

Opal

Opal, FCC #02TC, PCS ch1175, Left Cheek, 07-19-02

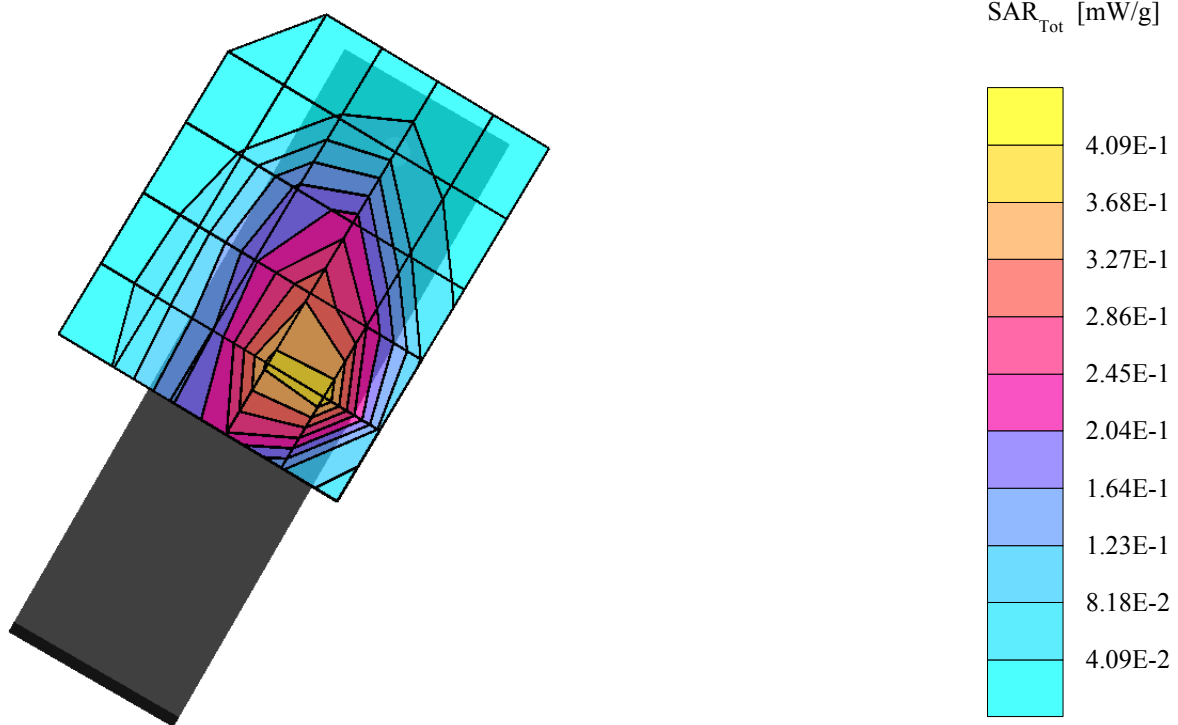
SAM Phantom; Left Hand Section; Position: (80°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.450 mW/g, SAR (10g): 0.235 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.01 dB



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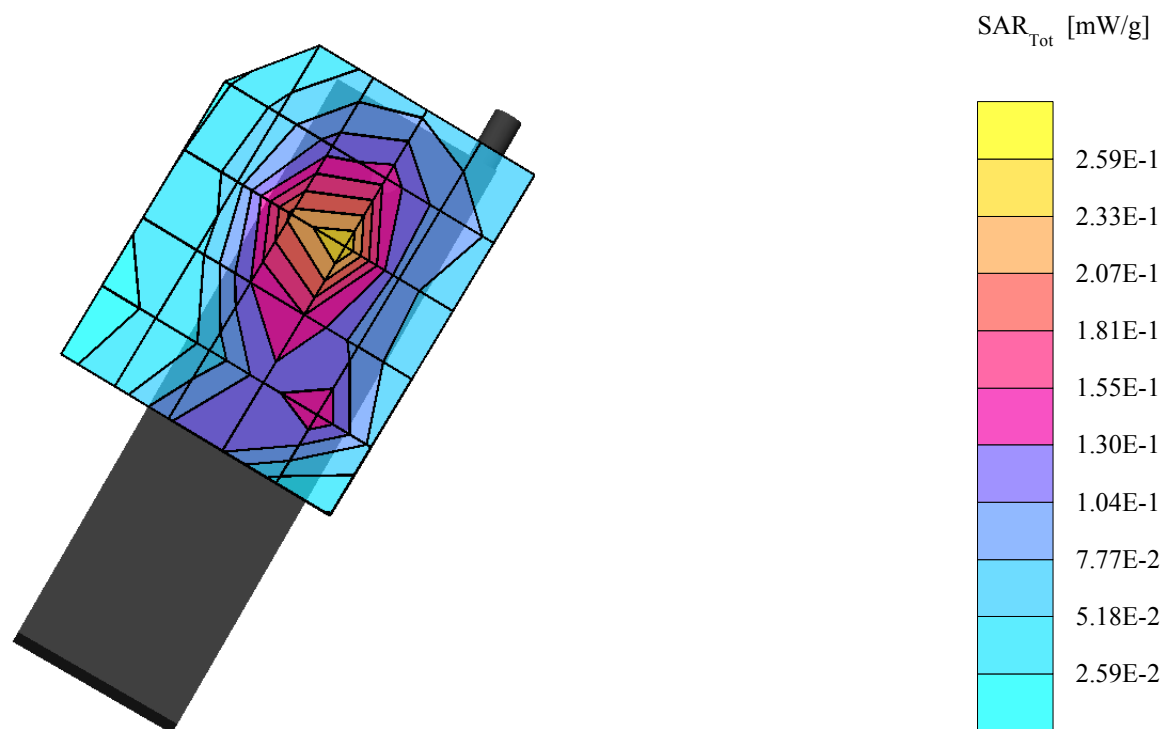
SAM Phantom; Left Hand Section; Position: (80°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.268 mW/g, SAR (10g): 0.155 mW/g * Max outside, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.15 dB



Opal

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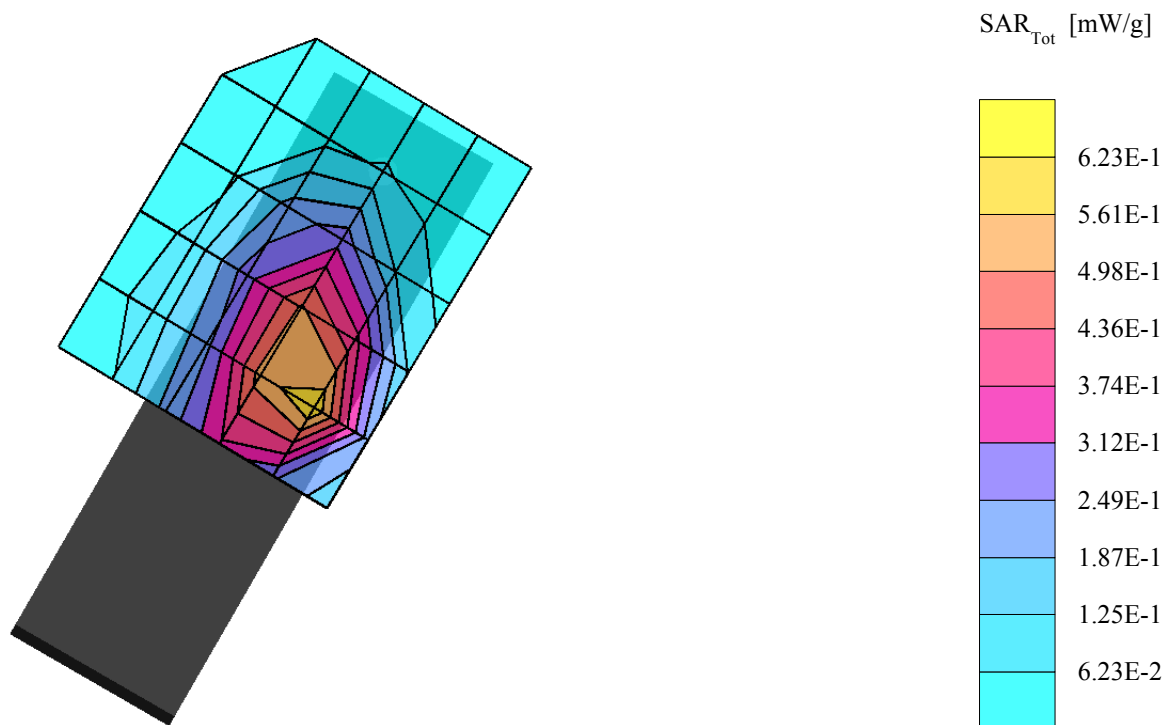
SAM Phantom; Left Hand Section; Position: (80°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.634 mW/g, SAR (10g): 0.350 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.10 dB



