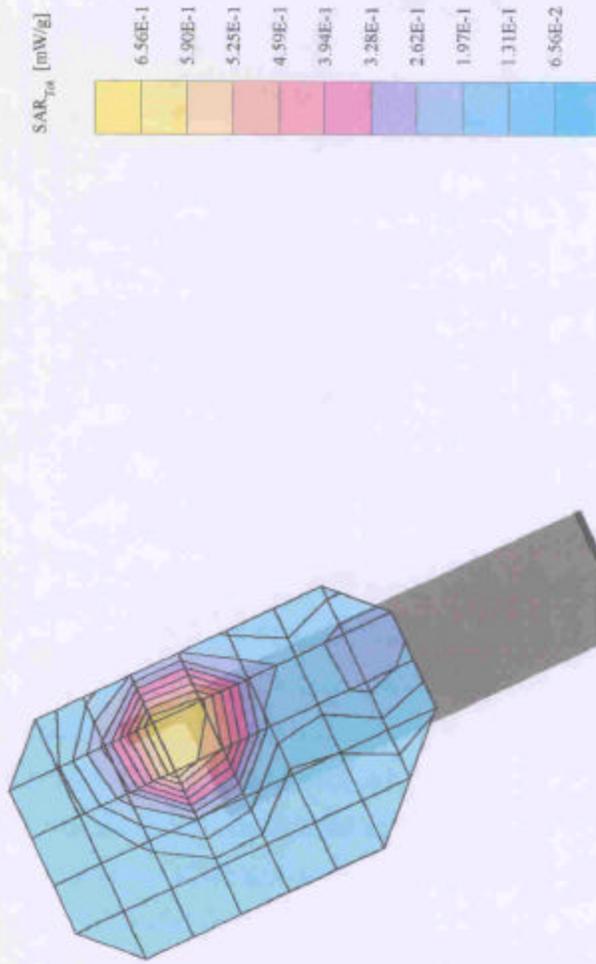


04/25/01

Sharp TQ-CX1

Generic Twin Phantom, Right Hand Section, Position: (80°, 65°); Frequency: 824 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 825 MHz; $\sigma = 0.75$ mho/m; $\epsilon_r = 46.5$; $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.802 mW/g; SAR (10g): 0.533 mW/g; (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Power/dB: -0.06 dB; One Touch

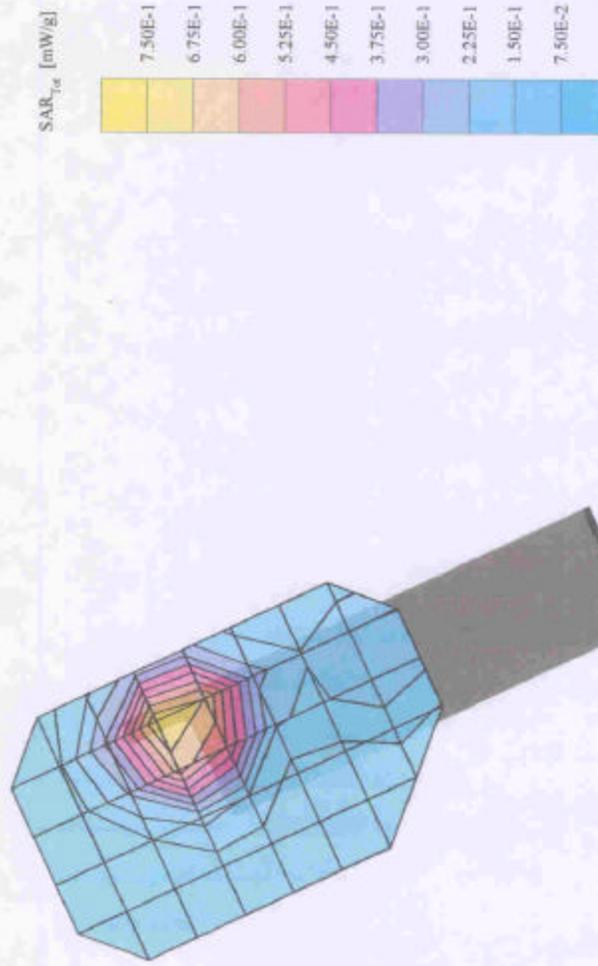


04/25/01

Sharp TQ-CX1

Generic: Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 835 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 835 MHz; $\sigma = 0.77$ mho/m, $\epsilon_r = 46.6$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.865 mW/g, SAR (10g): 0.573 mW/g. (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Power/drift: -0.02 dB, One Touch

2

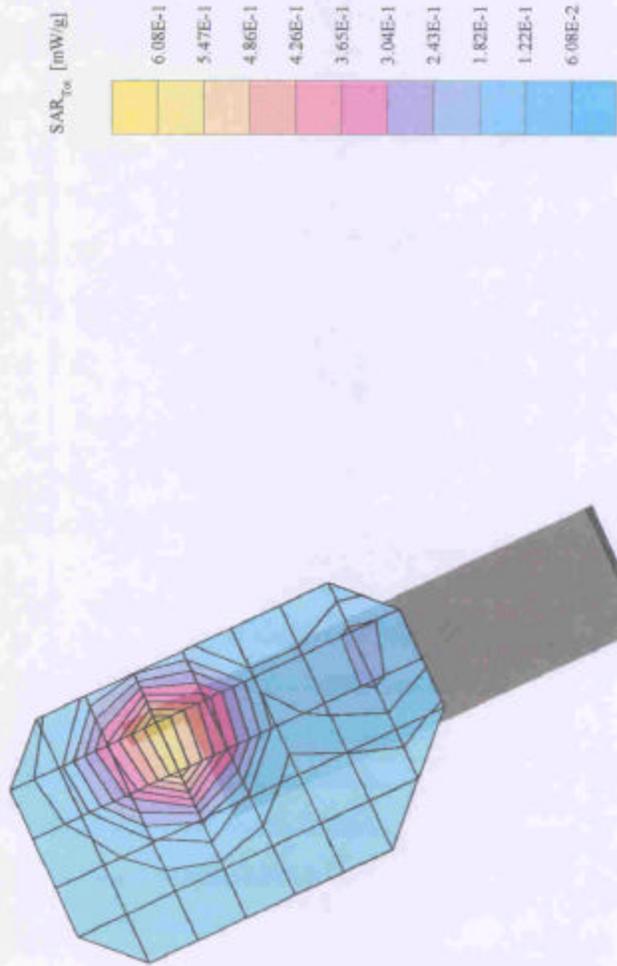


04/25/01

3

Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 849 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70); Crest factor: 1.0; Brain 849 MHz; $\sigma = 0.77$ mho/m $\epsilon_r = 46.4$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.692 mW/g; SAR (10g): 0.459 mW/g. (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.12 dB; One Touch

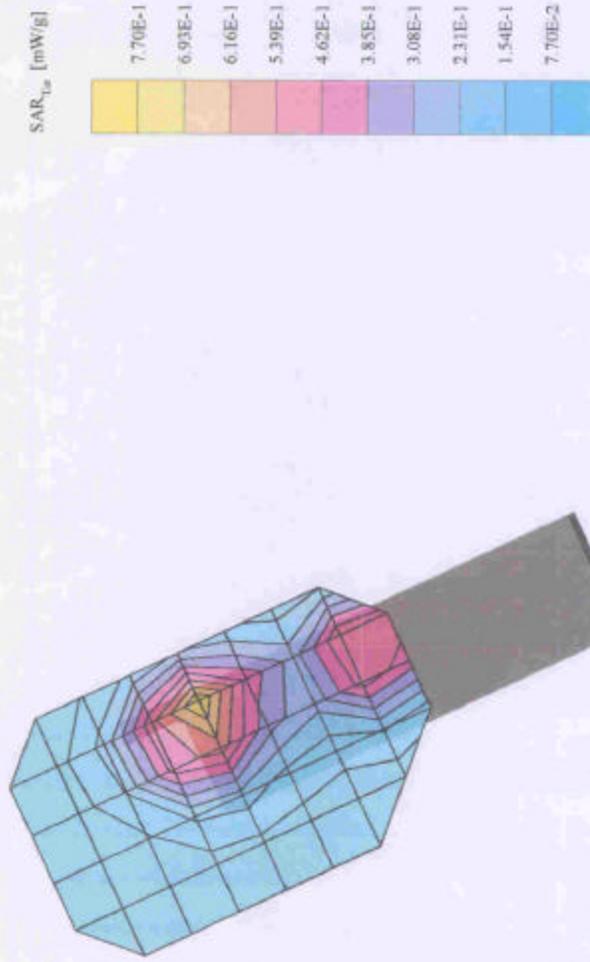


04/25/01

4

Sharp TQ-CX1

Generic Twin Phantom, Right Hand Section, Position: (80°, 65°), Frequency: 824 MHz
Probe: ET3DV4 - SN1122, ConvF(5.70, 5.70, 5.70), Crest factor: 1.0, Brain 825 MHz: $\sigma = 0.75$ mho/m, $\epsilon_r = 46.5$, $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.814 mW/g, SAR (10g): 0.539 mW/g, SAR (10g): 0.539 mW/g, (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB, Two Touch

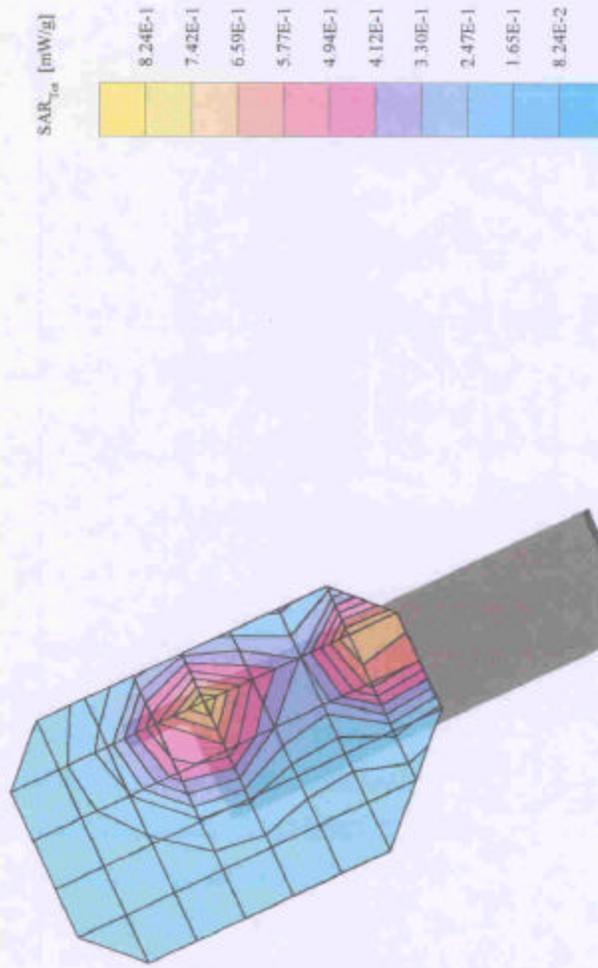


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5

Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 835 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brin 835 MHz; $\sigma = 0.77$ mho/m, $\epsilon_r = 46.6$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.898 mW/g; SAR (10g): 0.613 mW/g * Max outside; (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.03 dB; Two touch

