



Test & Certification Center (TCC) - Dallas



Accredited Laboratory
Certificate Number: 1819-01

APPENDIX A: VALIDATION SCANS

Date: 11/16/04

835MHz Head Validation

Phantom: SAM1 Cellular Head, Phantom section: Flat Section

Medium: 835MHz Head, Frequency: 835 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³, Temperature: 21.0

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

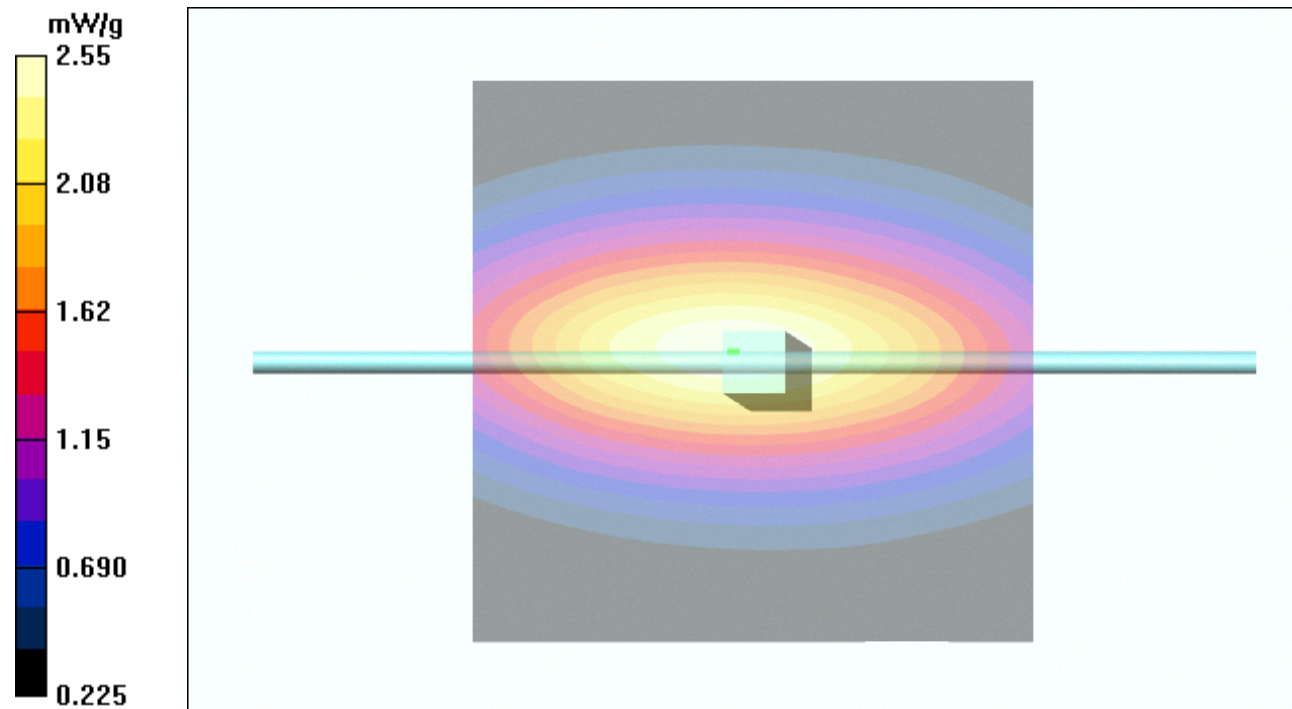
835MHz validation/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 55.1 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 3.5 W/kg

SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.55 mW/g (Advance Extrapolation)

Maximum value of SAR (measured) = 2.55 mW/g



Date: 11/17/04

835MHz Head Validation

Phantom: SAM1 Cellular Head, Phantom section: Flat Section

Medium: 835MHz Head, Frequency: 835 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³, Temperature: 20.8

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

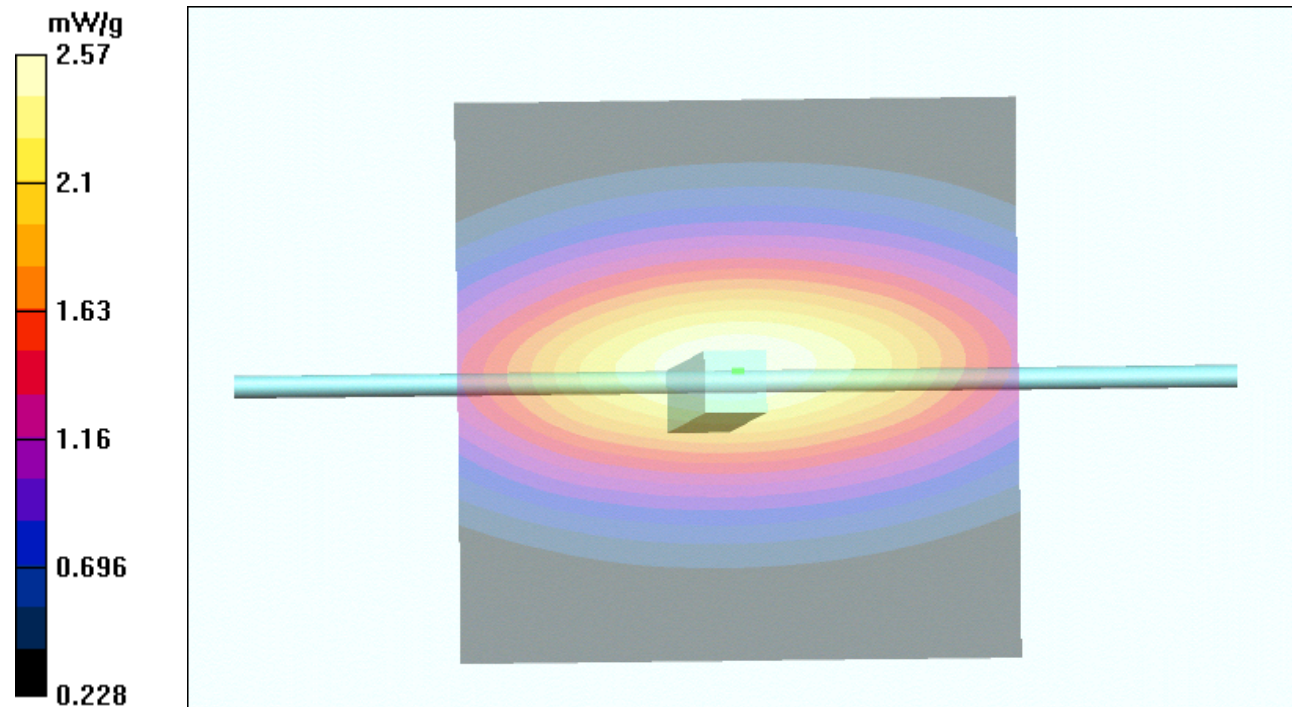
835MHz validation/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 55.3 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 3.54 W/kg

SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.56 mW/g (Advance Extrapolation)

Maximum value of SAR (measured) = 2.57 mW/g



Date: 11/17/04

835MHz Body Validation

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 835 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.946$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³, Temperature: 21.3

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

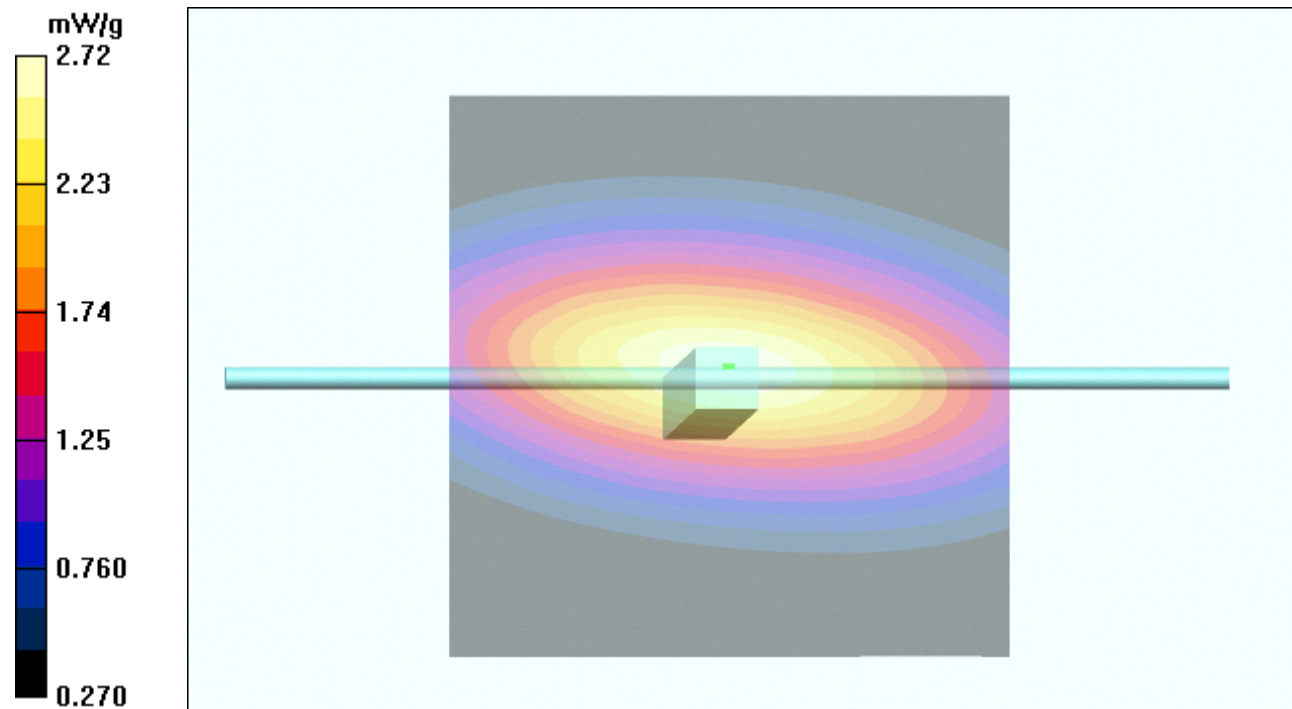
835MHz validation/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 55.2 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 3.6 W/kg

SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.65 mW/g (Advance Extrapolation)

Maximum value of SAR (measured) = 2.72 mW/g



Date: 11/19/04

835MHz Body Validation

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 835 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³, Temperature: 21.2

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

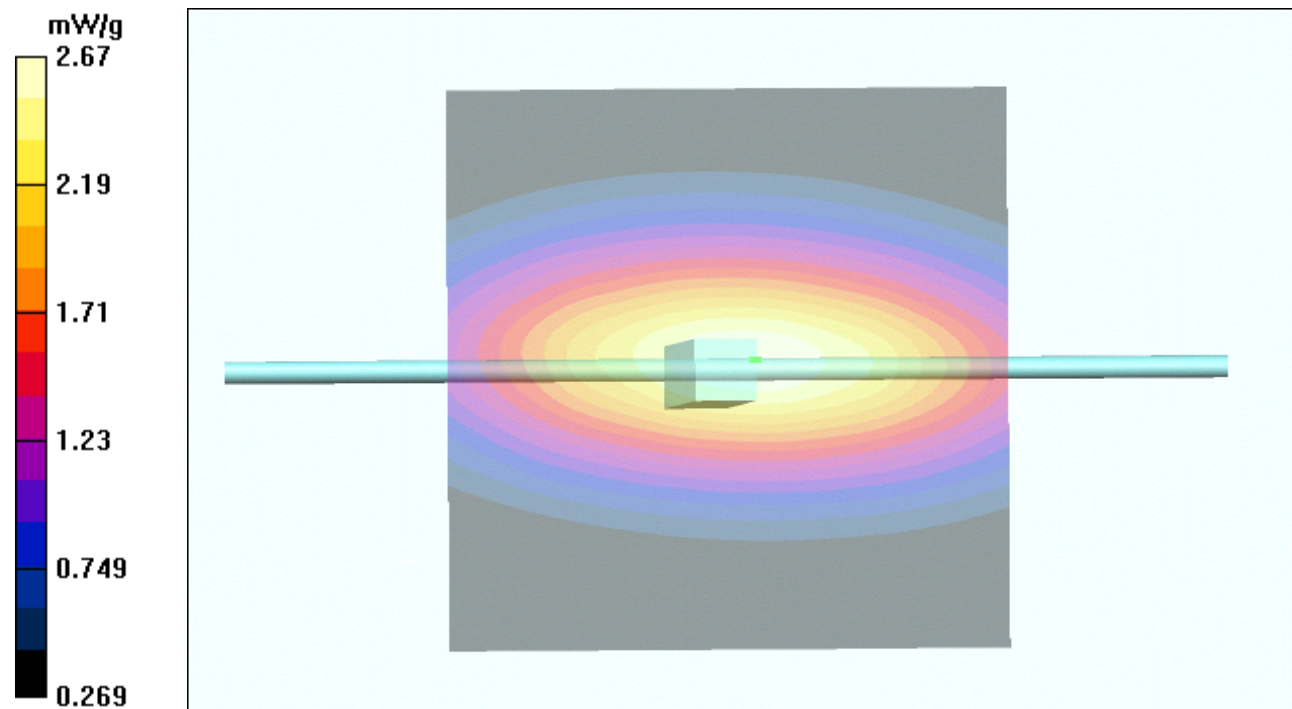
835MHz validation/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 55.2 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.65 mW/g (Advance Extrapolation)

Maximum value of SAR (measured) = 2.67 mW/g



Date: 11/18/04

1900MHz Head Validation

Phantom: SAM3 PCS Head and Body, Phantom section: Flat Section

Medium: 1900MHz Head, Frequency: 1900 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³, Temperature: 20.9

Probe: ET3DV6 - SN1504, ConvF(5.13, 5.13, 5.13)

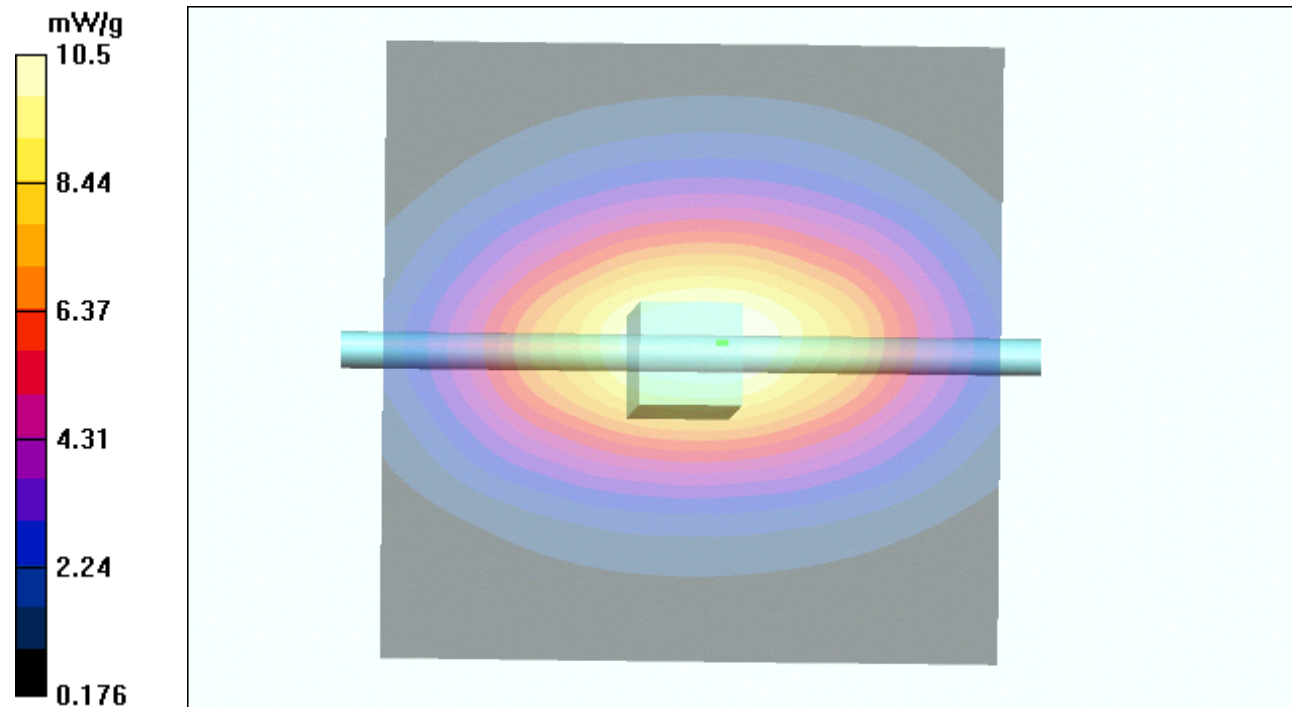
1900MHz Head validation/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 90.7 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 9.39 mW/g; SAR(10 g) = 4.89 mW/g (Advance Extrapolation)

Maximum value of SAR (measured) = 10.5 mW/g



Date: 11/22/04

1900MHz Body Validation

Phantom: SAM3 PCS Head and Body, Phantom section: Flat Section

Medium: 1900MHz Body, Frequency: 1900 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³, Temperature: 19.1

Probe: ET3DV6 - SN1504, ConvF(4.56, 4.56, 4.56)

