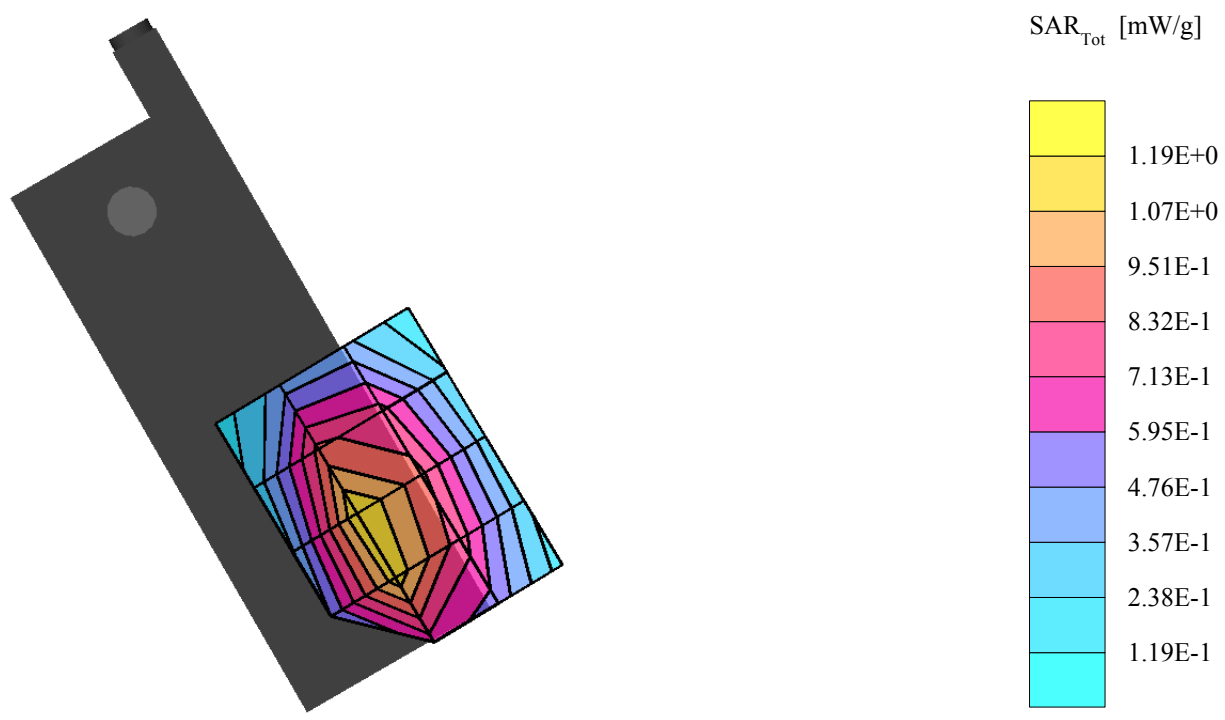


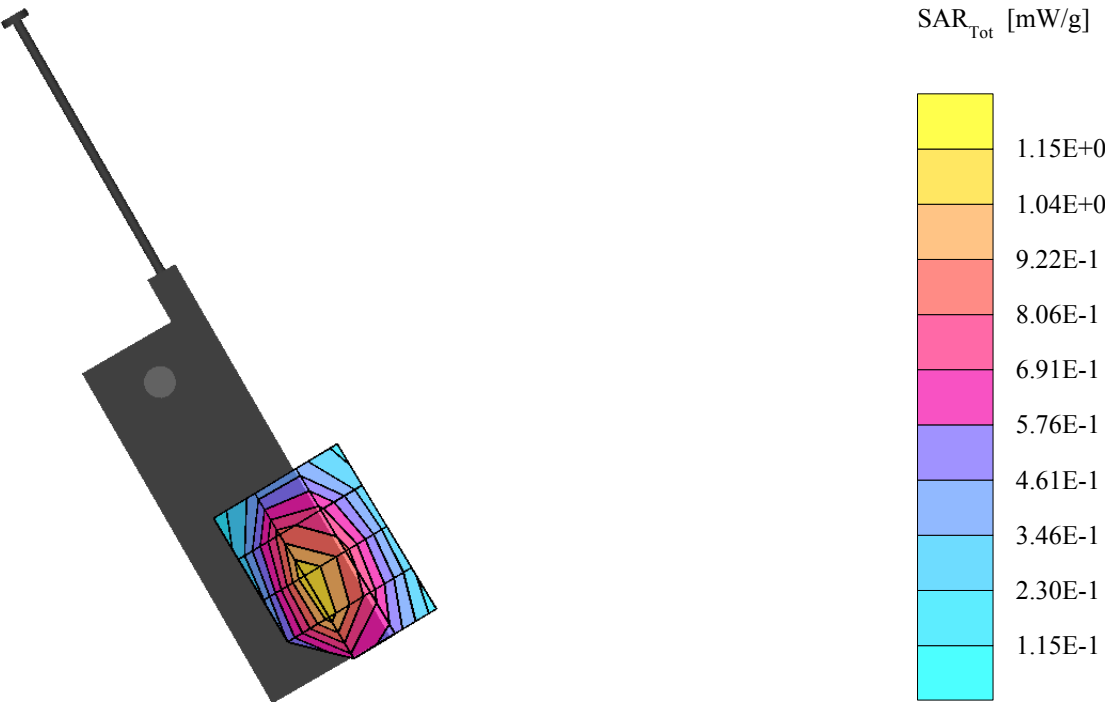
Opal 1X

Opal 1X, FCC #R9LW, FM ch991 Right Cheek, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.15 mW/g, SAR (10g): 0.755 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.11 dB



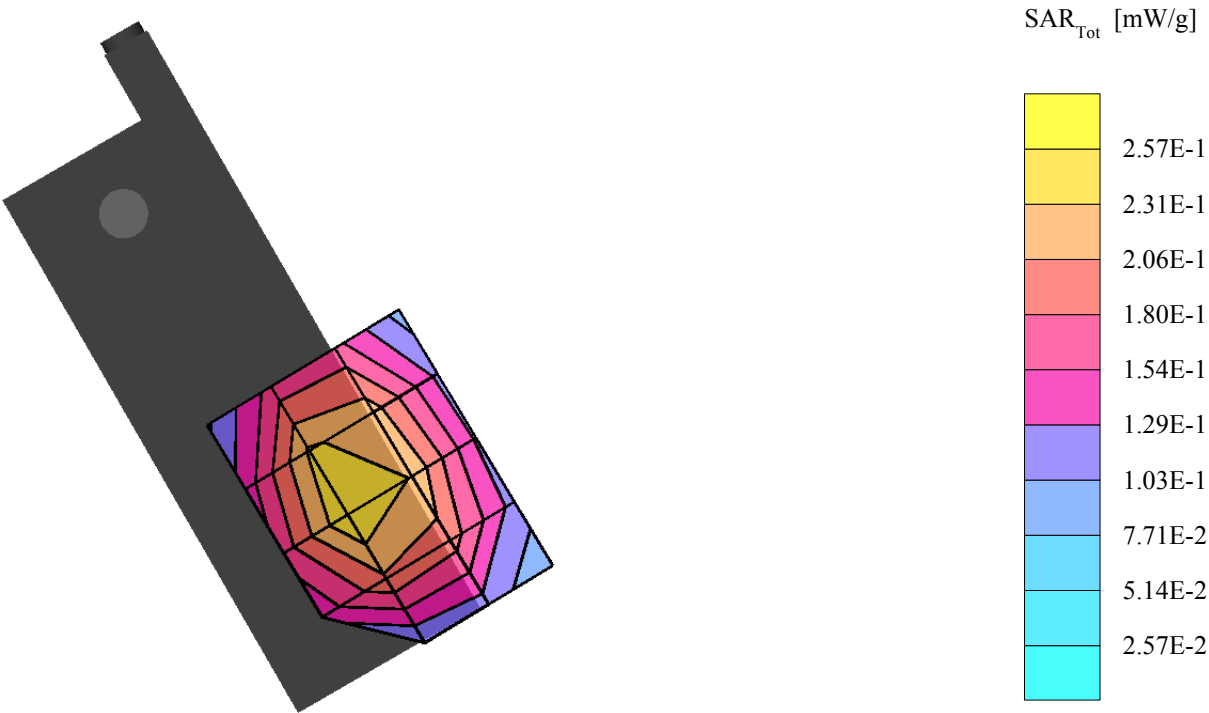
Opal 1X

Opal 1X, FCC #R9LW, FM ch991 Right Cheek, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.12 mW/g, SAR (10g): 0.734 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.29 dB



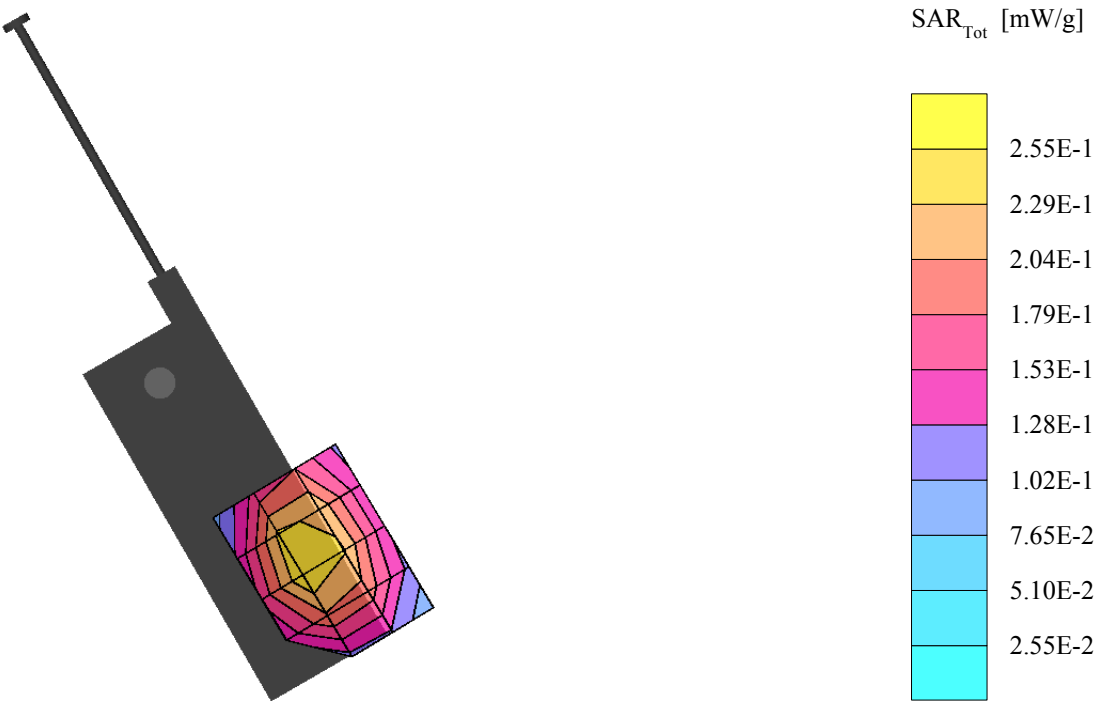
Opal 1X

Opal 1X, FCC #R9LW, FM ch991 Right Tilt, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87 \text{ mho/m}$ $\epsilon_r = 41.1$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.262 mW/g, SAR (10g): 0.187 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.05 dB