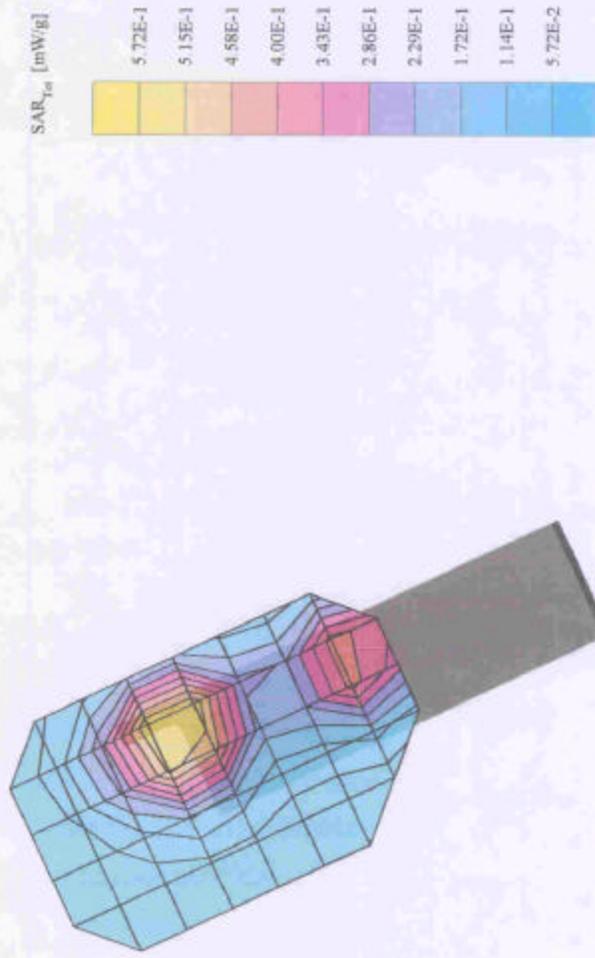


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#6

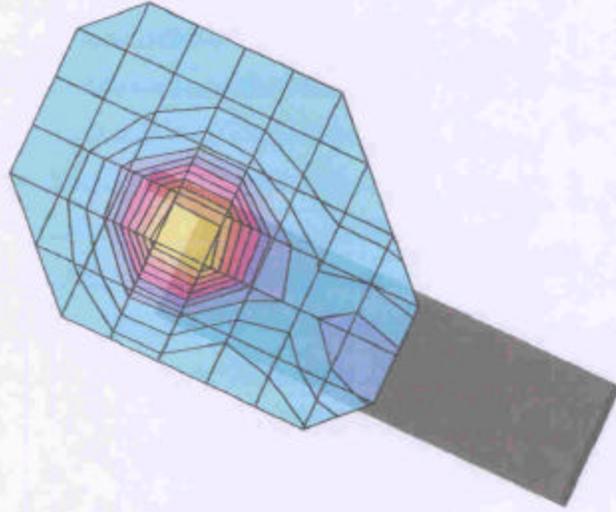
Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 849 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70); Crest factor: 1.0; Brain 849 MHz; $\sigma = 0.77$ mho/m $\epsilon_r = 46.4$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g) 0.692 mW/g; SAR (10g) 0.456 mW/g; (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.31 dB; Two Touch

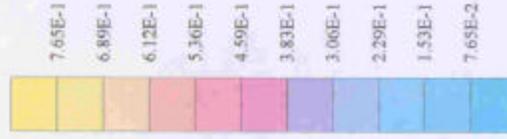


Sharp TQ-CX1

Generic Twin Phantom, Left Hand, X Section, Position: (80°, 65°), Frequency: 824 MHz
 Probe: ET3DV4 - SN 1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 825 MHz, $\sigma = 0.75$ mho/m, $\epsilon_r = 46.5$, $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.958 mW/g, SAR (10g): 0.625 mW/g, SAR (Worst-case extrapolation)
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdrift: -0.07 dB, One Touch

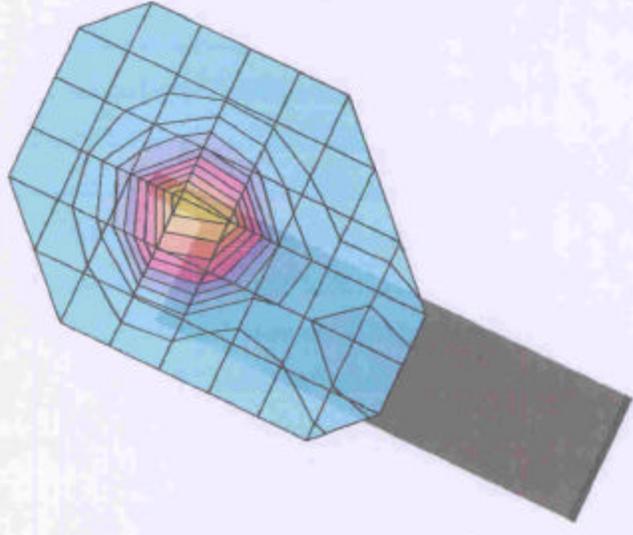


SAR_{1g} [mW/g]



Sharp TQ-CX1

Generic Twin Phantoms; Left Hand_X Section; Position: (80°, 65°); Frequency: 835 MHz
Probe: ET3DV4 - SN1122; ComF(5.70, 5.70); Crest factor: 1.0; Brain 835 MHz; $\sigma = 0.77$ mho/in $\epsilon_r = 46.6$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.13 mW/g; SAR (10g): 0.732 mW/g; (Worst-case extrapolation)
Coarse Dx = 20.0; Dy = 20.0; Dz = 10.0
Power/drift: -0.04 dB; One Touch



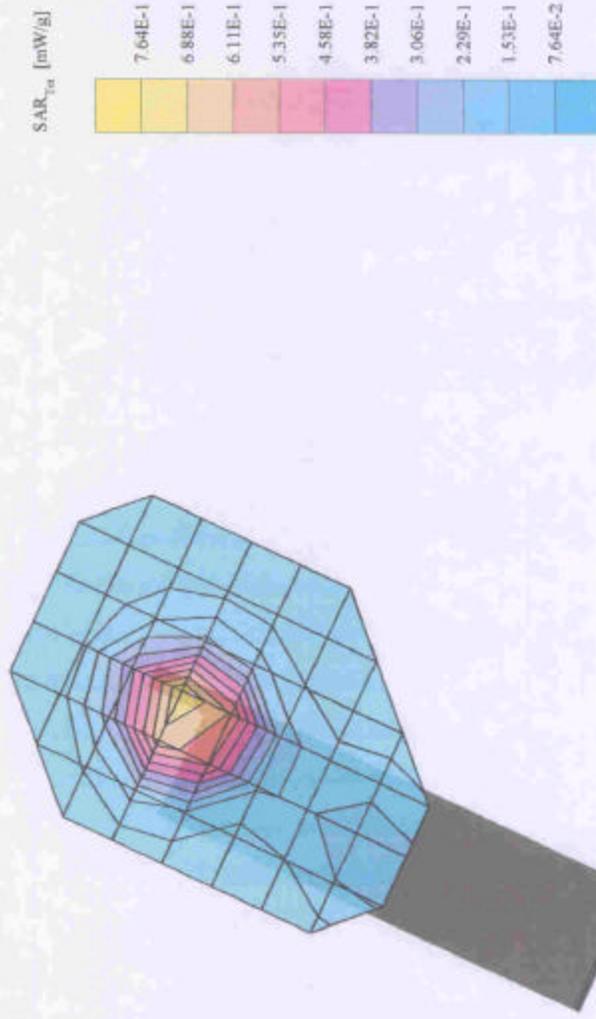
SAR_{10g} [mW/g]



04/25/01

Sharp TQ-CX1

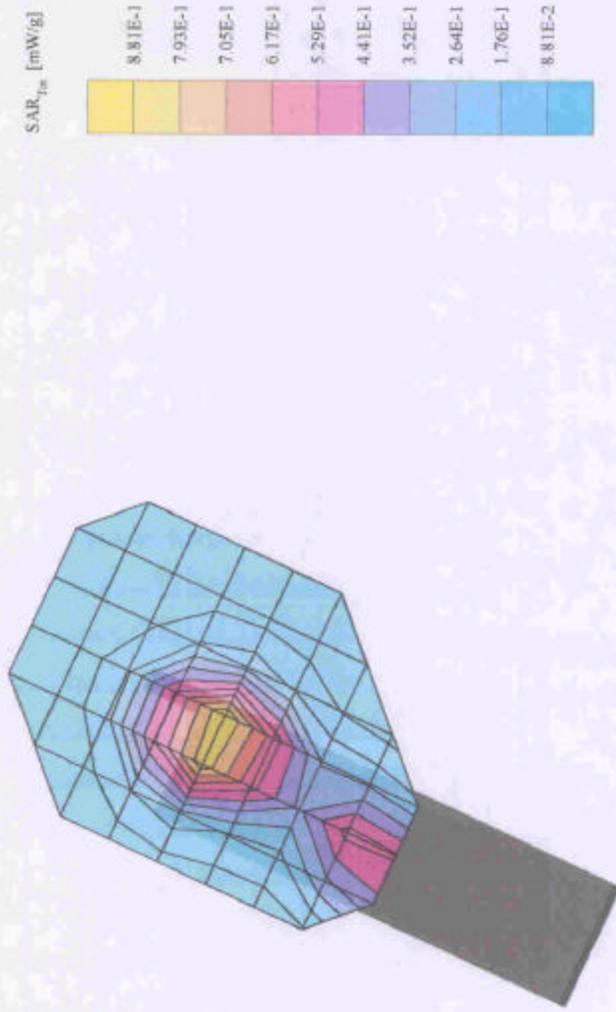
Generic Twin Phantom; Left Hand - X Section; Position: (80°, 65°); Frequency: 849 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 849 MHz; $\sigma = 0.77$ mho/m $\rho = 46.4$ g/cm³
Cube 5x5x7; SAR (1g): 0.873 mW/g; SAR (10g): 0.568 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.17 dB; One Touch



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Sharp TQ-CX1

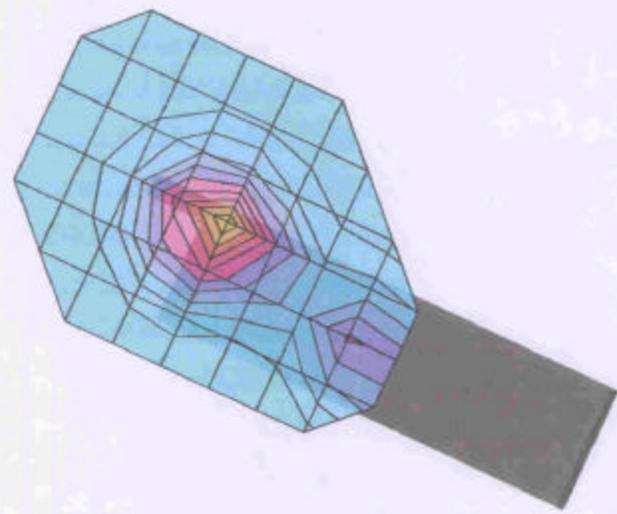
Generic Twin Phantom; Left Hand - X Section; Position: (80°, 65°); Frequency: 824 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 825 MHz; $\sigma = 0.75$ mho/m $\rho = 46.5$ g/cm³
Cube 5x5x7; SAR (1g): 1.06 mW/g; SAR (10g): 0.681 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB; Two Touch



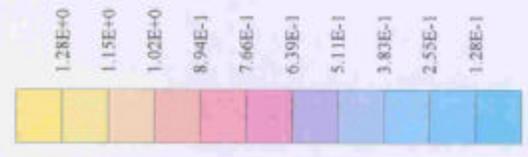
04/25/01

Sharp TQ-CX1

Generic Twin Phantom, Left Hand, X Section, Position: (80°, 65°); Frequency: 835 MHz
Probe: ET3DV4 - SN 1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 835 MHz; $\sigma = 0.77$ mho/m $\mu_r = 46.6$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1a): 1.29 mW/g; SAR (10g): 0.825 mW/g; (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.02 dB; Two Touch



SAR_{1m} [mW/g]

