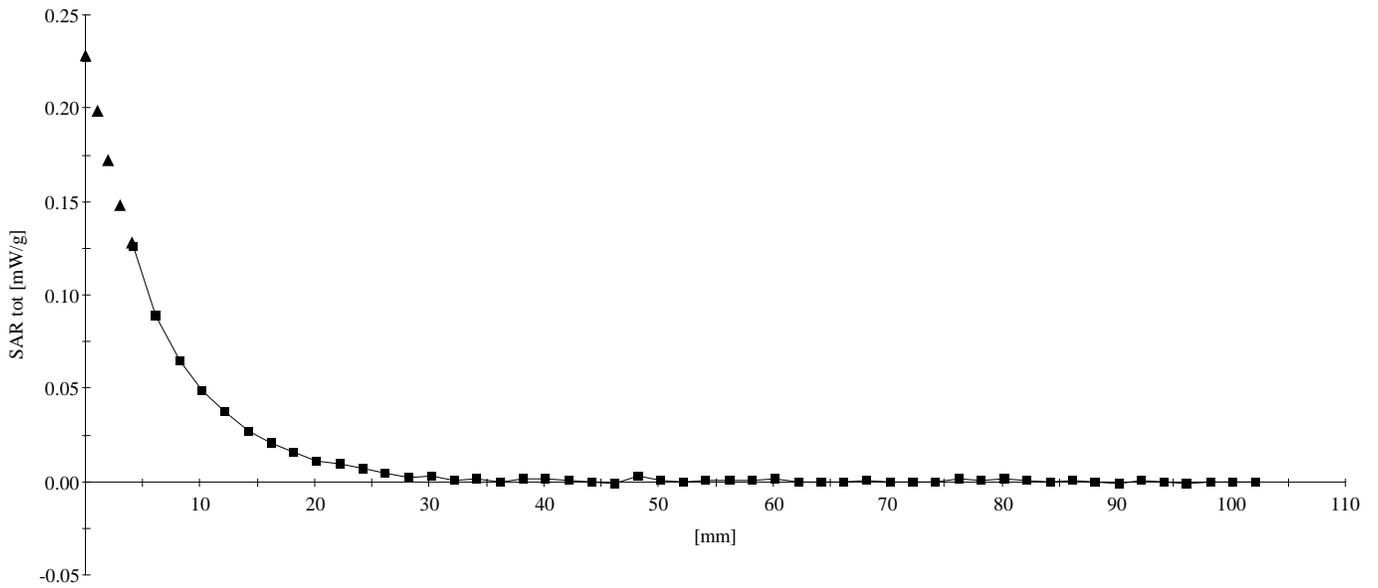
SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR: , , ()

Penetration depth: 6.5 (6.3, 7.1) [mm];

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



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Sharp UX-CL220K (Middle channel - Tilt position)

