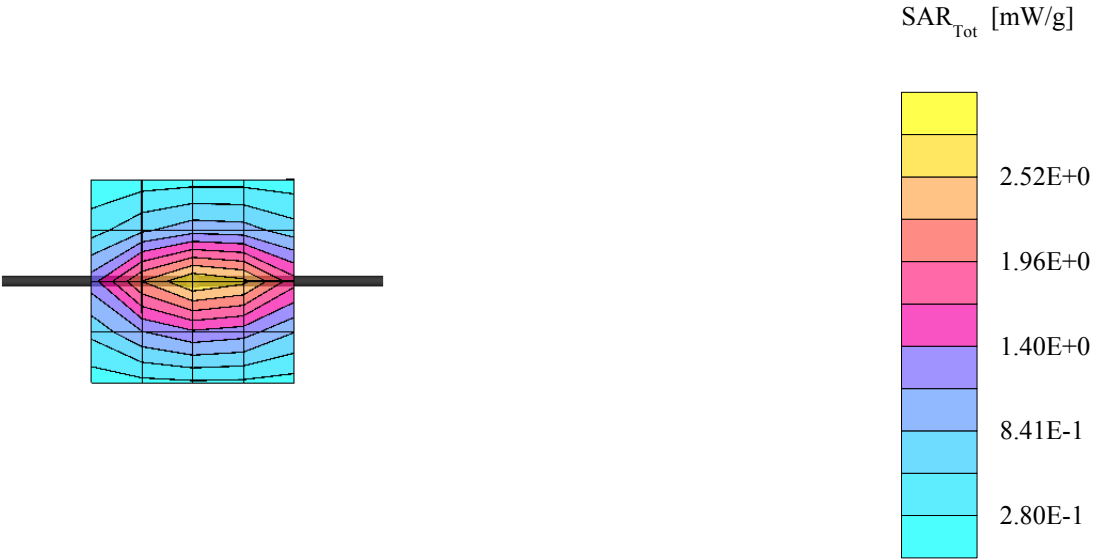


APPENDIX A.

Validation Test Printouts

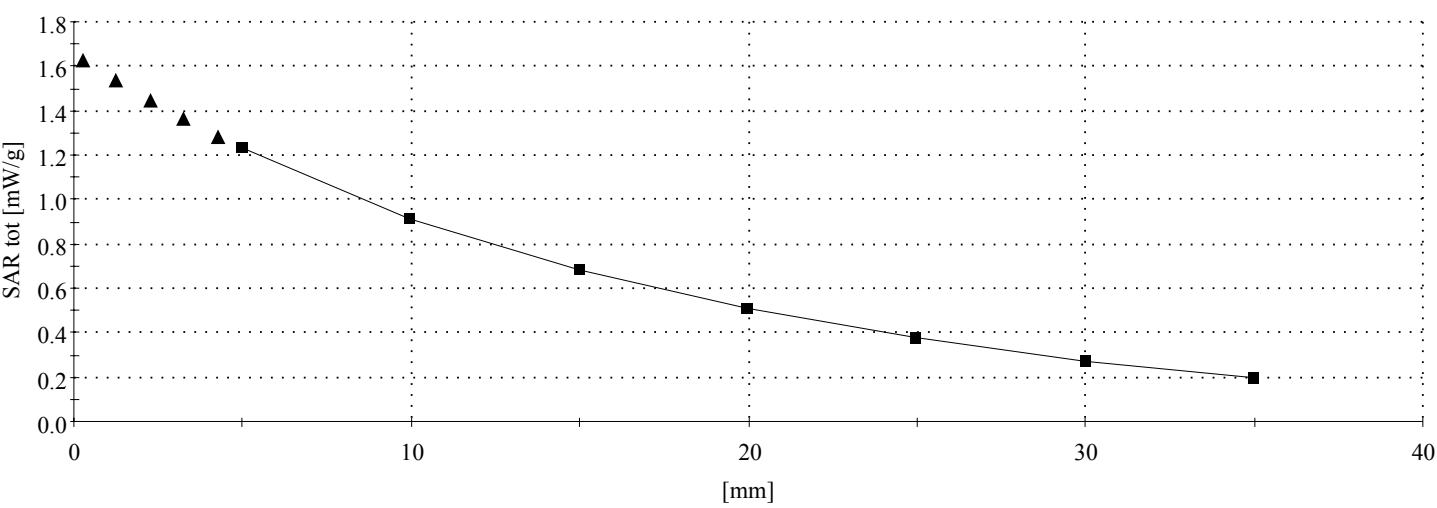
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; 03; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.4$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.81 mW/g ± 0.00 dB, SAR (10g): 1.78 mW/g ± 0.00 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.00 dB



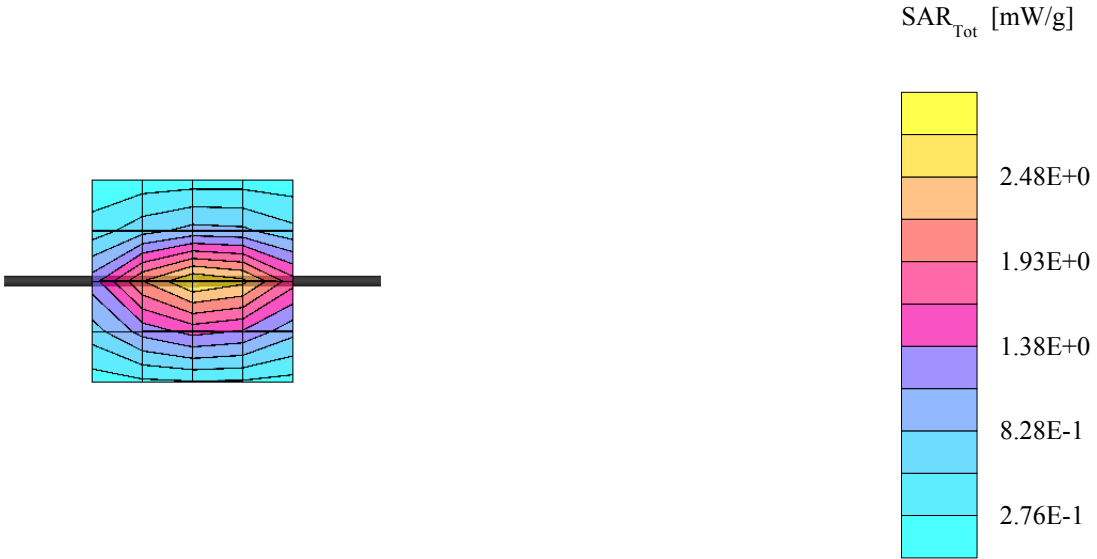
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; 03; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.4$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.81 \text{ mW/g} \pm 0.00 \text{ dB}$, SAR (10g): $1.78 \text{ mW/g} \pm 0.00 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



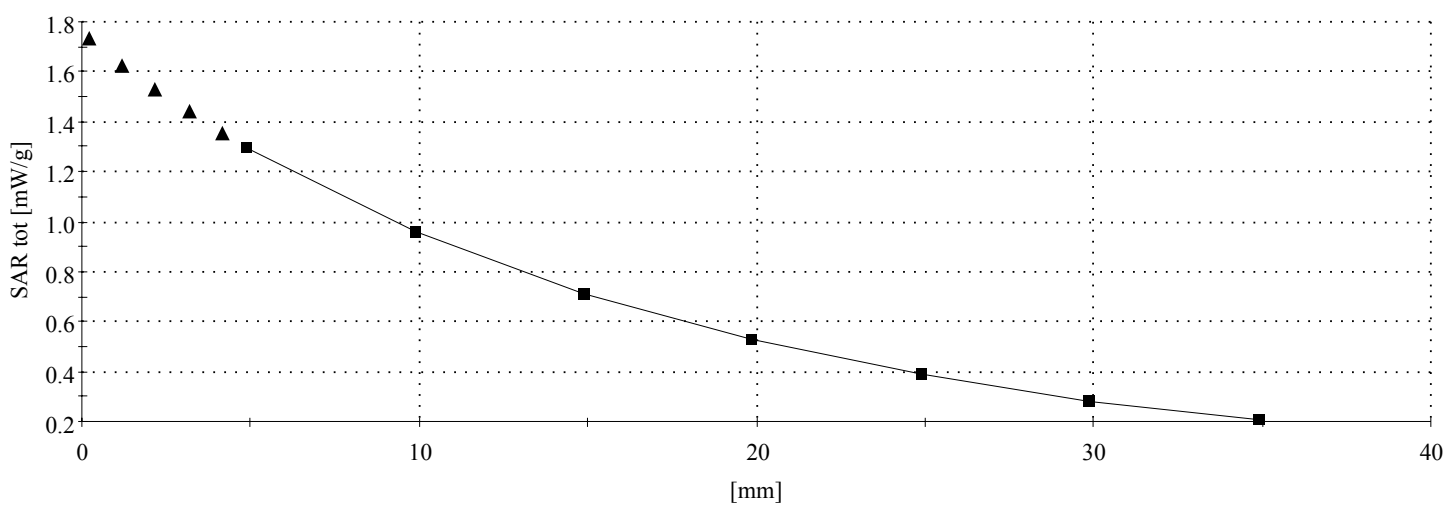
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; 04; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.81 mW/g ± 0.02 dB, SAR (10g): 1.78 mW/g ± 0.02 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.02 dB



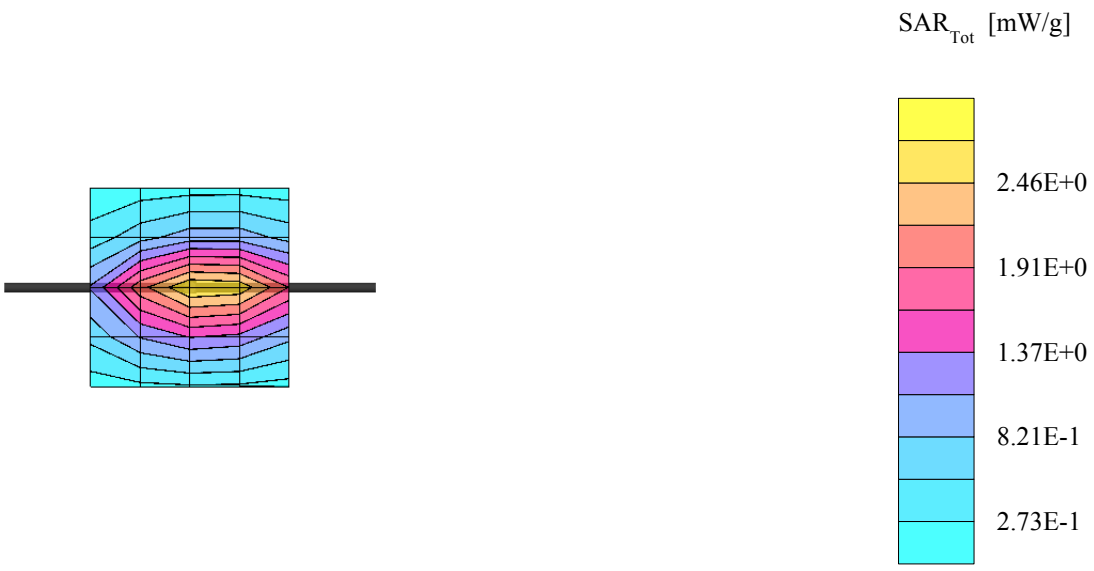
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; 04; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.81 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.78 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



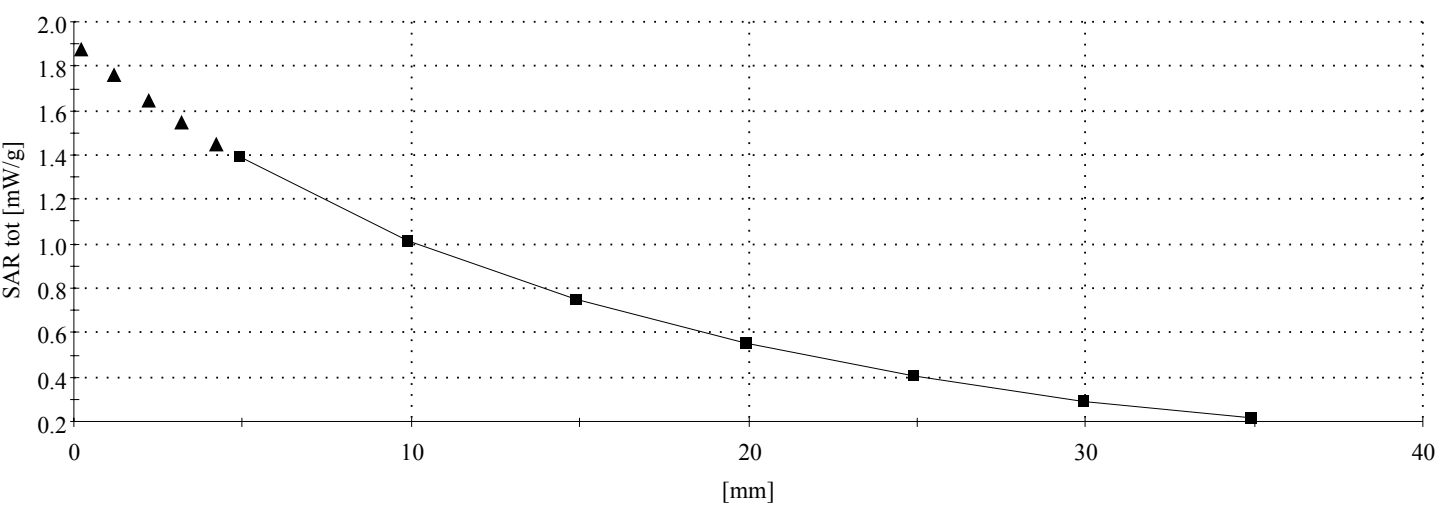
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; 05; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.2$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.80 mW/g ± 0.02 dB, SAR (10g): 1.77 mW/g ± 0.02 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB