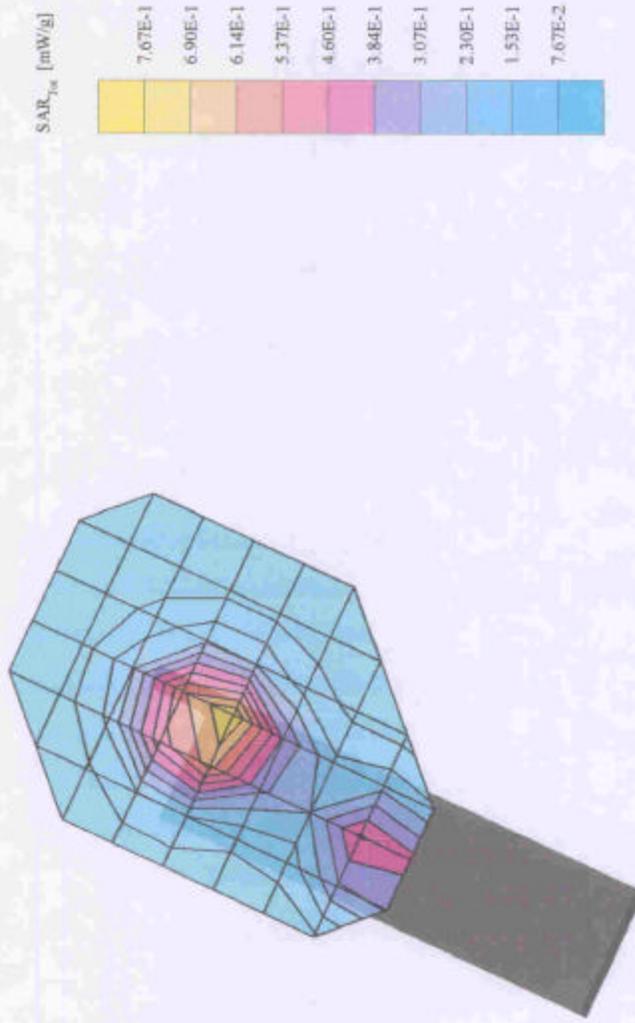


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#12

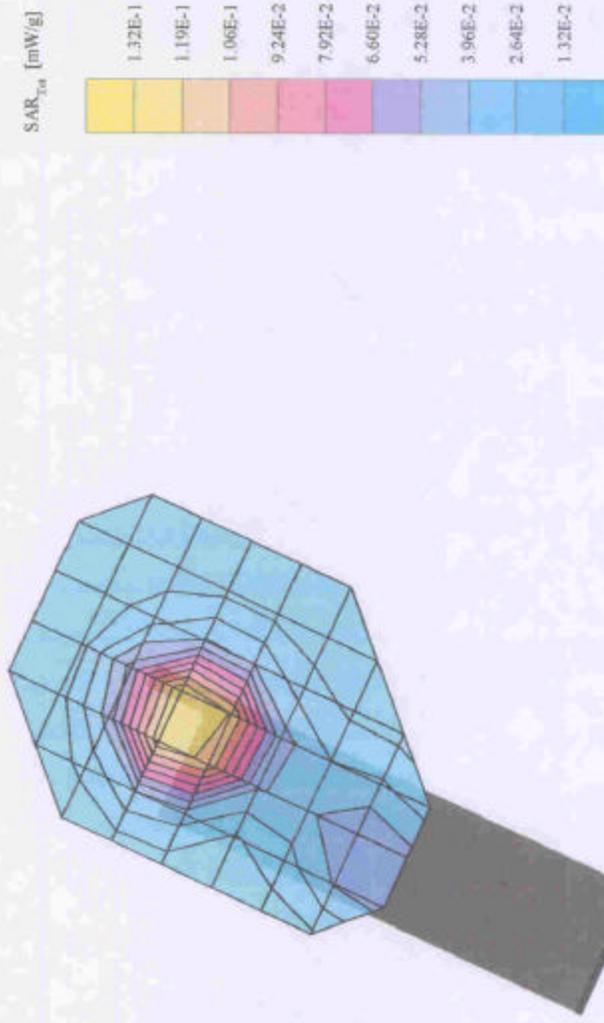
Sharp TQ-CX1

Generic Twin Phantom; Left Hand - X Section; Position: (80°, 65°); Frequency: 849 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70); Crest factor: 1.0; Brain 849 MHz: $\sigma = 0.77$ mho/m $\epsilon_s = 46.4$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.892 mW/g, SAR (10g): 0.570 mW/g. (Worst-case extrapolation)
Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$
Powerdrift: 0.01 dB; Two Touch



Sharp TQ-CX1

Generic Twin Phantom, Left Hand_X Section; Position: (80°, 65°); Frequency: 824 MHz
 Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 825 MHz; $\sigma = 0.75$ mho/m $\epsilon_r = 46.5$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.165 mW/g; SAR (10g): 0.109 mW/g. (Worst-case extrapolation)
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdrift: -0.16 dB; CDMA, one Touch

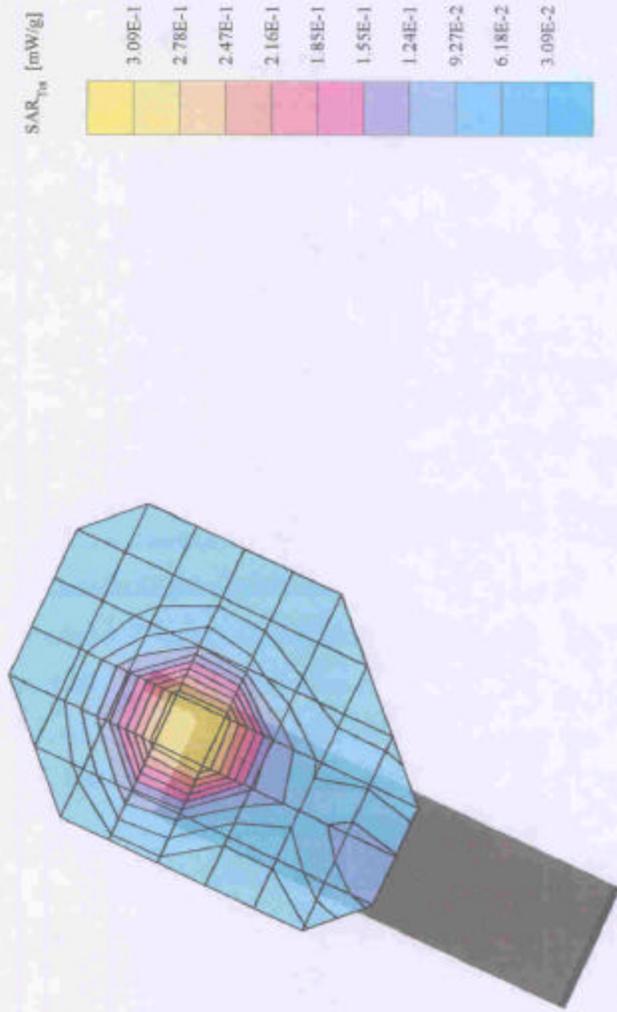


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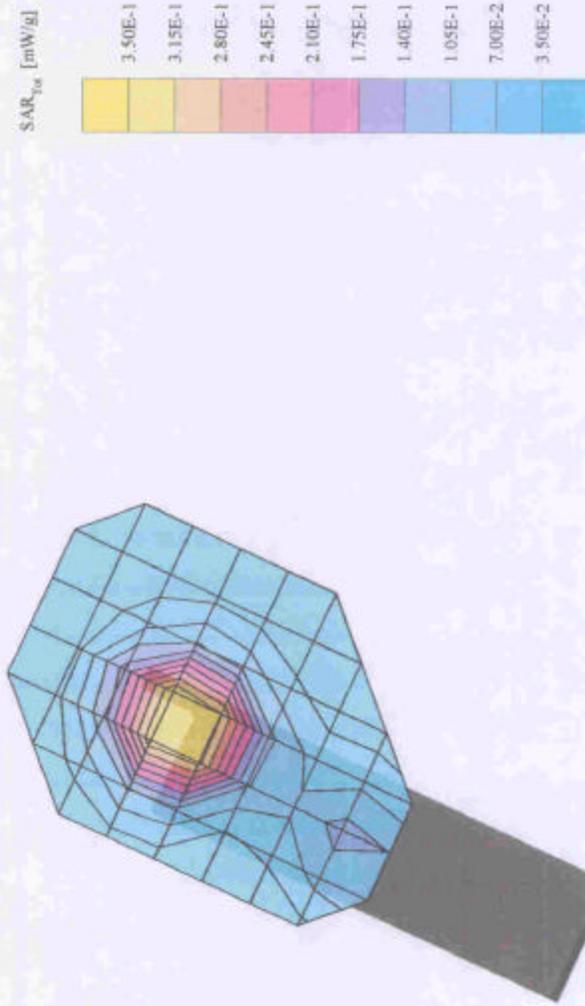
Sharp TQ-CX1

Generic Twin Phantom; Left Hand_X Section; Position: (80°, 65°); Frequency: 837 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 835 MHz; $\sigma = 0.77$ micro/m $\epsilon_r = 46.6$ $\rho = 1.00$ g/cm³
Cube 5.65x7; SAR (1g): 0.409 mW/g, SAR (10g): 0.273 mW/g, (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB; CDMA, One Touch



Sharp TQ-CX1

Generic Twin Phantom; Left Hand; X Section; Position: (80°, 65°); Frequency: 849 MHz
 Probe: ET33DV4 - SN1122; ConvF(5.70, 5.70); Crest factor: 1.0; Brain 849 MHz; $\sigma = 0.77$ mho/m $\epsilon_r = 46.4$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.446 mW/g; SAR (10g): 0.292 mW/g. (Worst-case extrapolation)
 Coarse: Dx = 20.0; Dy = 20.0; Dz = 10.0
 Powerdrift: -0.08 dB; CDMA, One Touch