Opal

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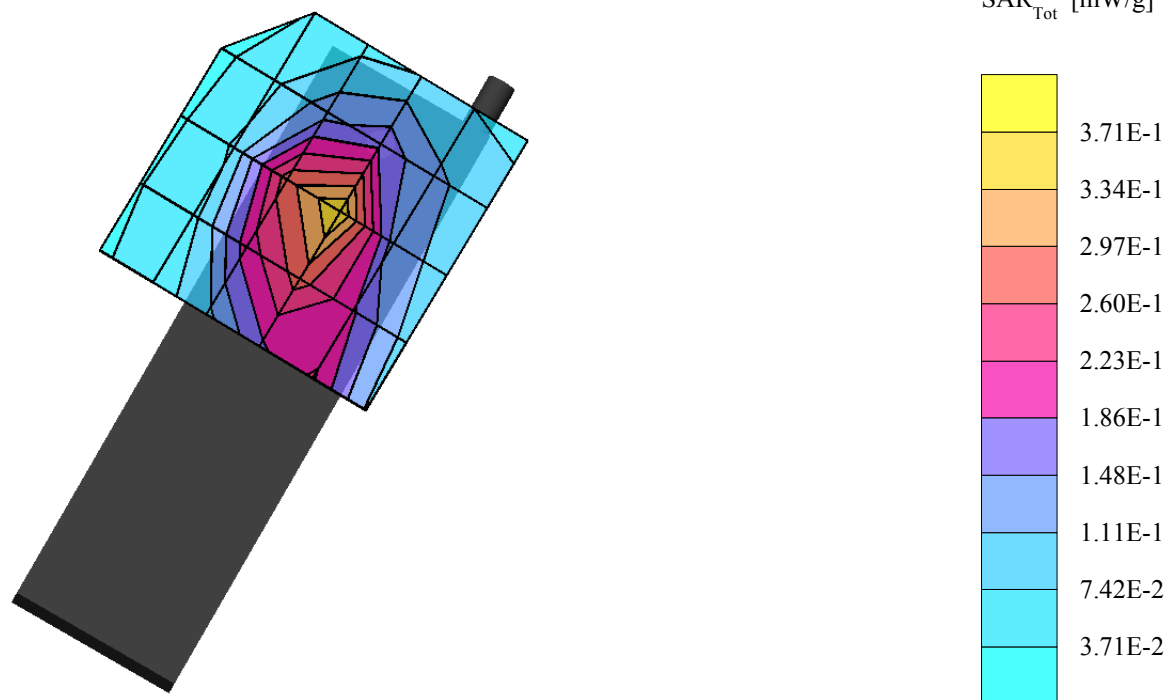
SAM Phantom; Left Hand Section; Position: (80°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.389 mW/g, SAR (10g): 0.227 mW/g * Max outside, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.12 dB



Opal

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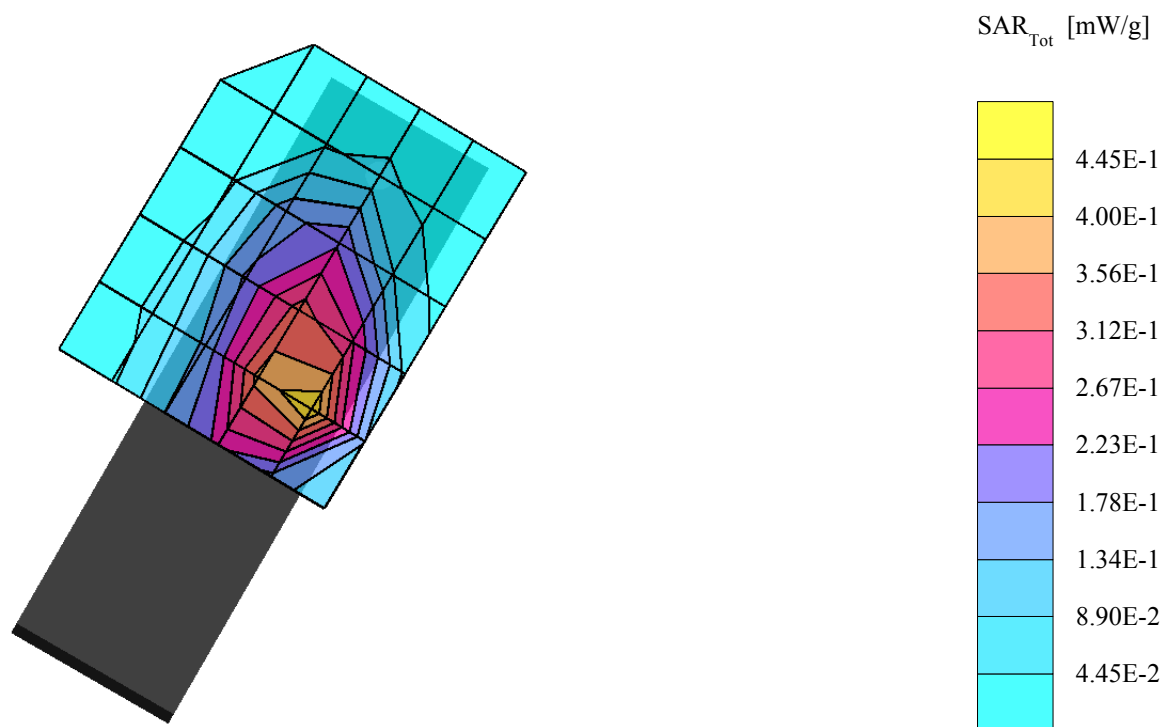
SAM Phantom; Left Hand Section; Position: (80°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.462 mW/g, SAR (10g): 0.245 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.04 dB



Opal

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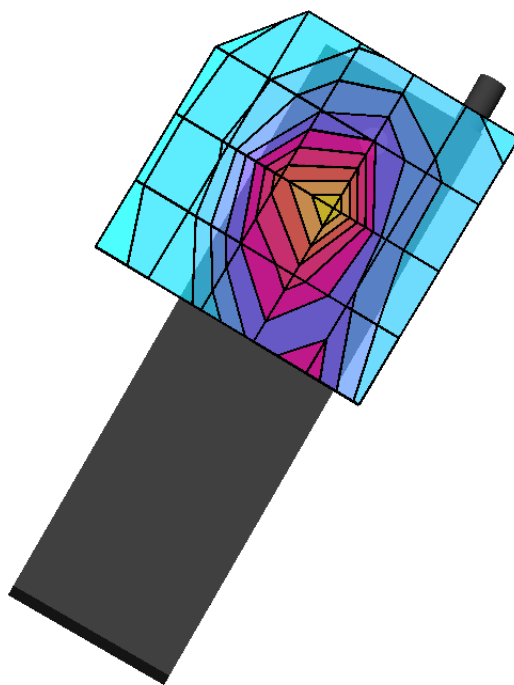
SAM Phantom; Left Hand Section; Position: (80°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

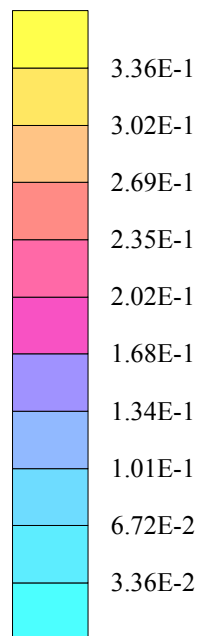
Cube 7x7x7: SAR (1g): 0.344 mW/g, SAR (10g): 0.200 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.13 dB