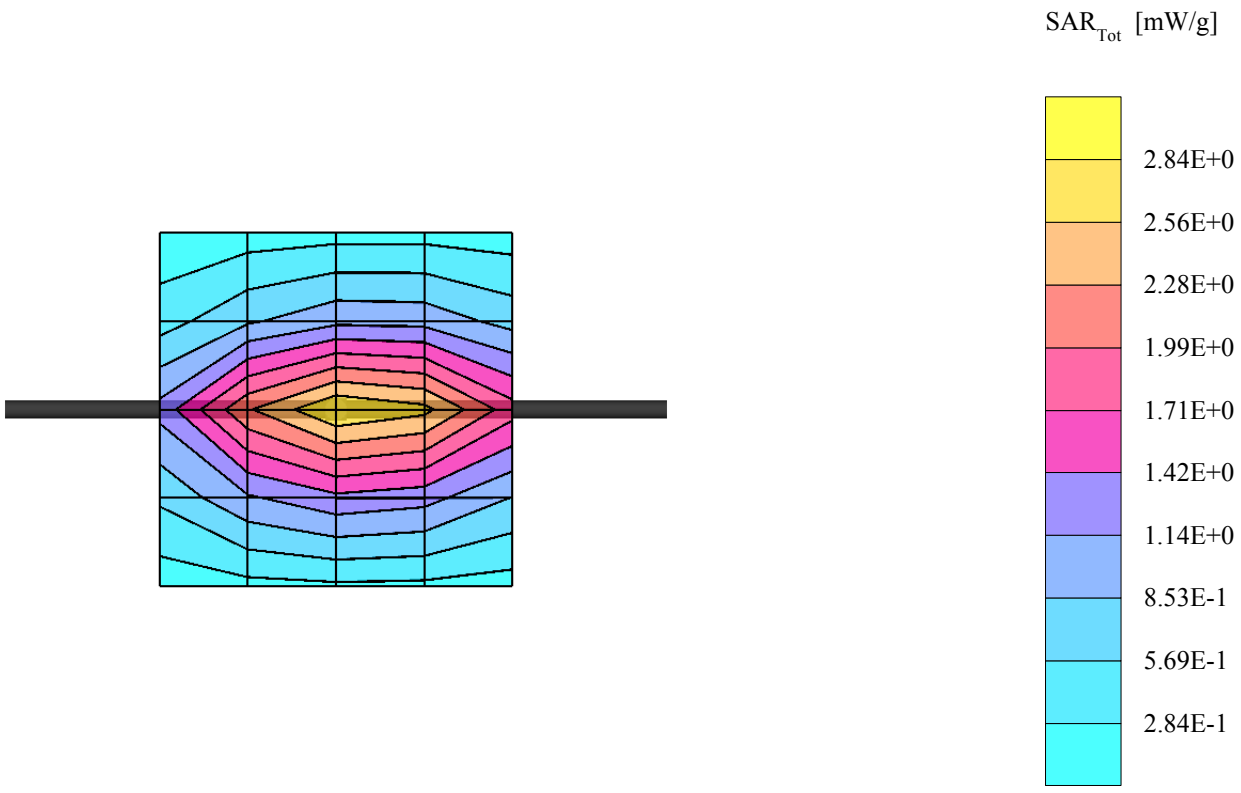
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; 05; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.2$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.80 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.77 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



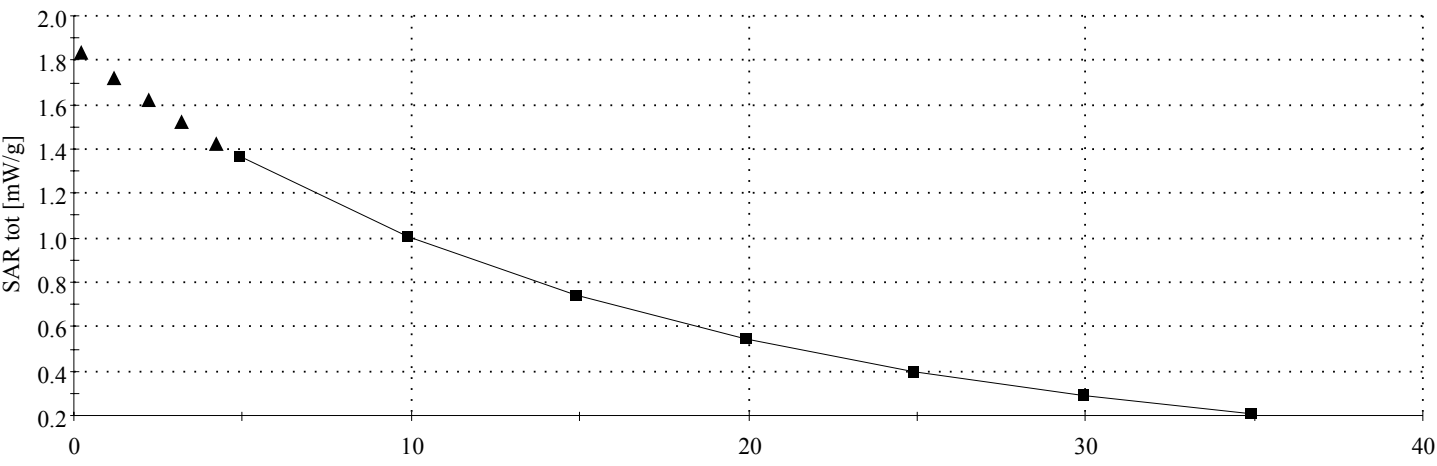
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 07; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 40.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.88 \text{ mW/g} \pm 0.04 \text{ dB}$, SAR (10g): $1.82 \text{ mW/g} \pm 0.04 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.00 dB



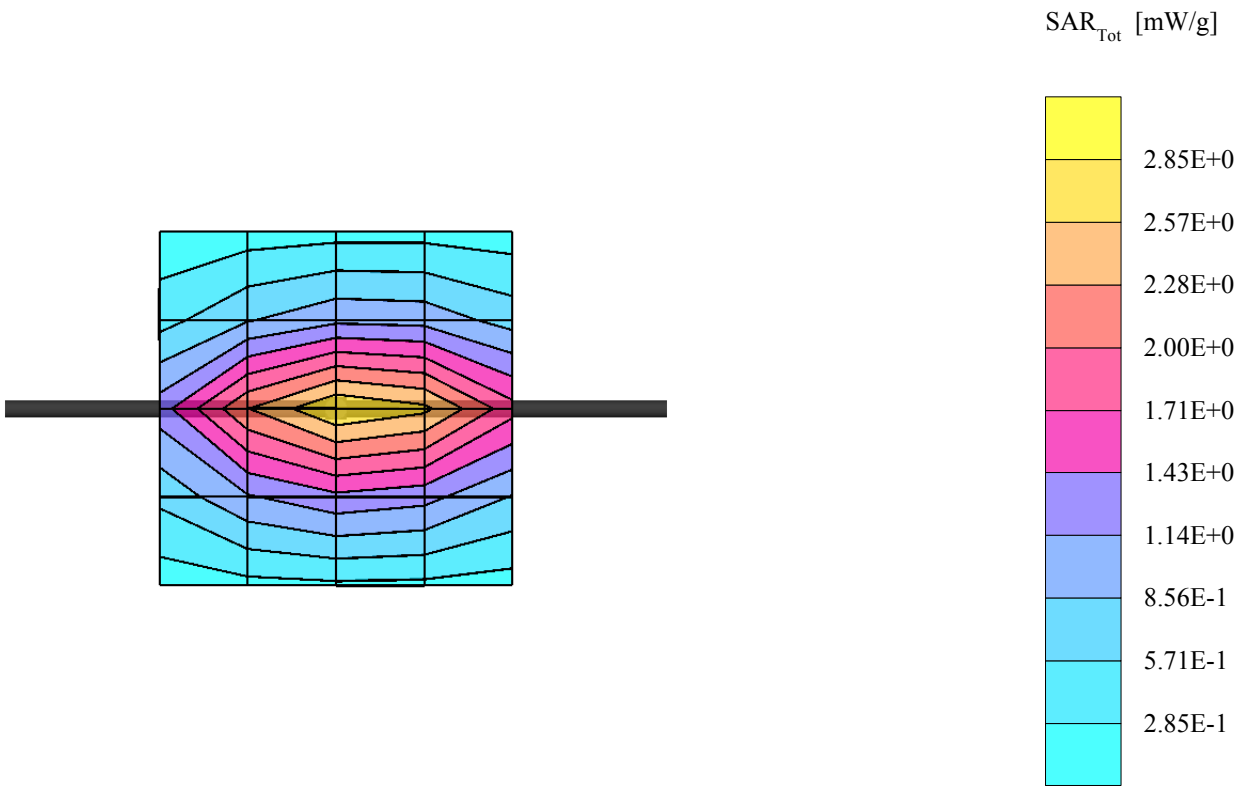
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 07; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 40.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.88 mW/g ± 0.04 dB, SAR (10g): 1.82 mW/g ± 0.04 dB, (Worst-case extrapolation)
Cube 7x7x7: Dx = 5.0, Dy = 5.0, Dz = 5.0



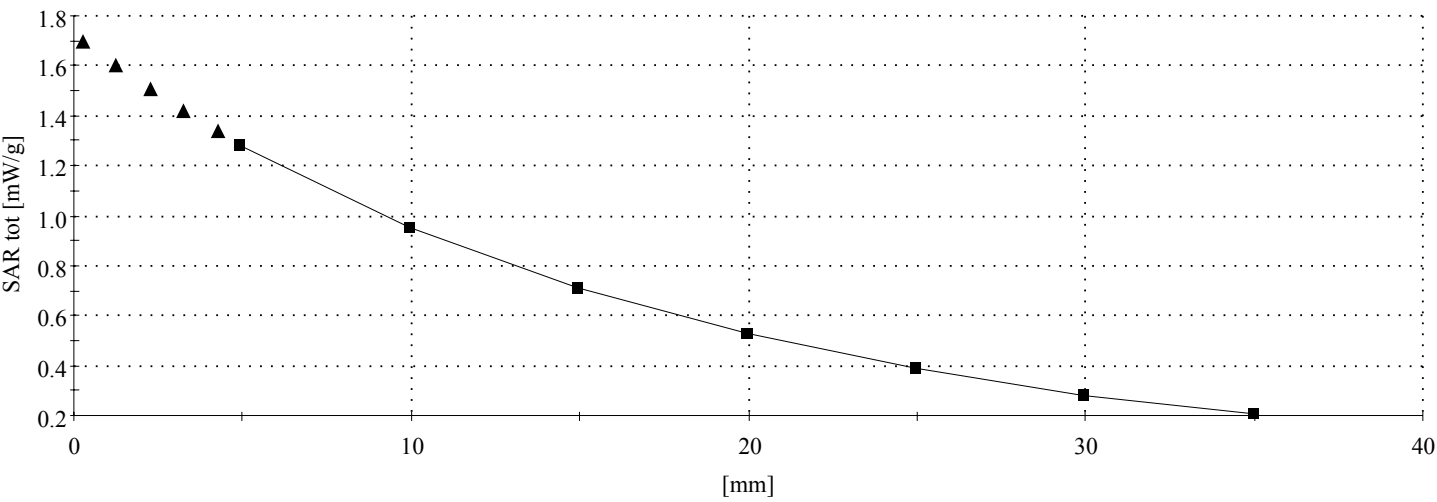
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 08; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 40.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.85 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $1.81 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.03 dB



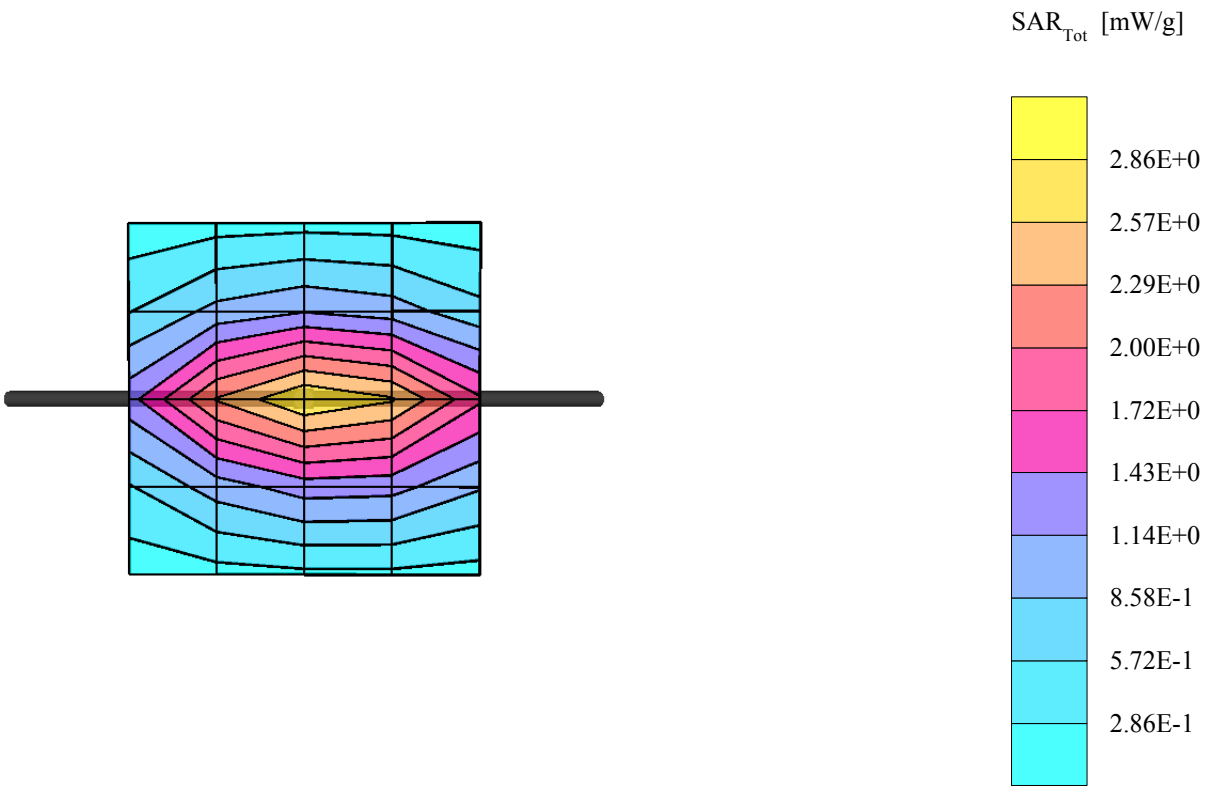
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 08; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 40.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.85 mW/g ± 0.01 dB, SAR (10g): 1.81 mW/g ± 0.01 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