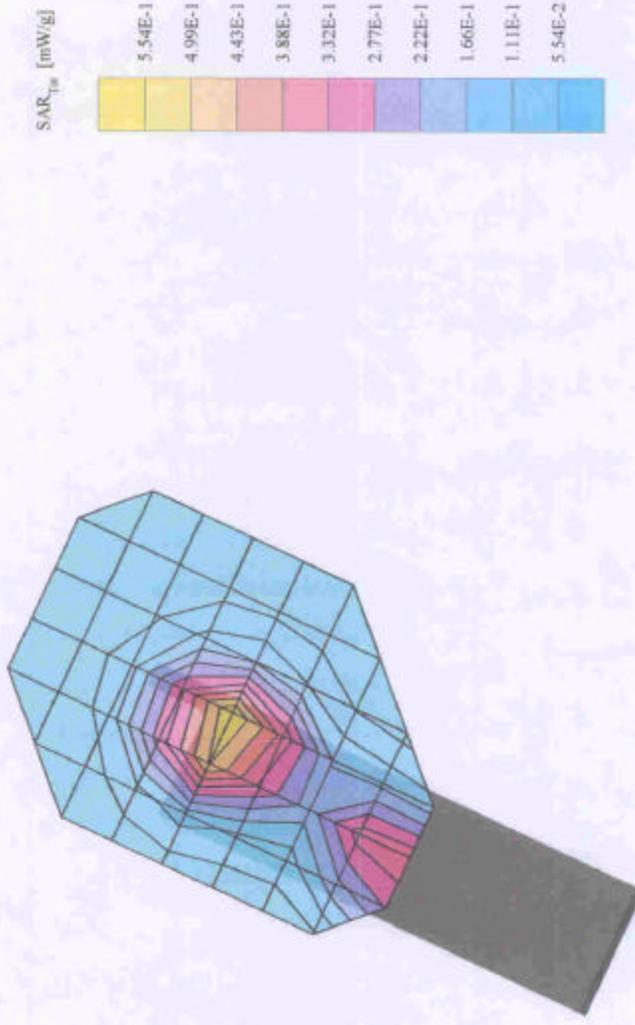


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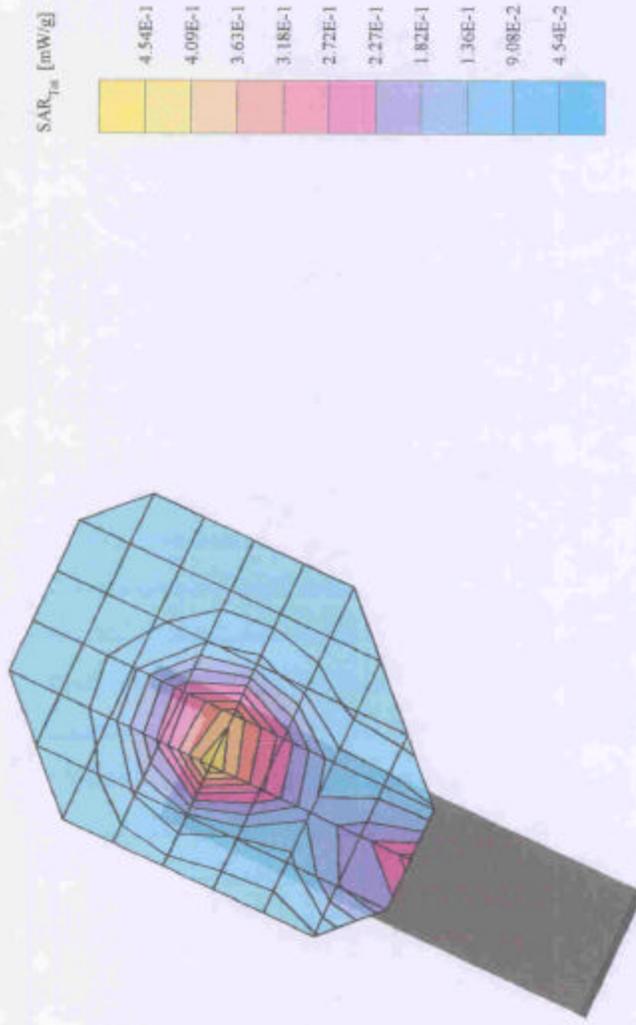
Sharp TQ-CX1

Generic Twin Phantom; Left Hand_X Section; Position: (80°,65°); Frequency: 824 MHz;
Probe: ET3DV4 - SN1122; ConvF(5.70,5.70,5.70); Crest factor: 1.0; Brain 825 MHz; $\sigma = 0.75$ mho/m, $\rho = 46.5$ g/cm³
Cube 5x5x7; SAR (1g): 0.630 mW/g; SAR (10g): 0.411 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.03 dB; Two Touch



Sharp TQ-CX1

Generic Twin Phantom, Left Hand, X Section, Position: (80°, 65°); Frequency: 837 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 835 MHz; $\sigma = 0.77$ mho/m; $\epsilon_r = 46.6$; $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.458 mW/g; SAR (10g): 0.307 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB; CDMA Two Touch

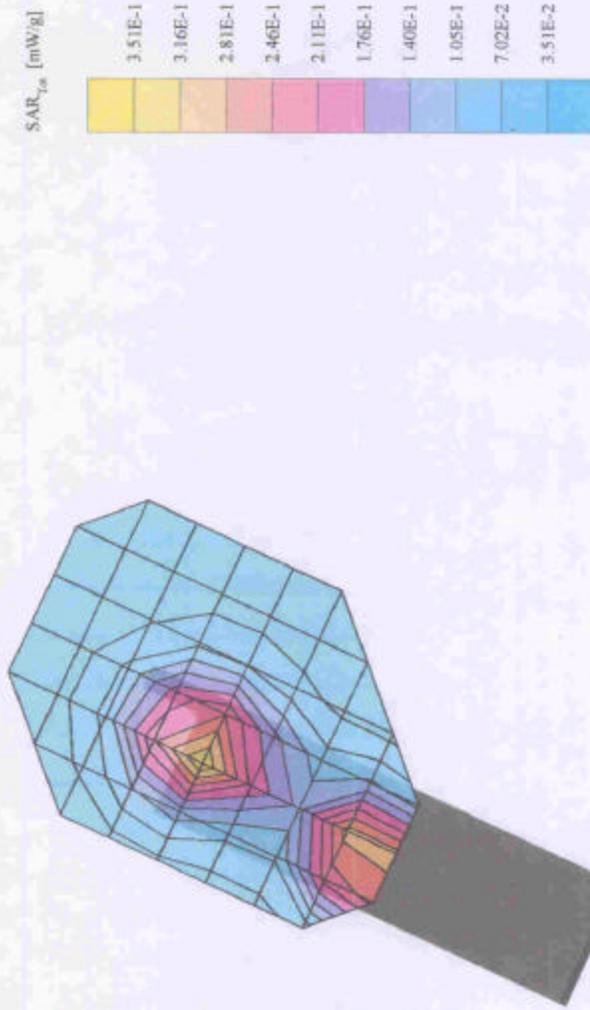


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#1 /S

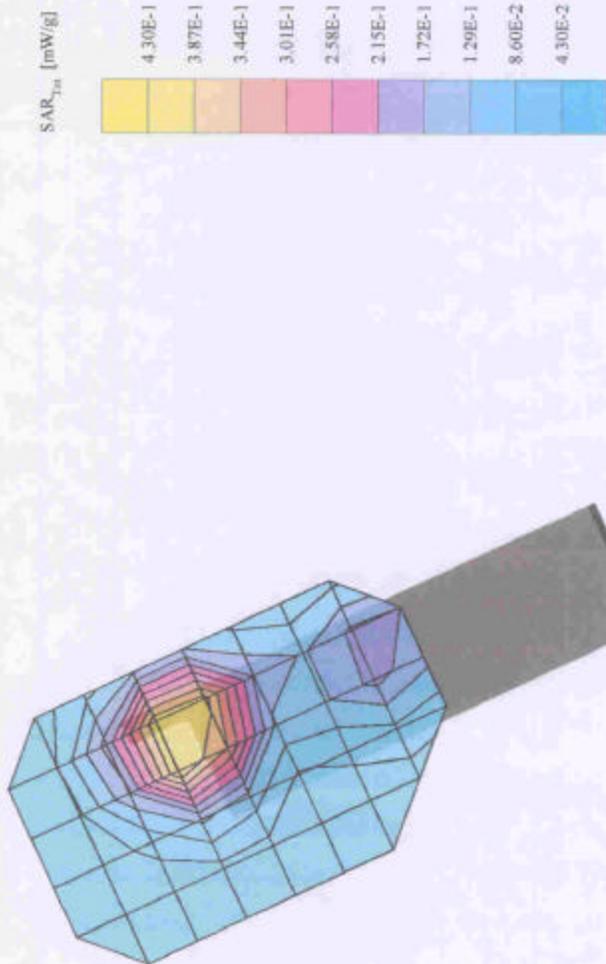
Sharp TQ-CXI

Generic: Twin Phantom; Left Hand_X Section; Position: (80°,65°); Frequency: 849 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70,5.70,5.70); Crest factor: 1.0; Brain 849 MHz; $\sigma = 0.77$ mho/m s, $\rho = 46.4$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 0.366 mW/g; SAR (10g): 0.257 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0; Dy = 20.0; Dz = 10.0
Powerdrift: -0.11 dB; CDMA Two Touch



Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 824 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70); Crest Factor: 1.0; Brain 825 MHz; $\sigma = 0.75$ mho/m $\epsilon_r = 46.5$ $\rho = 1.00$ g/cm³
Cube 3x3x7; SAR (1g): 0.496 mW/g; SAR (10g): 0.329 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.37 dB, CDMA One Touch

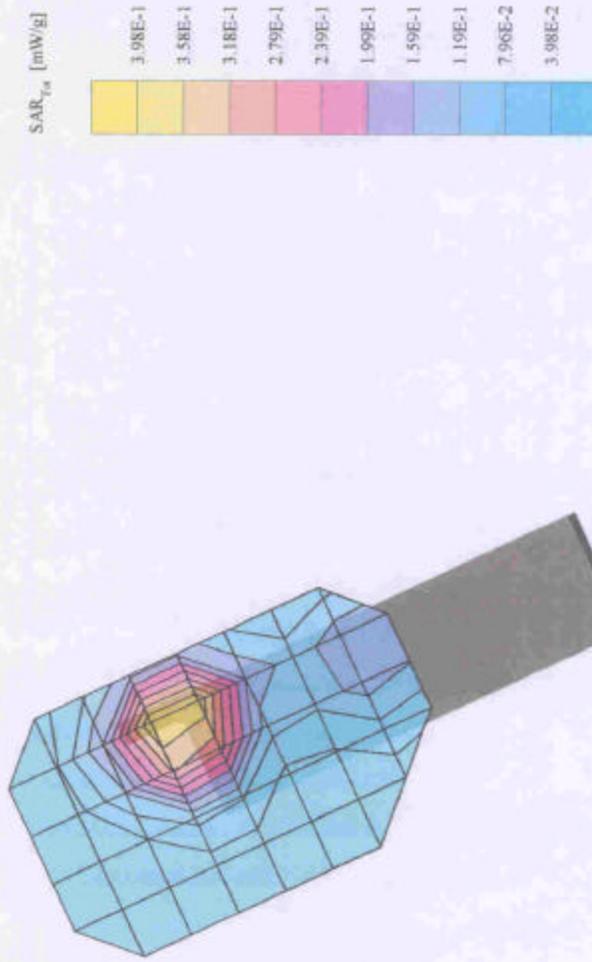


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1-0

Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 837 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70); Crest factor: 1.0; Brain 835 MHz; $\sigma = 0.77$ mho/m $\epsilon_r = 46.6$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.463 mW/g; SAR (10g): 0.307 mW/g. (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdirt: -0.02 dB; CDMA One Touch

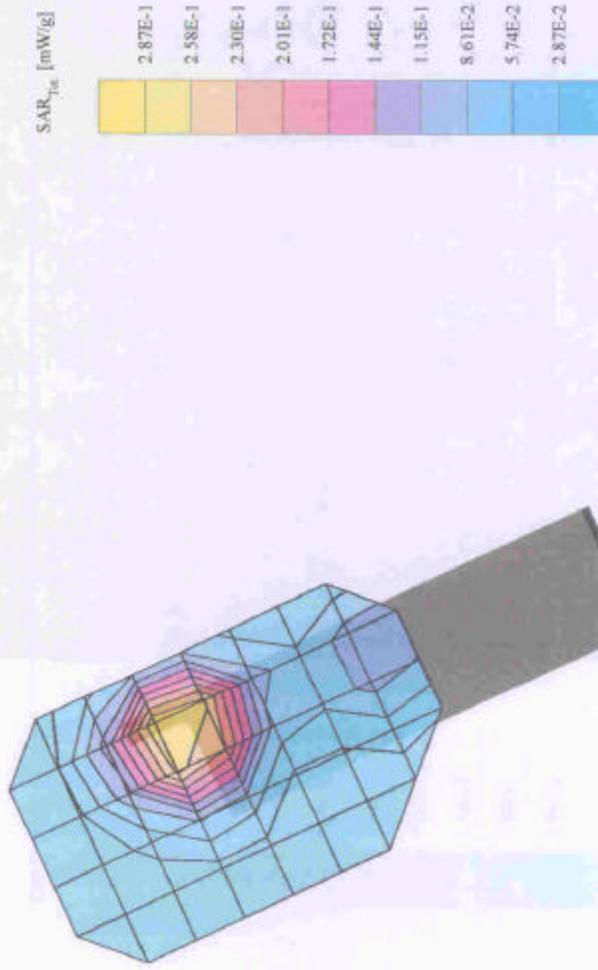


Intertek Testing Services

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Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 849 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 849 MHz; $\sigma = 0.77$ mho/m $\epsilon_r = 46.4$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.341 mW/g; SAR (10g): 0.229 mW/g (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdraft: 0.09 dB; CDMA One Touch