SAR_{Tot} [mW/g]



Opal

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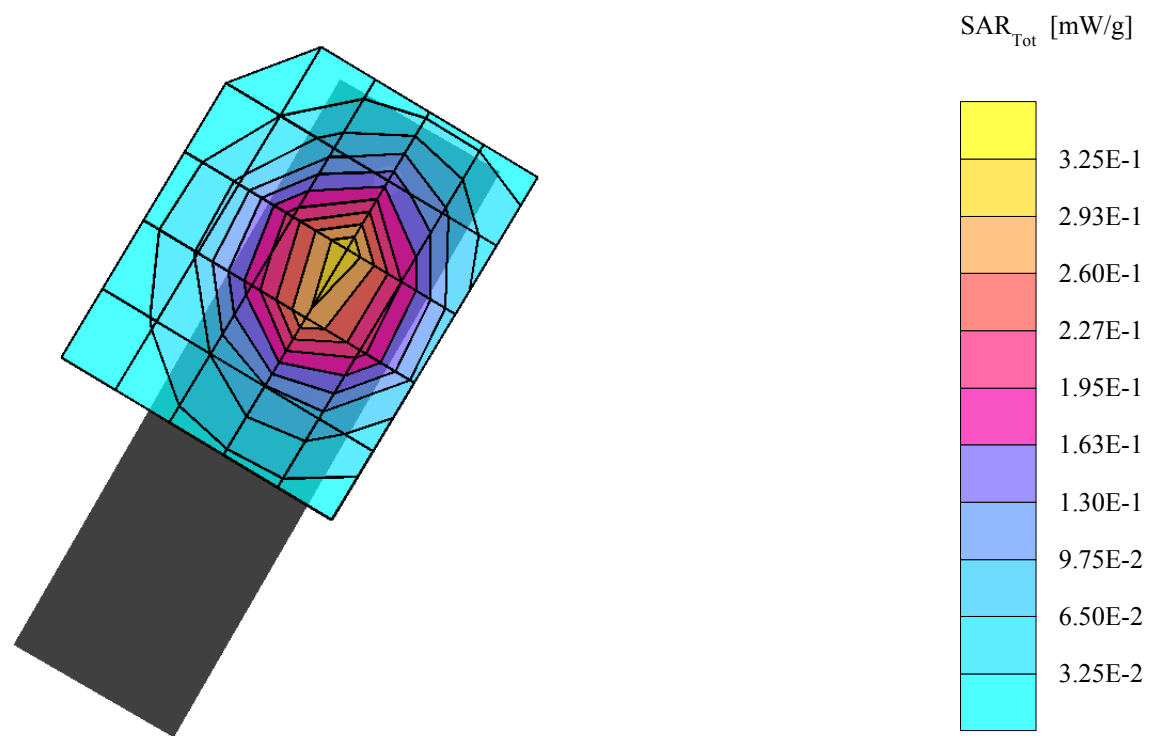
SAM Phantom; Left Hand Section; Position: (90°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.322 mW/g, SAR (10g): 0.193 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.04 dB



Opal

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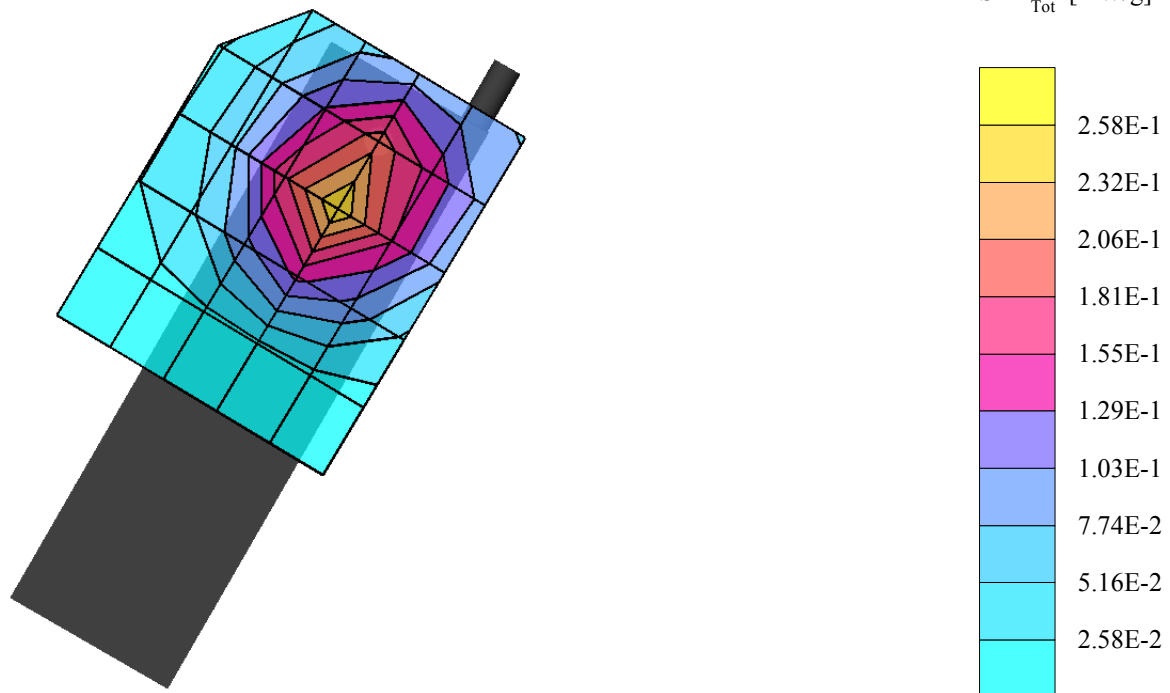
SAM Phantom; Left Hand Section; Position: (90°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.232 mW/g, SAR (10g): 0.141 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.03 dB



Opal

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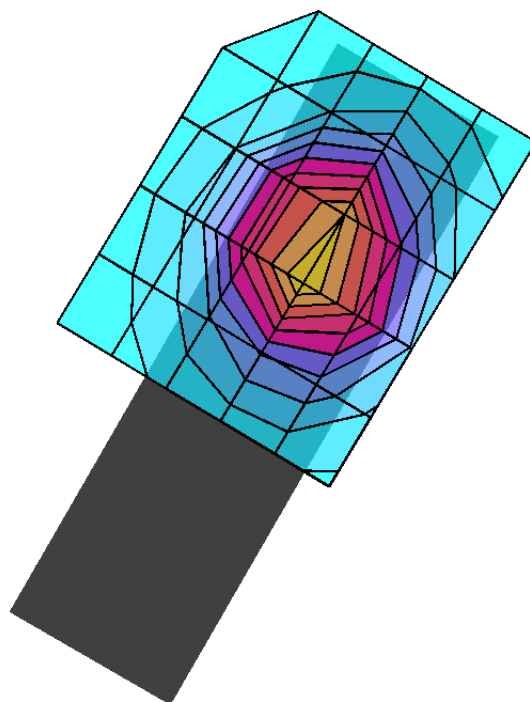
SAM Phantom; Left Hand Section; Position: (90°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

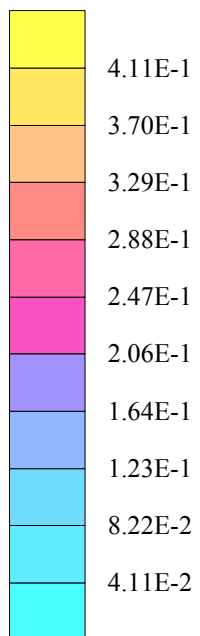
Cube 7x7x7: SAR (1g): 0.416 mW/g, SAR (10g): 0.251 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.19 dB



SAR_{Tot} [mW/g]