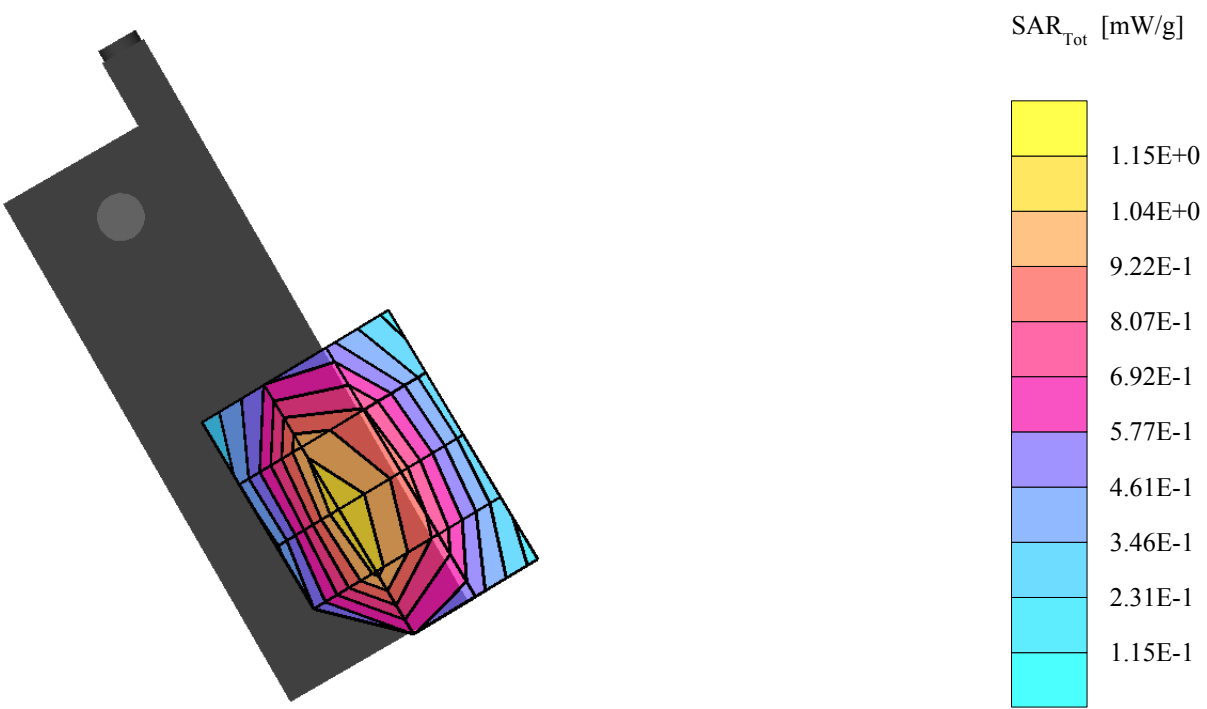
Opal 1X

Opal 1X, FCC #R9LW, FM ch991 Right Tilt, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.257 mW/g, SAR (10g): 0.184 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.08 dB



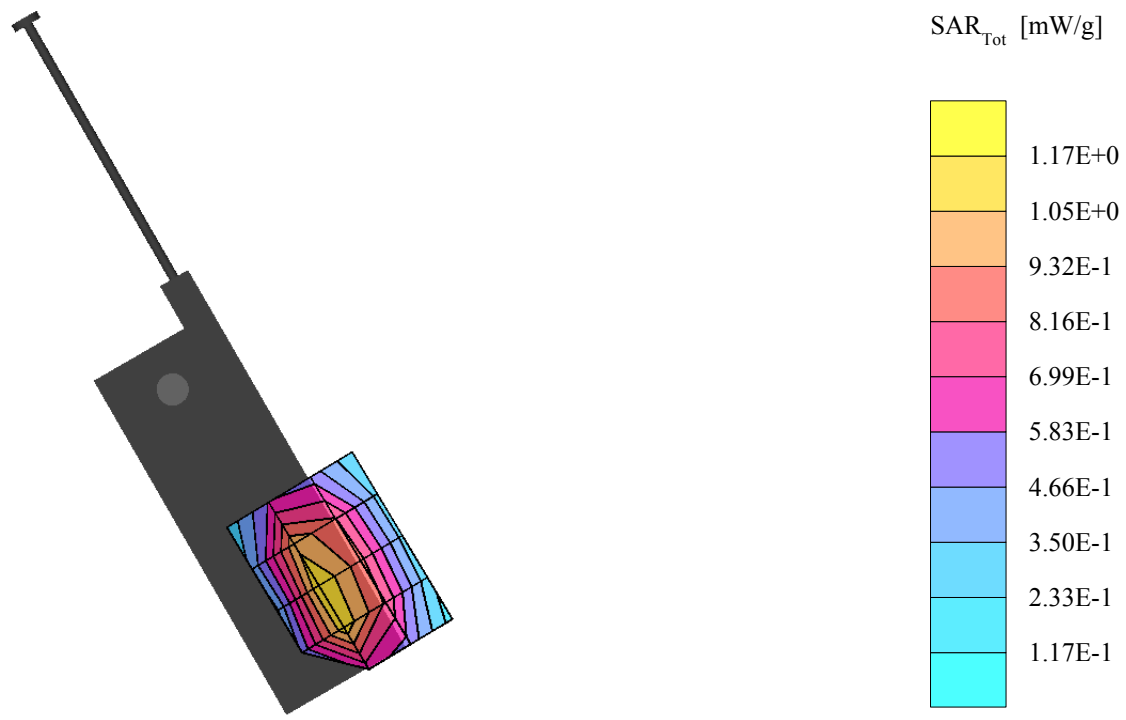
Opal 1X

Opal 1X, FCC #R9LW, FM ch383 Right Cheek, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 40.8$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.16 mW/g, SAR (10g): 0.774 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.20 dB



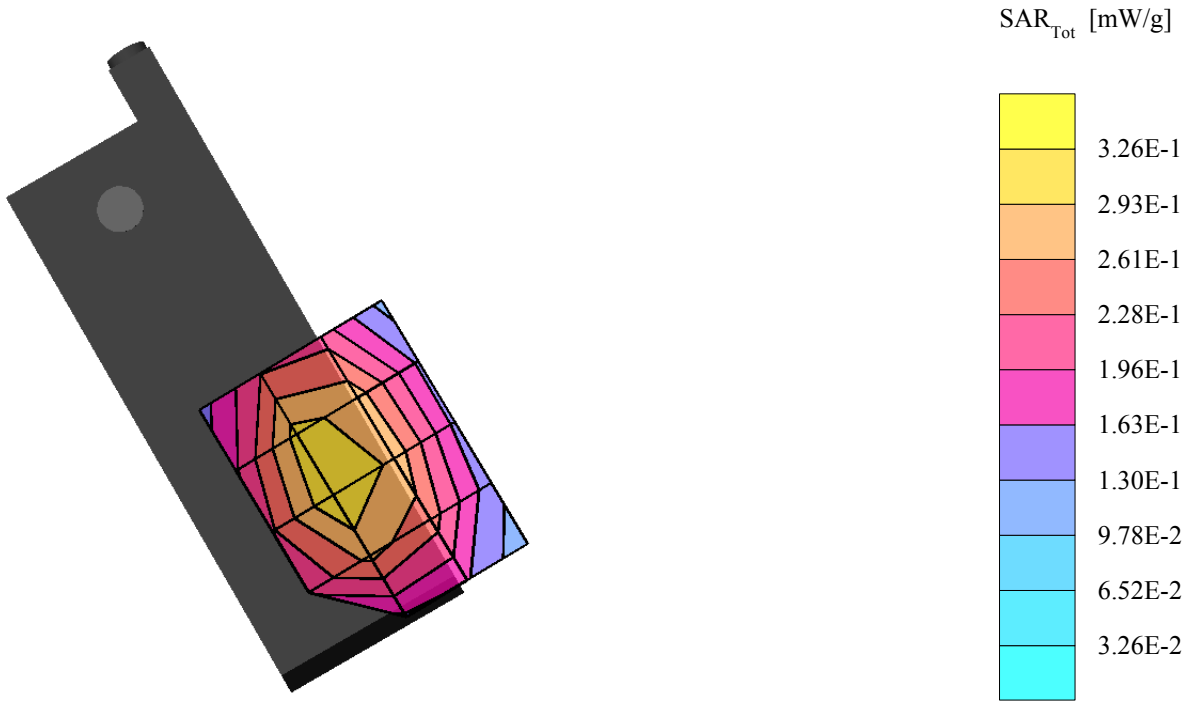
Opal 1X

Opal 1X, FCC #R9LW, FM ch383 Right Cheek, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 40.8$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.14 mW/g, SAR (10g): 0.768 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.07 dB



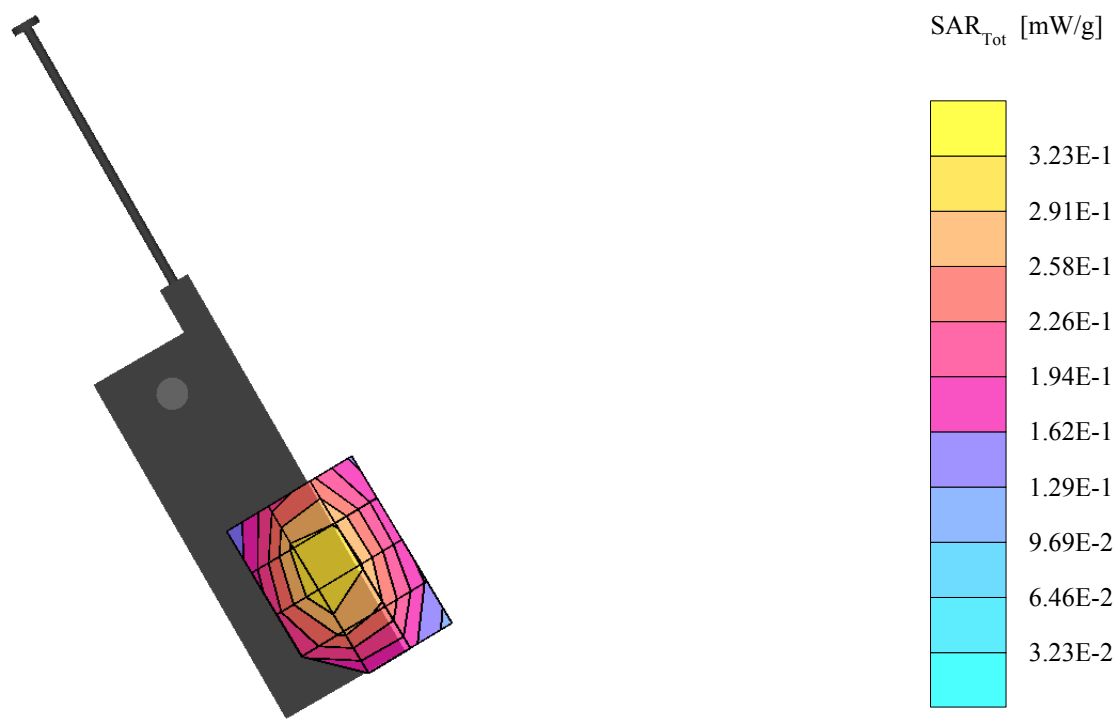
Opal 1X

Opal 1X, FCC #R9LW, FM ch383 Right Tilt, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (79°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.319 mW/g, SAR (10g): 0.233 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.15 dB