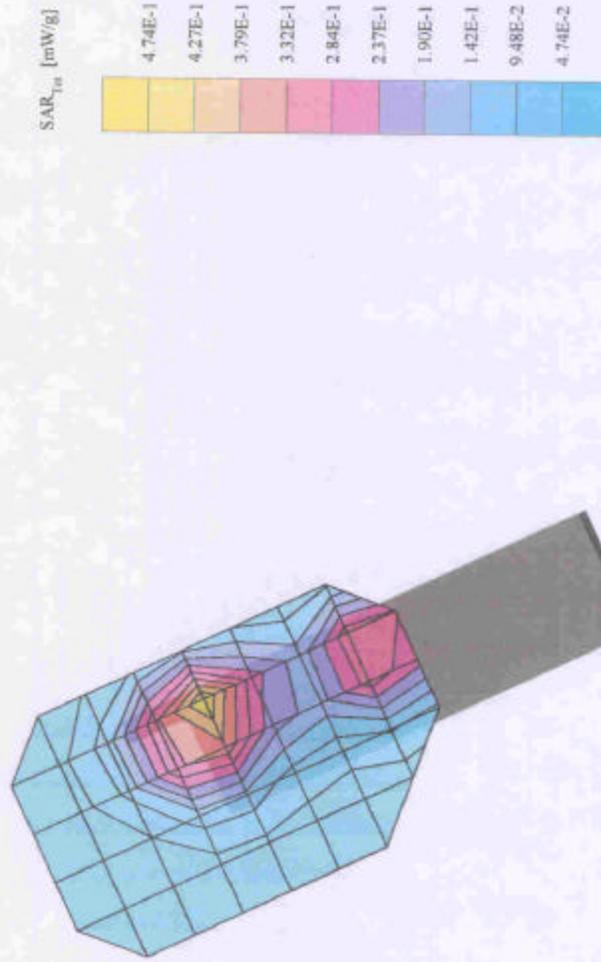


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Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 824 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 825 MHz; $\sigma = 0.75$ mho/m; $\epsilon_r = 46.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.509 mW/g; SAR (10g): 0.336 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB, CDMA, Two Touch

Figure 2.2

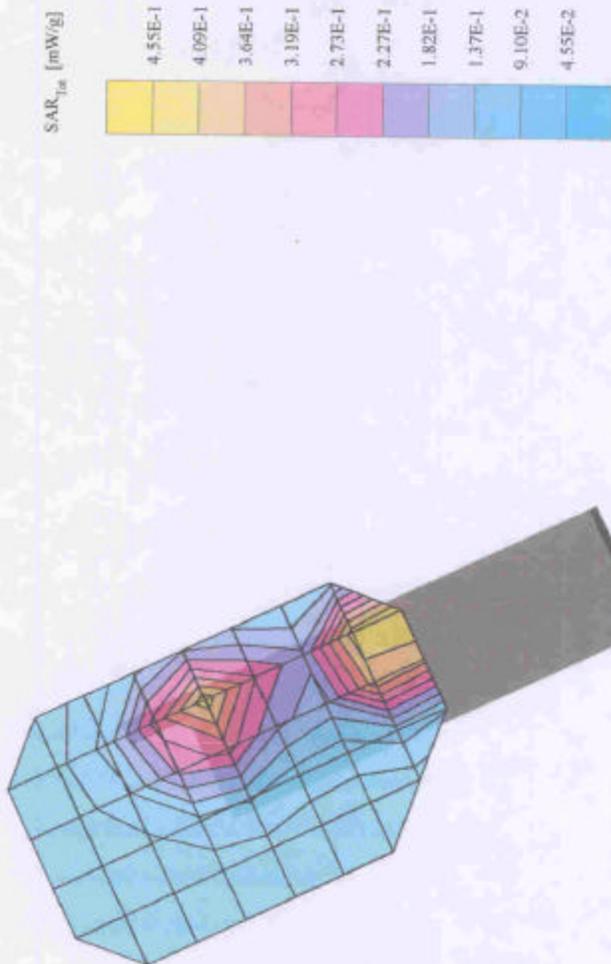


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Fig 2.3

Sharp TQ-CX1

Generic Twin Phantom, Right Hand Section, Position: (80°, 65°); Frequency: 837 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70, 5.70); Crest factor: 1.0; Brain 835 MHz; $\sigma = 0.77$ mho/m, $\epsilon_r = 46.6$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.556 mW/g; SAR (10g): 0.378 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.15 dB; CDMA Two Touch

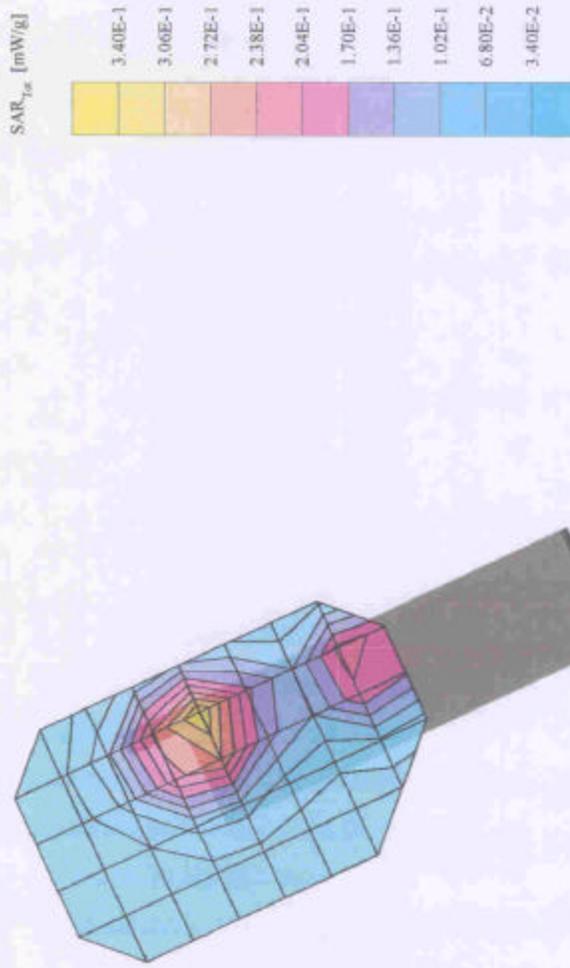


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Sharp TQ-CX1

Generic Tatin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 849 MHz
Probe: ET3DV4 - SN1122; ConvF(5.70, 5.70); Crest factor: 1.0; Brain 849 MHz; $\sigma = 0.77$ mho/m s, $\rho = 46.4$ g/cm³
Cube 5x5x7; SAR (1g): 0.358 mW/g; SAR (10g): 0.240 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.22 dB; CDMA Two Touch

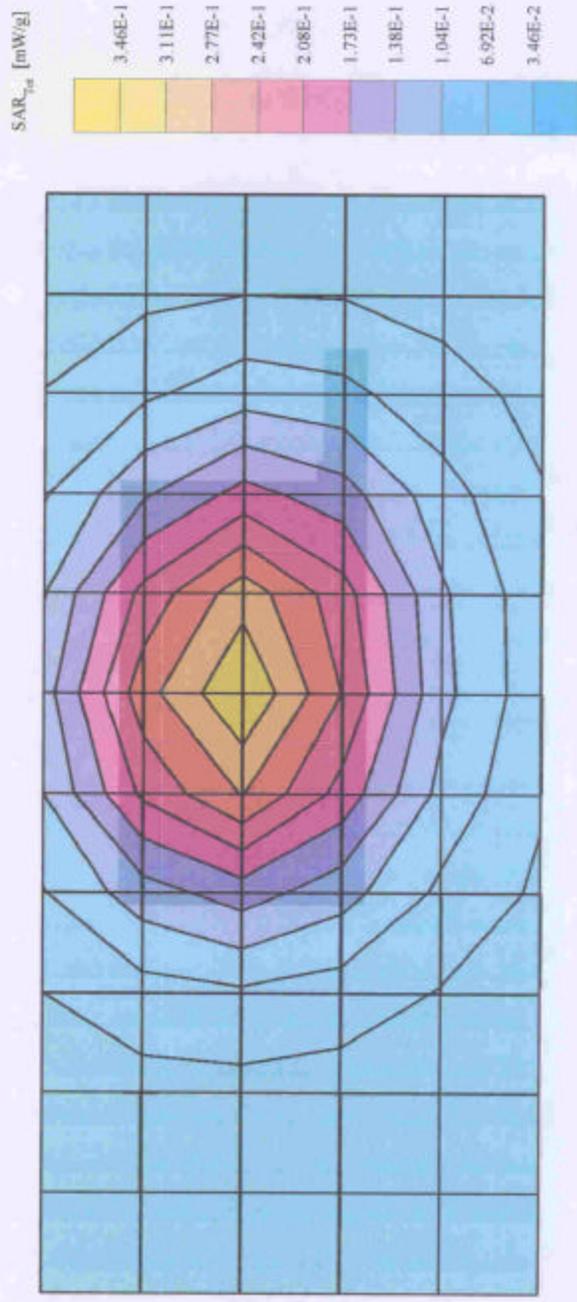


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SHARP TQ-CX1

Generic Twin Phantom: Flat Section; Position: (90°, 90°); Frequency: 824 MHz
Probe: ET3DV5 - SN1333; ConvF(5.83, 5.83); Crest Factor: 1.0; Muscle 824MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.329 mW/g; SAR (10g): 0.241 mW/g. (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.02 dB, AMPS

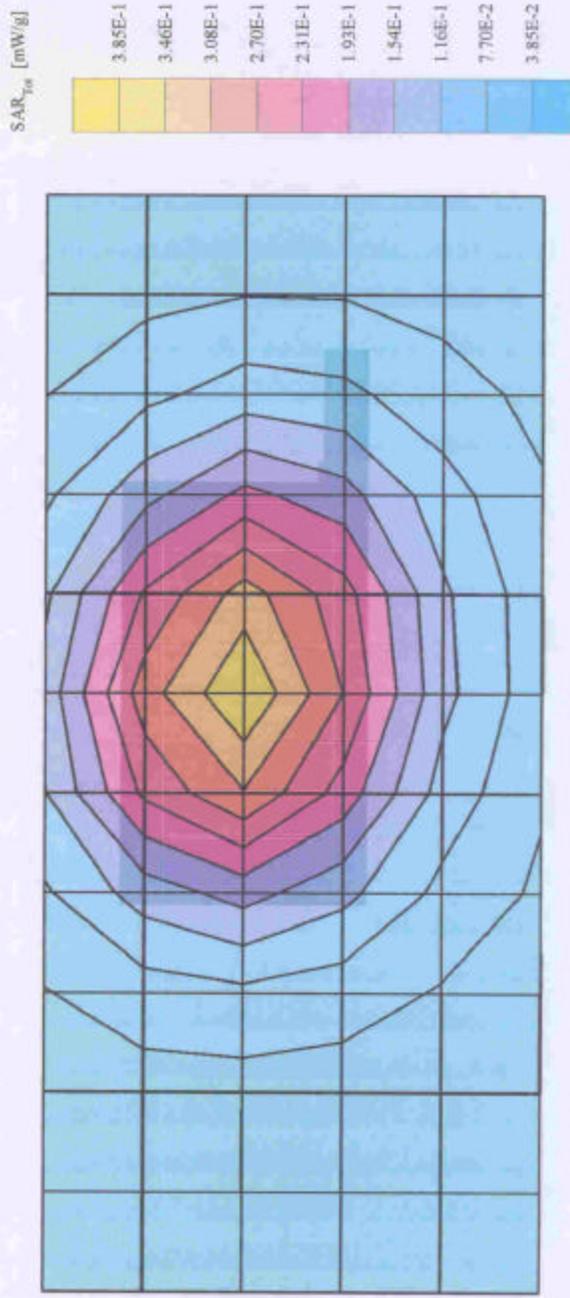


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SHARP TQ-CX1

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz
Probe: ET3DV5 - SN1333; CoaxF(5 83.5 83.5 83); Crest factor: 1.0; Muscle 835 MHz; $\sigma = 0.95$ mho/m $\epsilon_r = 56.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.379 mW/g; SAR (10g): 0.276 mW/g; SAR (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.15 dB; AMPS