Opal

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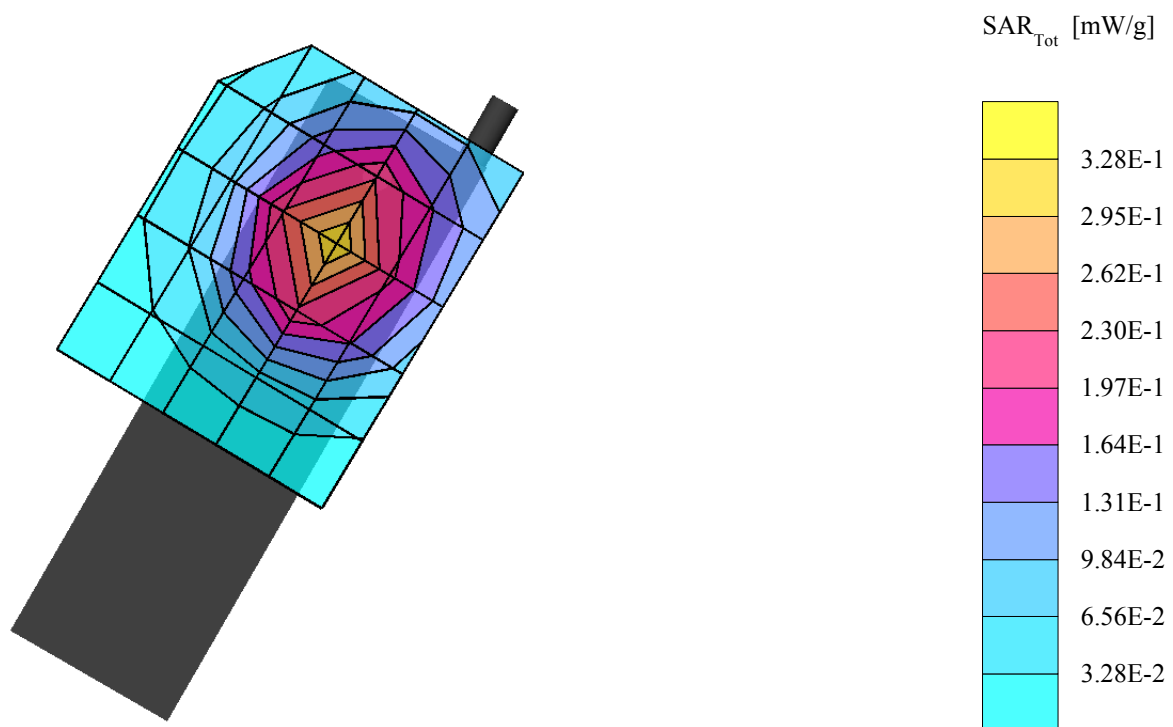
SAM Phantom; Left Hand Section; Position: (90°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.295 mW/g, SAR (10g): 0.182 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.09 dB



Opal

Opal, FCC #02TC, PCS ch600, Left Tilt, 07-19-02

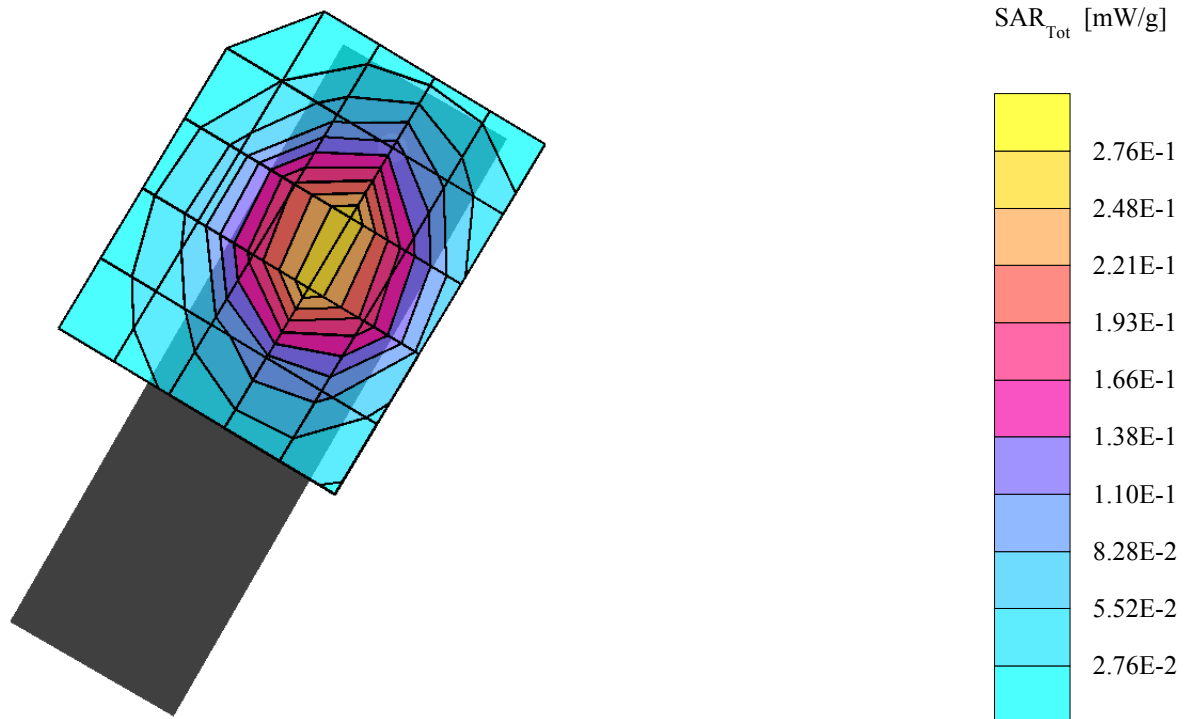
SAM Phantom; Left Hand Section; Position: (90°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.295 mW/g, SAR (10g): 0.178 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.11 dB



Opal

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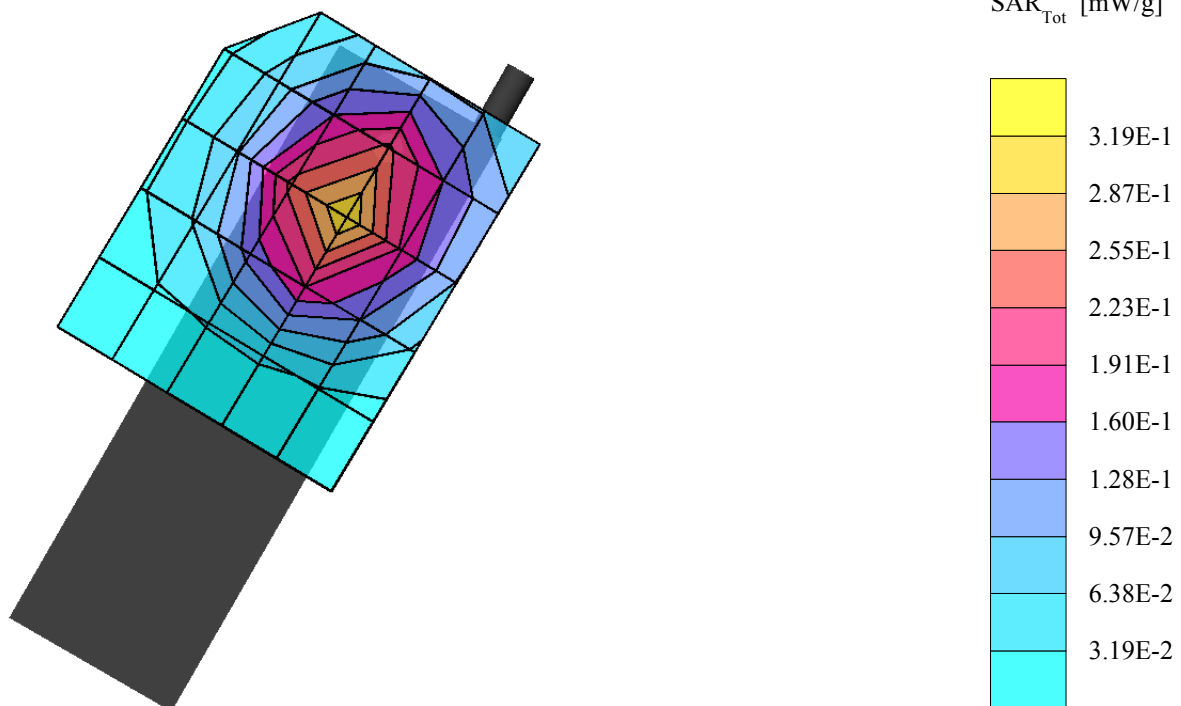
SAM Phantom; Left Hand Section; Position: (90°,60°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.294 mW/g, SAR (10g): 0.179 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.09 dB