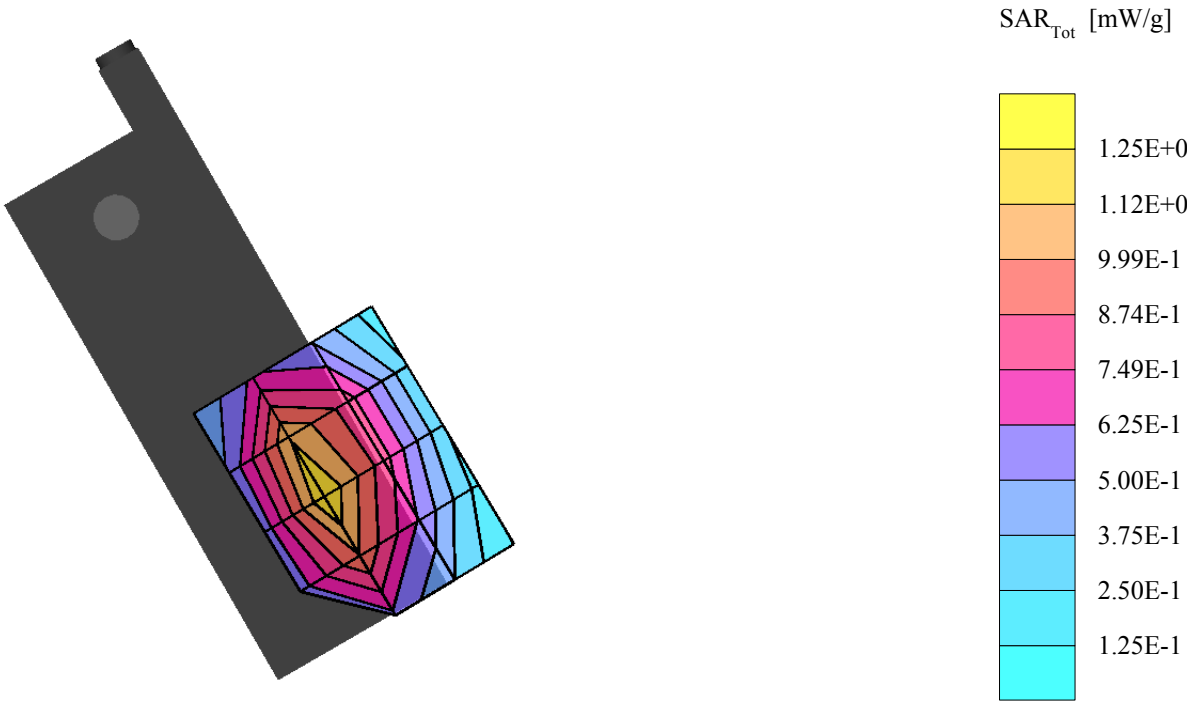
Opal 1X

Opal 1X, FCC #R9LW, FM ch383 Right Tilt, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.310 mW/g, SAR (10g): 0.227 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.01 dB



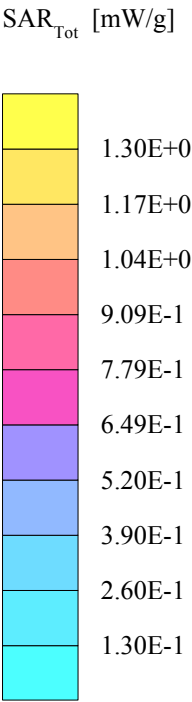
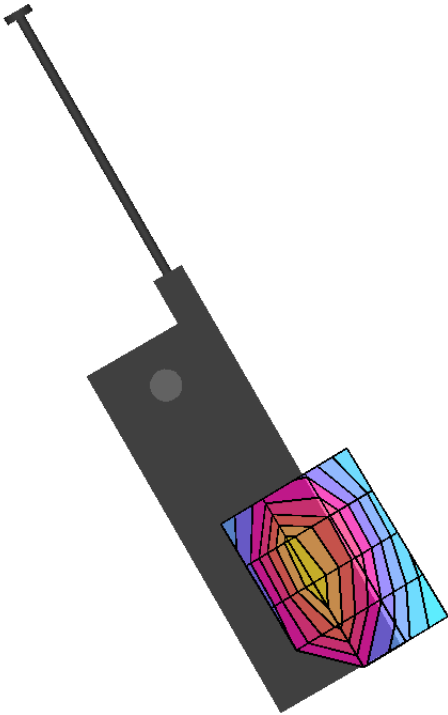
Opal 1X

Opal 1X, FCC #R9LW, FM ch799 Right Cheek, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.21 mW/g, SAR (10g): 0.783 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.04 dB



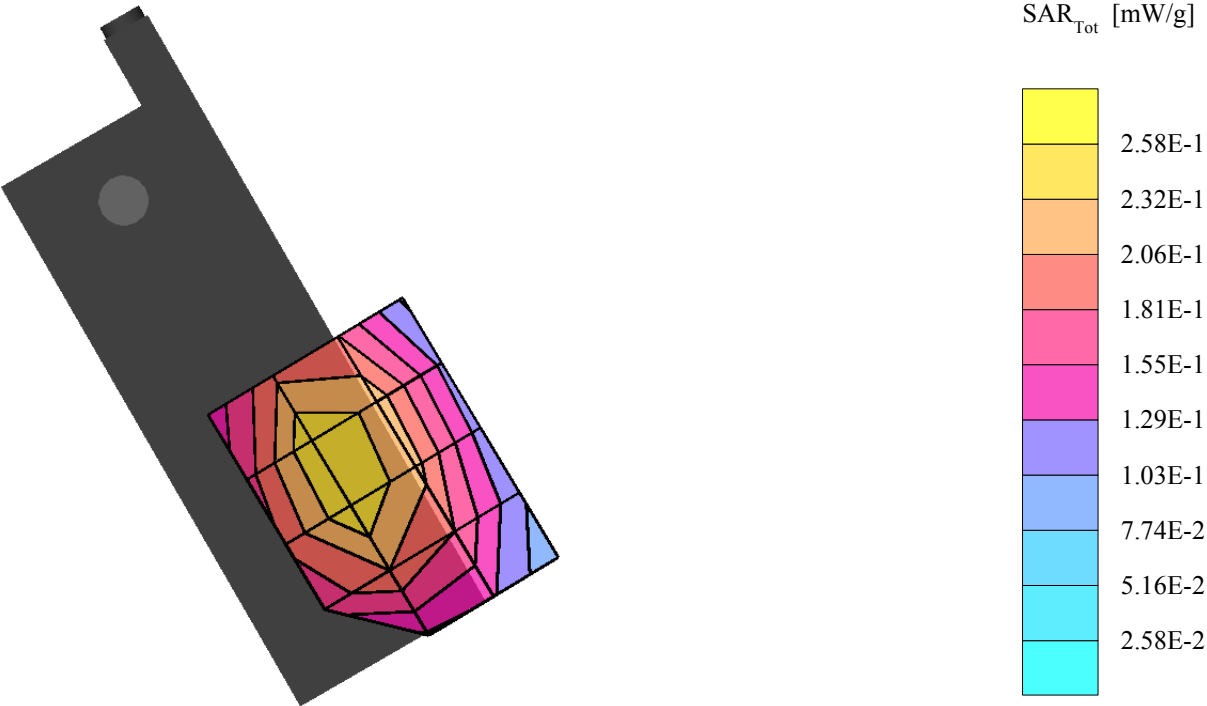
Opal 1X

Opal 1X, FCC #R9LW, FM ch799 Right Cheek, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.25 mW/g, SAR (10g): 0.826 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.06 dB



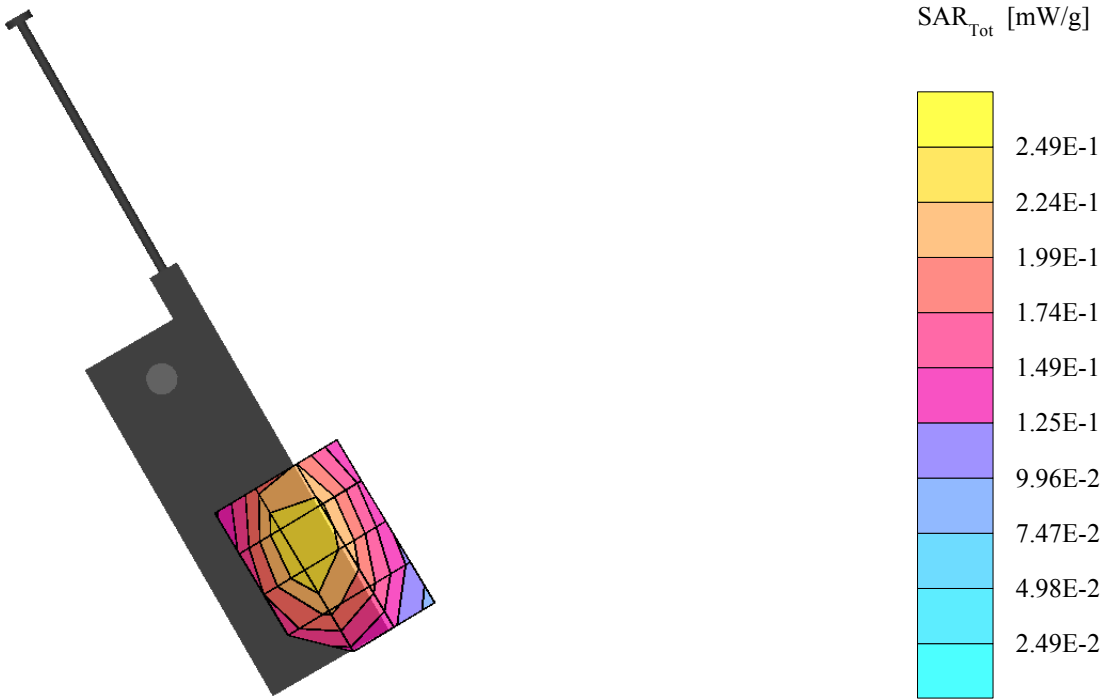
Opal 1X

Opal 1X, FCC #R9LW, FM ch799 Right Tilt, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.257 mW/g, SAR (10g): 0.185 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.03 dB



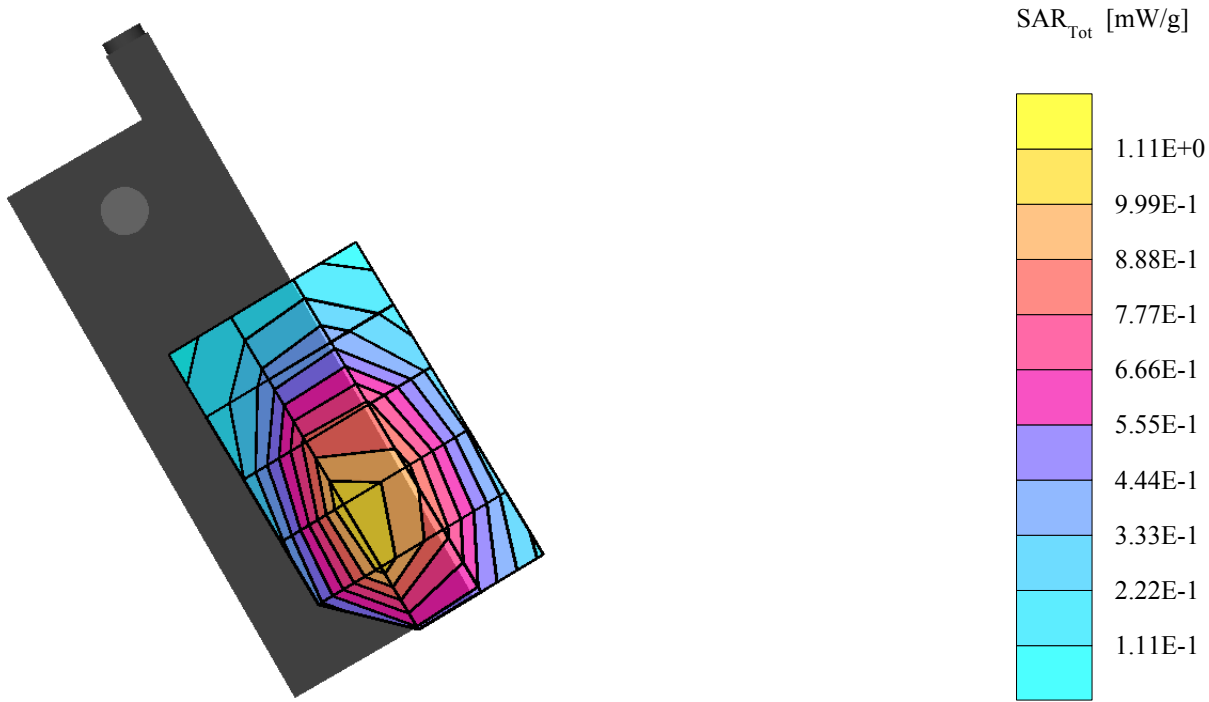
Opal 1X

Opal 1X, FCC #R9LW, FM ch799 Right Tilt, 01-08-03
Temp. 22.2C, Humidity: 36%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.87$ mho/m $\epsilon_r = 41.1$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.253 mW/g, SAR (10g): 0.184 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.05 dB