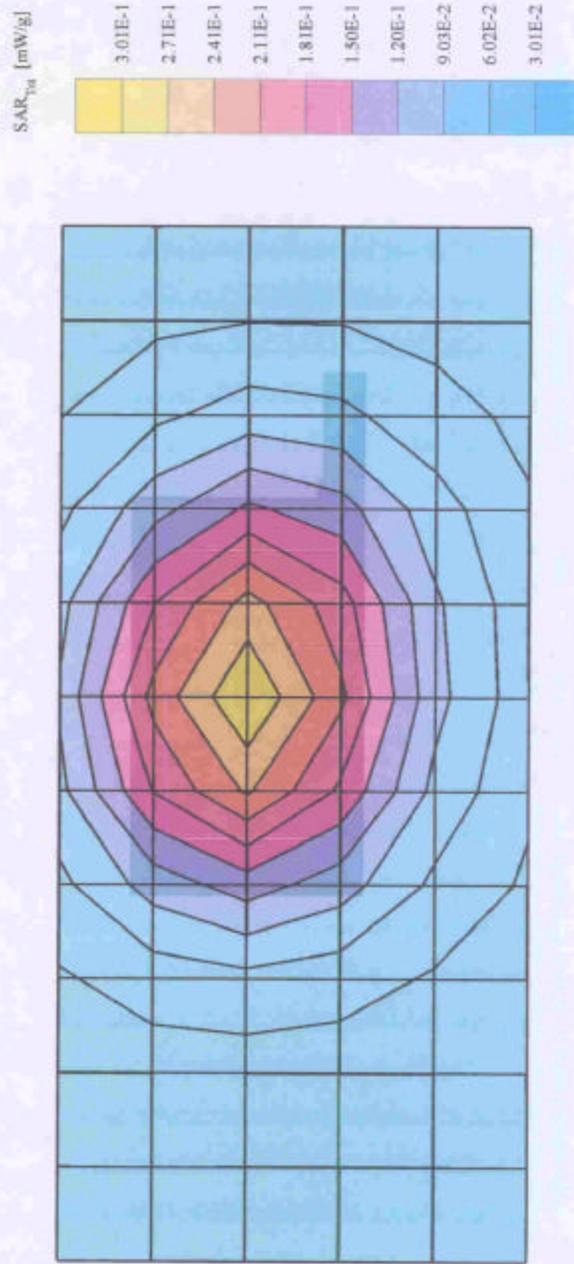


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#22

SHARP TQ-CX1

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 849 MHz
Probe: ET3DV5 - SN1333; ConvF(5.83, 5.83); Cress factor: 1.0; Muscle 849MHz: $\sigma = 0.95$ mho/m $\mu_r = 56.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7 SAR (1g): 0.300 mW/g; SAR (10g): 0.218 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.08 dB; AMPS



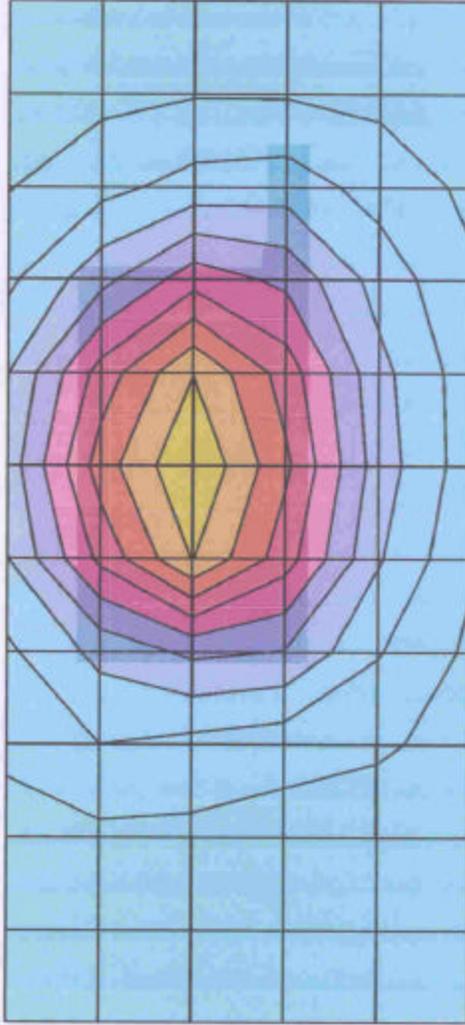
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SHARP TQ-CX1

Generic: Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 824 MHz
Probe: ET3DV5 - SN1333; ConvF(5.83, 5.83, 5.83); Crest factor: 1.0; Muscle S24MHz: $\sigma = 0.95$ mho/m, $\epsilon_r = 56.5$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 0.172 mW/g, SAR (10g): 0.118 mW/g * Max outside, (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.26 dB, CDMA

SAR_{10g} [mW/g]

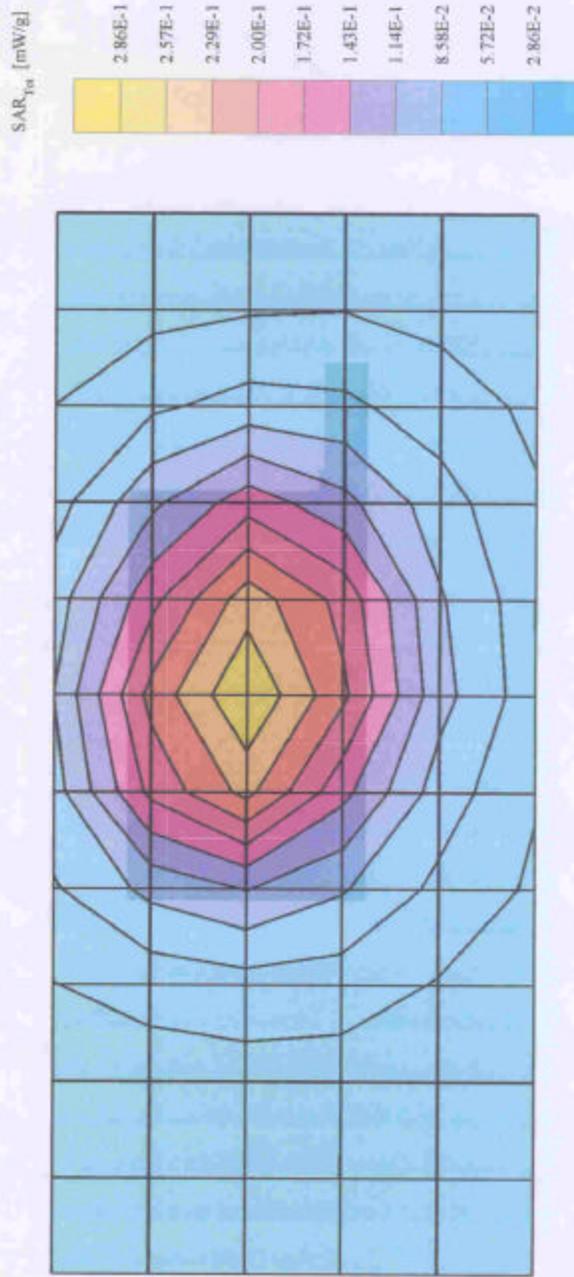


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SHARP TQ-CXI

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz
Probe: ET3DV5 - SNI333; ConvF(5.83, 5.83, 5.83); Cress factor: 1.0; Muscle 835 MHz; $\sigma = 0.95$ mho/m $\epsilon_r = 56.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.271 mW/g; SAR (10g): 0.198 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.10 dB; CDMA

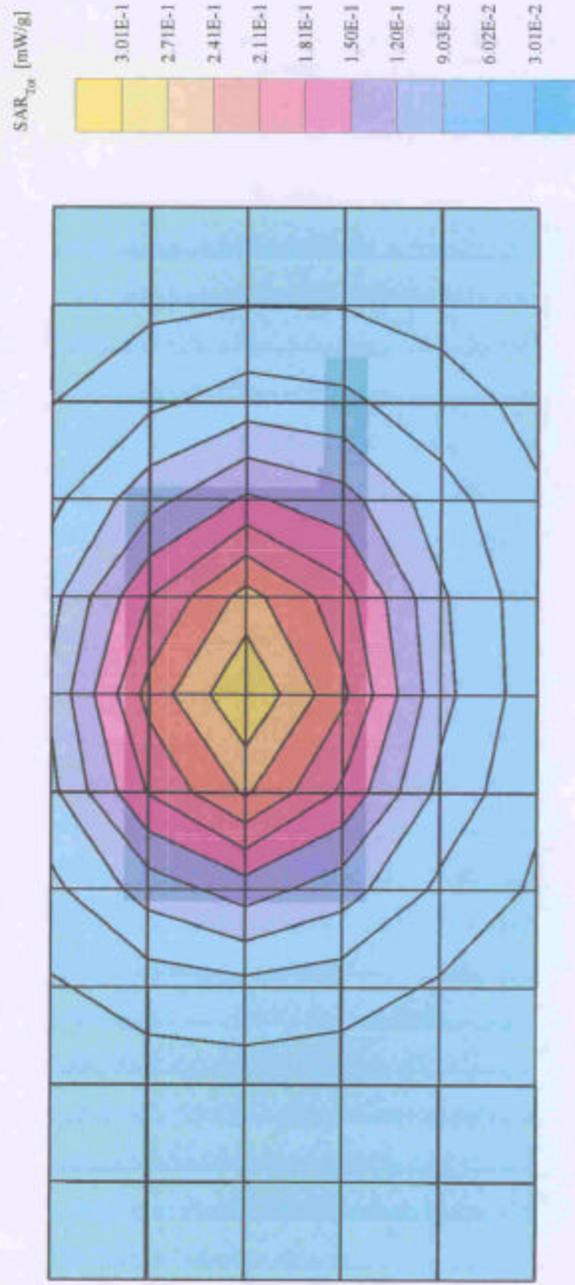


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SHARP TQ-CX1

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 849 MHz
Probe: ET3DV5 - SN1333; ConvF(5.83, 5.83, 5.83); Crest factor: 1.0; Muscle 849MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.300 mW/g; SAR (10g): 0.218 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.08 dB; CDMA

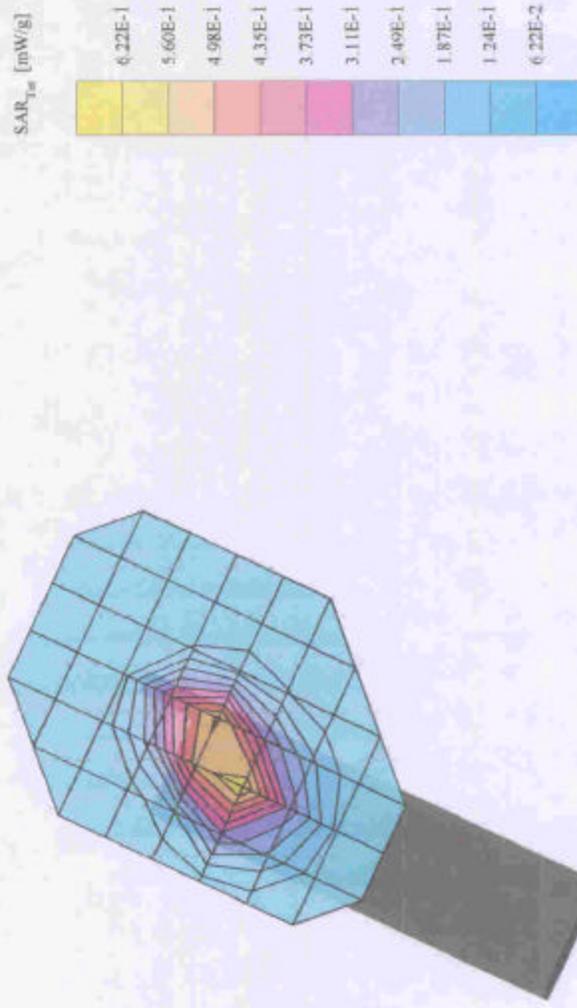


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Sharp TQ-CX1

Generic: Twin Phantom, Left Hand - X Section; Position: (80°, 65°); Frequency: 1880 MHz
Probe: ET1DV5 - SNI133, ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1880 MHz; $\sigma = 1.77 \text{ mho/m}$, $\rho = 42.5 \text{ g/cm}^3$
Cube Size: SAR (1E): 0.667 mW/g; SAR (10g): 0.387 mW/g. (Worst-case extrapolation)
Coarse: Dx = 20.0; Dy = 20.0; Dz = 10.0
Power/drift: -0.10 dB; one Touch