Opal

Opal, FCC #02TC, PCS ch1175, Right Cheek, 07-19-02

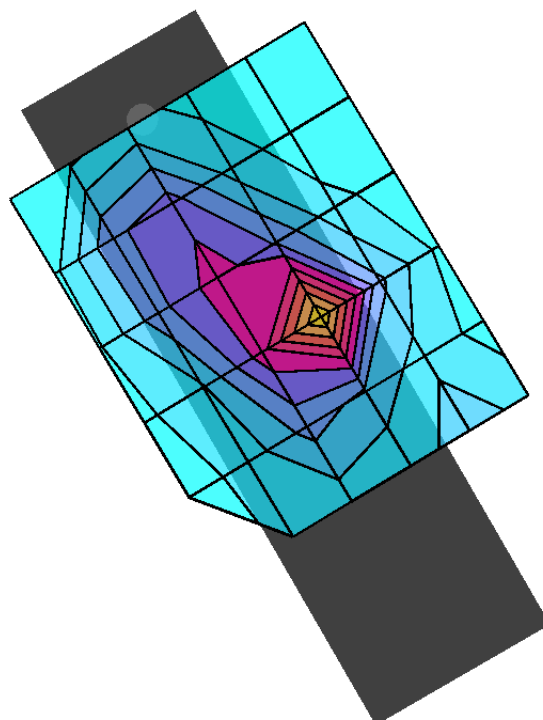
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

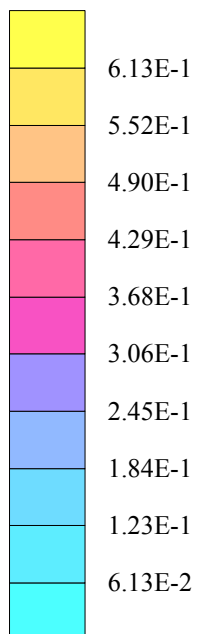
Cube 7x7x7: SAR (1g): 0.555 mW/g, SAR (10g): 0.281 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.10 dB



SAR_{Tot} [mW/g]



Opal

Opal, FCC #02TC, PCS ch1175, Right Cheek, 07-19-02

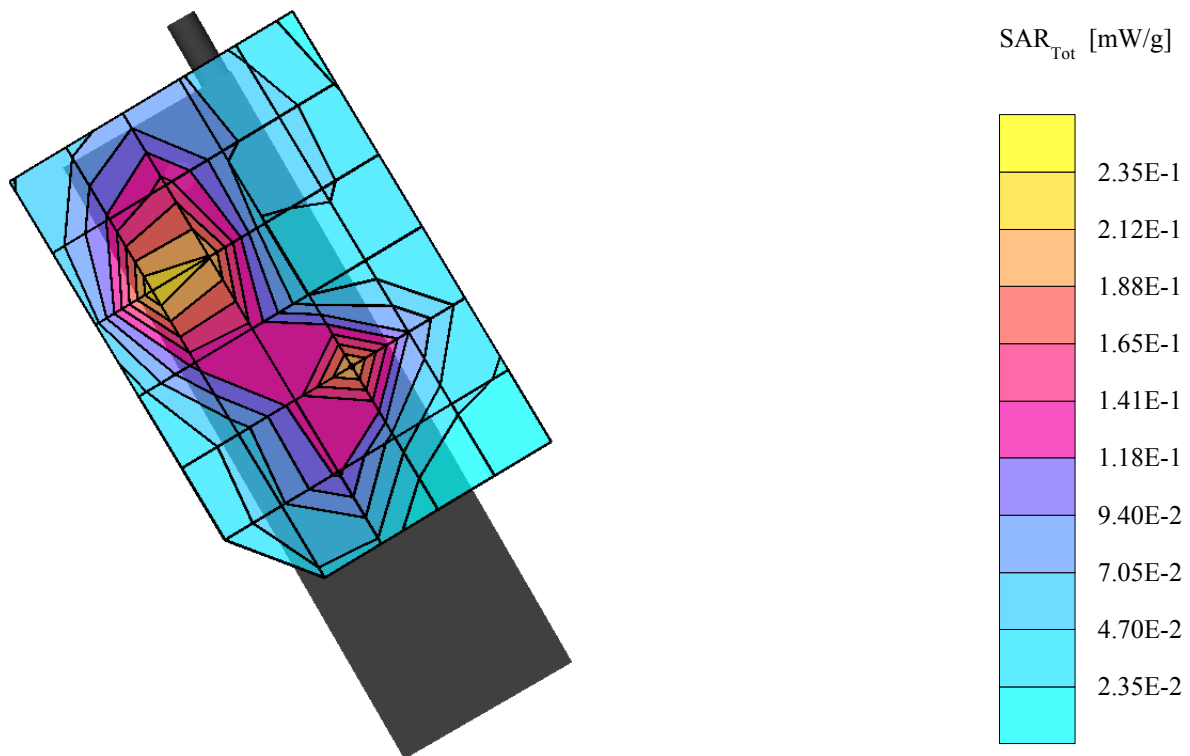
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.248 mW/g, SAR (10g): 0.134 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.01 dB



Opal

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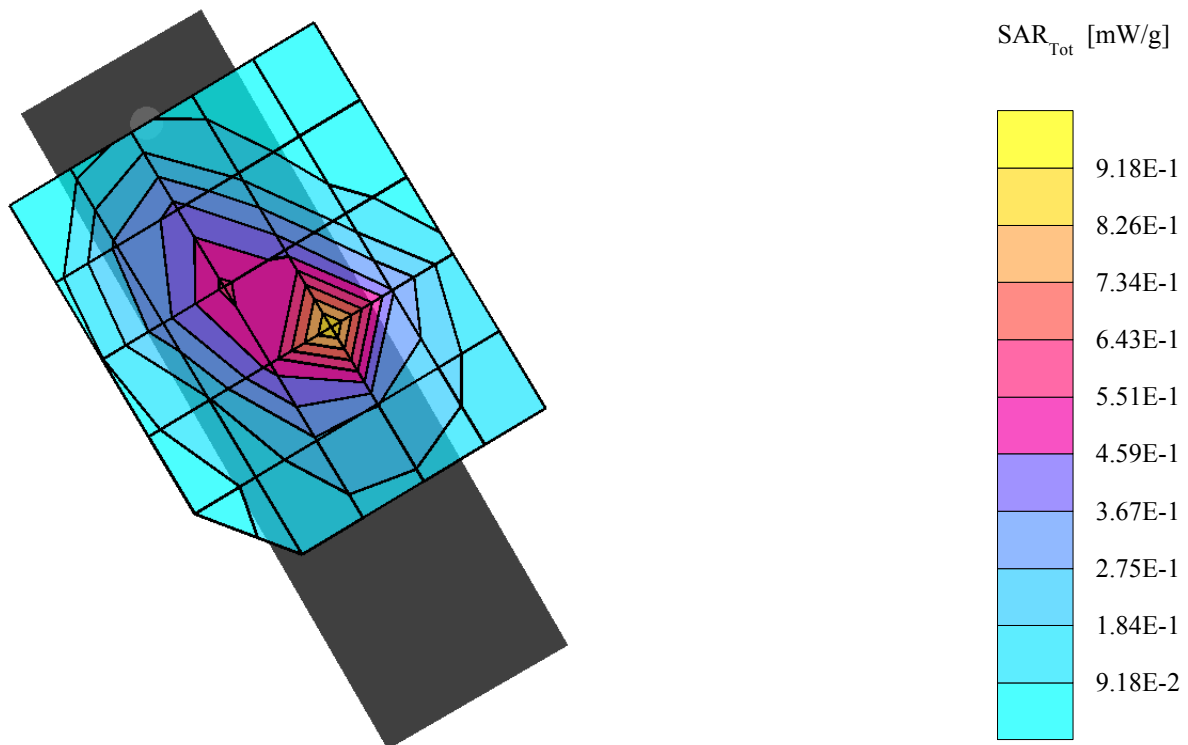
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.832 mW/g, SAR (10g): 0.434 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.01 dB