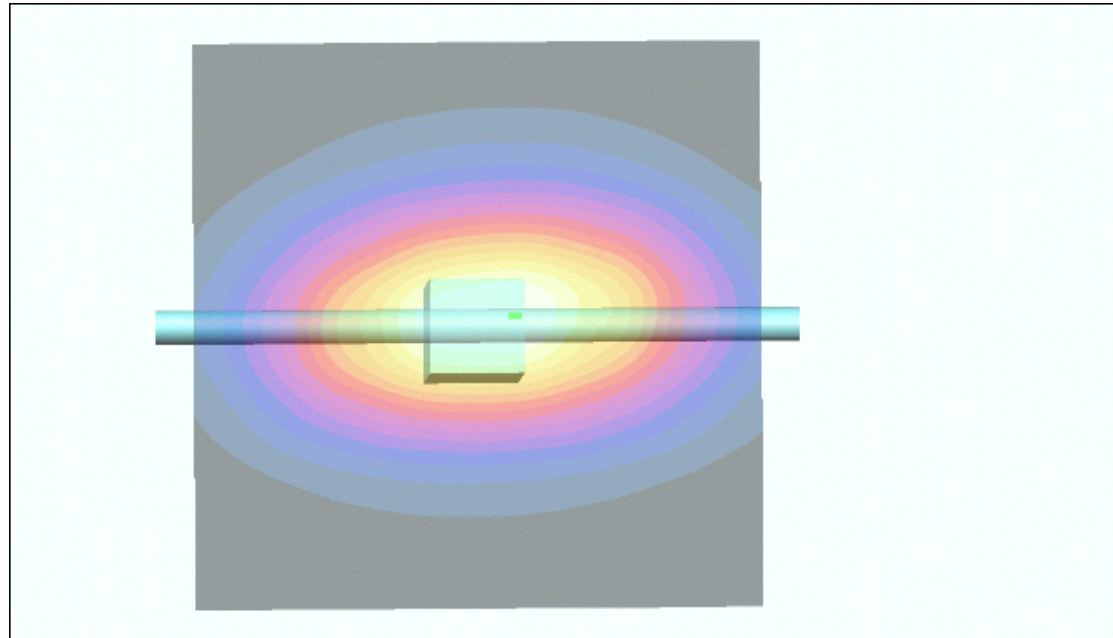
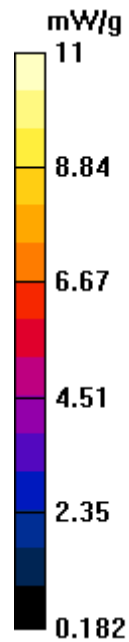
1900MHz validation/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 88.9 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 9.8 mW/g; SAR(10 g) = 5.1 mW/g (Advance Extrapolation)

Maximum value of SAR (measured) = 11 mW/g





Test & Certification Center (TCC) - Dallas



Accredited Laboratory
Certificate Number: 1819-01

APPENDIX B: MEASUREMENT SCANS

Date: 11/16/04

RH-66, AMPS, Channel 384, Left Cheek Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Left Section

Medium: 835MHz Head, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³, Temperature: 21.0

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

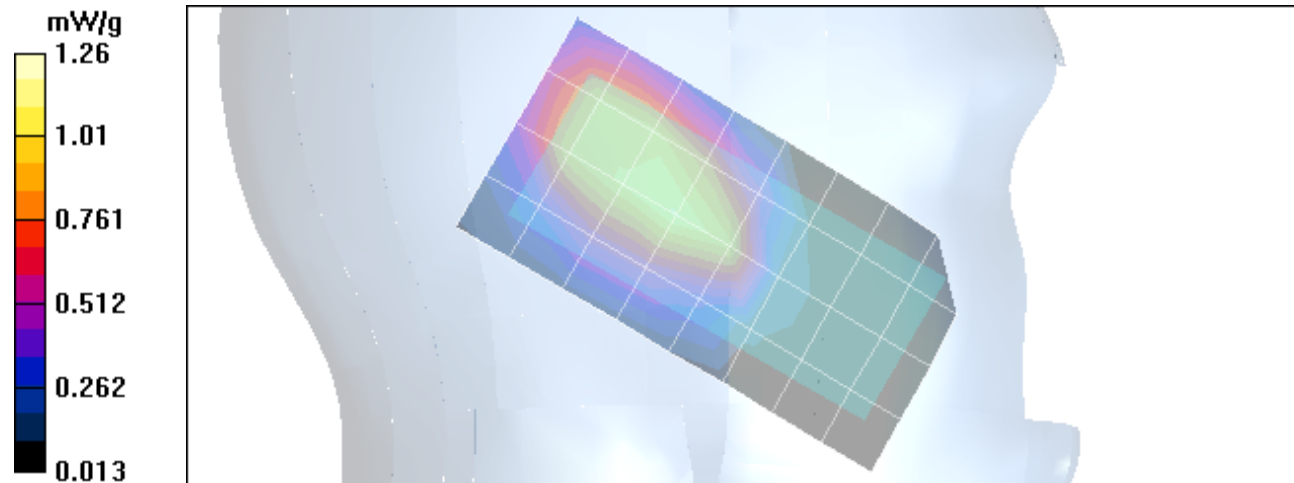
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.731 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.26 mW/g



Date: 11/16/04

RH-66, AMPS, Channel 384, Left Cheek Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Left Section

Medium: 835MHz Head, Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³; Temperature: 21.0

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

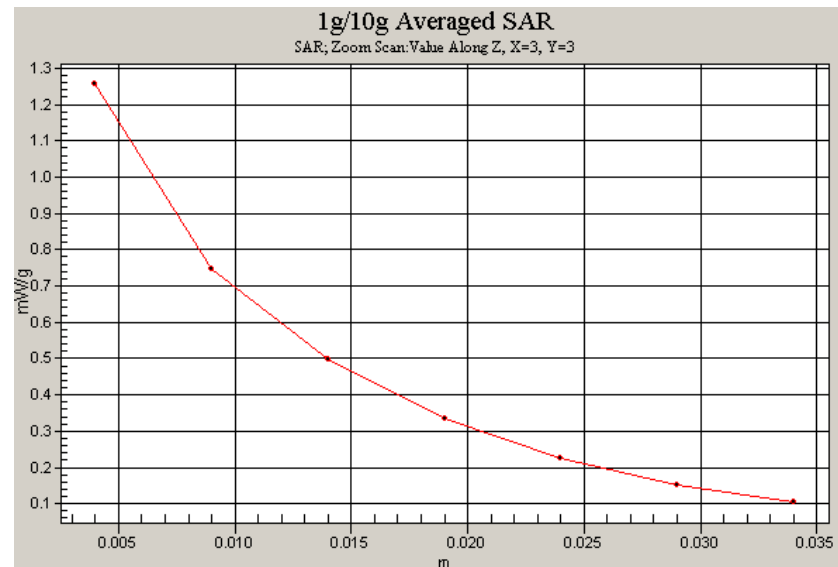
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.731 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.26 mW/g



Date: 11/17/04

RH-66, AMPS, Channel 799, Left Tilt Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Left Section

Medium: 835MHz Head, Frequency: 849.97 MHz, Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 849.97$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³, Temperature: 20.8

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

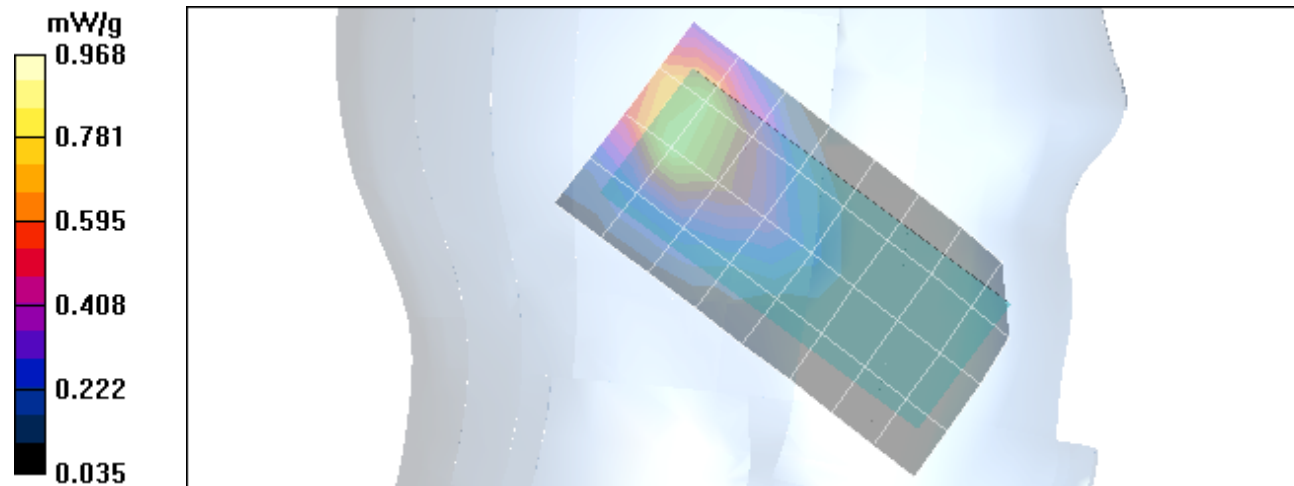
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.3 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.506 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.968 mW/g