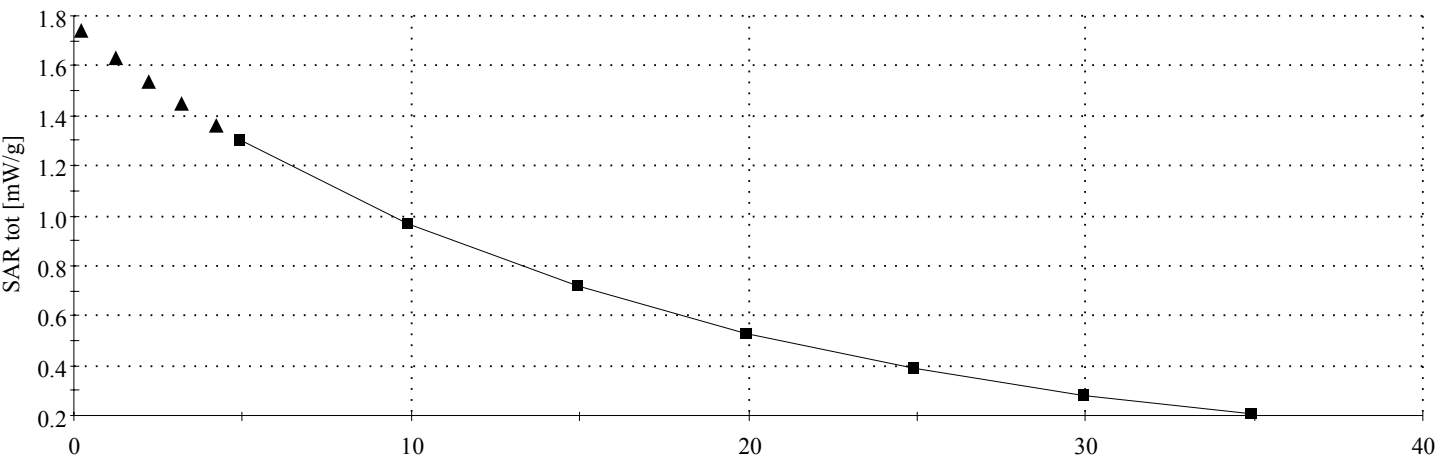
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 09; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 40.2$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.82 mW/g ± 0.00 dB, SAR (10g): 1.79 mW/g ± 0.00 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.04 dB



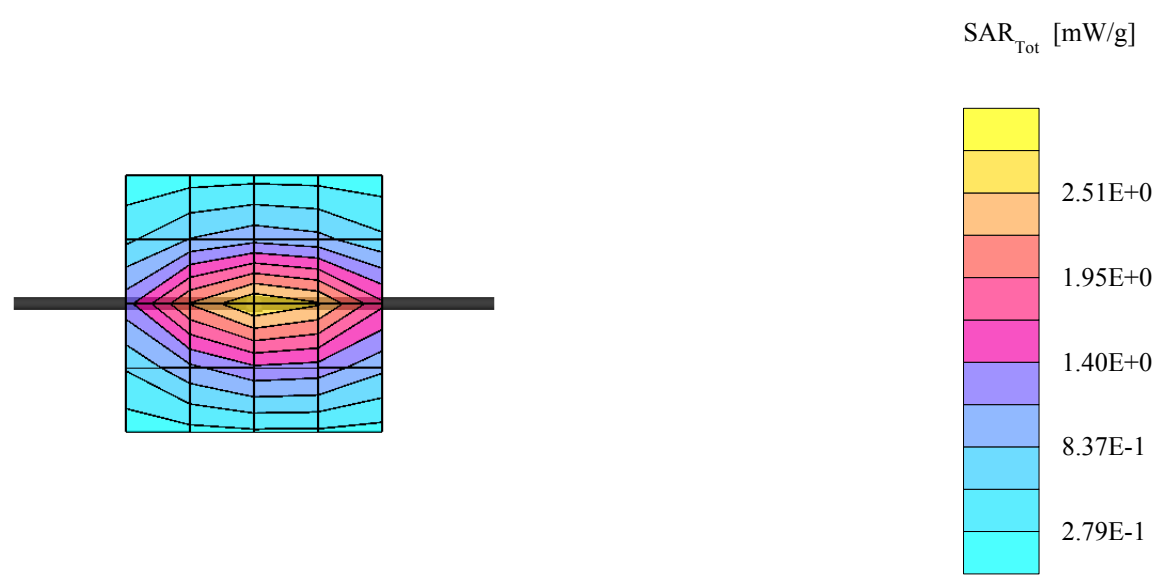
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 09; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.98$ mho/m $\epsilon_r = 41.8$ $\rho = 1.00$ g/cm³
Cubes (2): SAR (1g): 2.86 mW/g ± 0.01 dB, SAR (10g): 1.81 mW/g ± 0.02 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



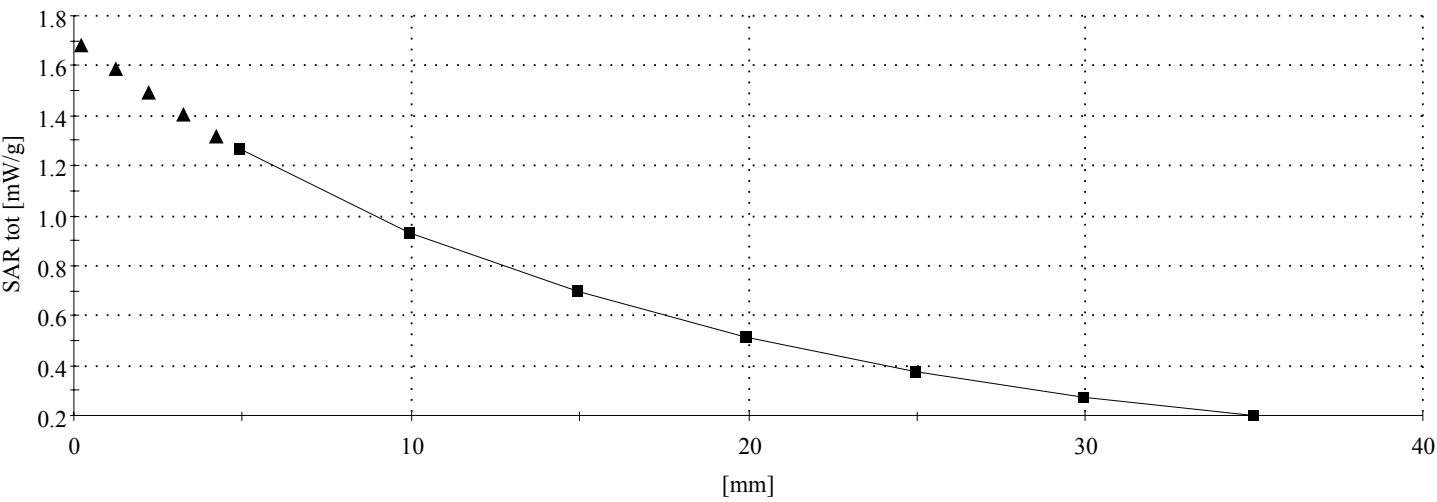
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; 10; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 40.6$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.79 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.76 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.03 dB



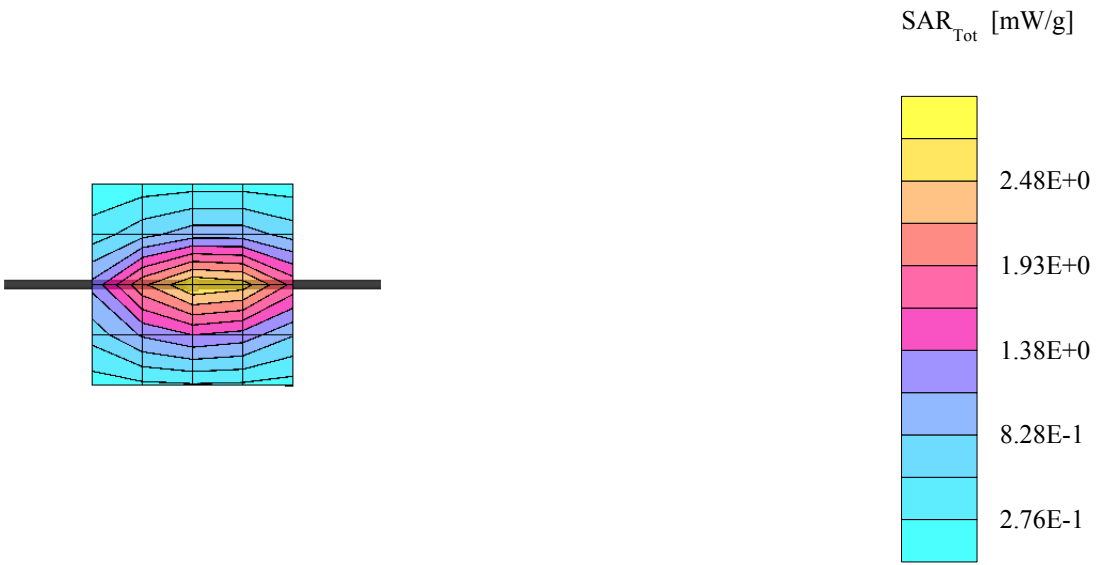
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; 10; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 40.6$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.79 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.76 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 08; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.96 \text{ mho/m}$ $\epsilon_r = 40.7$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.77 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $1.75 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.12 dB



Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: ($90^{\circ}, 59^{\circ}$); horizontal angle until touching head (80° - 90°)

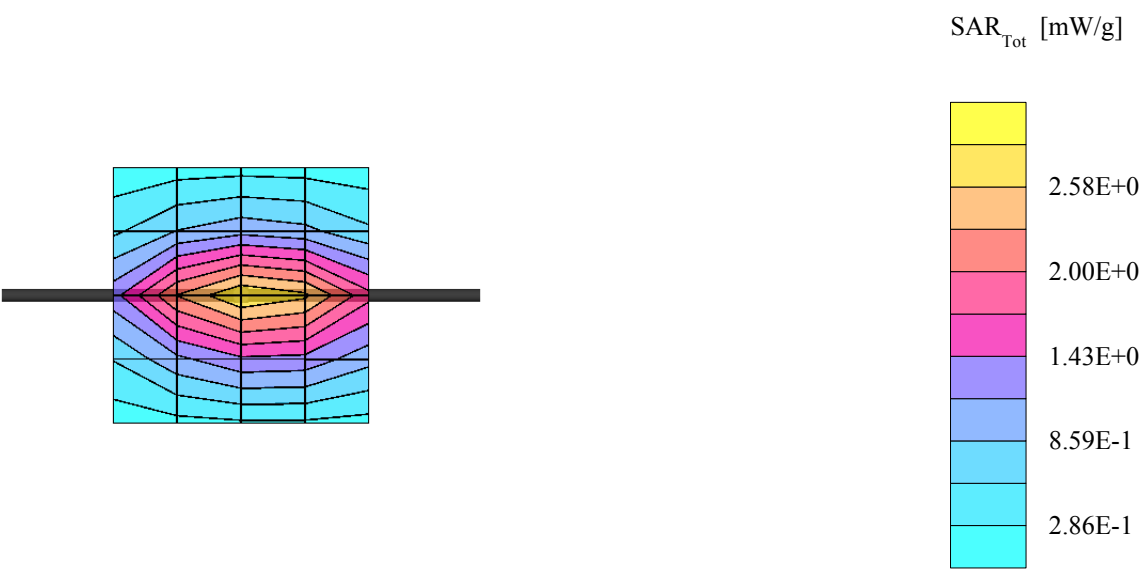
; Head - 08; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.96$ mho/m $\epsilon_r = 40.7$ $\rho = 1.00$ g/cm³

Cubes (2): SAR (1g): 2.77 mW/g ± 0.01 dB, SAR (10g): 1.75 mW/g ± 0.01 dB, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

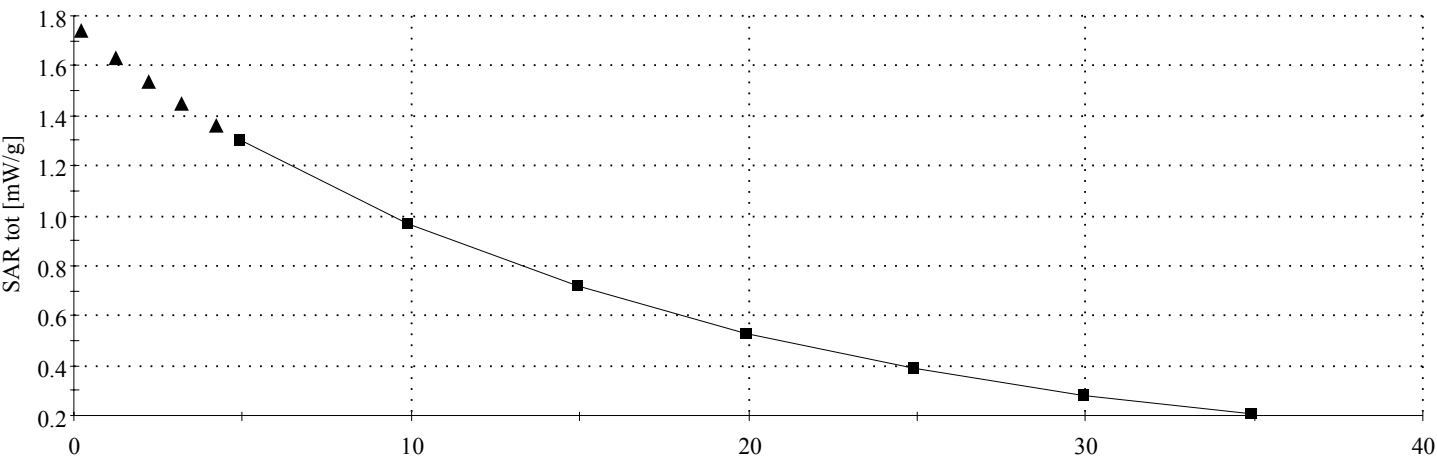
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 09; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.98 \text{ mho/m}$ $\epsilon_r = 41.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.86 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $1.81 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.04 dB



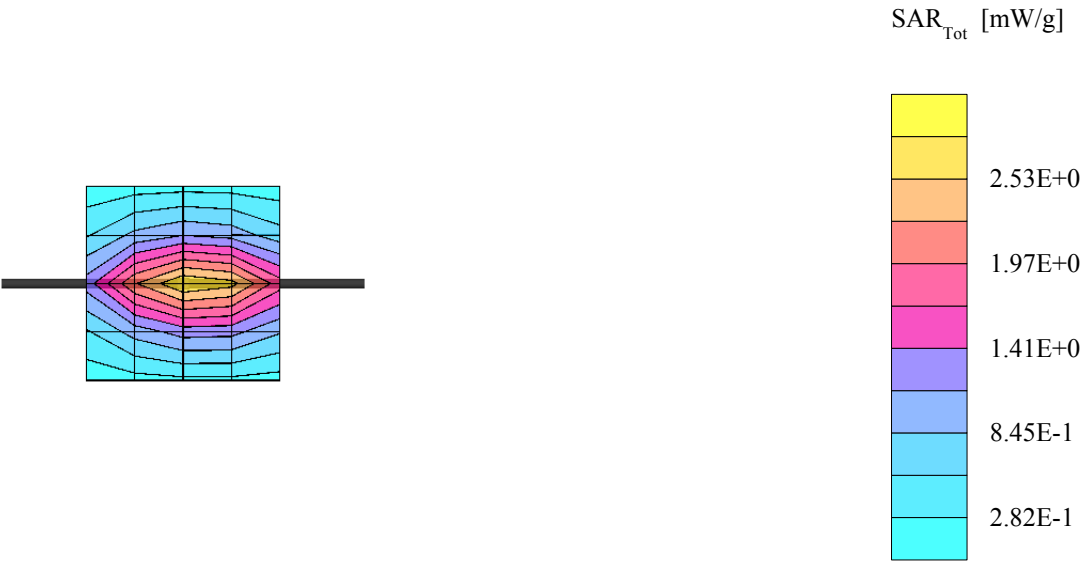
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 09; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.98 \text{ mho/m}$ $\epsilon_r = 41.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.86 mW/g ± 0.01 dB, SAR (10g): 1.81 mW/g ± 0.02 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