Opal

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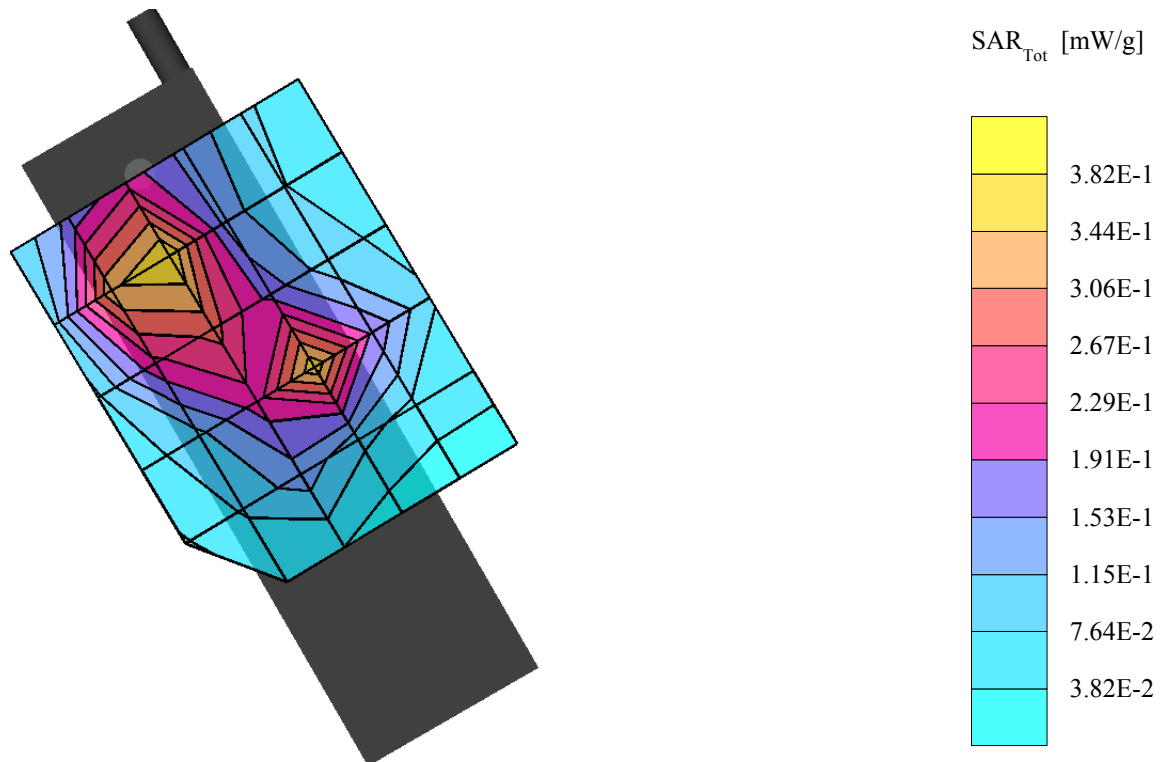
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.406 mW/g, SAR (10g): 0.233 mW/g * Max outside, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.03 dB



Opal

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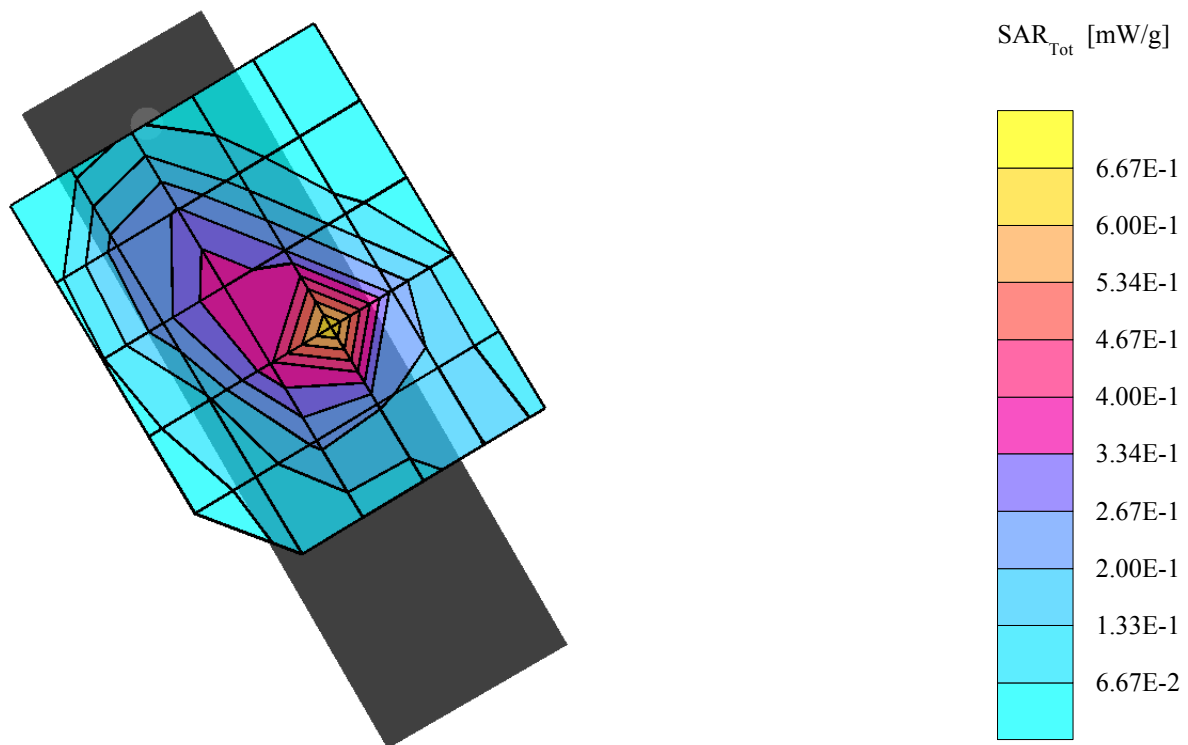
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.603 mW/g, SAR (10g): 0.309 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.06 dB



Opal

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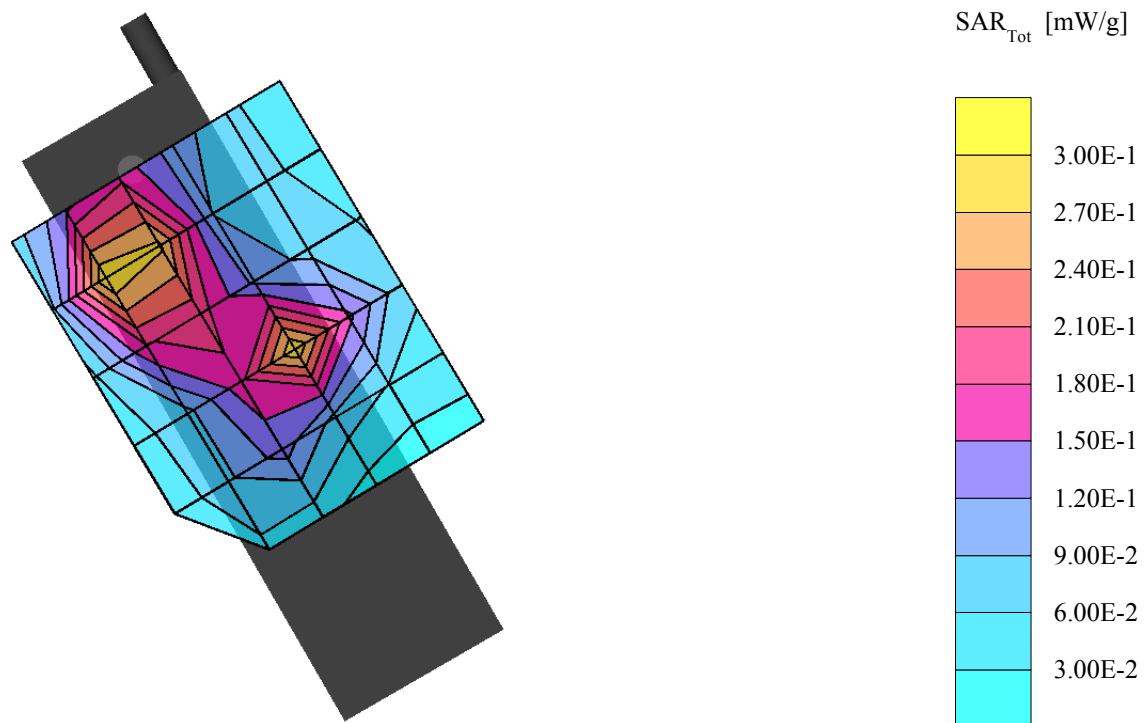
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.330 mW/g, SAR (10g): 0.189 mW/g * Max outside, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.15 dB