Date: 11/16/04

RH-66, AMPS, Channel 384, Right Cheek Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Right Section

Medium: 835MHz Head, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³, Temperature: 21.0

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

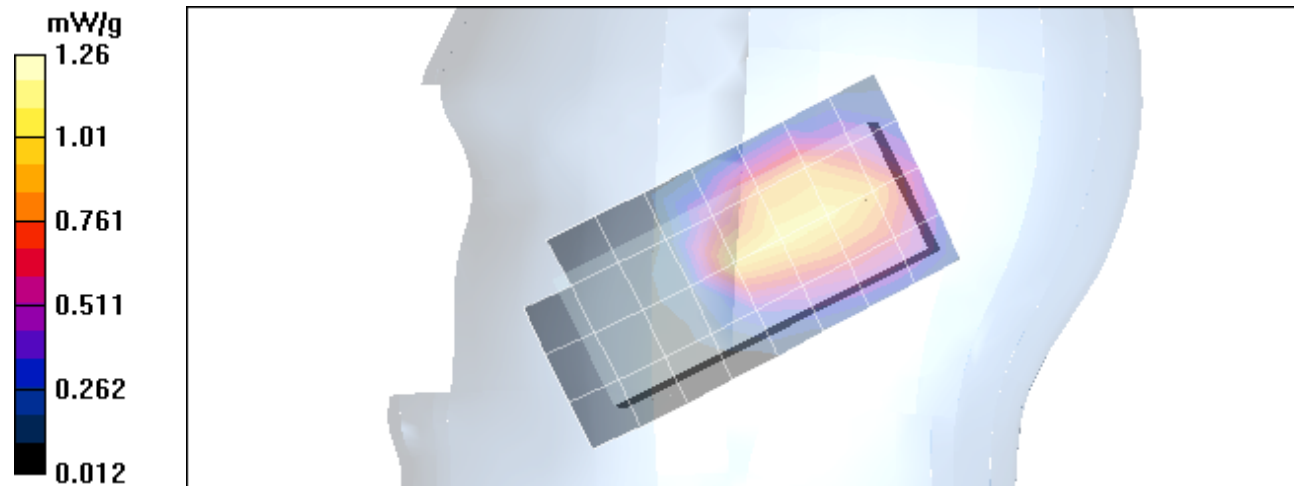
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.6 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.705 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.26 mW/g



Date: 11/16/04

RH-66, AMPS, Channel 384, Right Tilt Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Right Section

Medium: 835MHz Head, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³, Temperature: 21.0

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

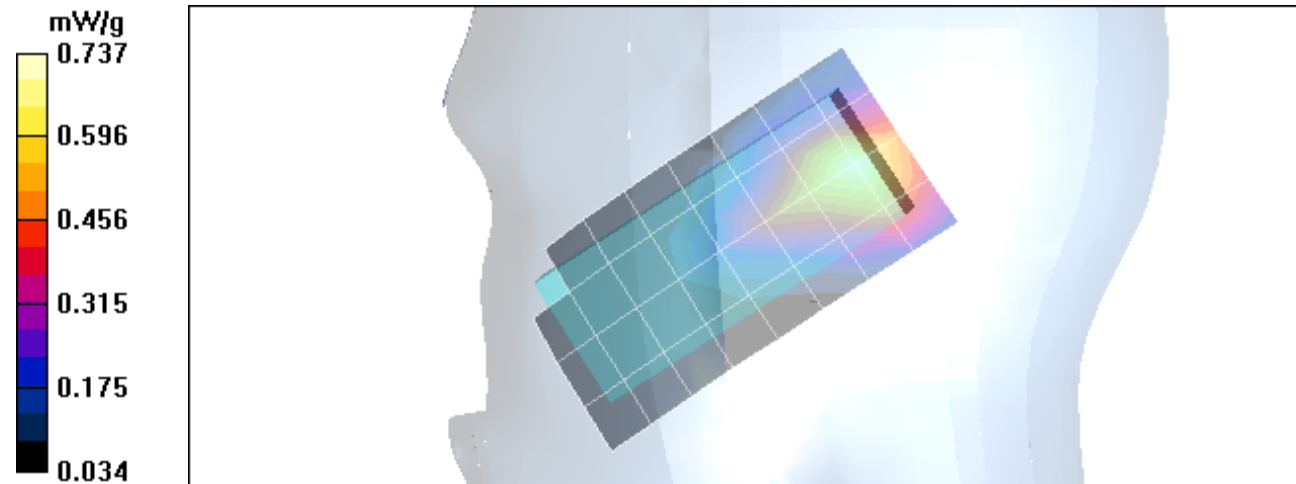
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.400 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.737 mW/g



Date: 11/17/04

RH-66, CDMA800, Channel 777, Left Cheek Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Left Section

Medium: 835MHz Head, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³, Temperature: 20.8

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

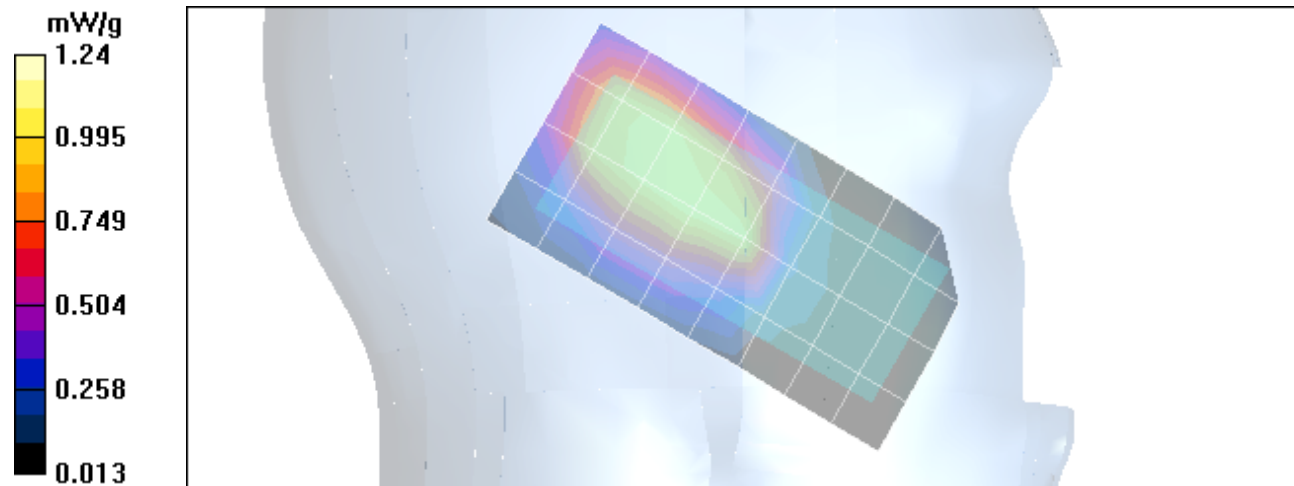
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.750 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.24 mW/g



Date: 11/17/04

RH-66, CDMA800, Channel 777, Left Cheek Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Left Section

Medium: 835MHz Head, Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³; Temperature: 20.8

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

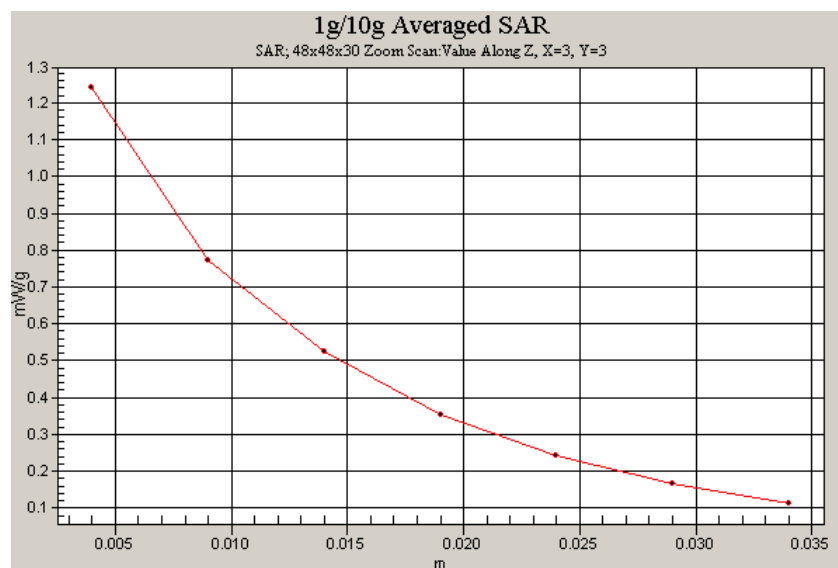
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.750 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.24 mW/g