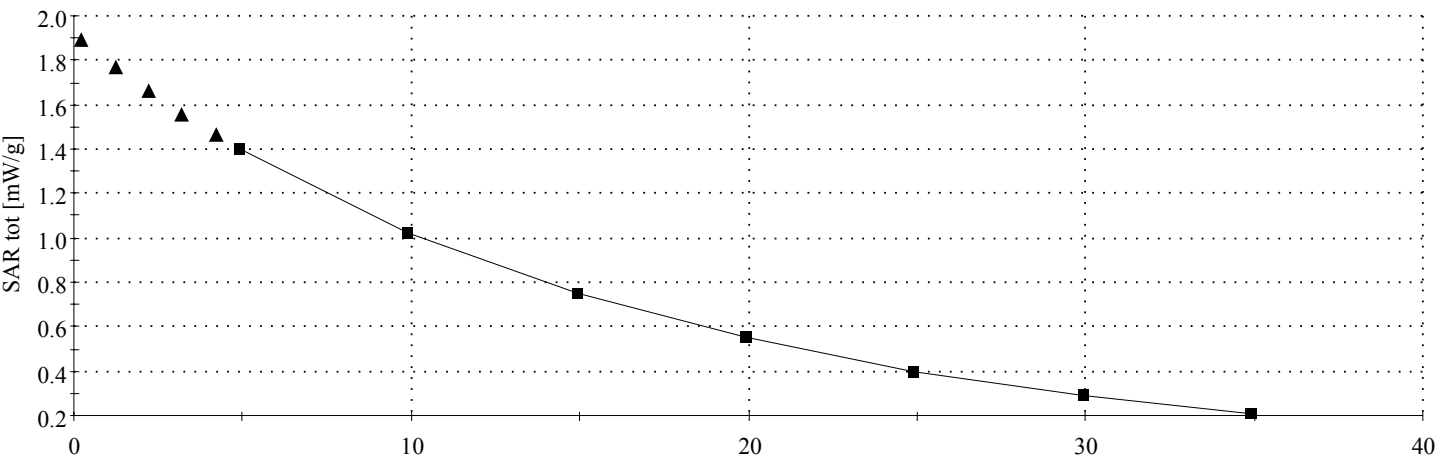
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 10; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.81 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.78 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.07 dB



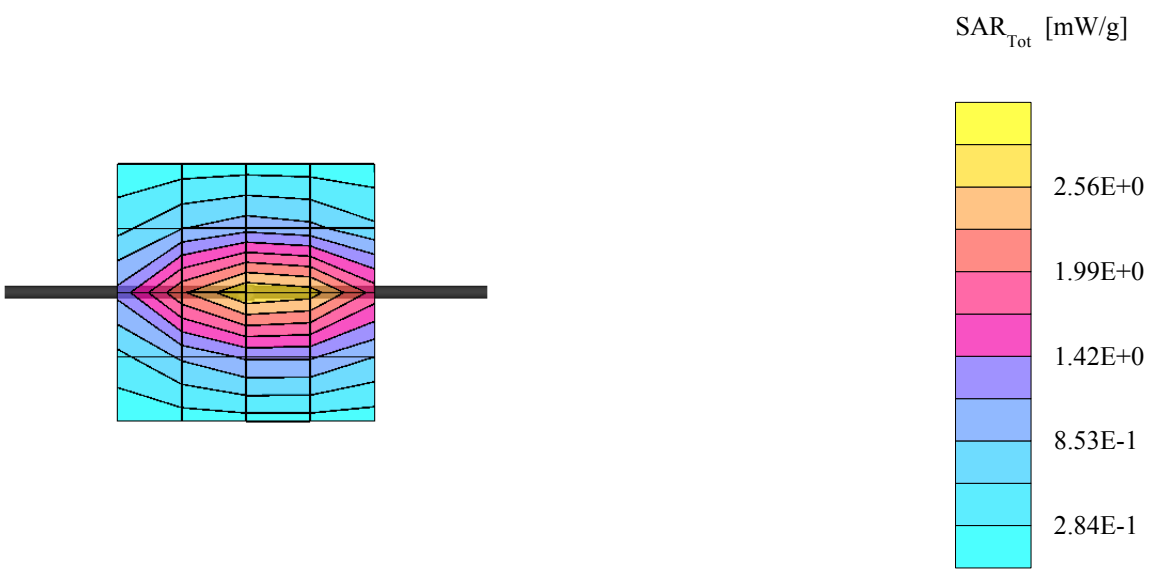
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 10; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.81 mW/g ± 0.02 dB, SAR (10g): 1.78 mW/g ± 0.02 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



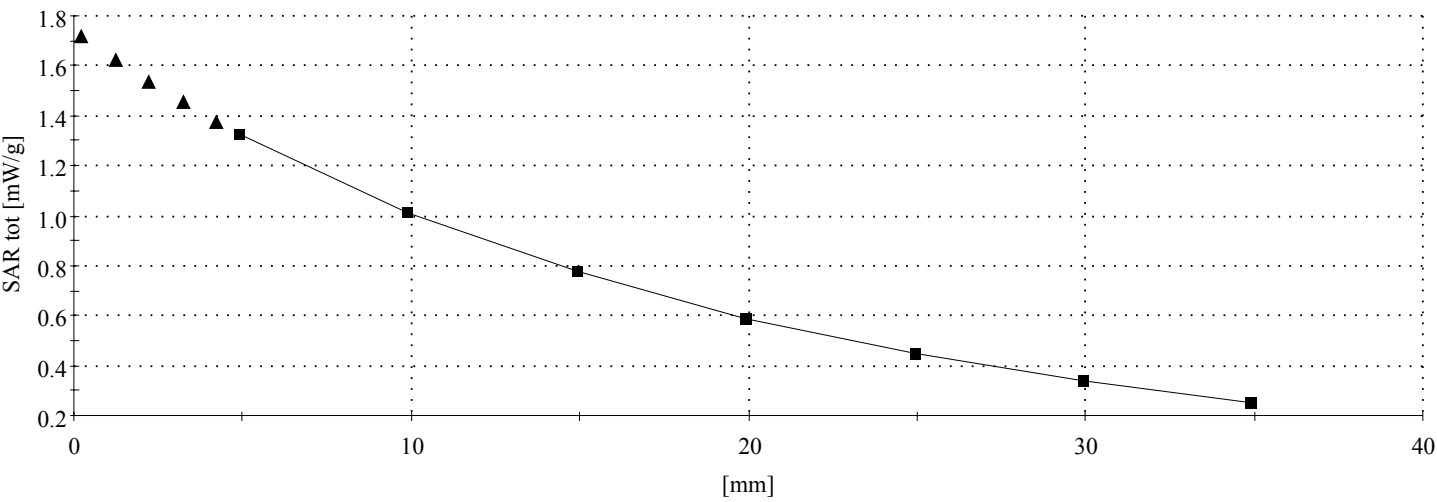
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Body - 14; Probe: ET3DV6R - SN1429; ConvF(5.90,5.90,5.90); Crest factor: 1.0; Validation Body 835 (SAM): $\sigma = 1.00 \text{ mho/m}$ $\epsilon_r = 54.6$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.84 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.83 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB



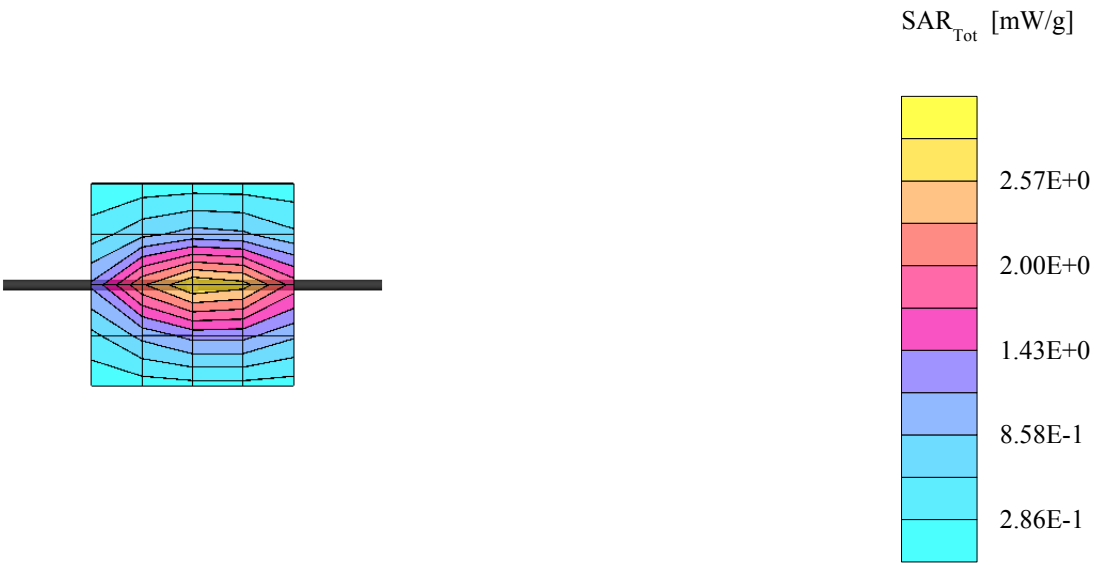
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Body - 14; Probe: ET3DV6R - SN1429; ConvF(5.90,5.90,5.90); Crest factor: 1.0; Validation Body 835 (SAM): $\sigma = 1.00 \text{ mho/m}$ $\epsilon_r = 54.6$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.84 mW/g ± 0.02 dB, SAR (10g): 1.83 mW/g ± 0.02 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



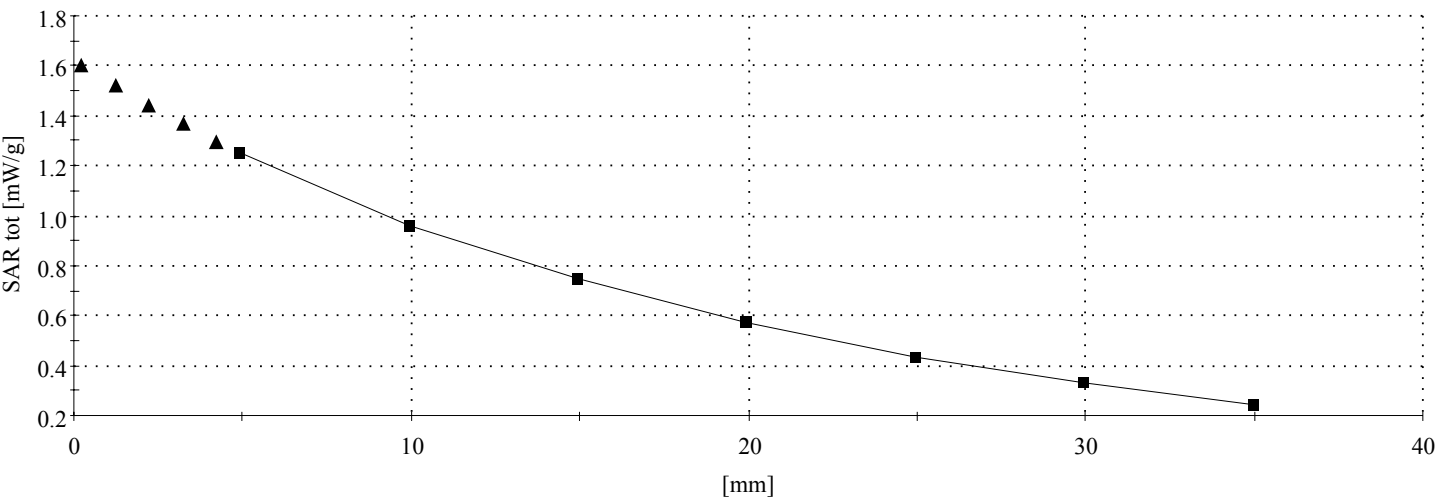
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Body - 15; Probe: ET3DV6R - SN1429; ConvF(5.90,5.90,5.90); Crest factor: 1.0; Validation Body 835 (SAM): $\sigma = 1.00 \text{ mho/m}$ $\epsilon_r = 54.6$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.87 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.85 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.04 dB



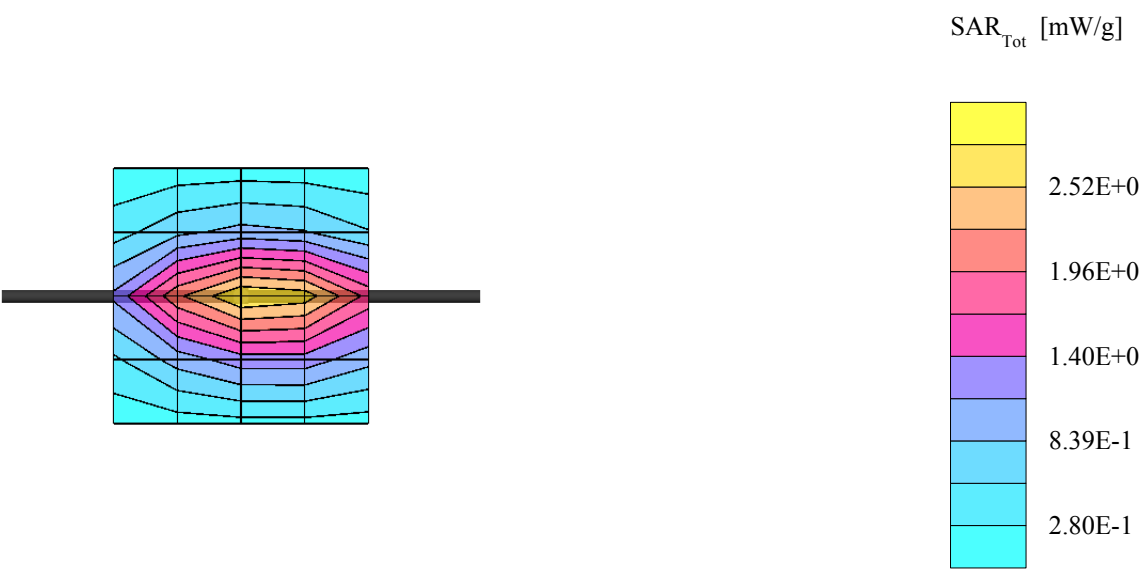
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Body - 15; Probe: ET3DV6R - SN1429; ConvF(5.90,5.90,5.90); Crest factor: 1.0; Validation Body 835 (SAM): $\sigma = 1.00 \text{ mho/m}$ $\epsilon_r = 54.6$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.87 \text{ mW/g} \pm 0.02 \text{ dB}$, SAR (10g): $1.85 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