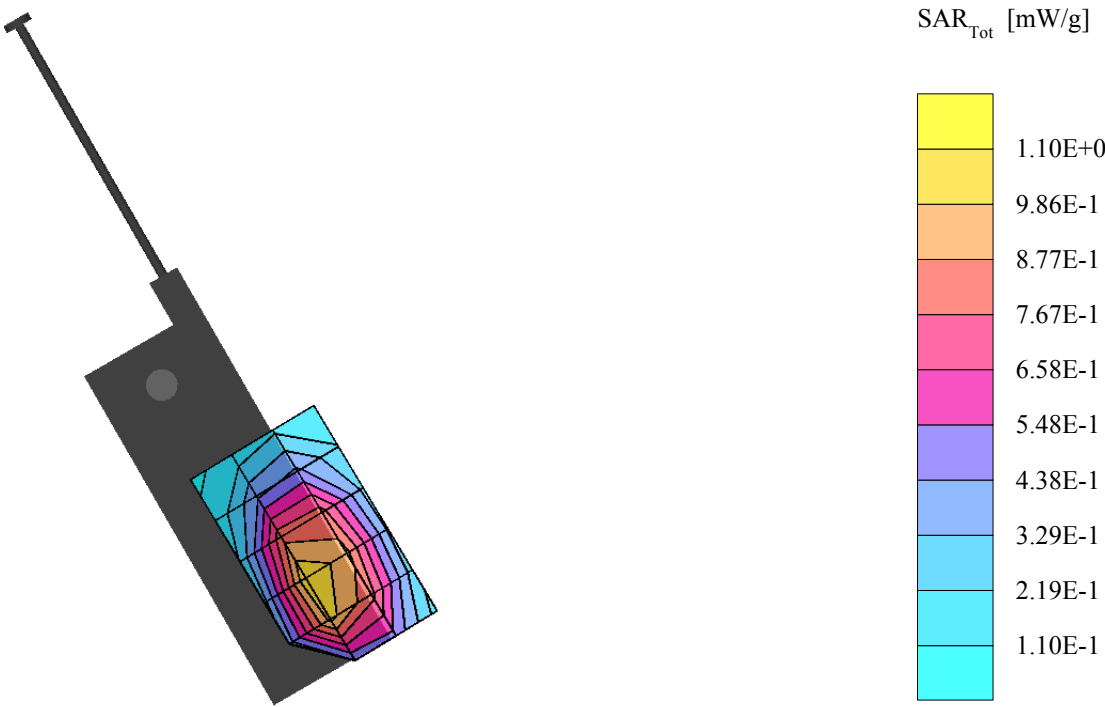
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch1013 Right Cheek, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.13 mW/g, SAR (10g): 0.745 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.00 dB



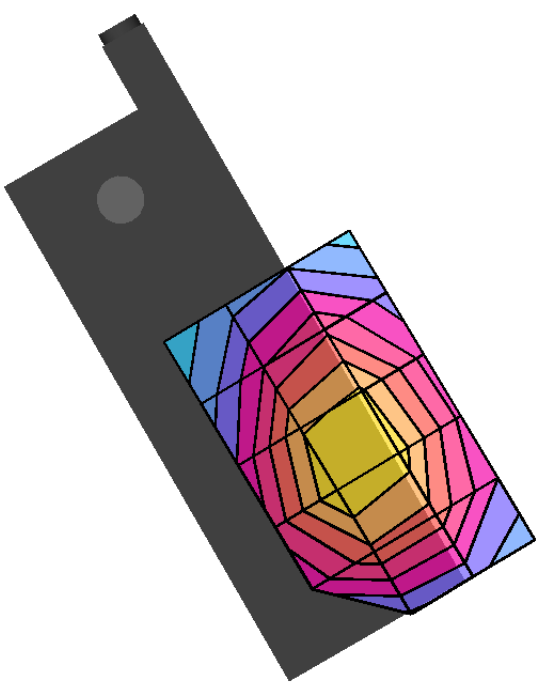
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch1013 Right Cheek, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.12 mW/g, SAR (10g): 0.732 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.02 dB

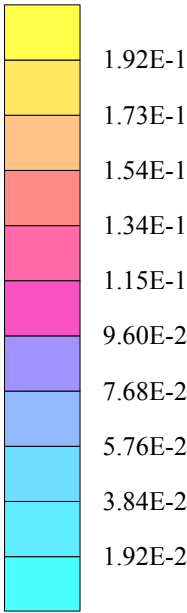


Opal 1X

Opal 1X, FCC #R9LW, CDMA ch1013, Right Tilt, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86 \text{ mho/m}$ $\epsilon_r = 41.3$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.194 mW/g, SAR (10g): 0.140 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.13 dB

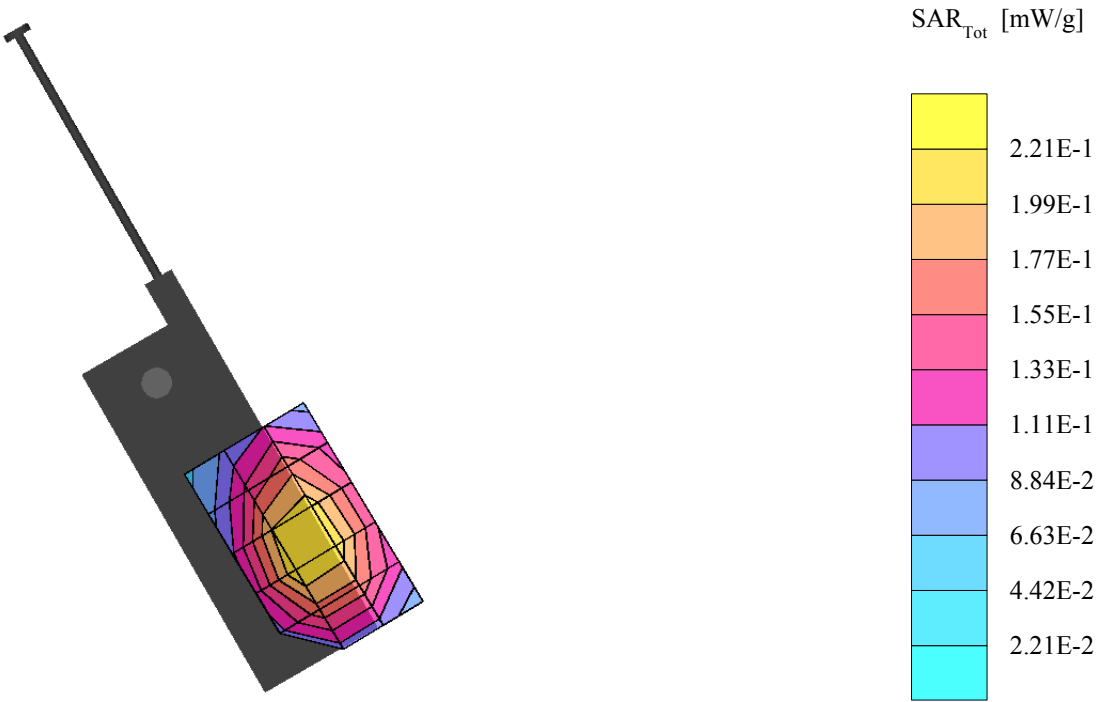


SAR_{Tot} [mW/g]



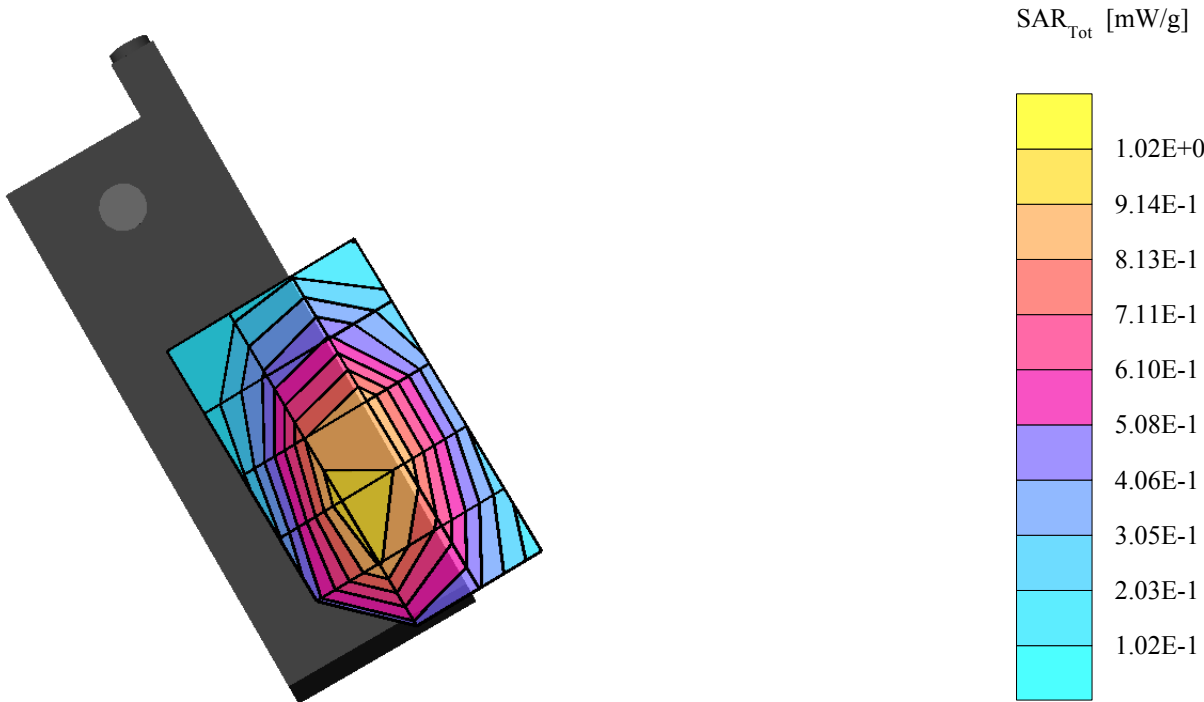
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch1013, Right Tilt, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.193 mW/g, SAR (10g): 0.142 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.00 dB



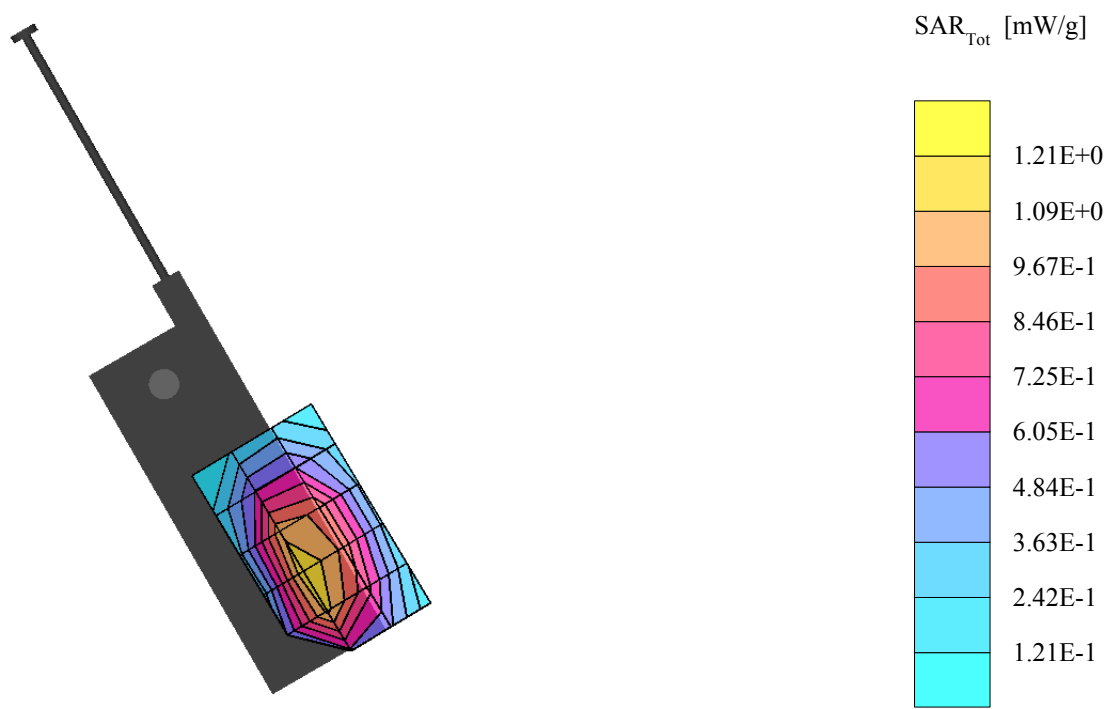
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch383, Right Cheek, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (79°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.10 mW/g, SAR (10g): 0.698 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.04 dB