Opal

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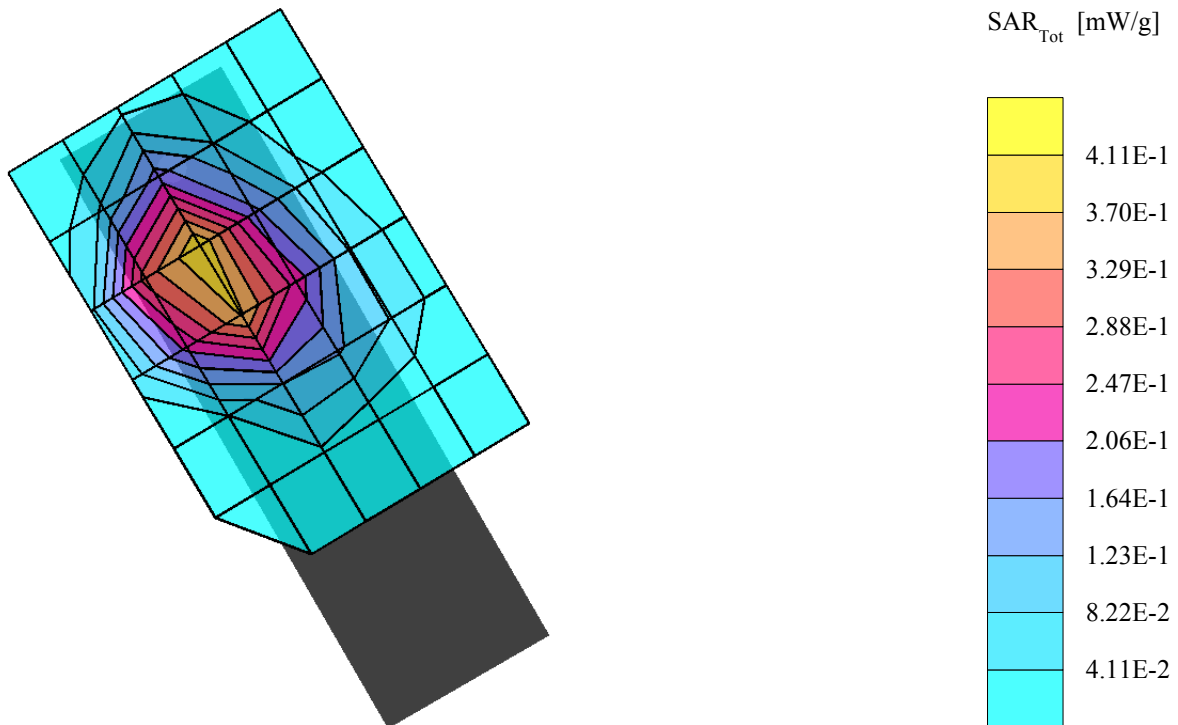
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.401 mW/g, SAR (10g): 0.217 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.20 dB



Opal

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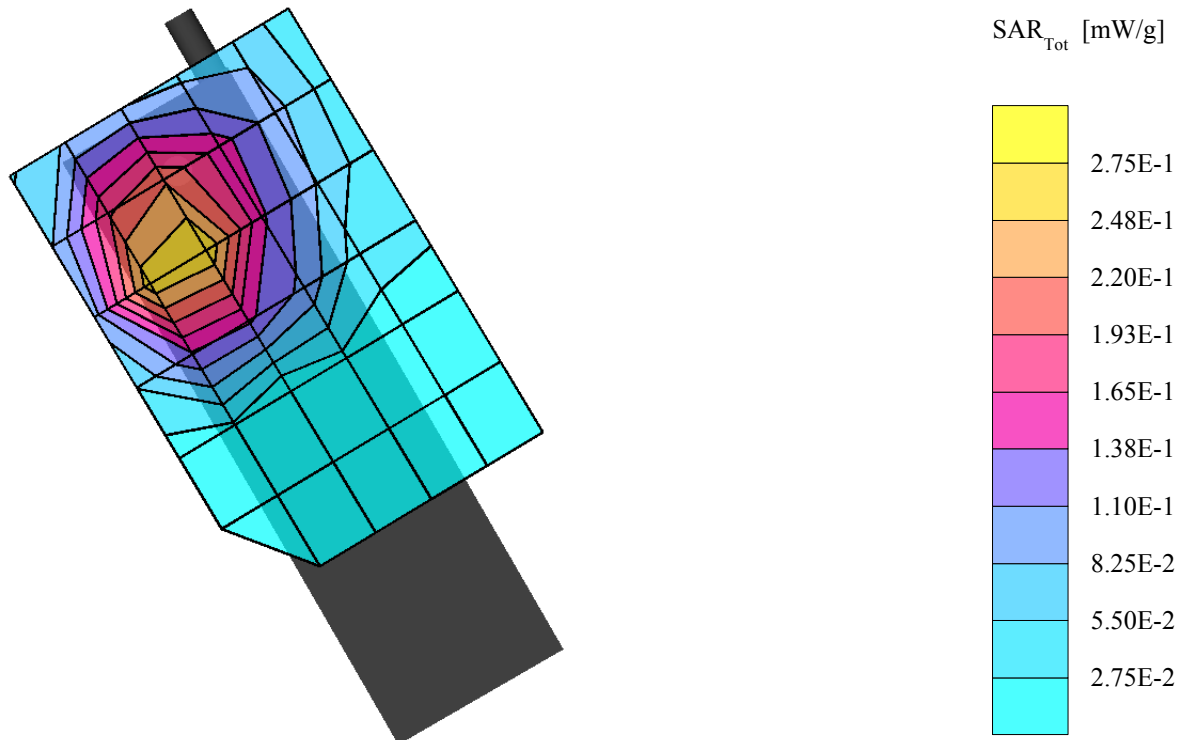
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.294 mW/g, SAR (10g): 0.164 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.11 dB