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

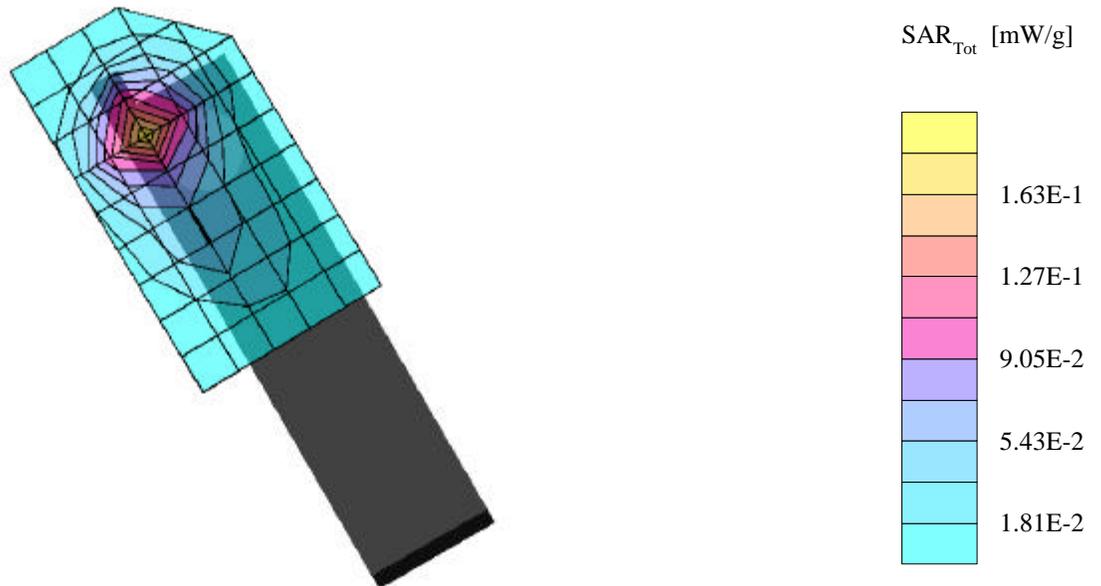
SAM Phantom; Right Hand Section; Position: (80°,300°)

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR:Cube 5x5x7: Peak: 0.322 mW/g, SAR (1g): 0.164 mW/g, SAR (10g): 0.0811 mW/g, (Worst-case extrapolation)

Penetration depth: 7.1 (6.8, 7.8) [mm]; Powerdrift: -0.10 dB

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



Sharp UX-CL220K (Middle channel - Tilt position)

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz: $\sigma = 1.87$ mho/m $\epsilon_r = 39.5$ $\rho = 1.00$ g/cm³

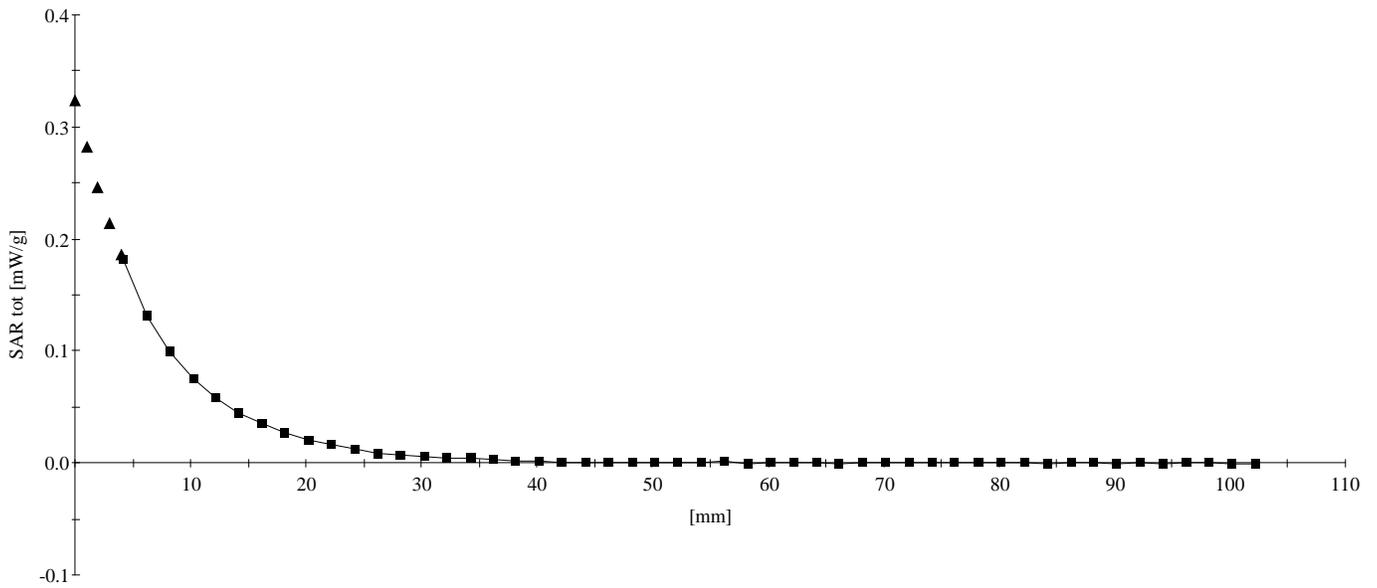
SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR: , , ()