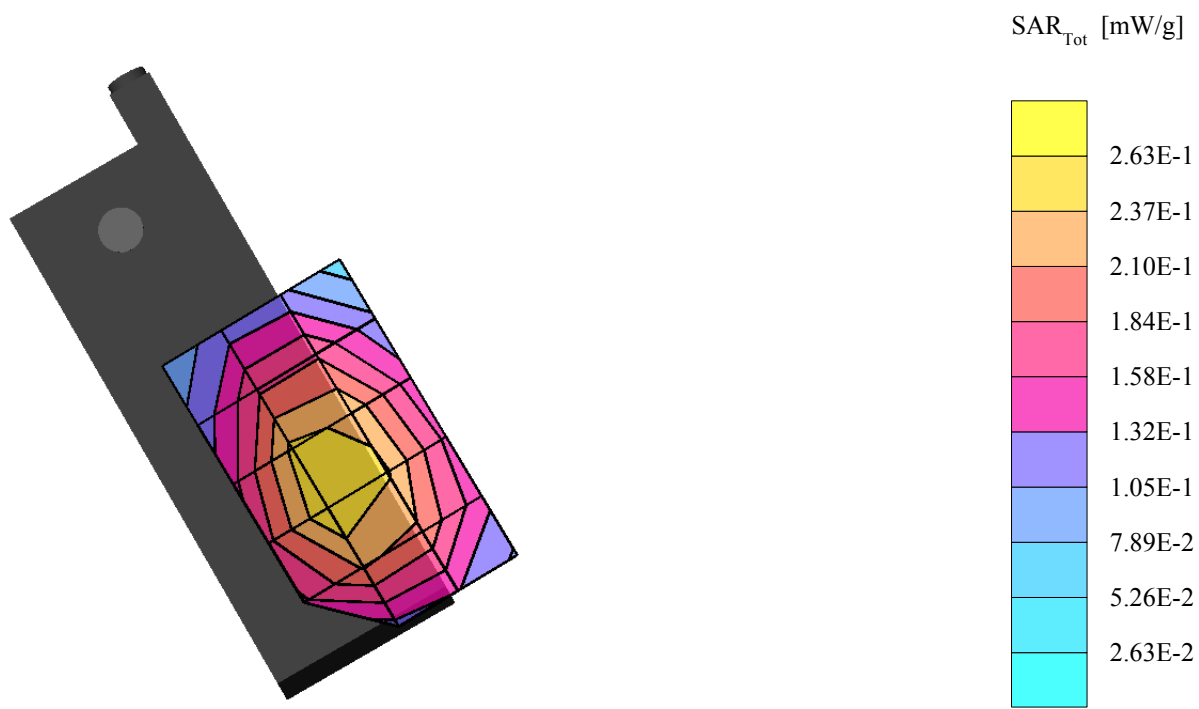
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch383, Right Cheek, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.21 mW/g, SAR (10g): 0.778 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.11 dB



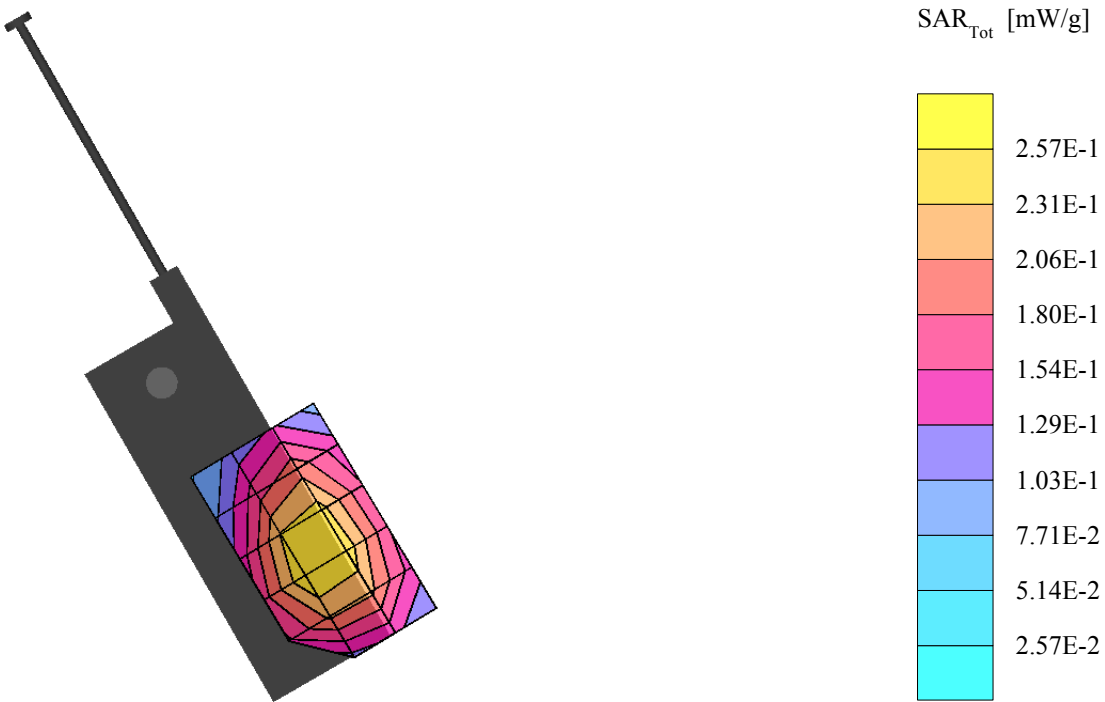
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch383, Right Tilt, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (79°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.265 mW/g, SAR (10g): 0.193 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.21 dB



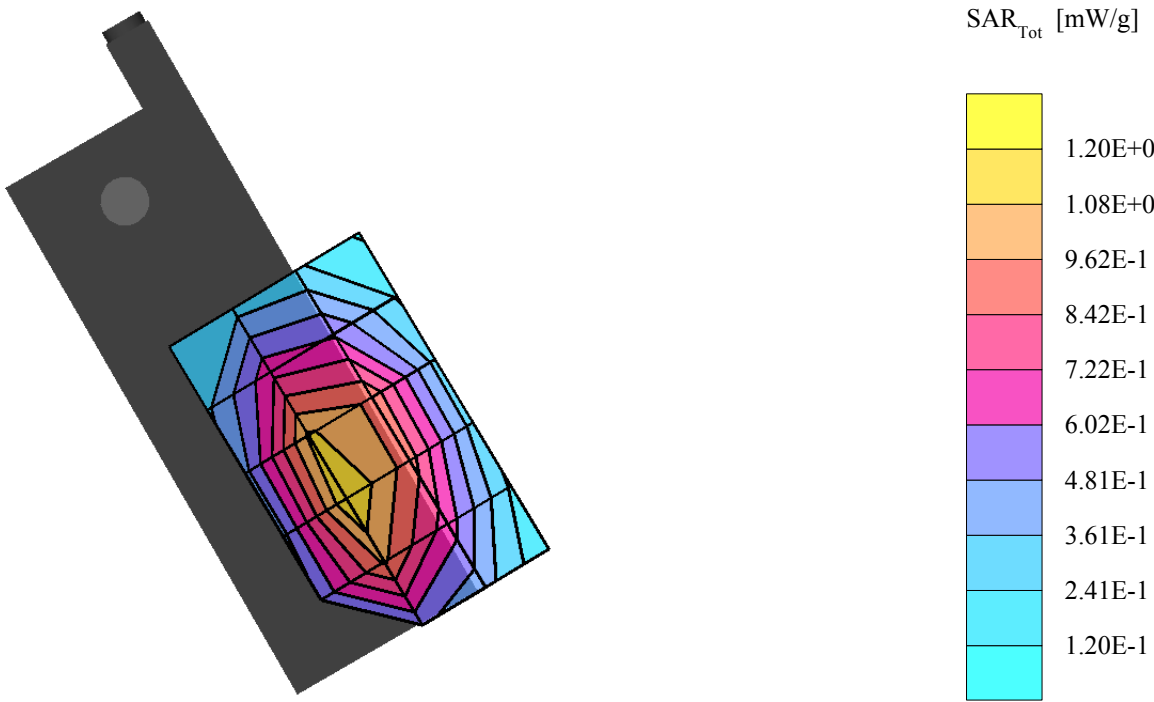
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch383, Right Tilt, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86 \text{ mho/m}$ $\epsilon_r = 41.3$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.249 mW/g, SAR (10g): 0.185 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.19 dB



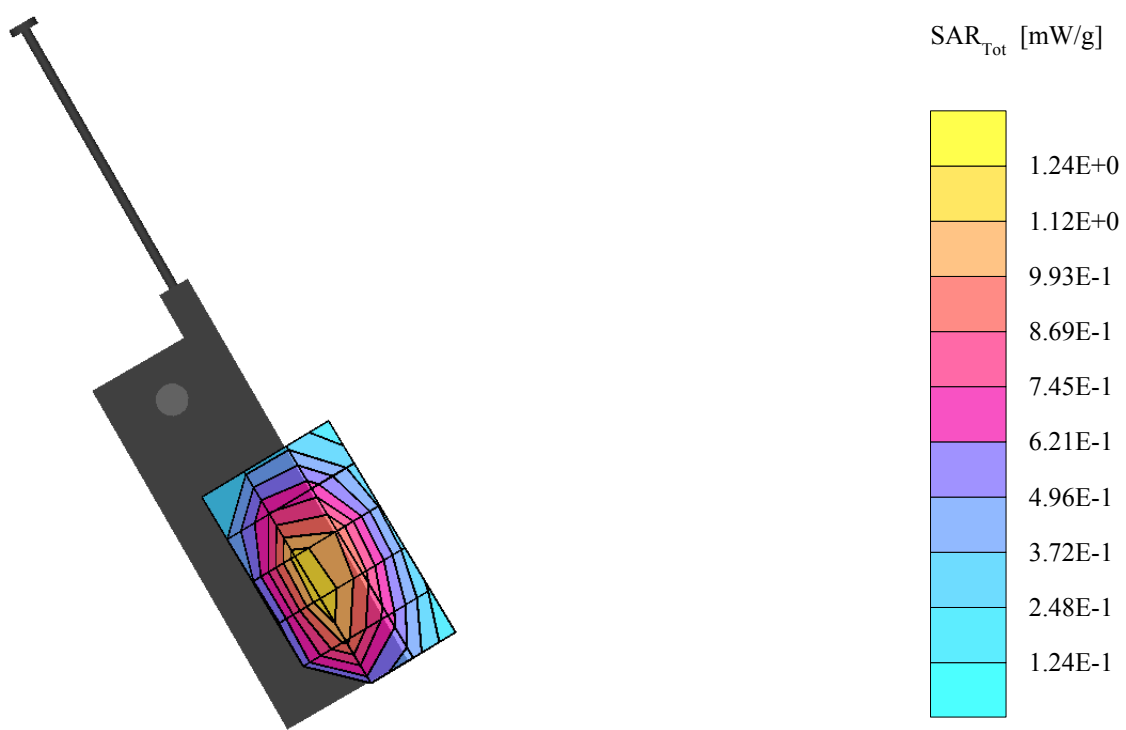
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch777 Right Cheek, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.22 mW/g, SAR (10g): 0.796 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.06 dB