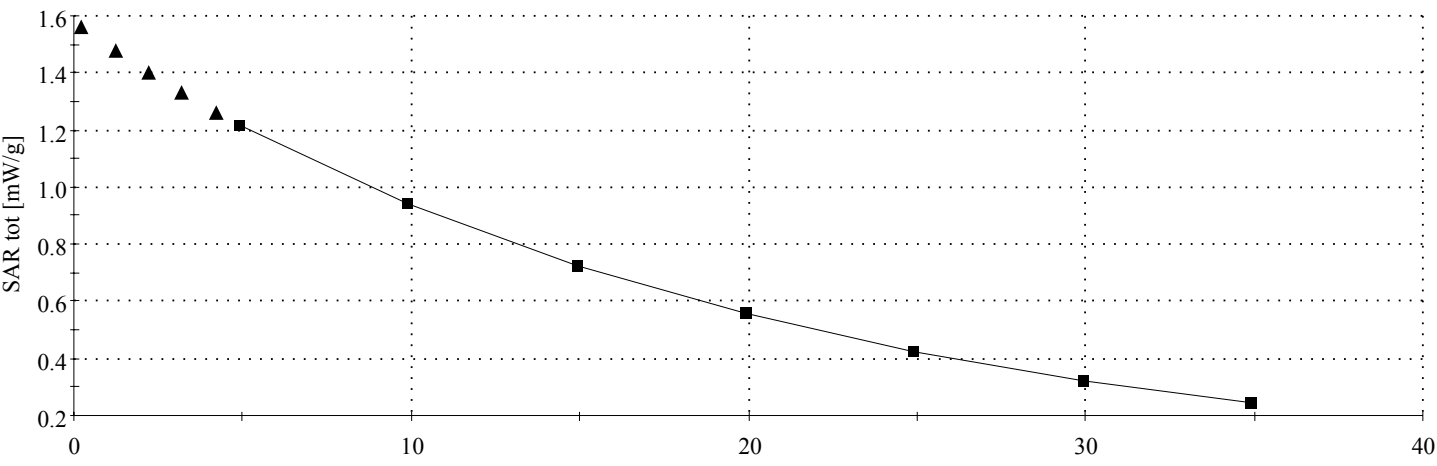
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Body - 16; Probe: ET3DV6R - SN1429; ConvF(5.90,5.90,5.90); Crest factor: 1.0; Validation Body 835 (SAM): $\sigma = 0.99 \text{ mho/m}$ $\epsilon_r = 54.0$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.83 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $1.82 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.06 dB



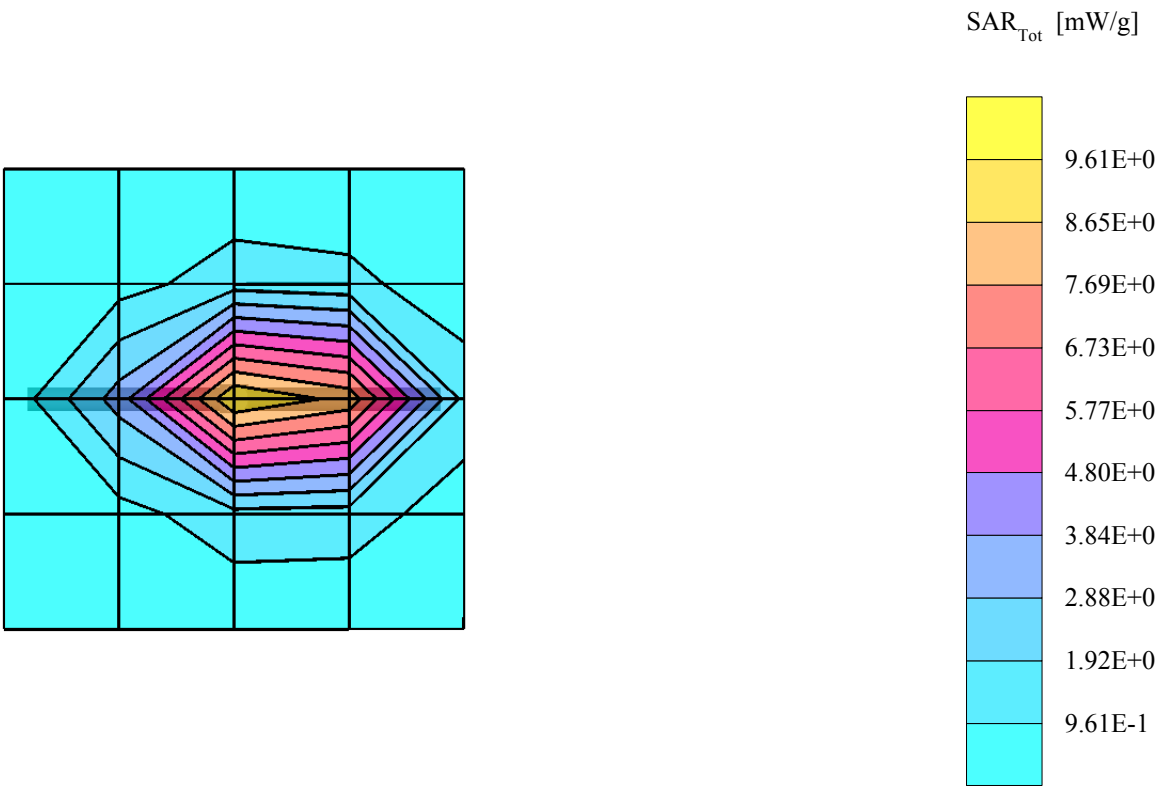
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Body - 16; Probe: ET3DV6R - SN1429; ConvF(5.90,5.90,5.90); Crest factor: 1.0; Validation Body 835 (SAM): $\sigma = 0.99$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cubes (2): SAR (1g): 2.83 mW/g ± 0.01 dB, SAR (10g): 1.82 mW/g ± 0.01 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



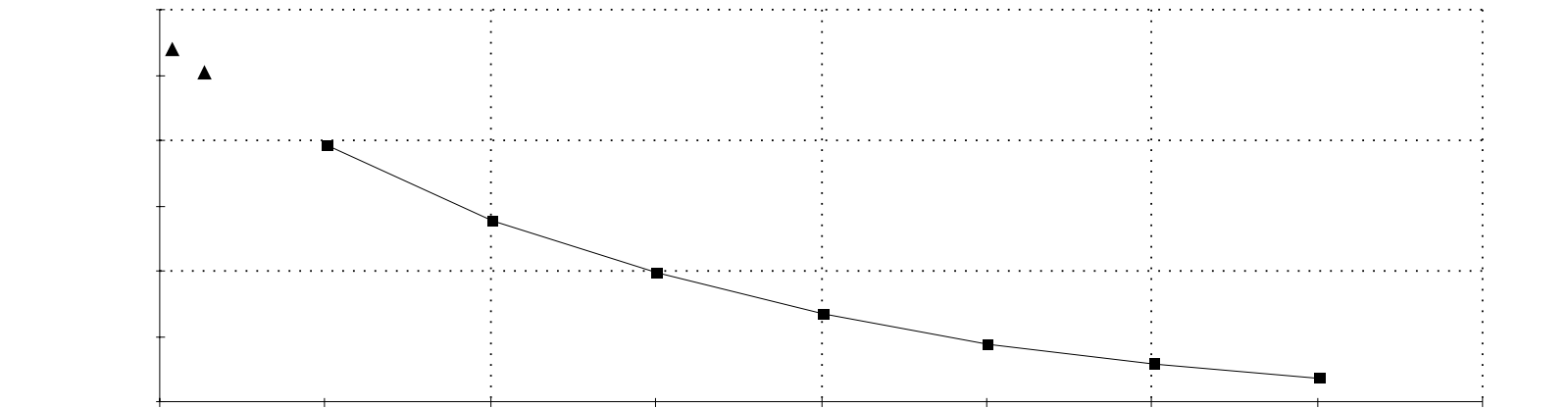
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 10; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.38 \text{ mho/m}$ $\epsilon_r = 38.4$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 9.97 mW/g ± 0.01 dB, SAR (10g): 5.20 mW/g ± 0.00 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.01 dB



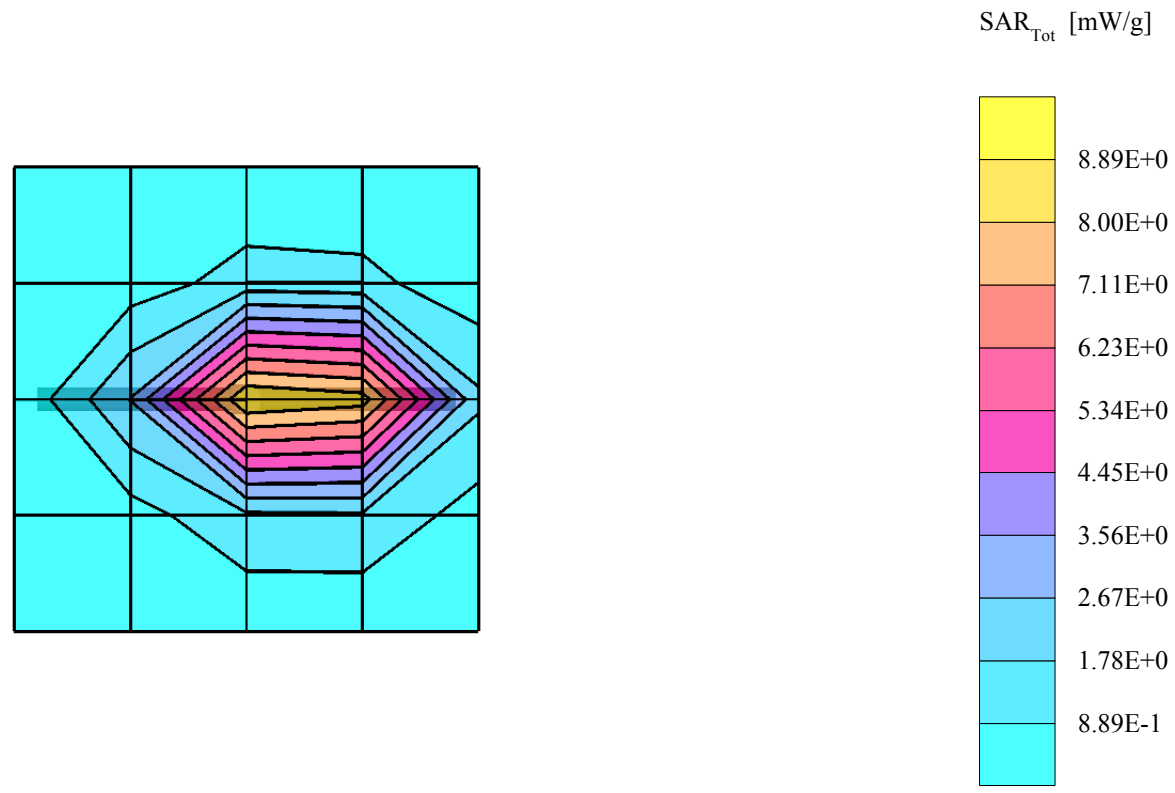
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 10; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.38 \text{ mho/m}$ $\epsilon_r = 38.4$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 9.97 mW/g ± 0.01 dB, SAR (10g): 5.20 mW/g ± 0.00 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



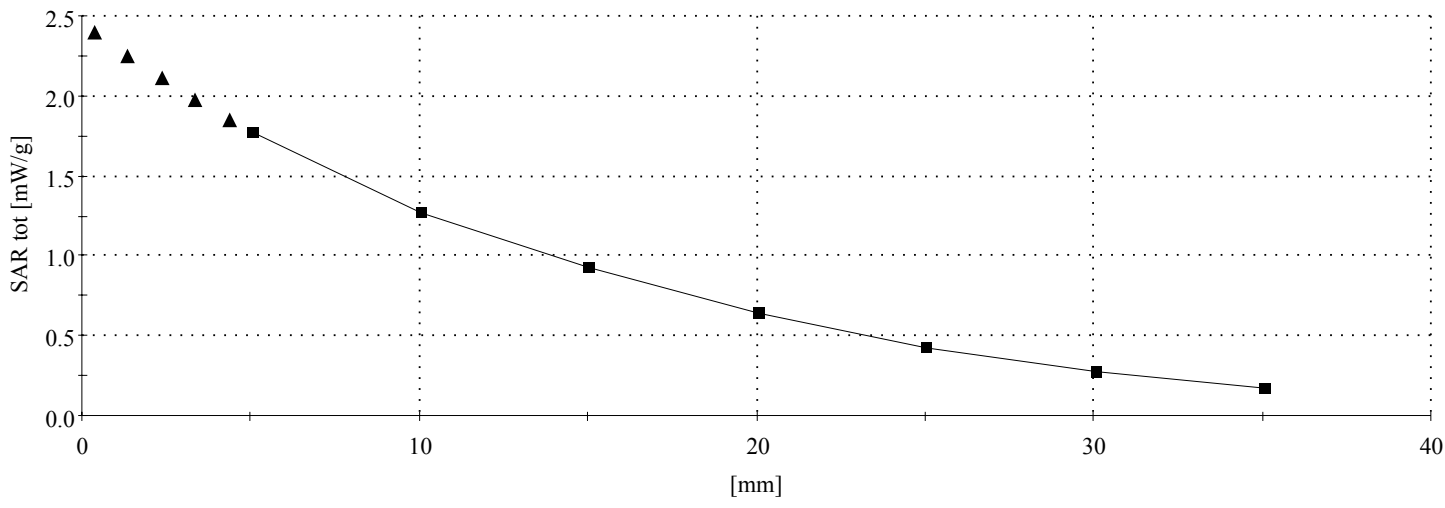
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 11; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.34 \text{ mho/m}$ $\epsilon_r = 38.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $9.63 \text{ mW/g} \pm 0.03 \text{ dB}$, SAR (10g): $5.02 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB



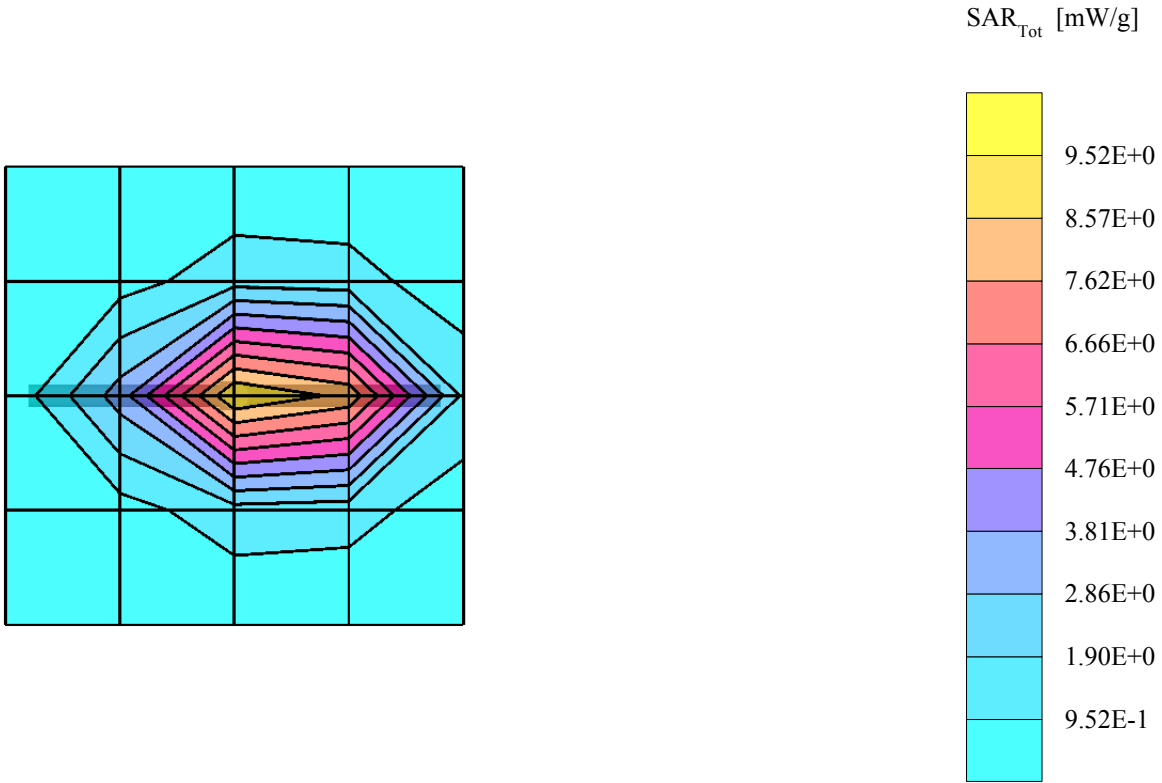
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 11; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.34 \text{ mho/m}$ $\epsilon_r = 38.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 9.63 mW/g ± 0.03 dB, SAR (10g): 5.02 mW/g ± 0.02 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



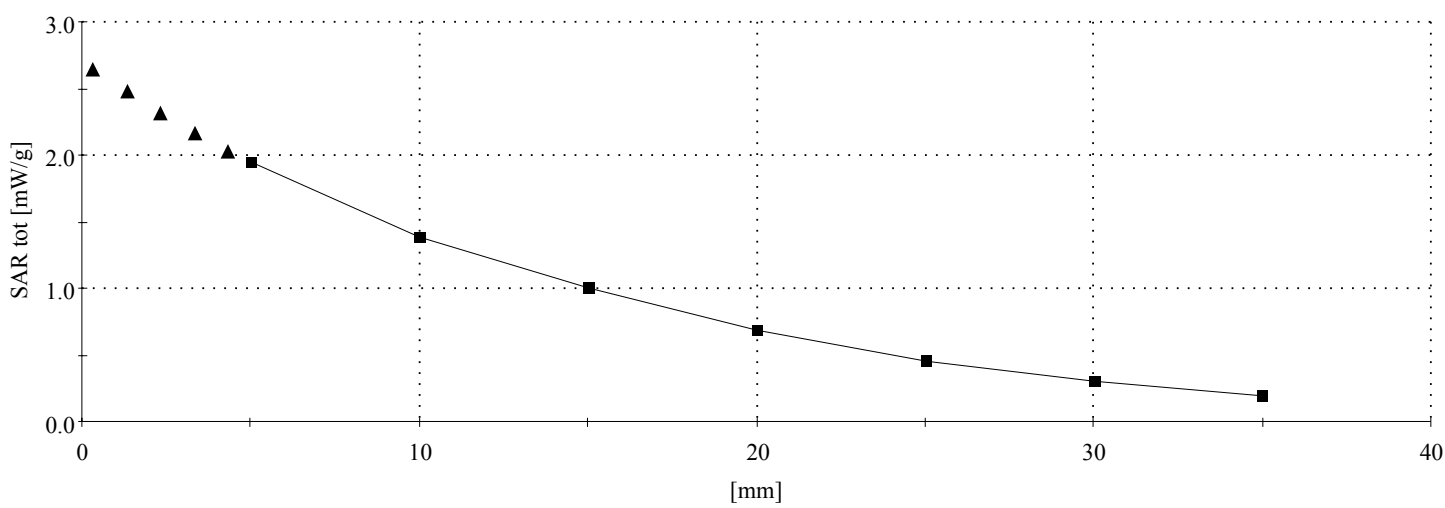
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; 27; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.37 \text{ mho/m}$ $\epsilon_r = 38.9$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $9.93 \text{ mW/g} \pm 0.00 \text{ dB}$, SAR (10g): $5.21 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.03 dB



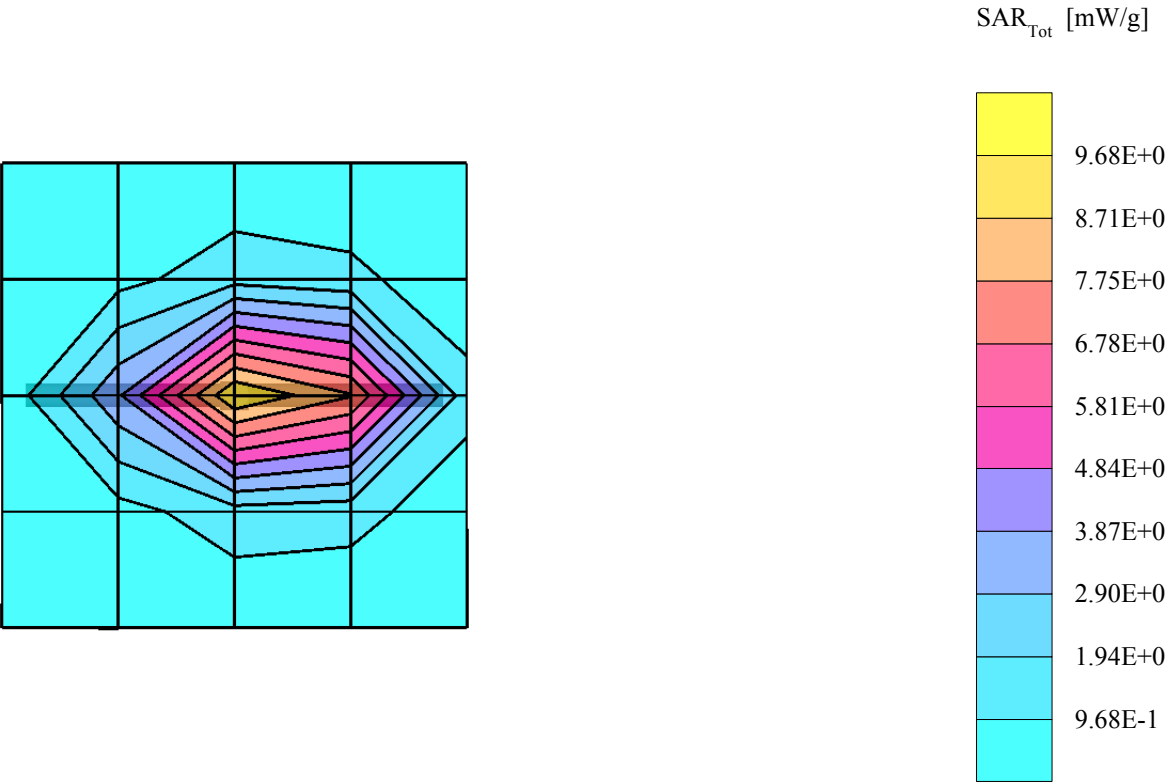
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; 27; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.37 \text{ mho/m}$ $\epsilon_r = 38.9$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $9.93 \text{ mW/g} \pm 0.00 \text{ dB}$, SAR (10g): $5.21 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



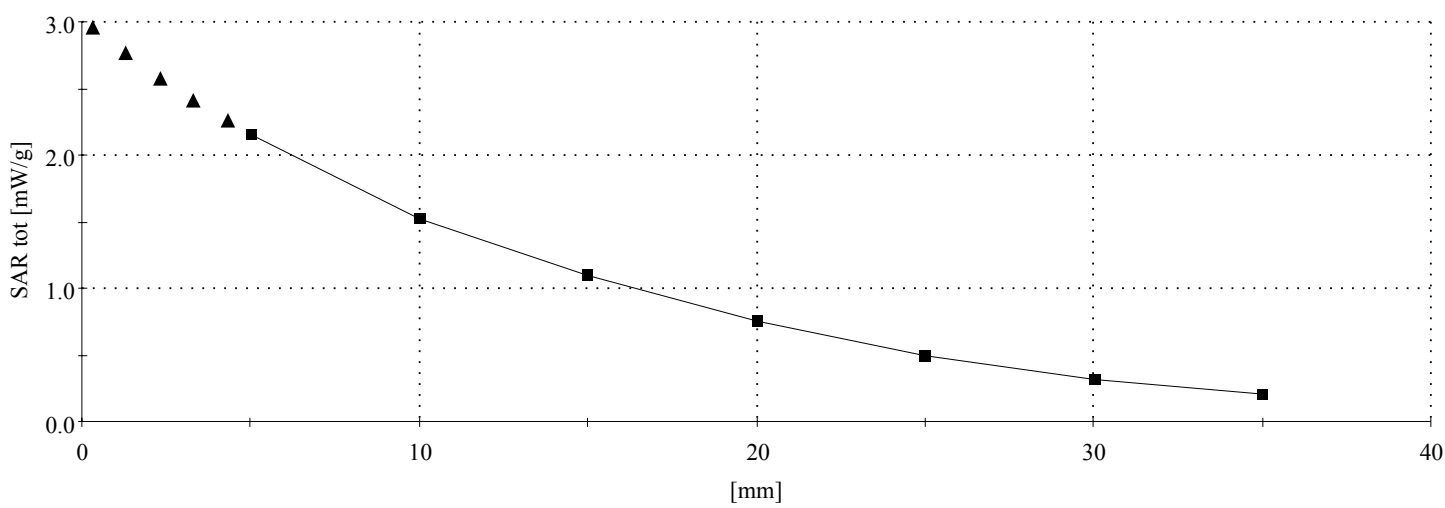
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; 28; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.36 \text{ mho/m}$ $\epsilon_r = 38.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 9.83 mW/g ± 0.01 dB, SAR (10g): 5.16 mW/g ± 0.01 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.06 dB



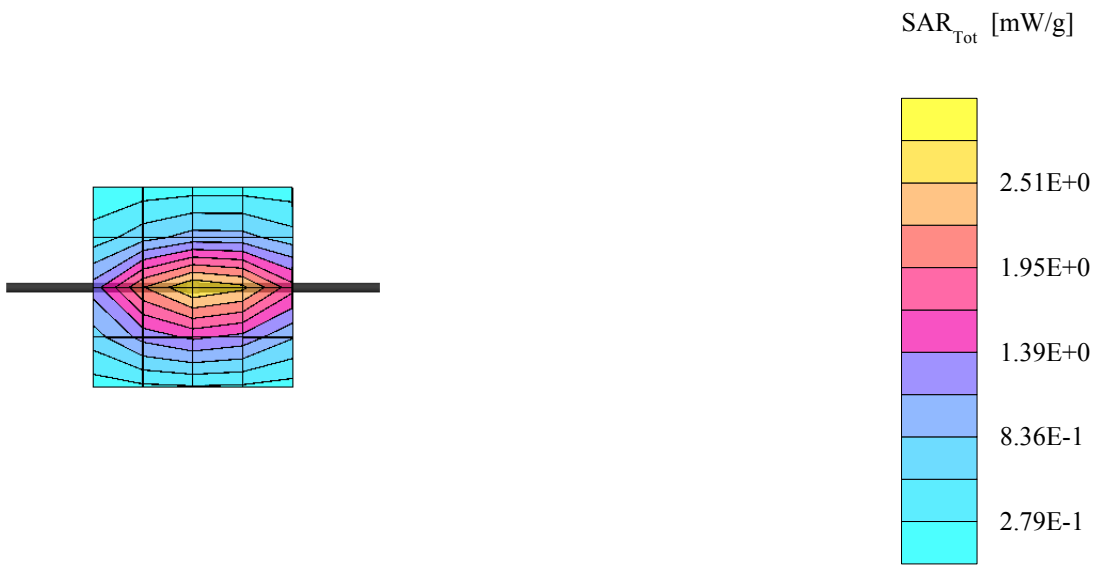
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; 28; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.36 \text{ mho/m}$ $\epsilon_r = 38.8$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $9.83 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $5.16 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