3)

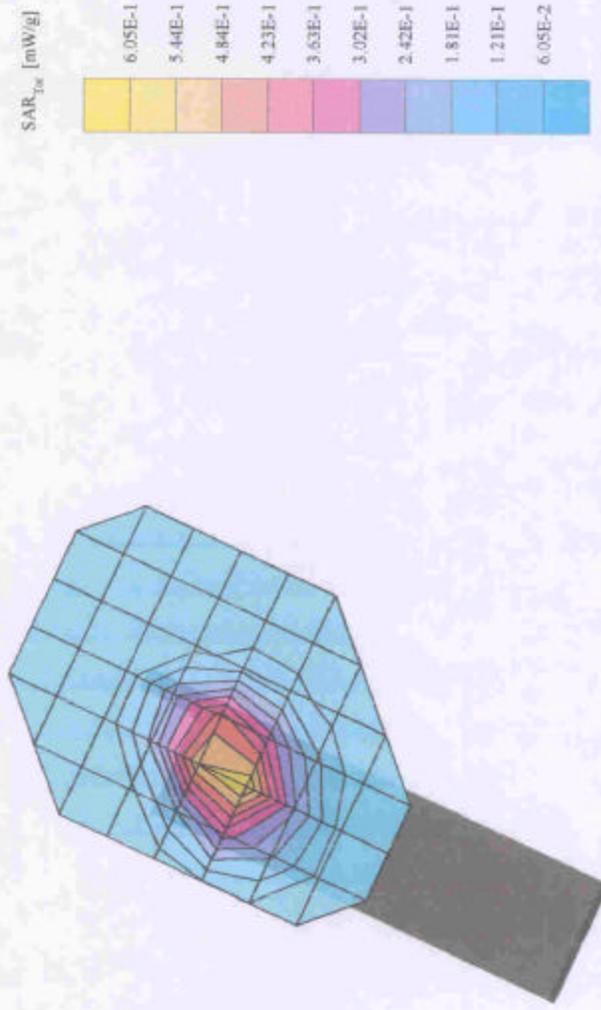


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Sharp TQ-CX1

Generic Twin Phantom, Left Hand, X, Scissor, Position: (80°, 65°); Frequency: 1850 MHz
Probe: ET3DV5 - SN1333; ConvF(4 99,4 99,4 99), Crest factor: 1.0; Brain 1850MHz; $\sigma = 1.75$ mho/m; $\epsilon_r = 42.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.655 mW/g; SAR (10g): 0.385 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0; Dy = 20.0; Dz = 10.0
Powerdrift: -0.28 dB; One Touch

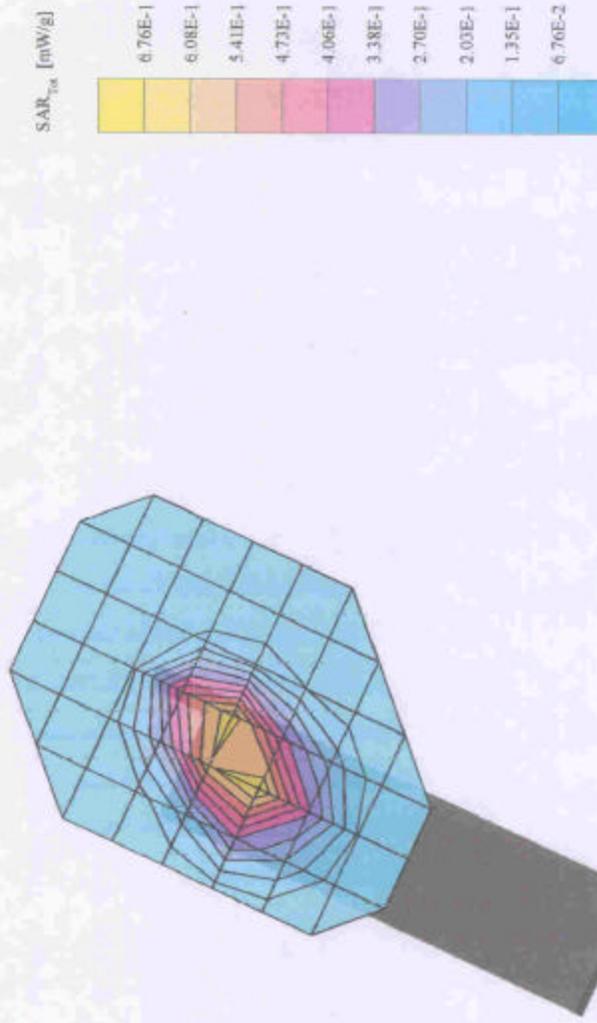


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Sharp IQ-CX1

Generic Twin Phantom, Left Hand, X Section, Position: (80°, 65°), Frequency: 1909 MHz
Probe: ET3DV5 - SN1333, ConvF(4.99, 4.99, 4.99), Crest factor: 1.0, Brain 1910MHz, $\sigma = 1.80$ mho/m, $\epsilon_r = 42.1$, $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.851 mW/g, SAR (10g): 0.466 mW/g, (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.03 dB, one Touch

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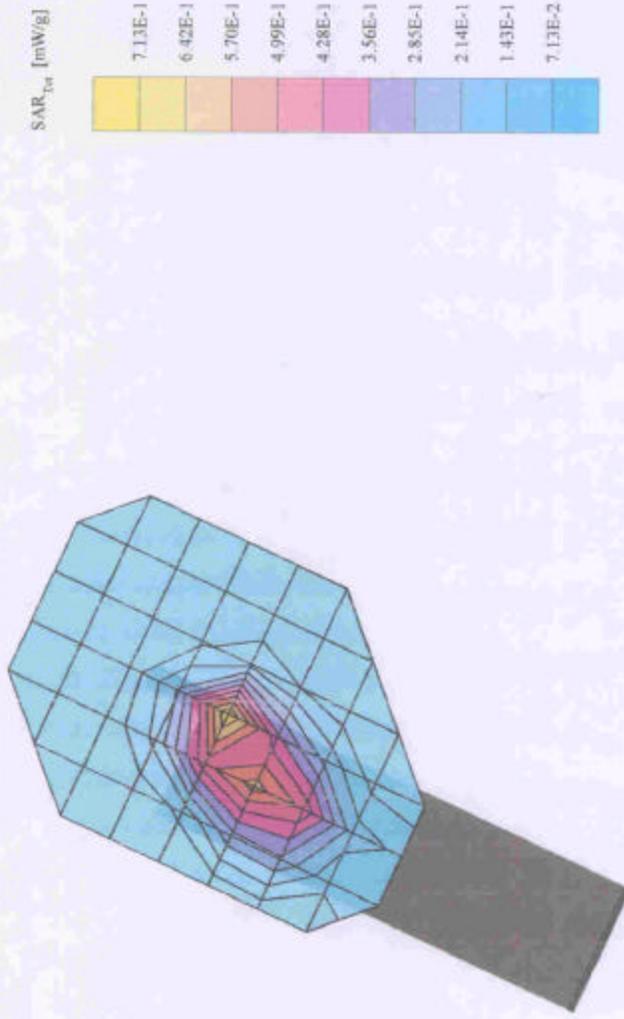


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Sharp TQ-CX1

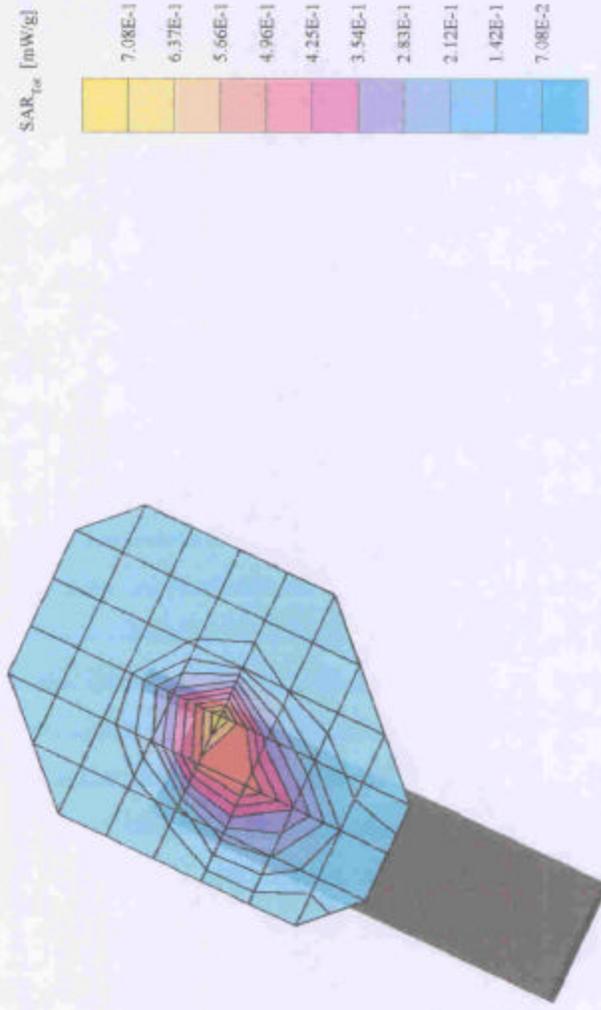
Generic Twin Phantom; Left Hand, X Section; Position: (80°, 65°); Frequency: 1850 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1850/MHz; $\sigma = 1.75$ mho/m; $\rho = 42.5$ g/cm³
Cube 5x5x7; SAR (1g): 0.859 mW/g; SAR (10g): 0.450 mW/g; (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.04 dB; Two Touch



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Sharp TQ-CX1

Generic Twin Phantom; Left Hand - X Section; Position: (80°, 65°); Frequency: 1880 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1880 MHz; $\sigma = 1.77$ mho/m $\epsilon_r = 42.5$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 0.825 mW/g; SAR (10g): 0.438 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Power/drift: -0.14 dB; Two touch