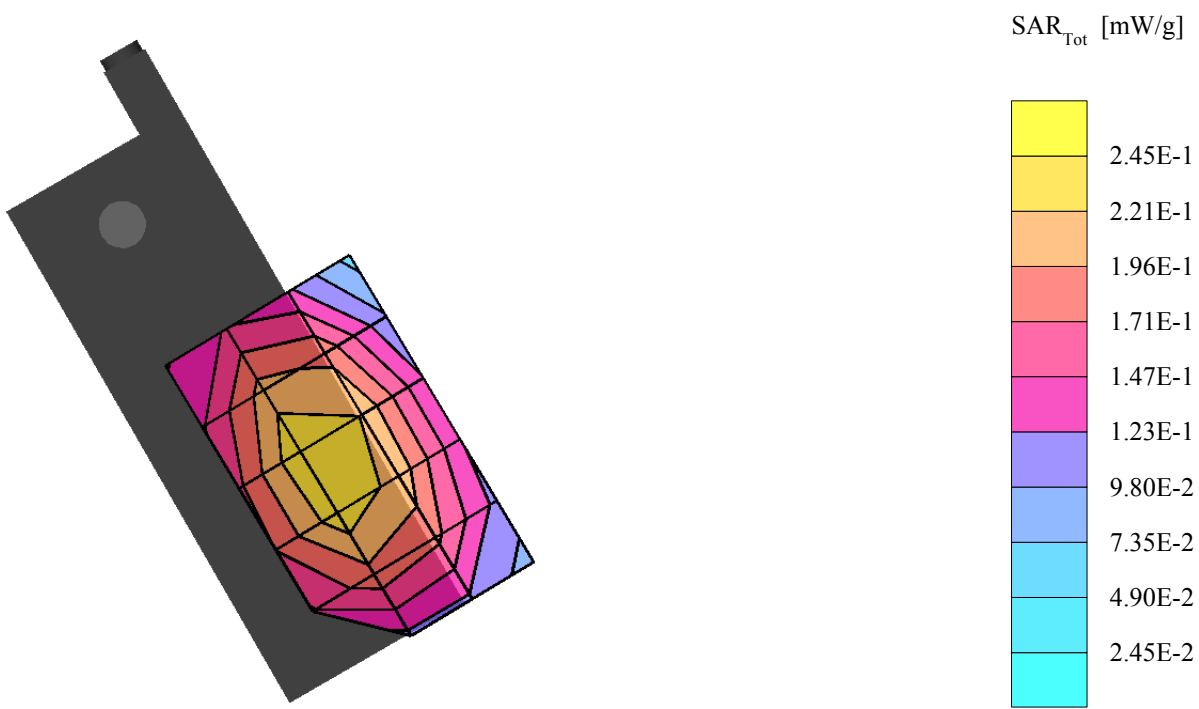
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch777 Right Cheek, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 1.27 mW/g, SAR (10g): 0.828 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.02 dB



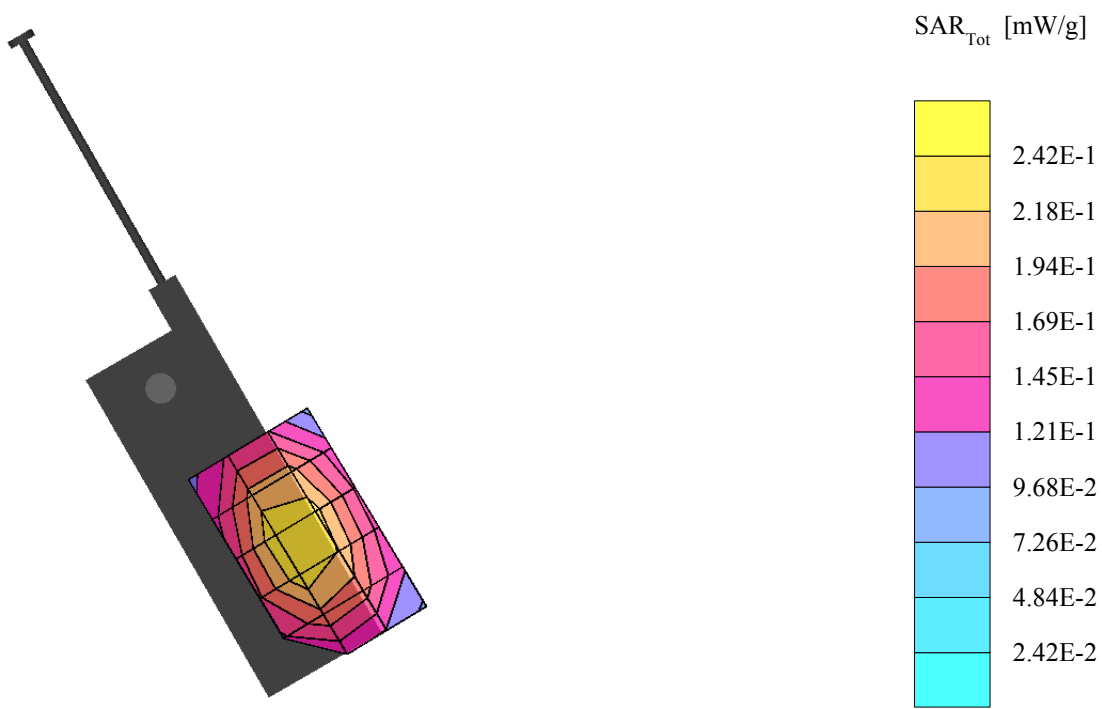
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch777, Right Tilt, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.243 mW/g, SAR (10g): 0.178 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.05 dB



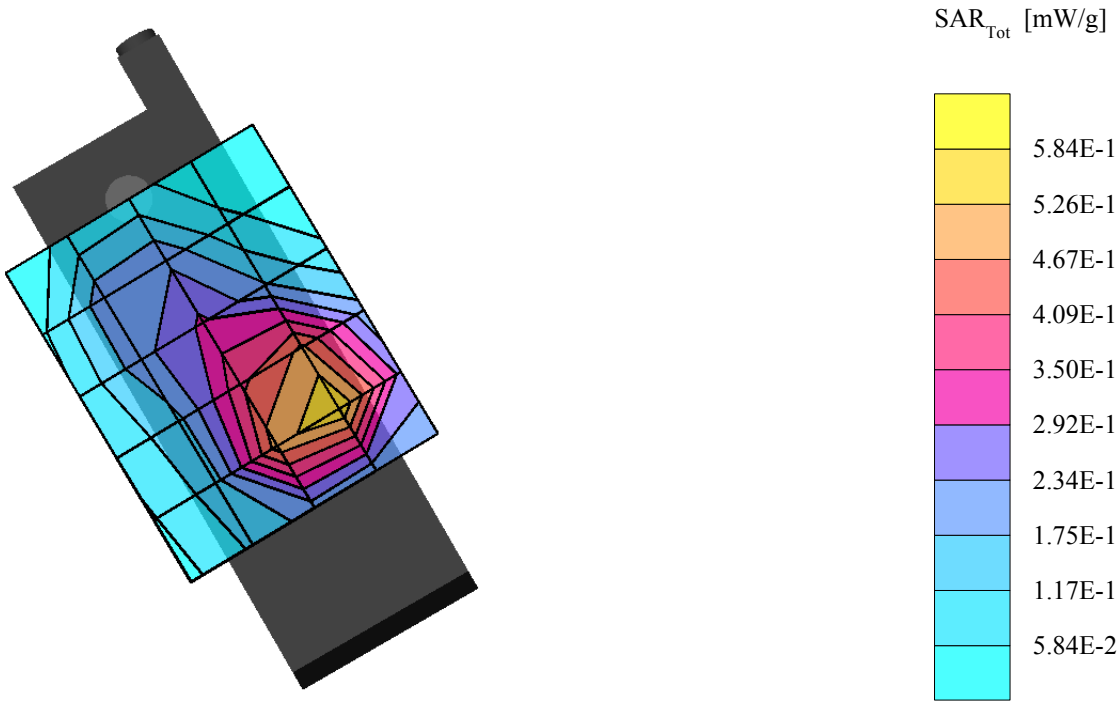
Opal 1X

Opal 1X, FCC #R9LW, CDMA ch777, Right Tilt, 02-03-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (90°,300°); Frequency: 835 MHz
Probe: ET3DV6 - SN1618; ConvF(6.80,6.80,6.80); Crest factor: 1.0; 835 MHz Brain: $\sigma = 0.86$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³
Cube 7x7x7: SAR (1g): 0.242 mW/g, SAR (10g): 0.177 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.16 dB



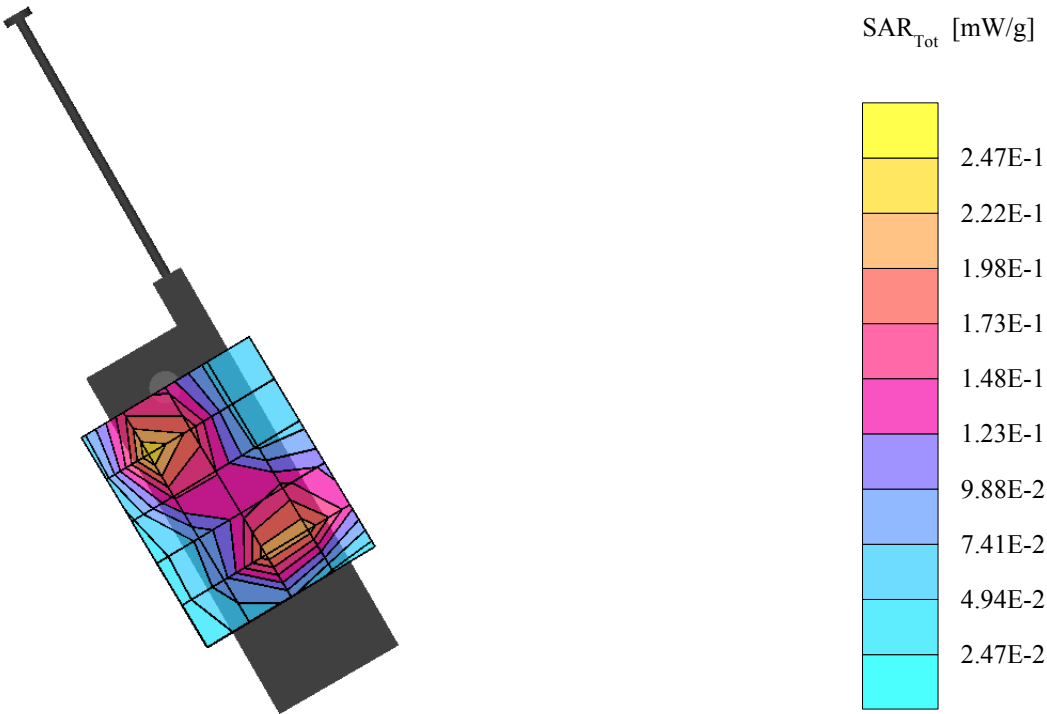
Opal 1X

Opal 1X, FCC #R9LW, PCS ch25, Right Cheek, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (79°,300°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.649 mW/g, SAR (10g): 0.333 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.30 dB