Date: 11/17/04

RH-66, CDMA800, Channel 777, Left Tilt Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Left Section

Medium: 835MHz Head, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³, Temperature: 20.8

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

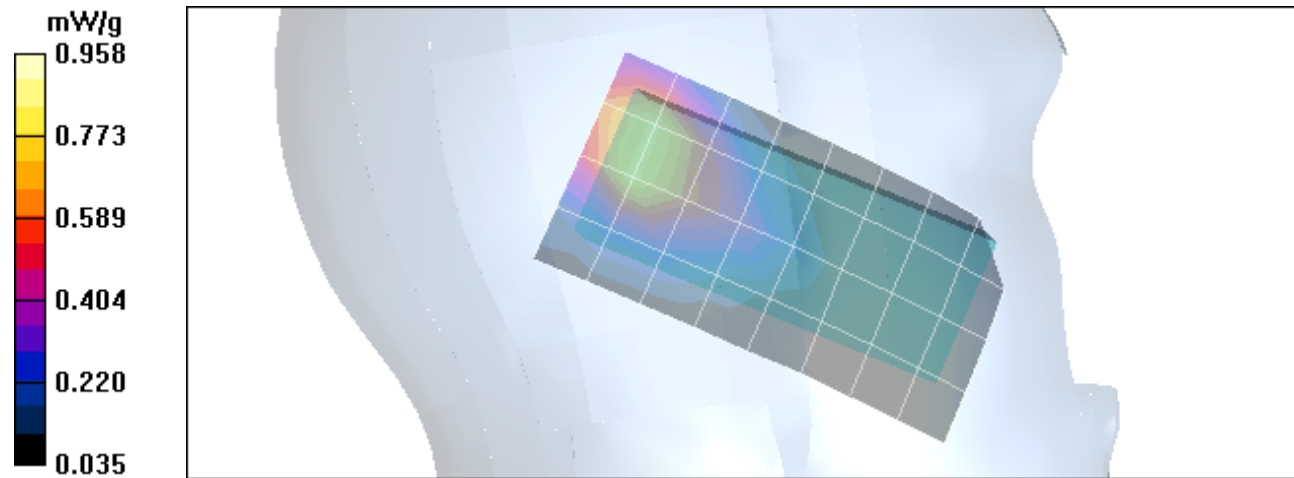
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.6 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.7 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.496 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.958 mW/g



Date: 11/17/04

RH-66, CDMA800, Channel 384, Right Cheek Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Right Section

Medium: 835MHz Head, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³, Temperature: 20.8

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

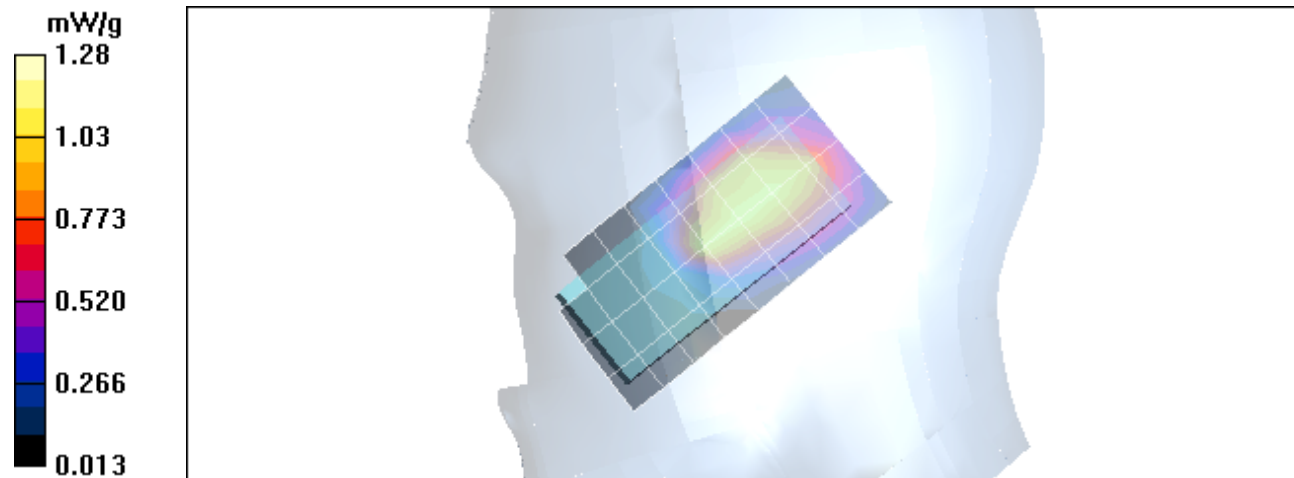
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.7 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 2.4 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.722 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.28 mW/g



Date: 11/17/04

RH-66, CDMA800, Channel 384, Right Tilt Position with BL-6C Battery

Phantom: SAM1 Cellular Head, Phantom section: Right Section

Medium: 835MHz Head, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³, Temperature: 20.8

Probe: ET3DV6 - SN1504, ConvF(6.73, 6.73, 6.73)

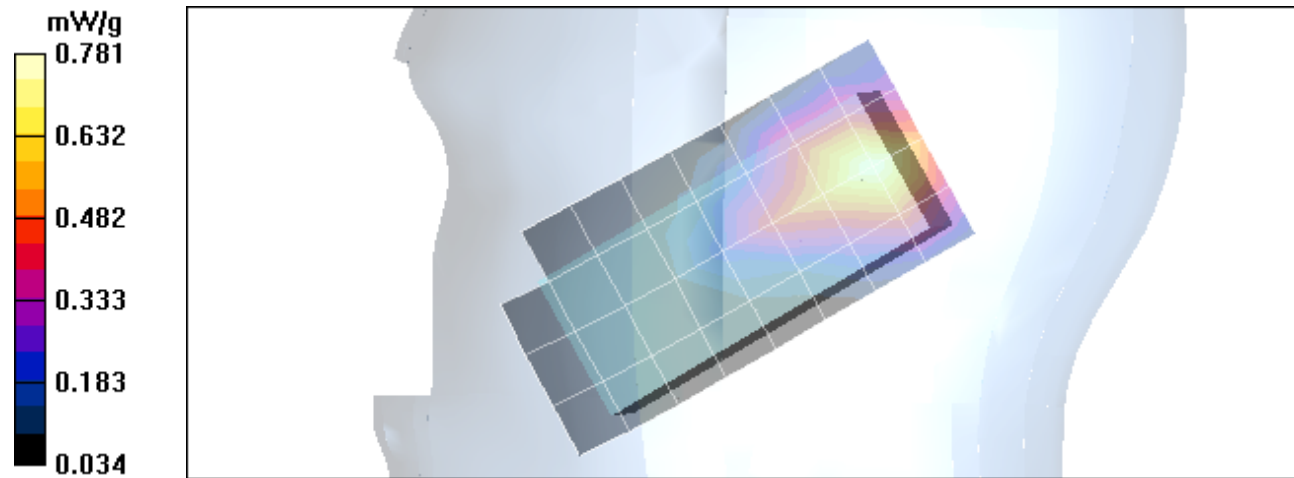
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.7 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.418 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.781 mW/g



Date: 11/18/04

RH-66, CDMA1900, Channel 600, Left Cheek Position with BL-6C Battery

Phantom: SAM3 PCS Head and Body, Phantom section: Left Section

Medium: 1900MHz Head, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³, Temperature: 20.9

Probe: ET3DV6 - SN1504, ConvF(5.13, 5.13, 5.13)

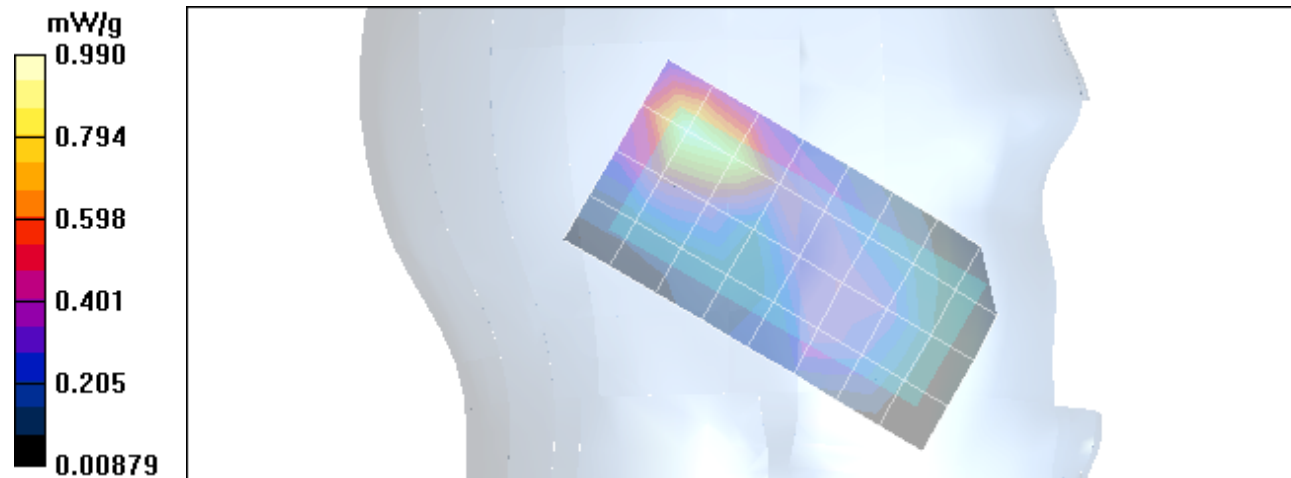
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.501 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.990 mW/g