Penetration depth: 7.1 (6.8, 7.7) [mm];

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



Sharp UX-CL220K (High Channel - Body)

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz: $\sigma = 2.01$ mho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

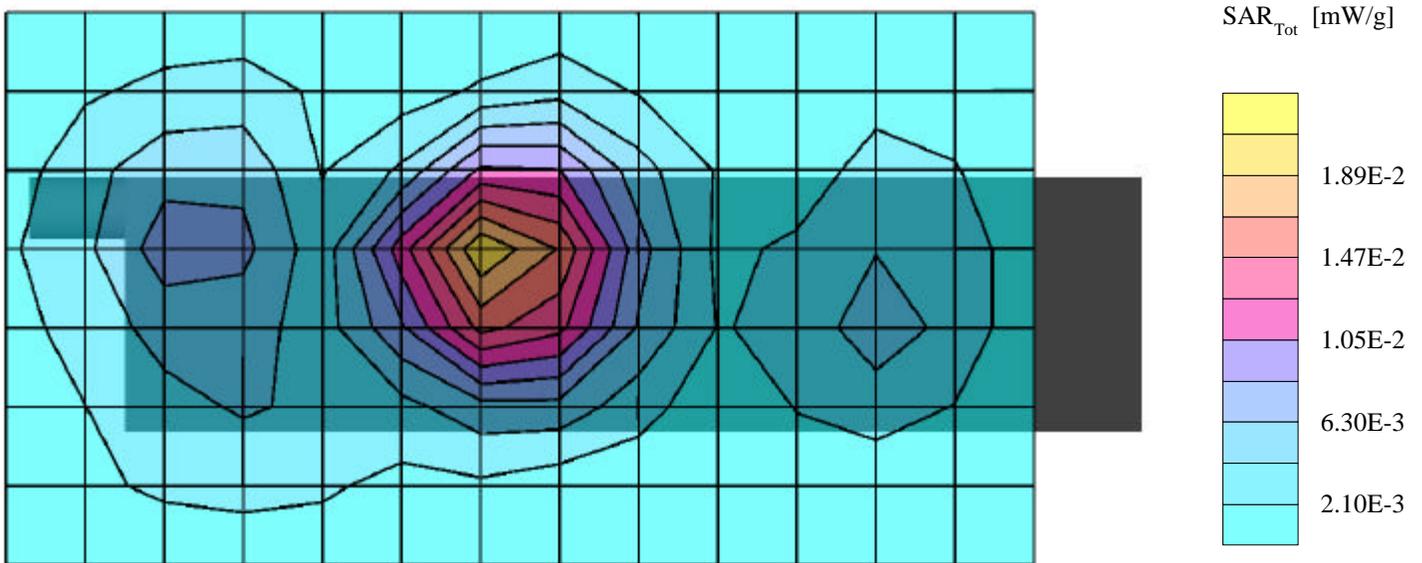
SAM Phantom; Flat Section; Position: (270°,90°)

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

SAR:Cube 5x5x7: Peak: 0.0403 mW/g, SAR (1g): 0.0197 mW/g, SAR (10g): 0.0107 mW/g, (Worst-case extrapolation)

Penetration depth: 7.5 (6.2, 10.8) [mm]; Powerdrift: -0.16 dB

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



Sharp UX-CL220K (High Channel - Body)

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz: $\sigma = 2.01$ mho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

SAR: , , ()

Penetration depth: 5.3 (4.2, 6.6) [mm];

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