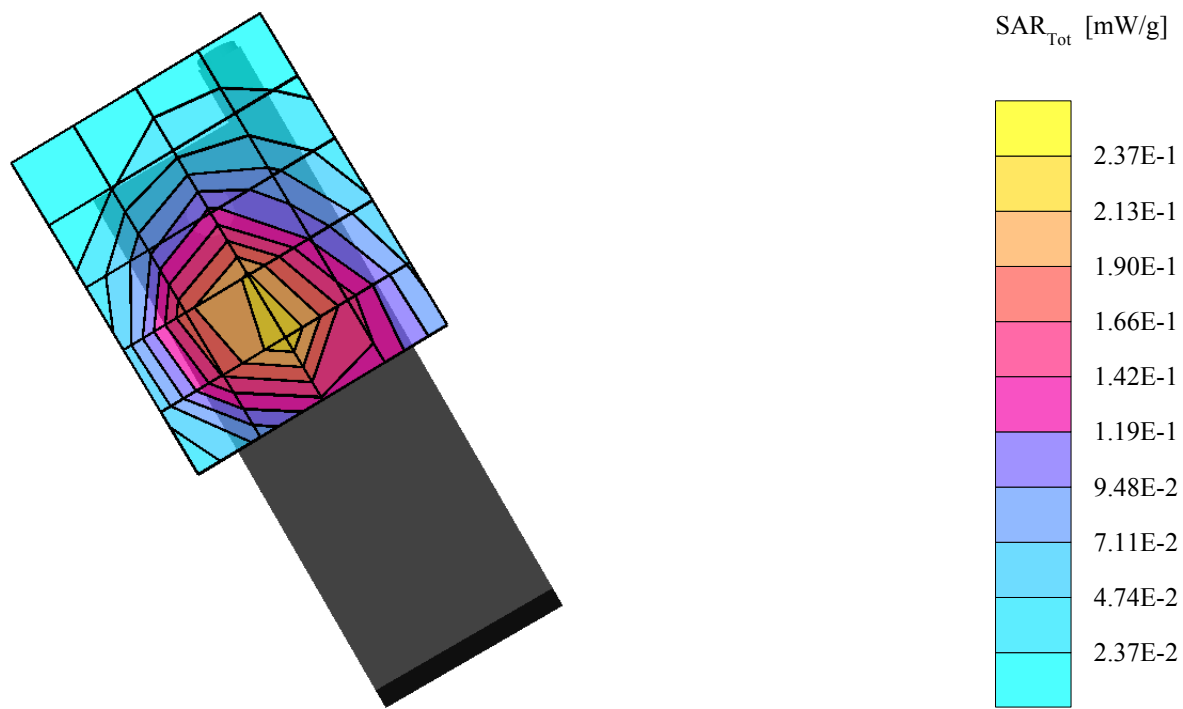
Opal 1X

Opal 1X, FCC #R9LW, PCS ch25, Right Cheek, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.245 mW/g, SAR (10g): 0.140 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.24 dB



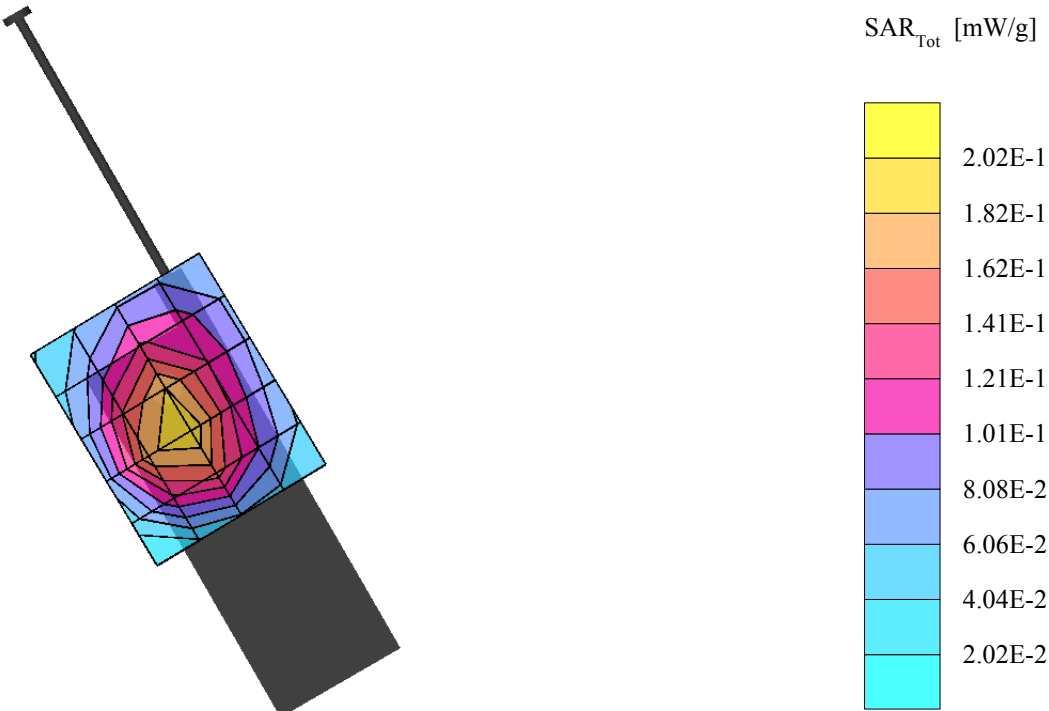
Opal 1X

Opal 1X, FCC #R9LW, PCS ch25, Right Tilt, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right Hand Section; Position: (79°,300°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1618; ConvF(5.30,5.30,5.30); Crest factor: 1.0; 1900 MHz Brain: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.232 mW/g, SAR (10g): 0.140 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.05 dB



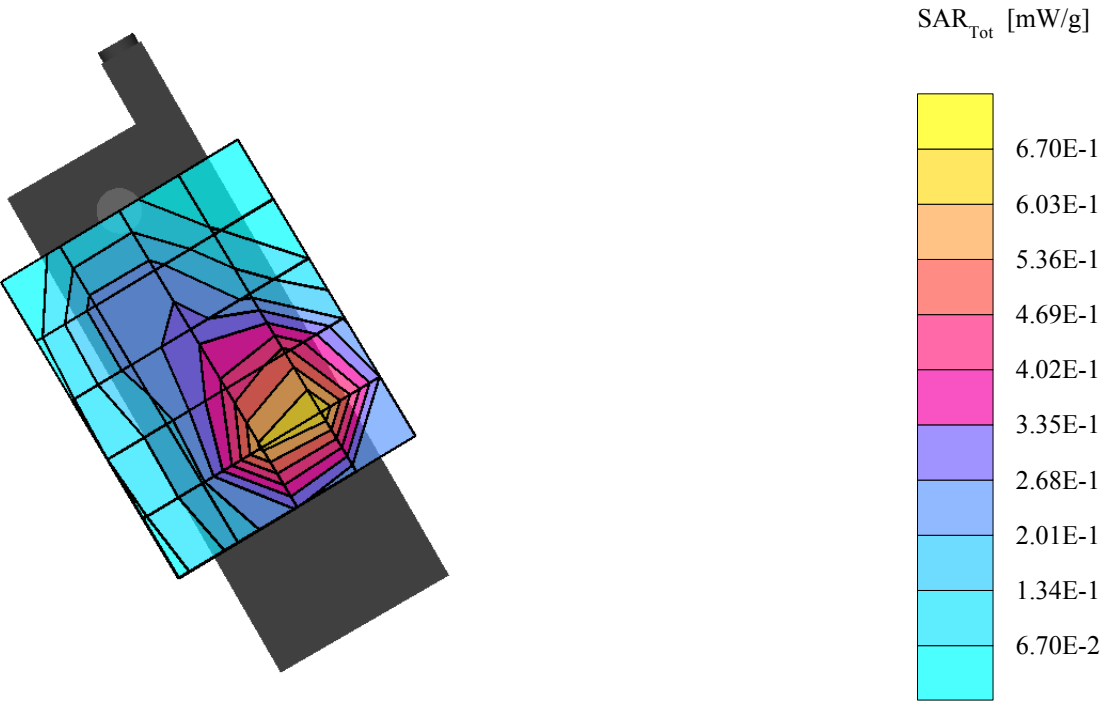
Opal 1X

Opal 1X, FCC #R9LW, PCS ch25, Right Tilt, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.199 mW/g, SAR (10g): 0.122 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.02 dB



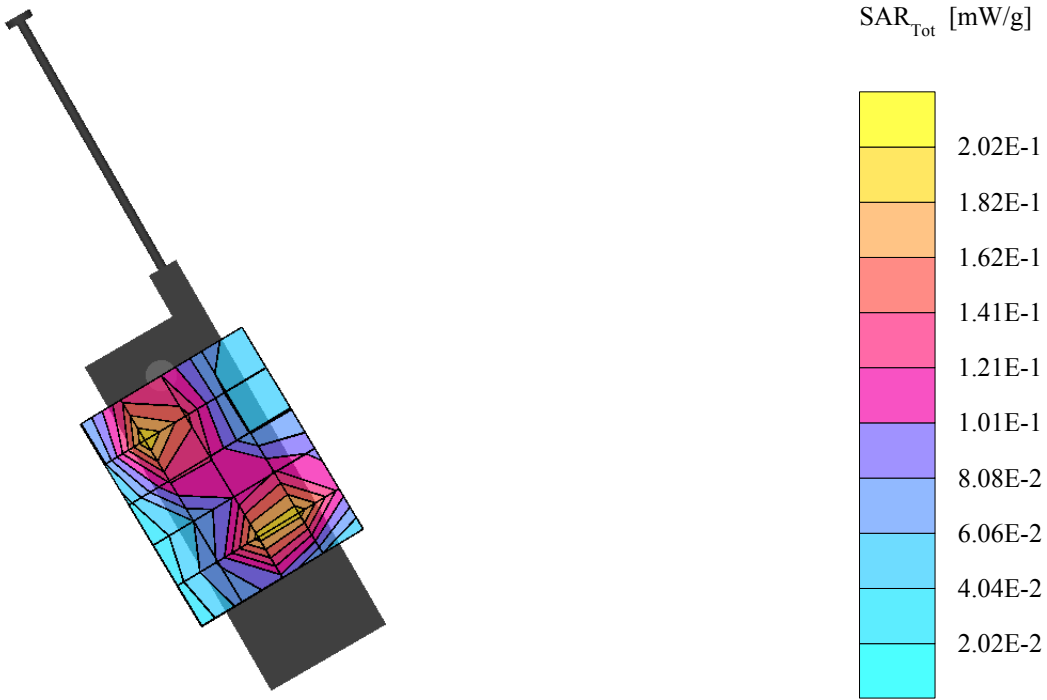
Opal 1X

Opal 1X, FCC #R9LW, PCS ch600, Right Cheek, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.732 mW/g, SAR (10g): 0.377 mW/g * Max outside, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.14 dB