Date: 11/18/04

RH-66, CDMA1900, Channel 600, Left Tilt Position with BL-6C Battery

Phantom: SAM3 PCS Head and Body, Phantom section: Left Section

Medium: 1900MHz Head, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³, Temperature: 20.9

Probe: ET3DV6 - SN1504, ConvF(5.13, 5.13, 5.13)

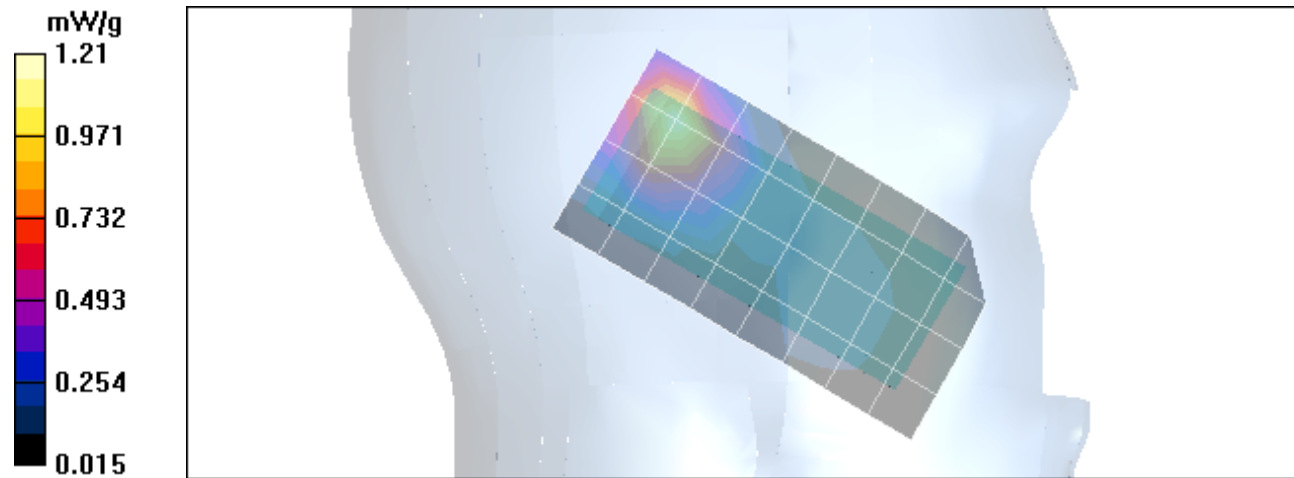
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.563 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.21 mW/g



Date: 11/18/04

RH-66, CDMA1900, Channel 600, Left Tilt Position with BL-6C Battery

Phantom: SAM3 PCS Head and Body, Phantom section: Left Section

Medium: 1900MHz Head, Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³; Temperature: 20.9

Probe: ET3DV6 - SN1504, ConvF(5.13, 5.13, 5.13)

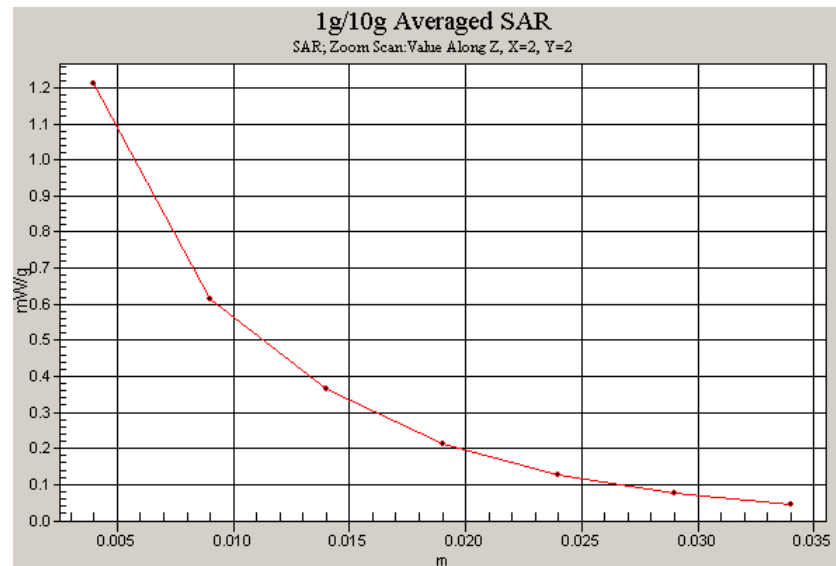
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.563 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.21 mW/g



Date: 11/18/04

RH-66, CDMA1900, Channel 25, Right Cheek Position with BL-6C Battery

Phantom: SAM3 PCS Head and Body, Phantom section: Right Section

Medium: 1900MHz Head, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³, Temperature: 20.9

Probe: ET3DV6 - SN1504, ConvF(5.13, 5.13, 5.13)

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.407 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.835 mW/g

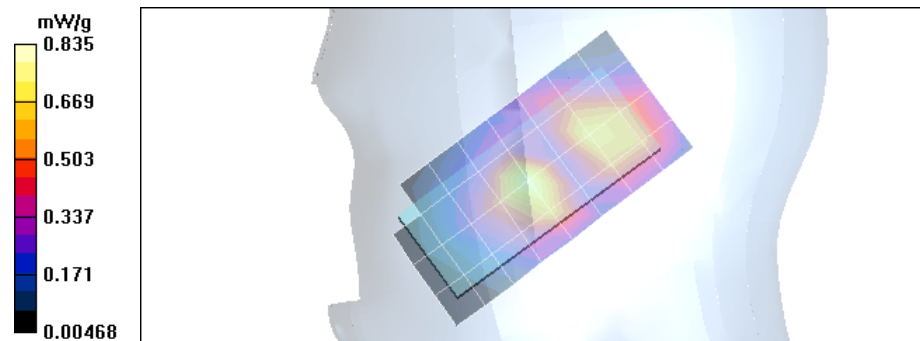
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.390 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.727 mW/g



Date: 11/18/04

RH-66, CDMA1900, Channel 600, Right Tilt Position with BL-6C Battery

Phantom: SAM3 PCS Head and Body, Phantom section: Right Section

Medium: 1900MHz Head, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³, Temperature: 20.9

Probe: ET3DV6 - SN1504, ConvF(5.13, 5.13, 5.13)

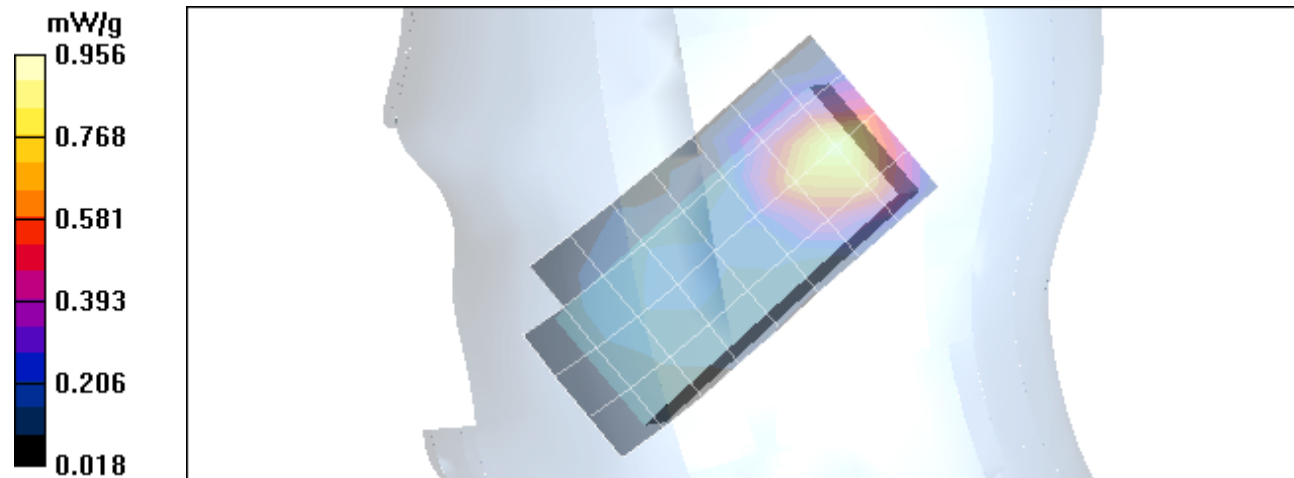
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.473 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.956 mW/g