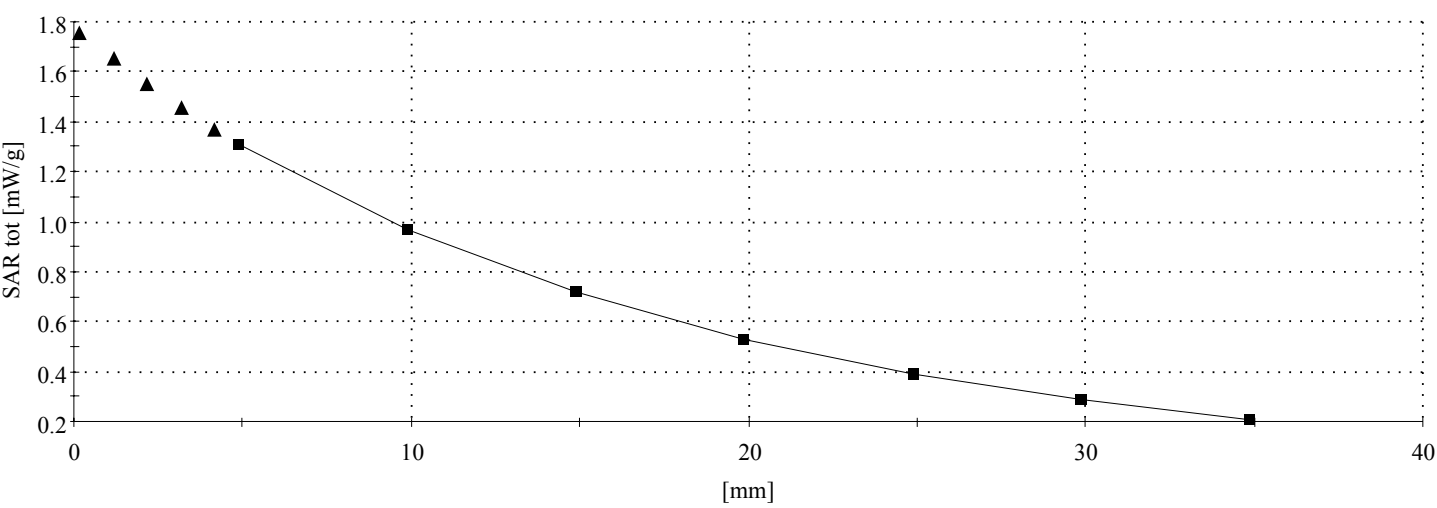
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; 02; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.2$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 2.82 mW/g ± 0.01 dB, SAR (10g): 1.78 mW/g ± 0.02 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB



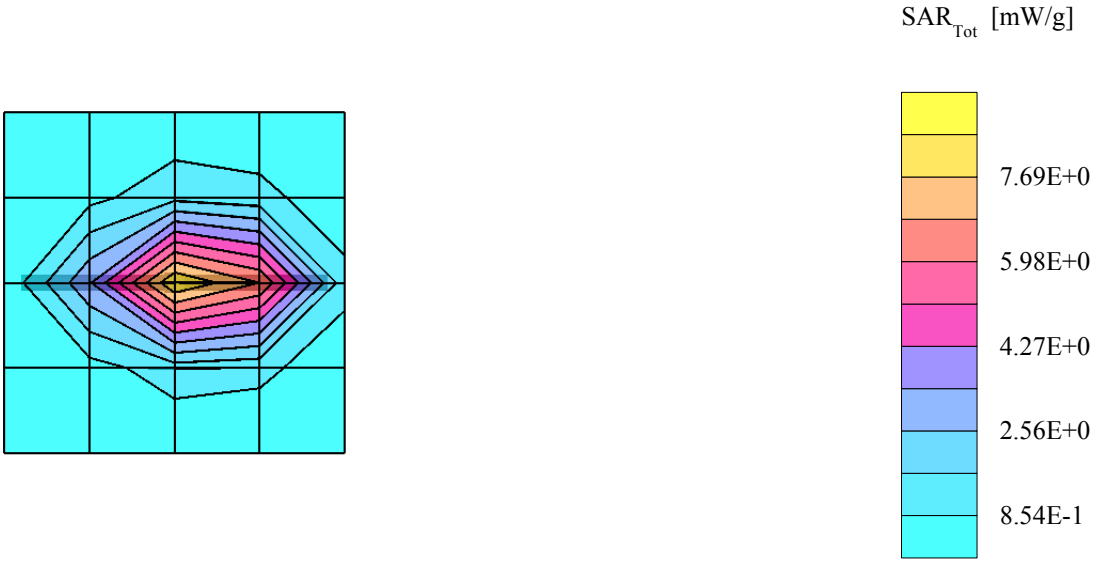
Dipole 900 MHz

SAM Low Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; 02; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 900 MHz (SAM): $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 41.2$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $2.82 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $1.78 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



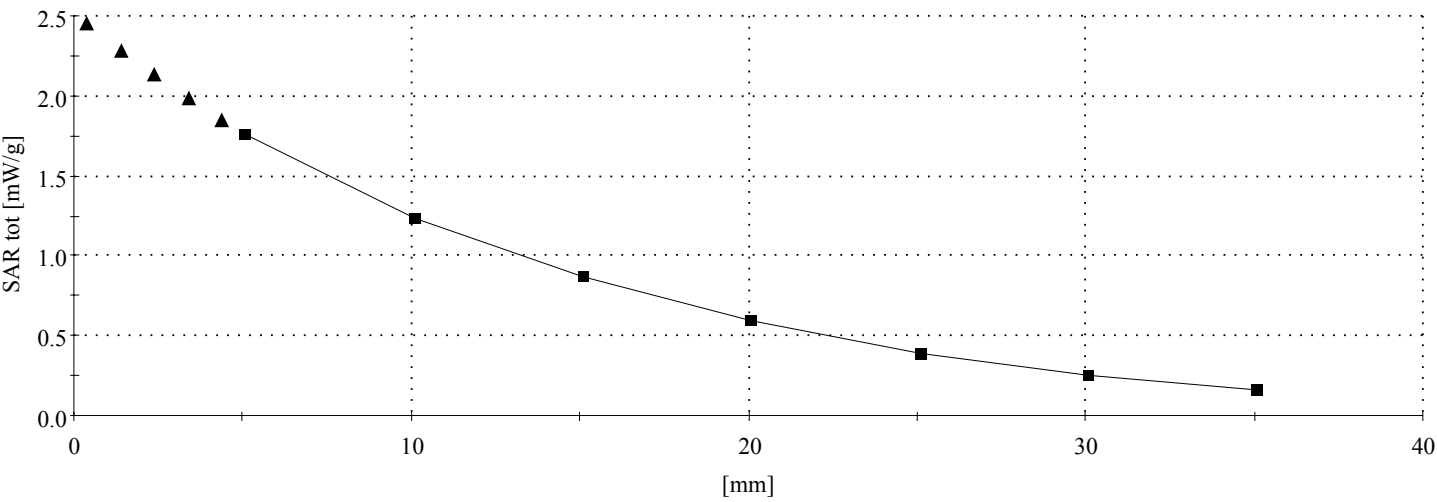
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 03; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.37 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $8.64 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $4.50 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.02 dB



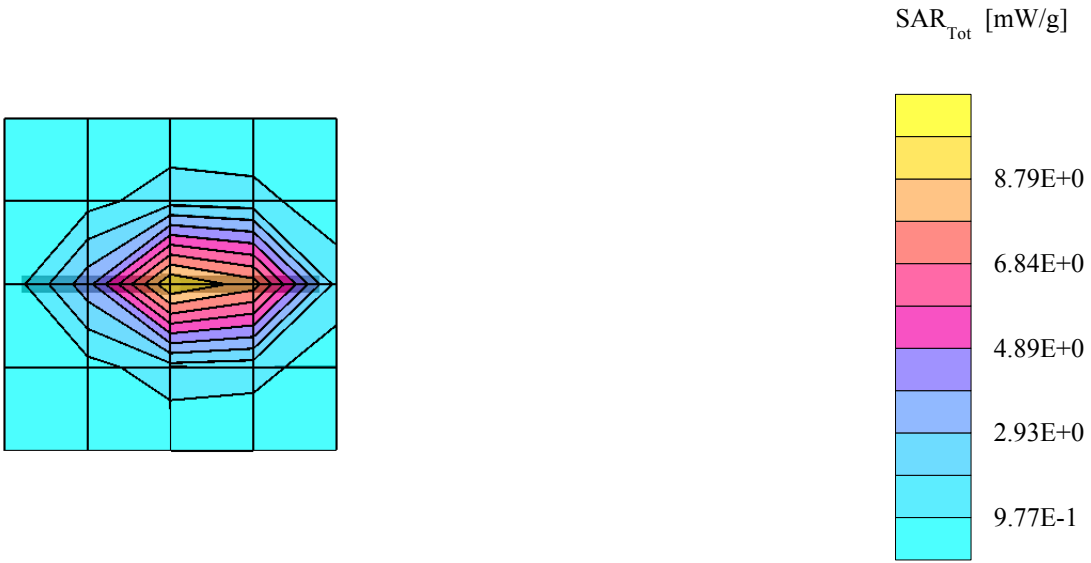
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 03; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.37 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $8.64 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $4.50 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Head - 07; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.37 \text{ mho/m}$ $\epsilon_r = 39.1$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 10.1 mW/g ± 0.00 dB, SAR (10g): 5.24 mW/g ± 0.01 dB, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.03 dB



Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Head - 07; Probe: ET3DV6R - SN1429; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Head 1800 MHz (SAM): $\sigma = 1.37 \text{ mho/m}$ $\epsilon_r = 39.1$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 10.1 mW/g ± 0.00 dB, SAR (10g): 5.24 mW/g ± 0.01 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

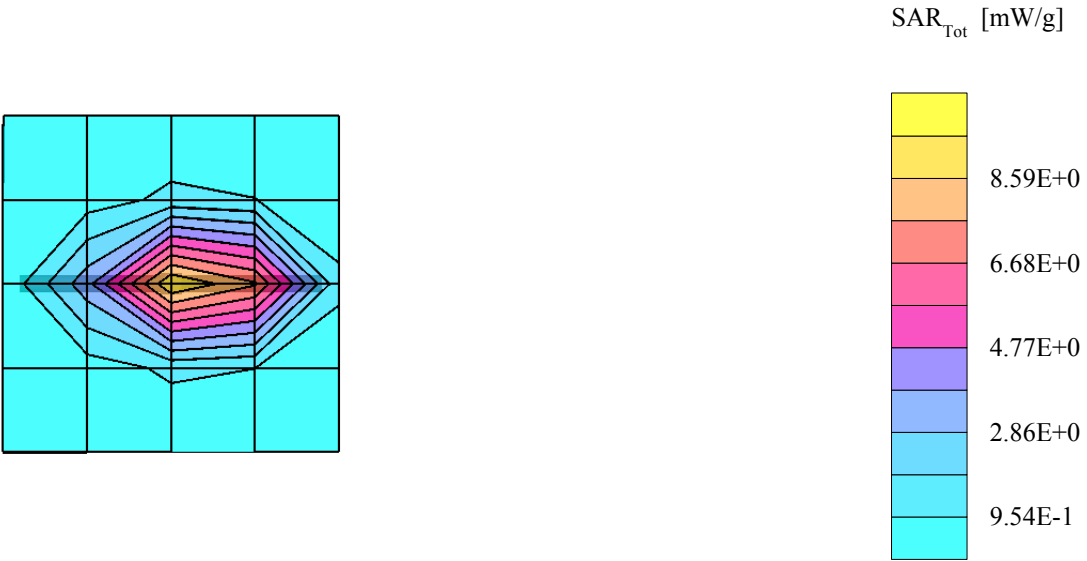
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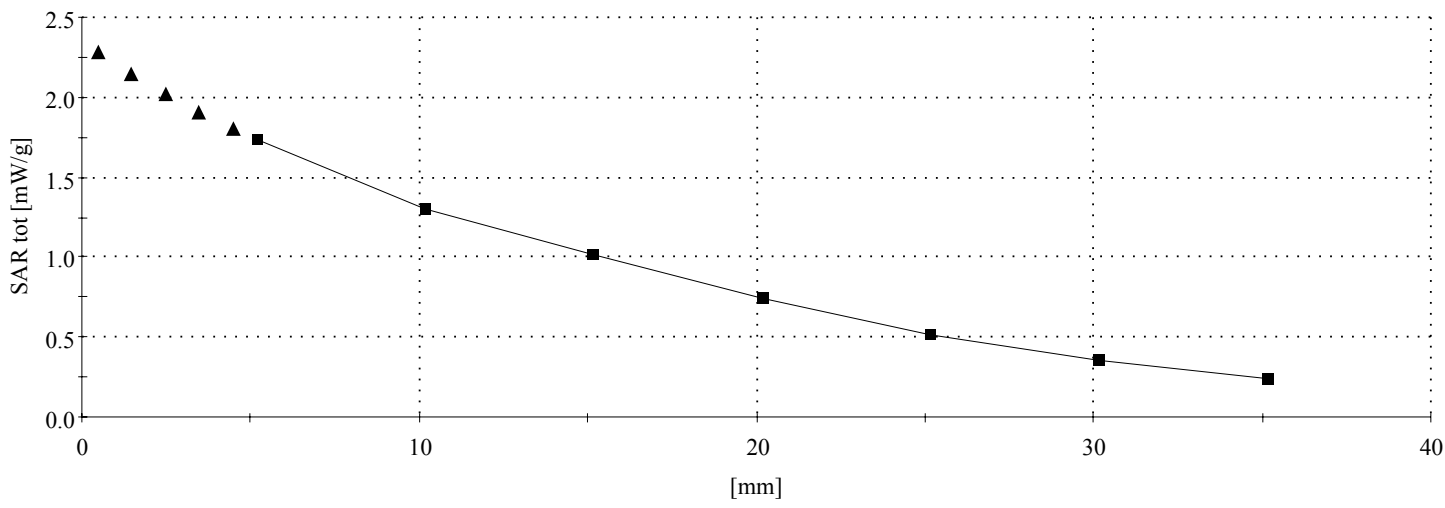
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Body - 12; Probe: ET3DV6R - SN1429; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Validation Body 1800-2000 MHz (SAM): $\sigma = 1.44 \text{ mho/m}$ $\epsilon_r = 52.1$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $9.61 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $5.08 \text{ mW/g} \pm 0.00 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.00 dB