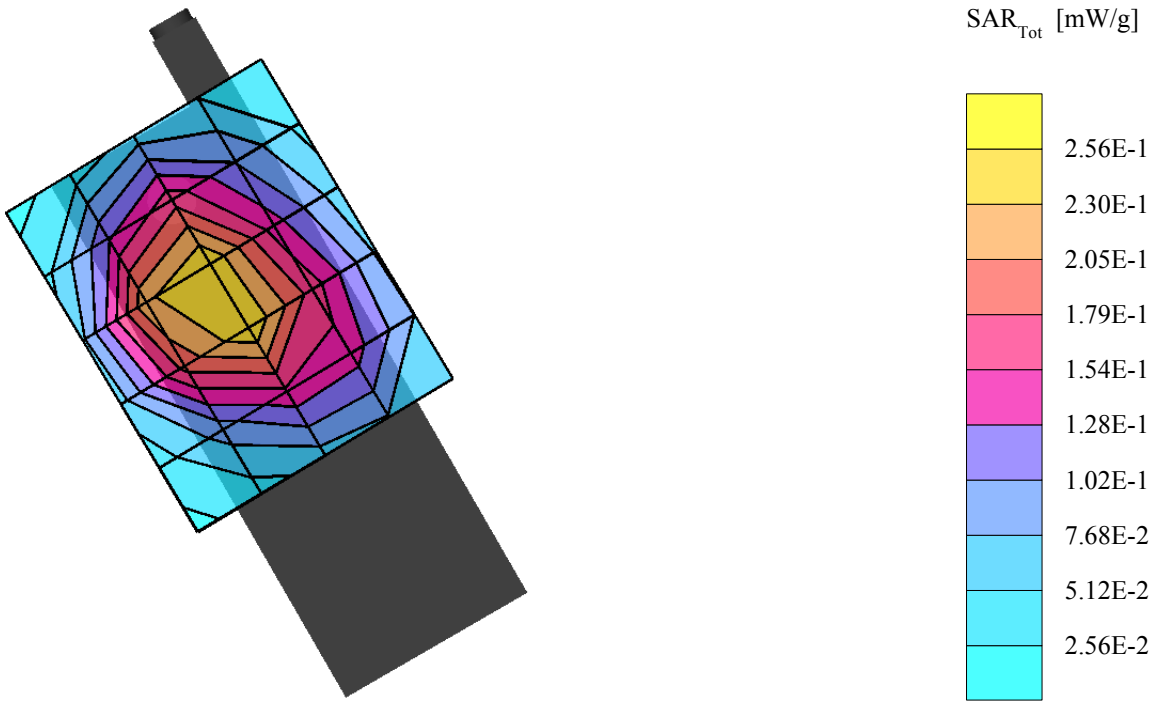
Opal 1X

Opal 1X, FCC #R9LW, PCS ch600, Right Cheek, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.198 mW/g, SAR (10g): 0.106 mW/g * Max outside, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.13 dB



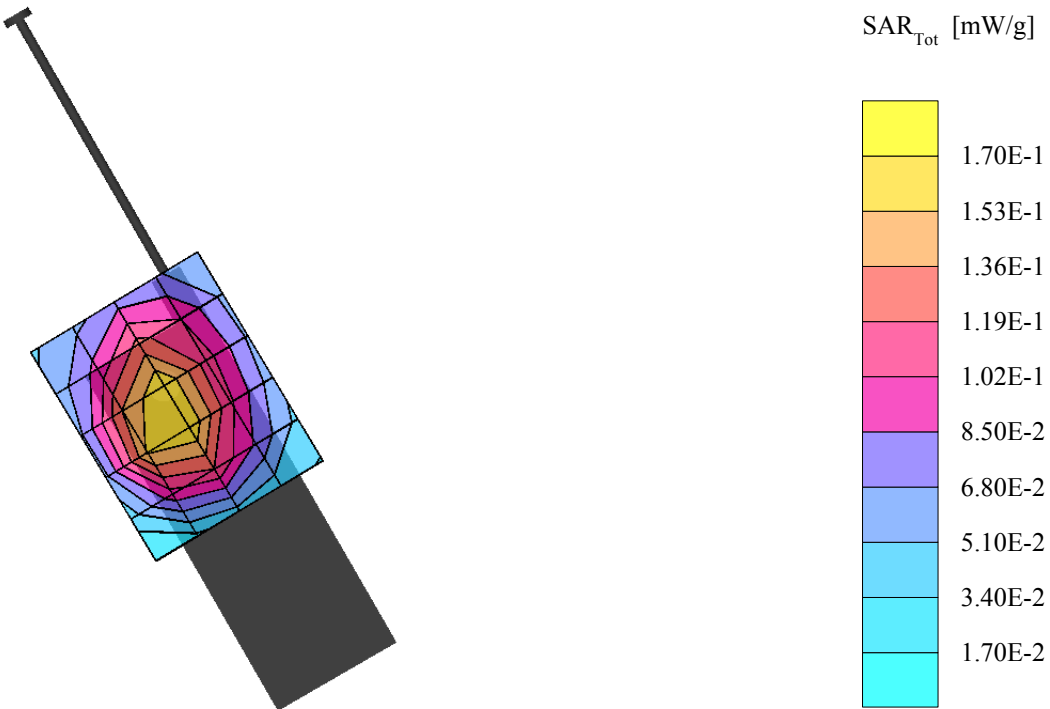
Opal 1X

Opal 1X, FCC #R9LW, PCS ch600, Right Tilt, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.263 mW/g, SAR (10g): 0.159 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.15 dB



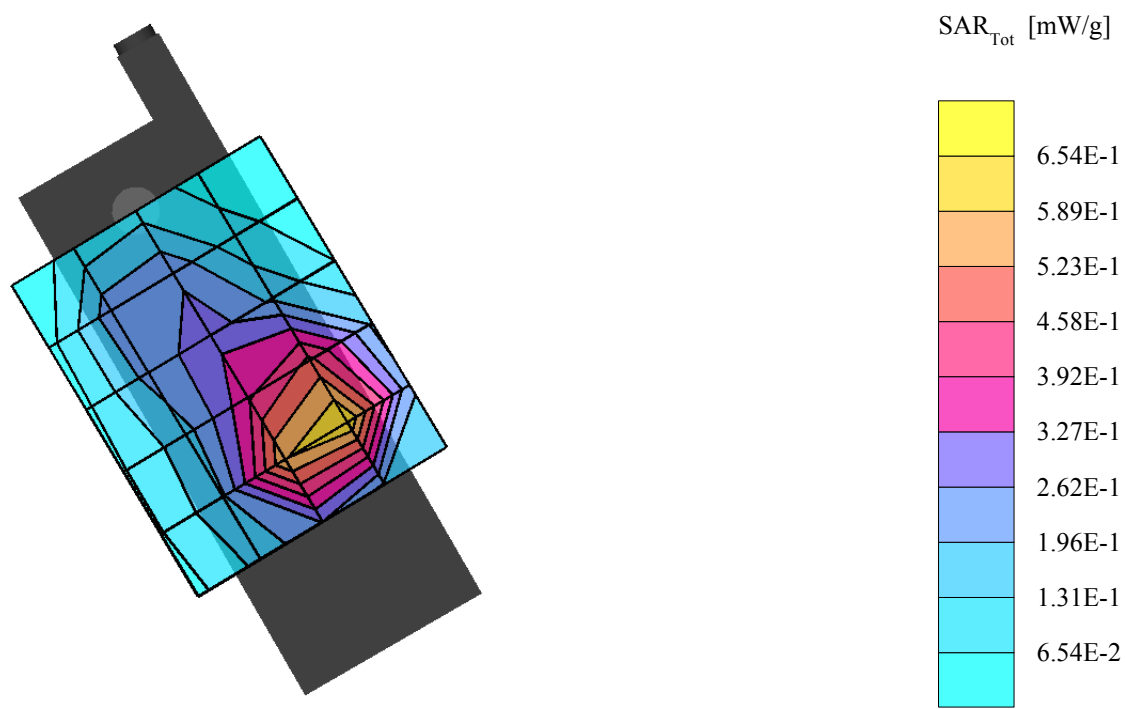
Opal 1X

Opal 1X, FCC #R9LW, PCS ch600, Right Tilt, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.172 mW/g, SAR (10g): 0.105 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.13 dB



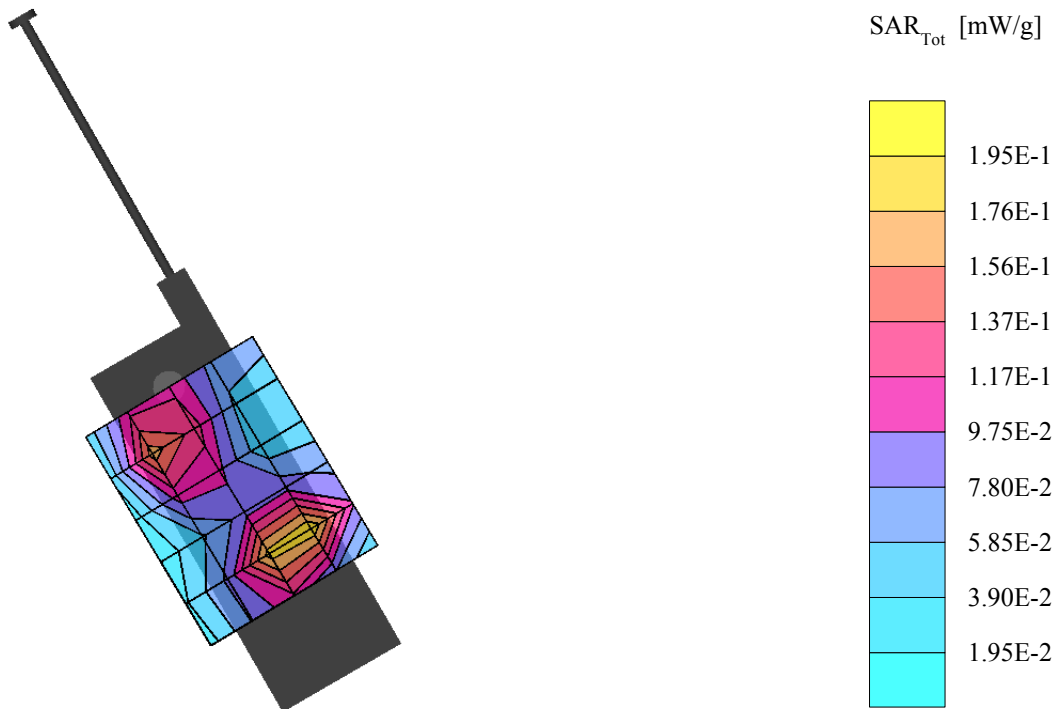
Opal 1X

Opal 1X, FCC #R9LW, PCS ch1175, Right Cheek, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.714 mW/g, SAR (10g): 0.366 mW/g * Max outside, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.14 dB



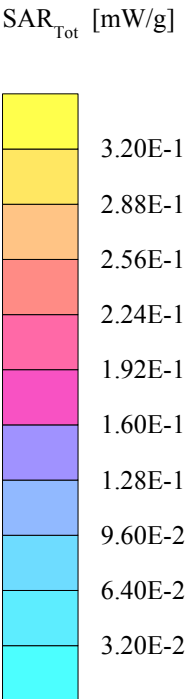
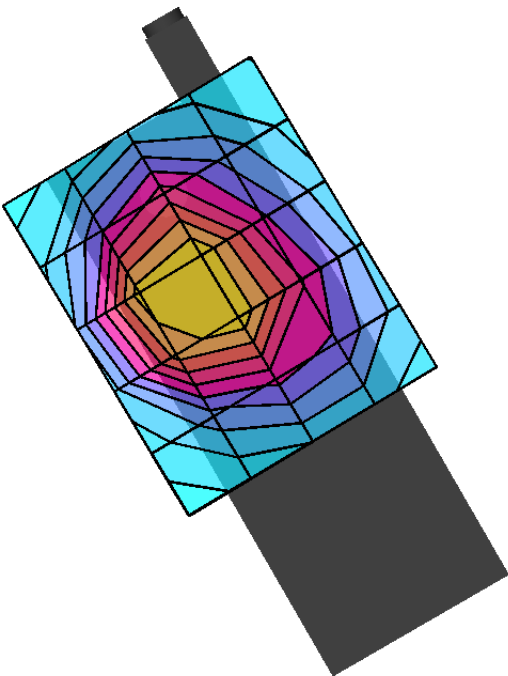
Opal 1X

Opal 1X, FCC #R9LW, PCS ch1175, Right Cheek, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.199 mW/g, SAR (10g): 0.107 mW/g * Max outside, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.27 dB



Opal 1X

Opal 1X, FCC #R9LW, PCS ch1175, Right Tilt, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.352 mW/g, SAR (10g): 0.207 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.00 dB



Opal 1X

Opal 1X, FCC #R9LW, PCS ch1175, Right Tilt, 01-13-03
Temp. 22.2C, Humidity: 39%
SAM Phantom; Right 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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
Cube 7x7x7: SAR (1g): 0.166 mW/g, SAR (10g): 0.102 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.25 dB