Date: 11/19/04

RH-66, AMPS, Channel 991, Flat Position with 2.2cm Spacer and BL-6C Battery

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 824.04 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.04$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³, Temperature: 21.2

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

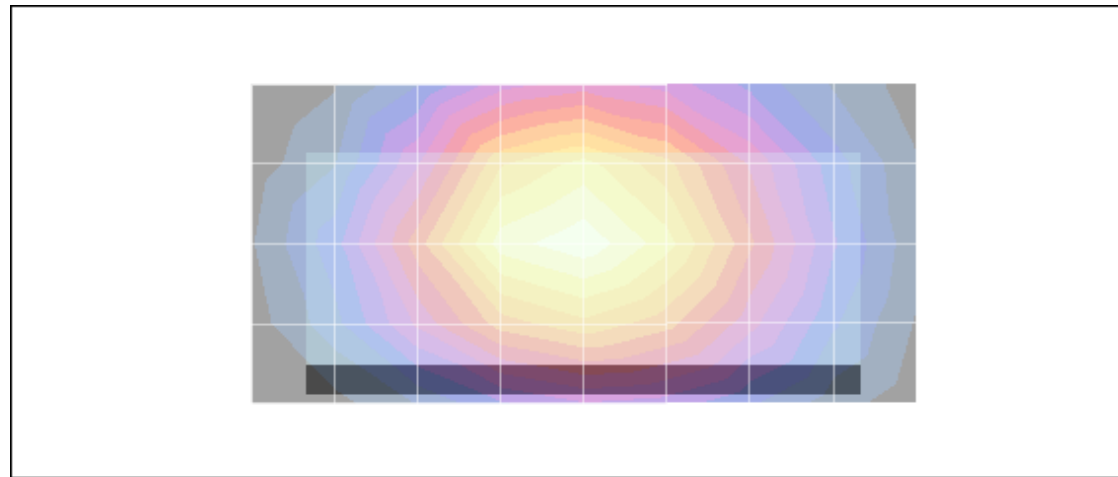
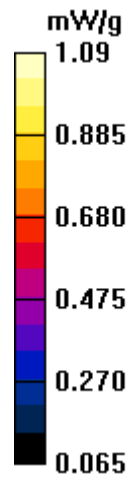
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.724 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.09 mW/g



Date: 11/19/04

RH-66, AMPS, Channel 991, Flat Position with 2.2cm Spacer and BL-6C Battery

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 824.04 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.04$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³; Temperature: 21.2

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

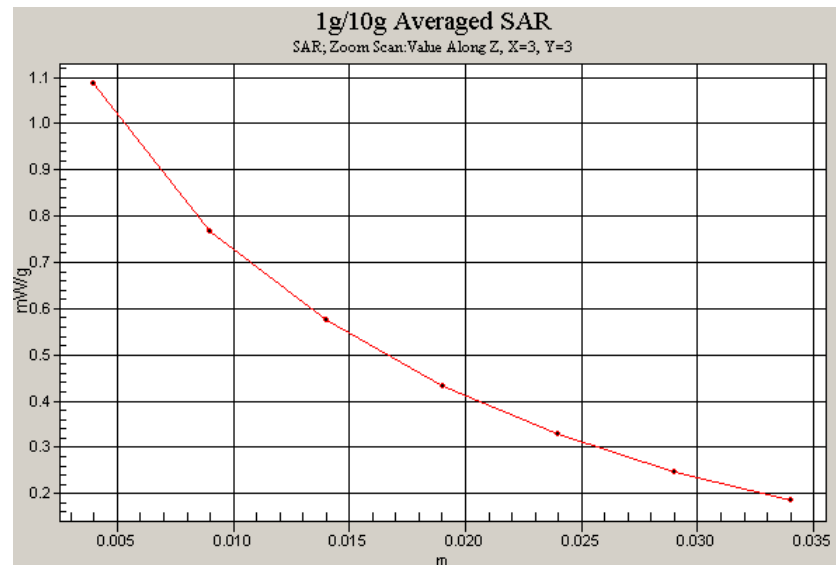
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.724 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.09 mW/g



Date: 11/19/04

RH-66, AMPS, Channel 384, Flat Position with 2.2cm Spacer, BL-6C Battery and HS-3 Headset

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.945$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³, Temperature: 21.2

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

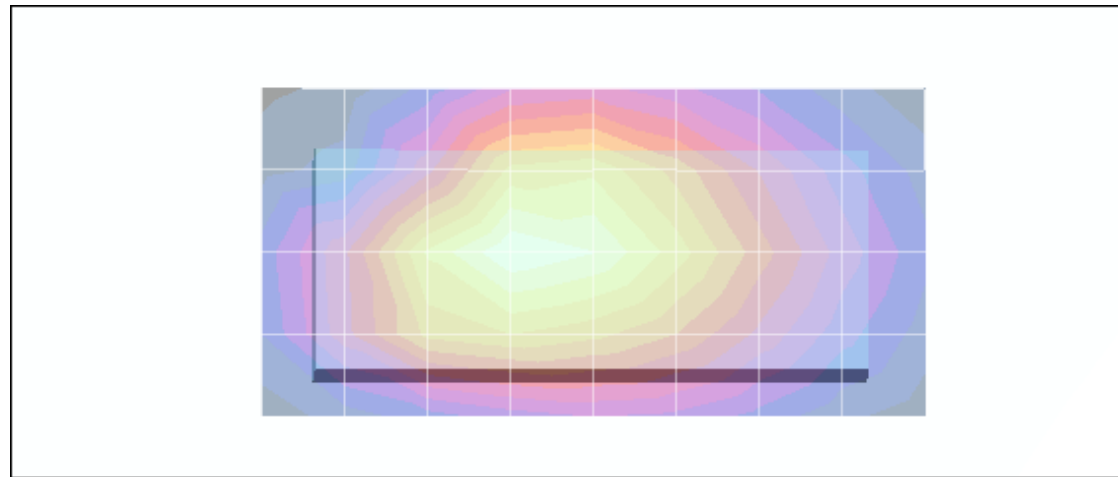
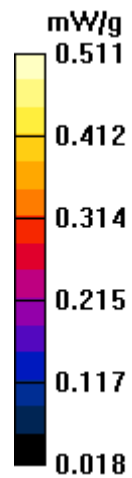
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.337 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.511 mW/g



Date: 11/19/04

RH-66, CDMA800, Channel 1013, Flat Position with 2.2cm Spacer and BL-6C Battery

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³, Temperature: 21.2

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

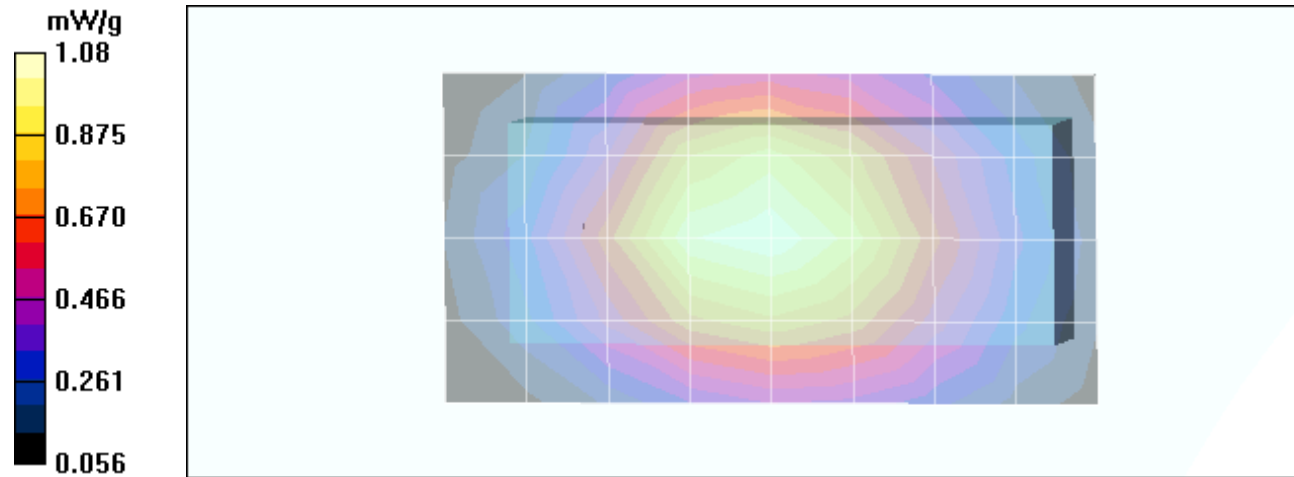
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.721 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.08 mW/g