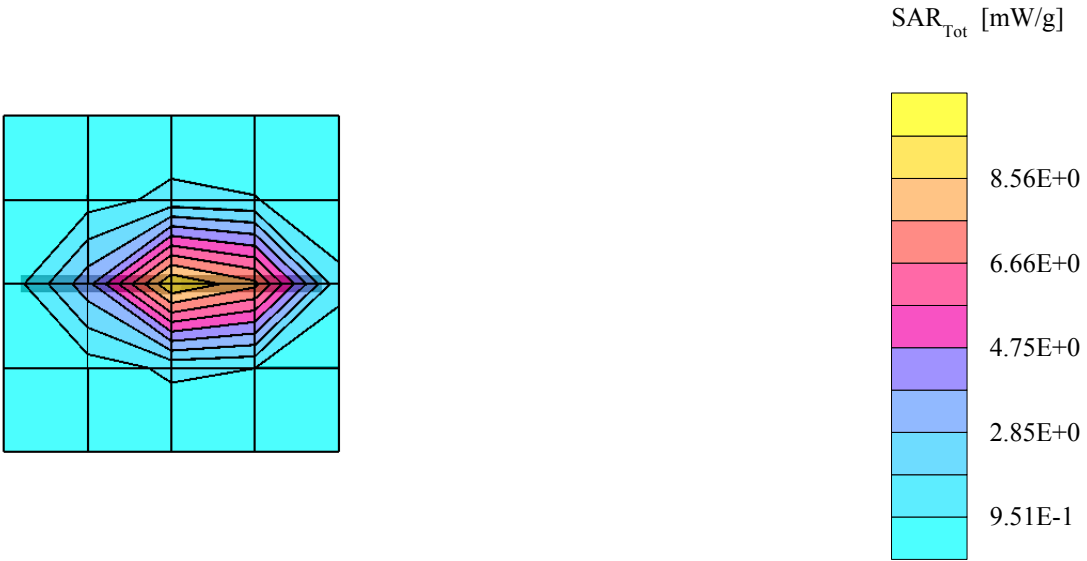
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Body - 12; Probe: ET3DV6R - SN1429; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Validation Body 1800-2000 MHz (SAM): $\sigma = 1.44 \text{ mho/m}$ $\epsilon_r = 52.1$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $9.61 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $5.08 \text{ mW/g} \pm 0.00 \text{ dB}$, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



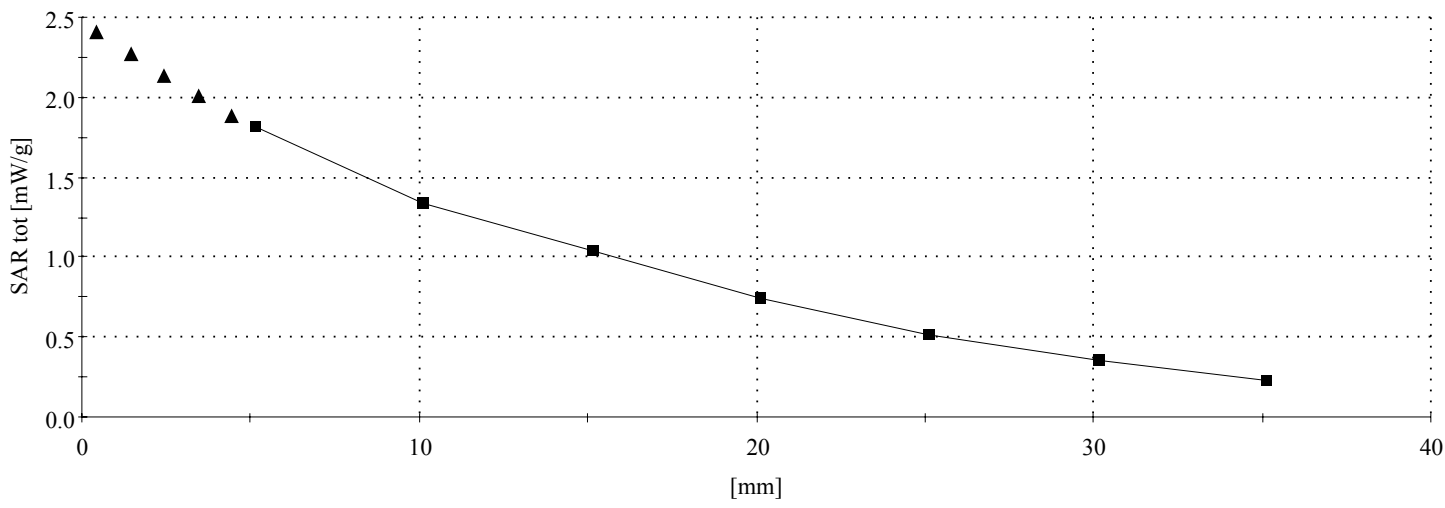
Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,90°); horinzontal angle until touching head (80°-90°)
; Body - 13; Probe: ET3DV6R - SN1429; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Validation Body 1800-2000 MHz (SAM): $\sigma = 1.44 \text{ mho/m}$ $\epsilon_r = 51.9$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $9.64 \text{ mW/g} \pm 0.00 \text{ dB}$, SAR (10g): $5.08 \text{ mW/g} \pm 0.01 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB



Dipole 1800 MHz

SAM High Band Phantom; Flat Section; Position: (90°,59°); horinzontal angle until touching head (80°-90°)
; Body - 13; Probe: ET3DV6R - SN1429; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Validation Body 1800-2000 MHz (SAM): $\sigma = 1.44 \text{ mho/m}$ $\epsilon_r = 51.9$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): 9.64 mW/g ± 0.00 dB, SAR (10g): 5.08 mW/g ± 0.01 dB, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

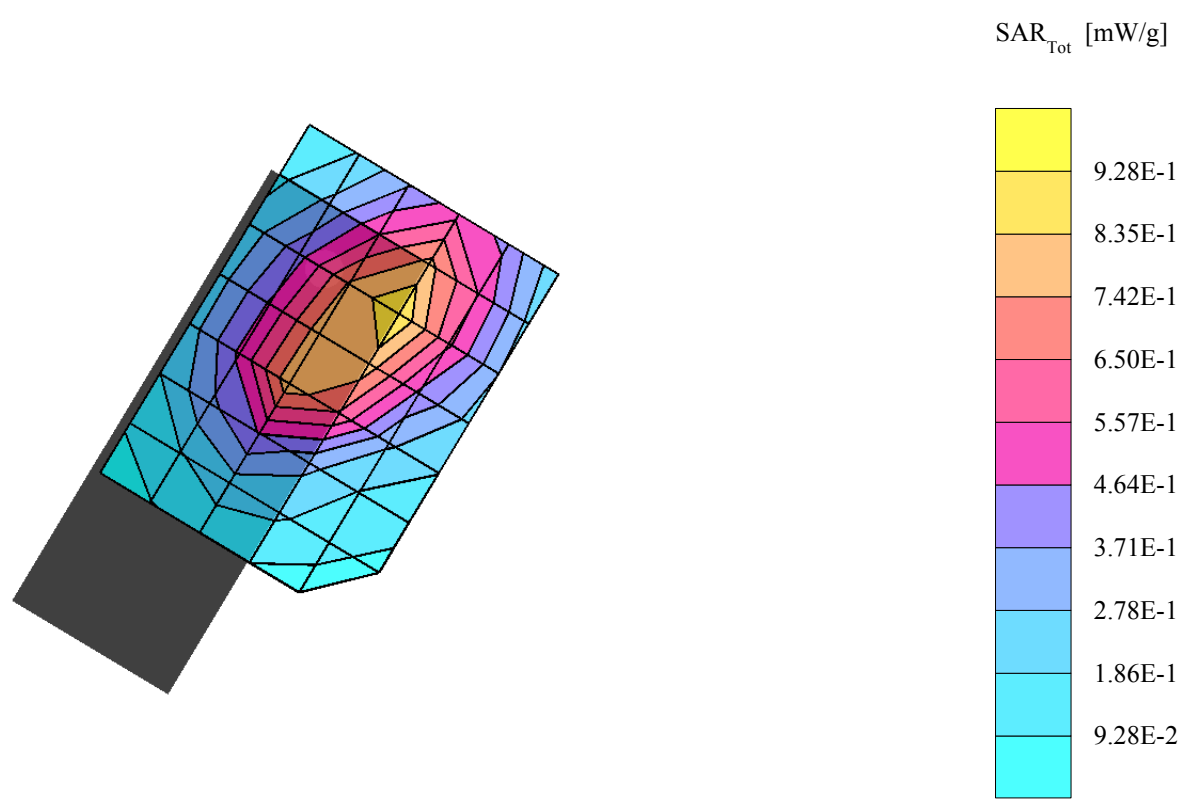


APPENDIX B.

SAR Distribution Printouts

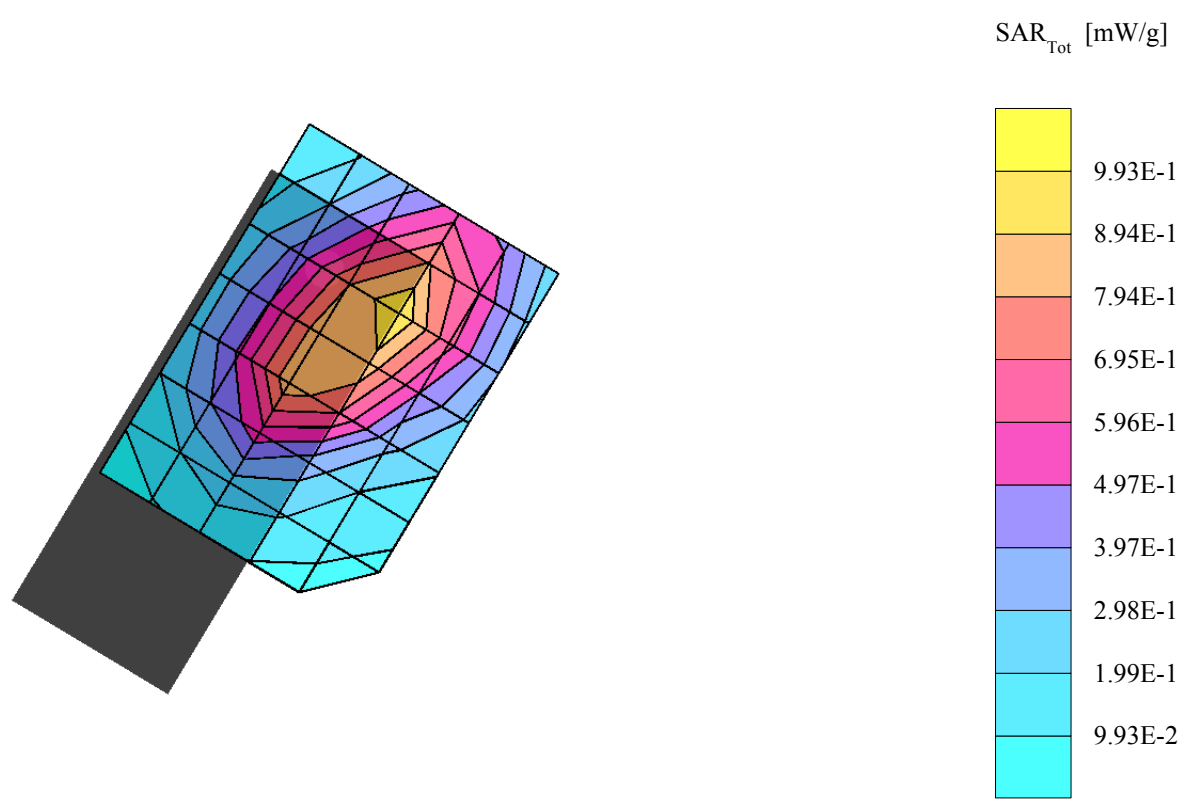
QMNRH-44

SAM Low Band Phantom; Left Hand Section; Position: (90°,59°); Mode: AMPS
; SAM touch left AMPS Ant; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 835 MHz (SAM): $\sigma = 0.91 \text{ mho/m}$ $\epsilon_r = 41.6$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.923 mW/g, SAR (10g): 0.601 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.01 dB



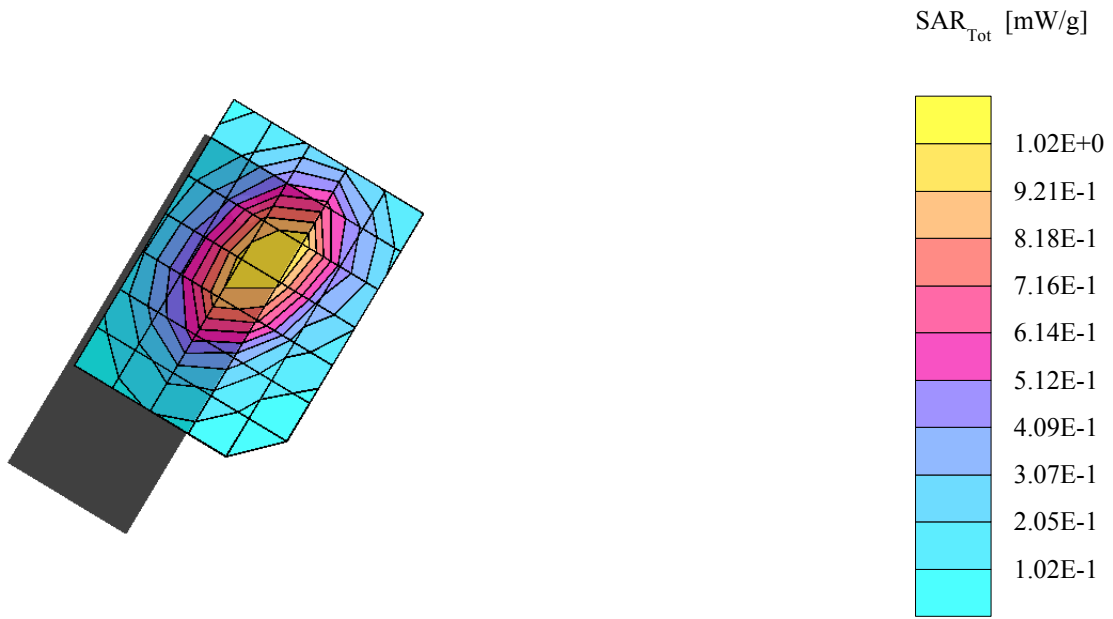
QMNRH-44

SAM Low Band Phantom; Left Hand Section; Position: (90°,59°); Mode: AMPS
; SAM touch left AMPS Ant; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 835 MHz (SAM): $\sigma = 0.90 \text{ mho/m}$ $\epsilon_r = 41.3$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.992 mW/g, SAR (10g): 0.647 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.01 dB



QMNRH-44

SAM Low Band Phantom; Left Hand Section; Position: (90°,59°); Mode: AMPS
; SAM touch left AMPS Ant; Probe: ET3DV6R - SN1429; ConvF(6.20,6.20,6.20); Crest factor: 1.0; Head 835 MHz (SAM): $\sigma = 0.91 \text{ mho/m}$
 $\epsilon_r = 41.6 \rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 1.08 mW/g, SAR (10g): 0.701 mW/g * Max outside, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.16 dB



QMNRH-44

SAM Low Band Phantom; Flat Section; Position: (90°,270°); Mode: AMPS
; SAM Body, AMPS antenna in CH 991; Probe: ET3DV6R - SN1429; ConvF(5.90,5.90,5.90); Crest factor: 1.0; Body 835 MHz (SAM): $\sigma = 0.93$ mho/m $\epsilon_r = 55.2$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.953 mW/g, SAR (10g): 0.696 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.00 dB