Opal

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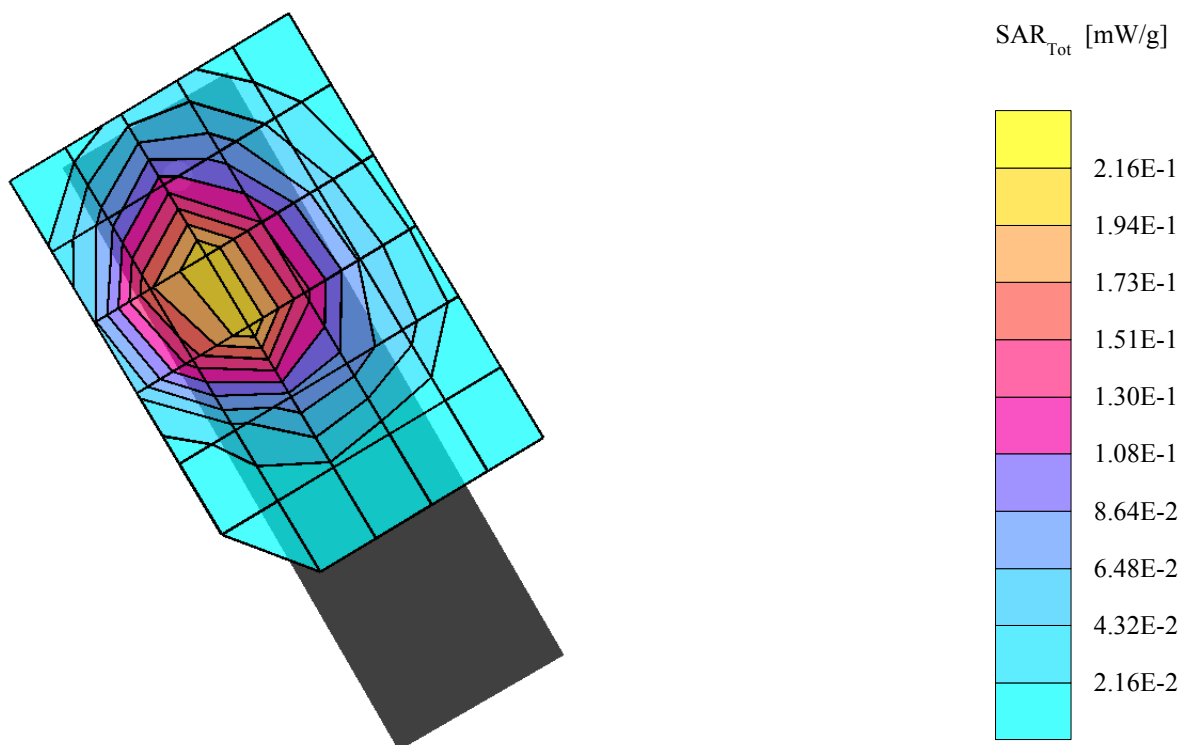
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.290 mW/g, SAR (10g): 0.158 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.13 dB



Opal

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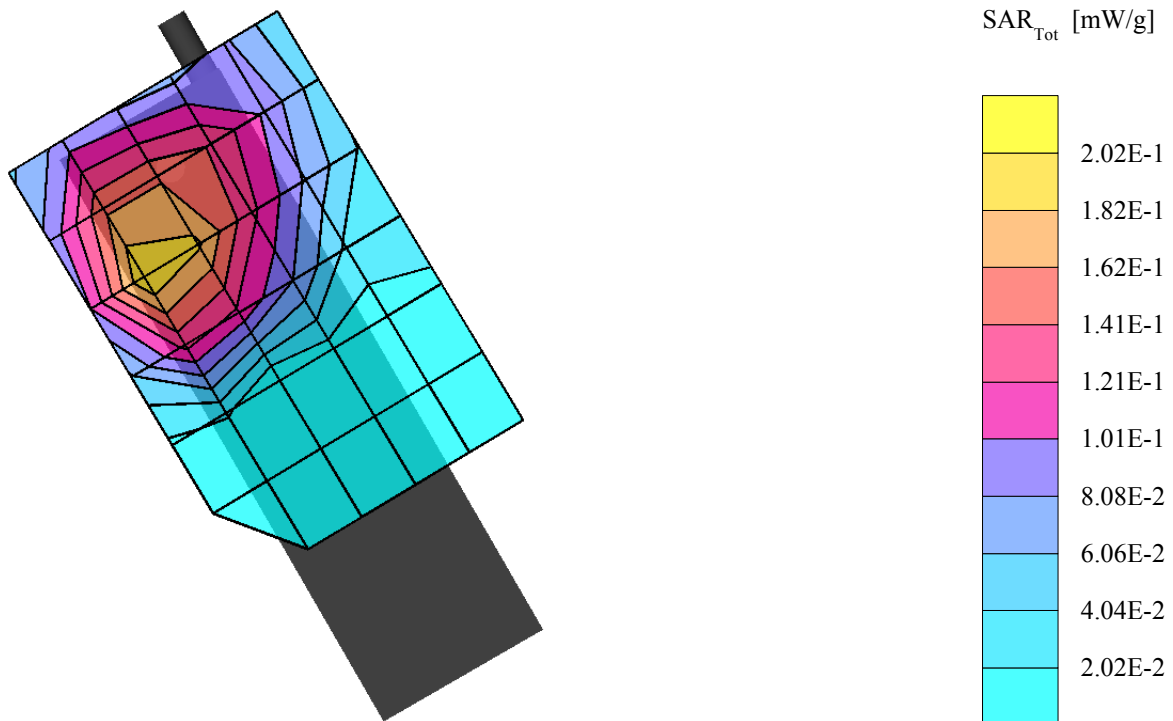
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.210 mW/g, SAR (10g): 0.122 mW/g * Max outside, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.02 dB



Opal

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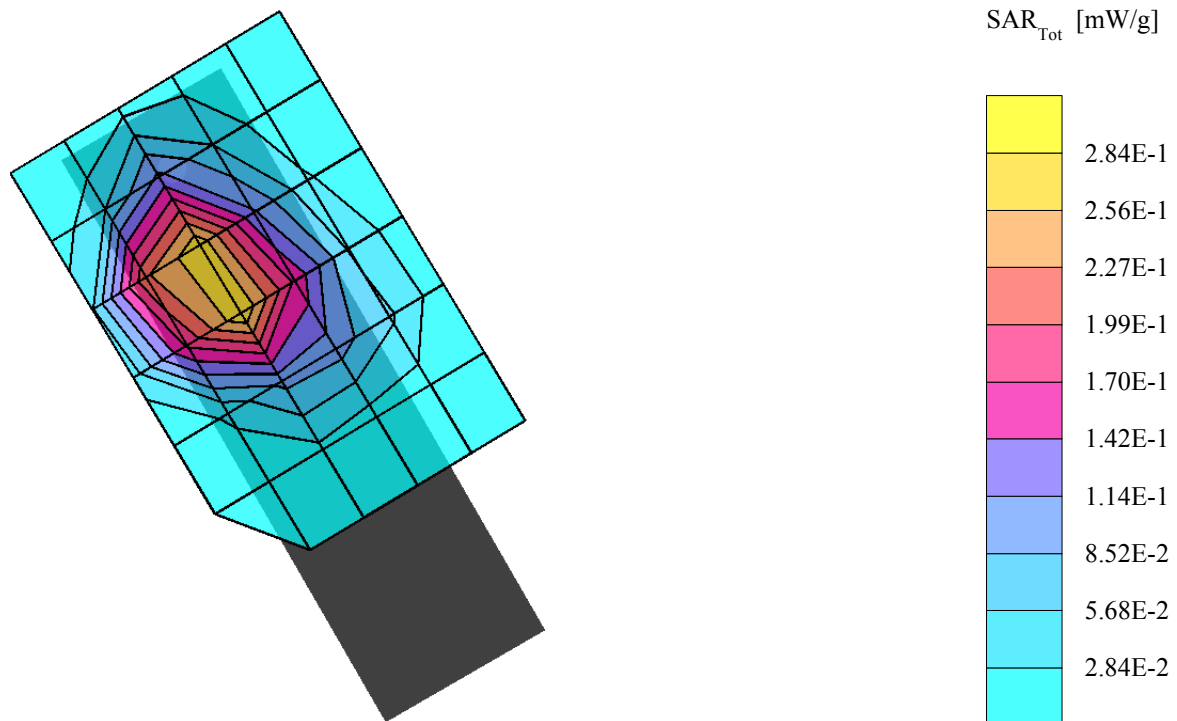
SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.292 mW/g, SAR (10g): 0.163 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.15 dB



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SAM Phantom; Righ Hand Section; Position: (90°,300°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 39.9$ $\rho = 1.00$ g/cm³

Cube 7x7x7: SAR (1g): 0.251 mW/g, SAR (10g): 0.140 mW/g, (Worst-case extrapolation)

Coarse: Dx = 19.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.15 dB