Date: 11/19/04

RH-66, CDMA800, Channel 1013, Flat Position with 2.2cm Spacer and BL-6C Battery

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³; Temperature: 21.2

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

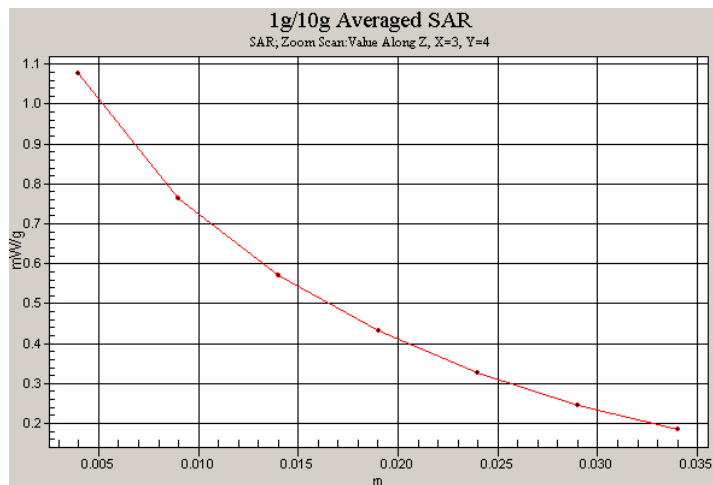
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.721 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 1.08 mW/g



Date: 11/19/04

RH-66, CDMA800, Channel 384, Flat Position with 2.2cm Spacer, BL-6C Battery and HS-3 Headset

Phantom: SAM2 Cellular Body, Phantom section: Flat Section

Medium: 835MHz Body, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.945$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³, Temperature: 21.2

Probe: ET3DV6 - SN1504, ConvF(6.3, 6.3, 6.3)

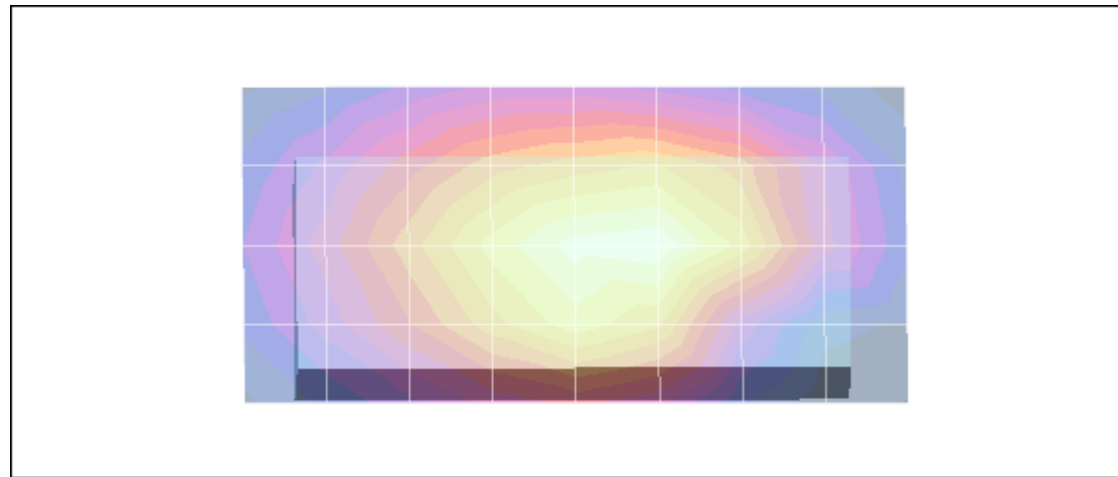
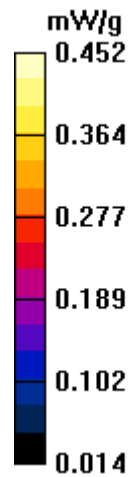
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.299 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.452 mW/g



Date: 11/22/04

RH-66, CDMA1900, Channel 25, Flat Position with 2.2cm Spacer and BL-6C Battery

Phantom: SAM3 PCS Head and Body, Phantom section: Flat Section

Medium: 1900MHz Body, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³, Temperature: 19.1

Probe: ET3DV6 - SN1504, ConvF(4.56, 4.56, 4.56)

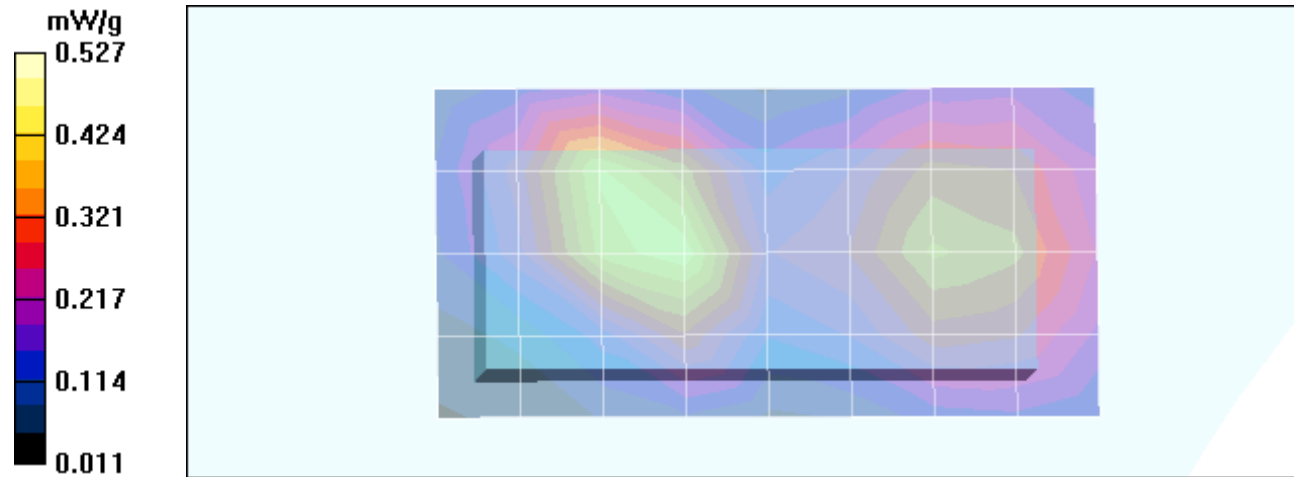
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.276 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.527 mW/g



Date: 11/22/04

RH-66, CDMA1900, Channel 25, Flat Position with 2.2cm Spacer and BL-6C Battery

Phantom: SAM3 PCS Head and Body, Phantom section: Flat Section

Medium: 1900MHz Body, Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³; Temperature: 19.1

Probe: ET3DV6 - SN1504, ConvF(4.56, 4.56, 4.56)

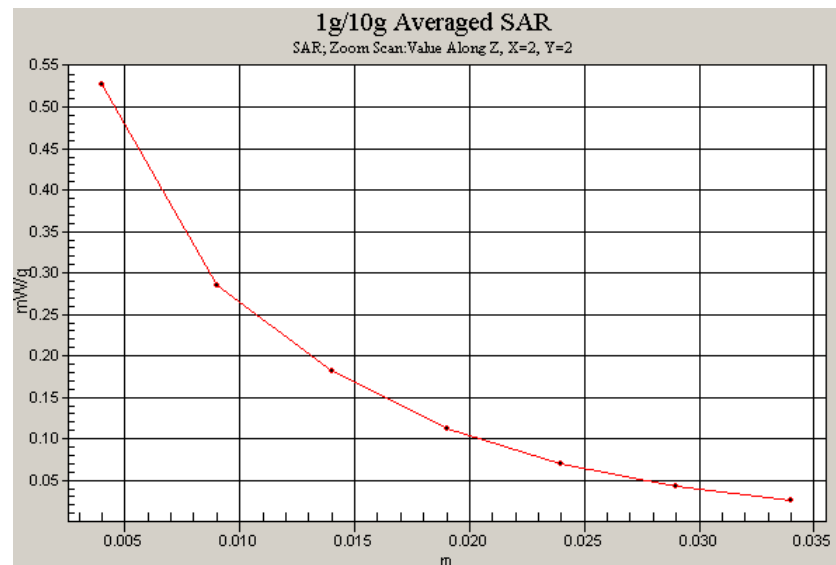
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.276 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.527 mW/g



Date: 11/22/04

RH-66, CDMA1900, Channel 600, Flat Position with 2.2cm Spacer, BL-6C Battery and HS-3 Headset

Phantom: SAM3 PCS Head and Body, Phantom section: Flat Section

Medium: 1900MHz Body, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³, Temperature: 19.1

Probe: ET3DV6 - SN1504, ConvF(4.56, 4.56, 4.56)

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.270 mW/g (Worst Case Extrapolation)

Maximum value of SAR (measured) = 0.513 mW/g