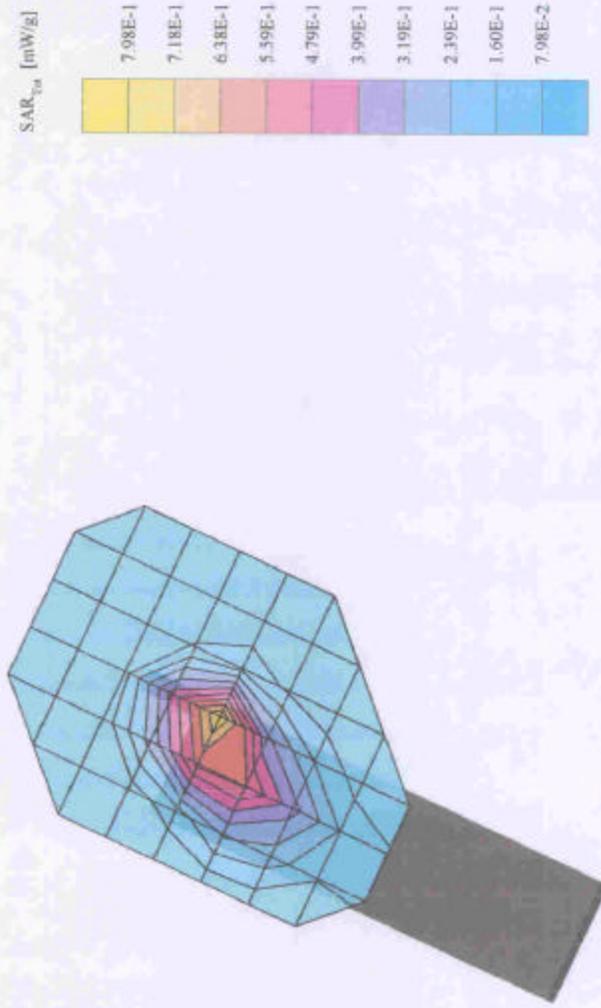


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Sharp TQ-CX1

Generic Twin Phantom; Left Hand; X Section; Position: (80°, 65°); Frequency: 1909 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1910MHz; $\sigma = 1.80$ mho/m; $\epsilon_r = 42.1$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.934 mW/g; SAR (10g): 0.504 mW/g. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB, Two Touch

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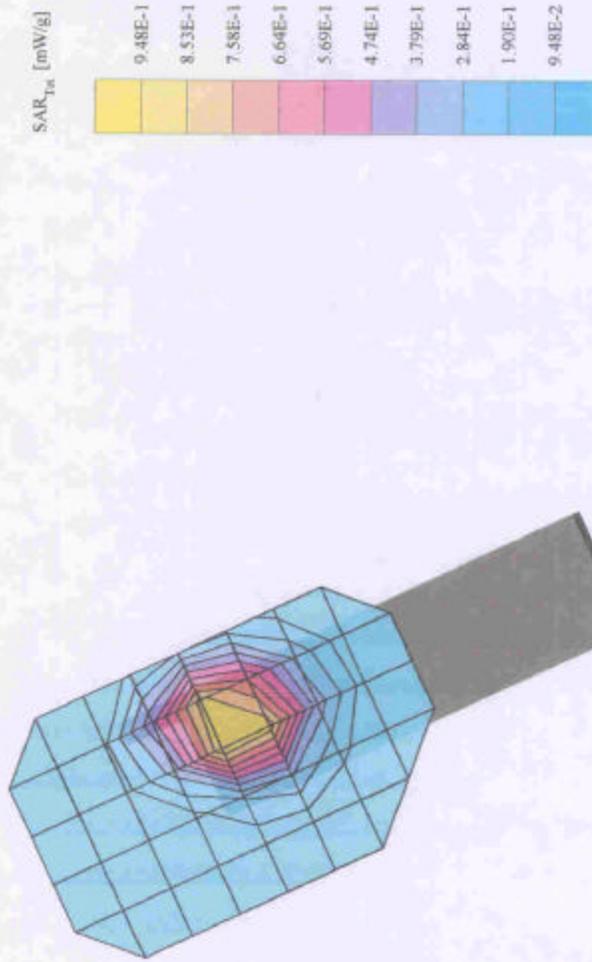


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3 7

Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 1850 MHz
Probe: ET3DV5 - SNI333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1850MHz; $\sigma = 1.75$ mho/m; $\rho = 42.5$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 1.12 mW/g; SAR (10g): 0.663 mW/g; (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.24 dB; One Touch

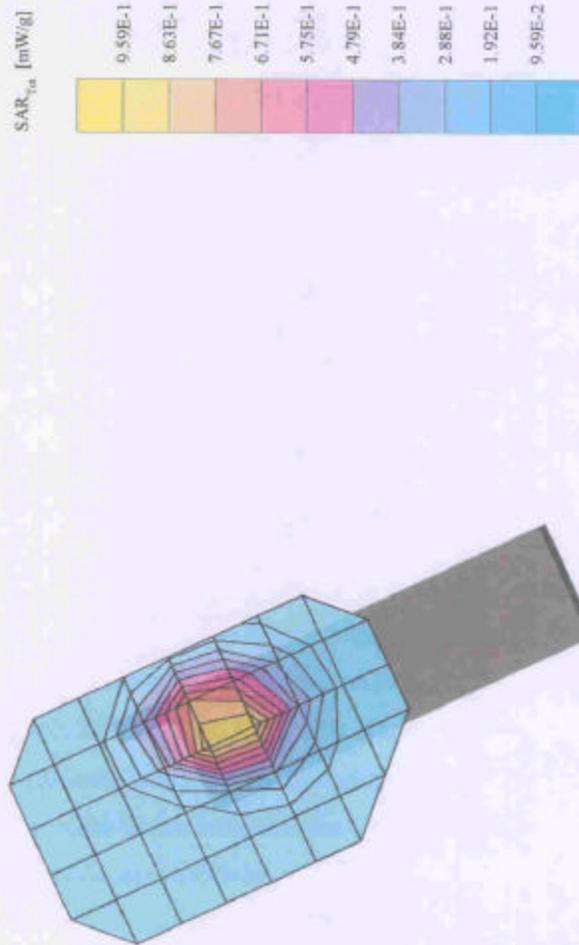


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Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 1880 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1880 MHz: $\sigma = 1.77$ mho/m $\epsilon_r = 42.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.14 mW/g; SAR (10g): 0.668 mW/g. (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.17 dB, one Touch

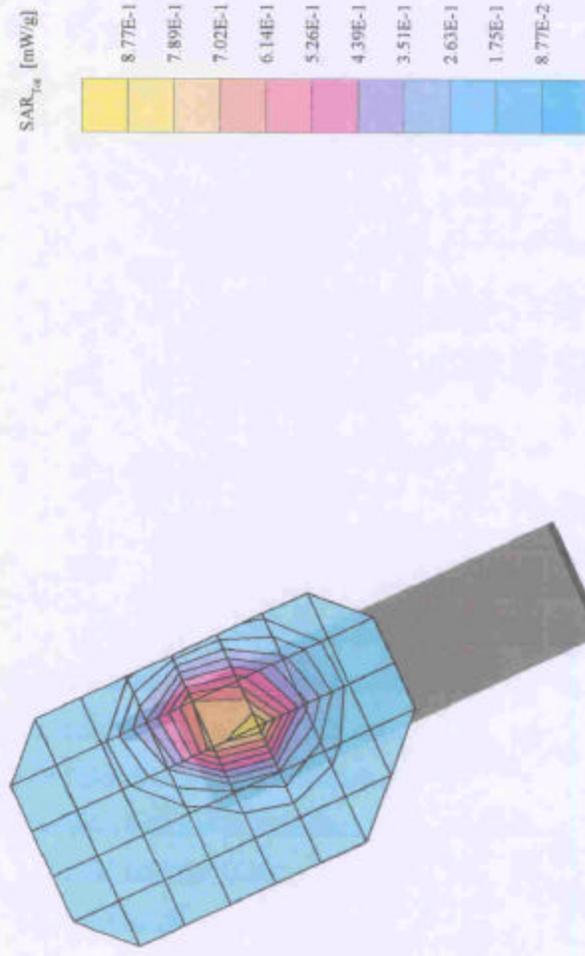


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Sharp TQ-CX1

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 1909 MHz
Probe: EE3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain: 1910MHz; $\sigma = 1.80$ mho/m; $\epsilon_r = 42.1$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 1.91 mW/g; SAR (10g): 0.586 mW/g. (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.04 dB; one Touch

41 3 9

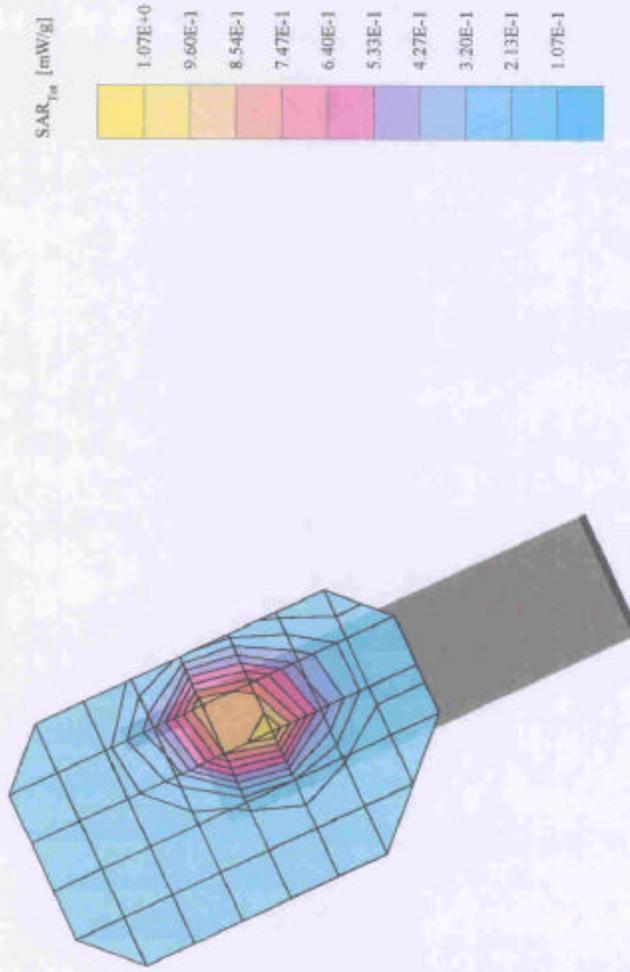


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Sharp TQ-CX1

Generic Twin Phantom, Right Hand Section, Position: (80°, 65°), Frequency: 1850 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99,4.99,4.99); Crest factor: 1.0; Brain 1850MHz; $\sigma = 1.75$ mho/m $\epsilon_r = 42.5$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 1.18 mW/g; SAR (10g): 0.701 mW/g; SAR (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.37 dB; Two touch



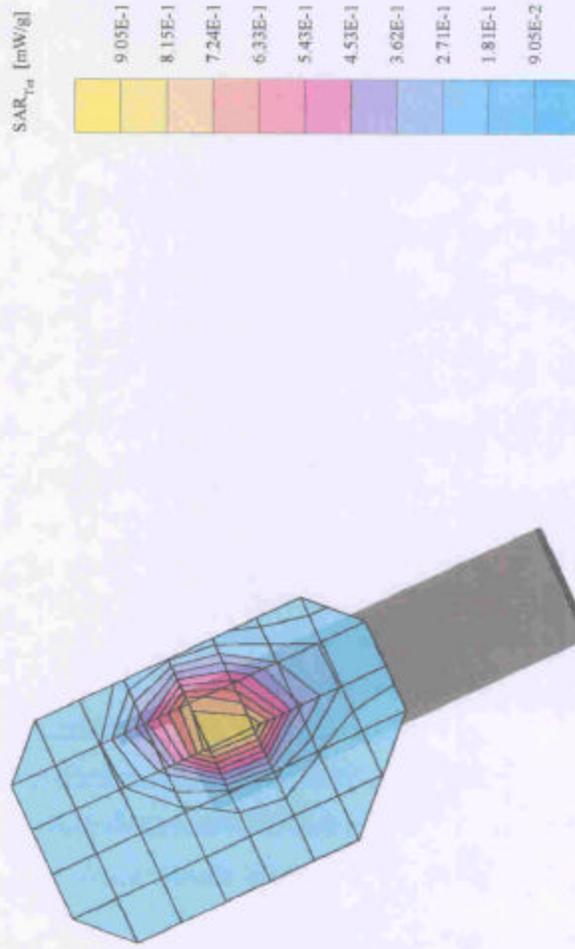
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Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 1880 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1880 MHz; $\sigma = 1.77$ mho/m; $\epsilon_r = 42.5$; $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.09 mW/g; SAR (10g): 0.637 mW/g; (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.02 dB, Two Touch

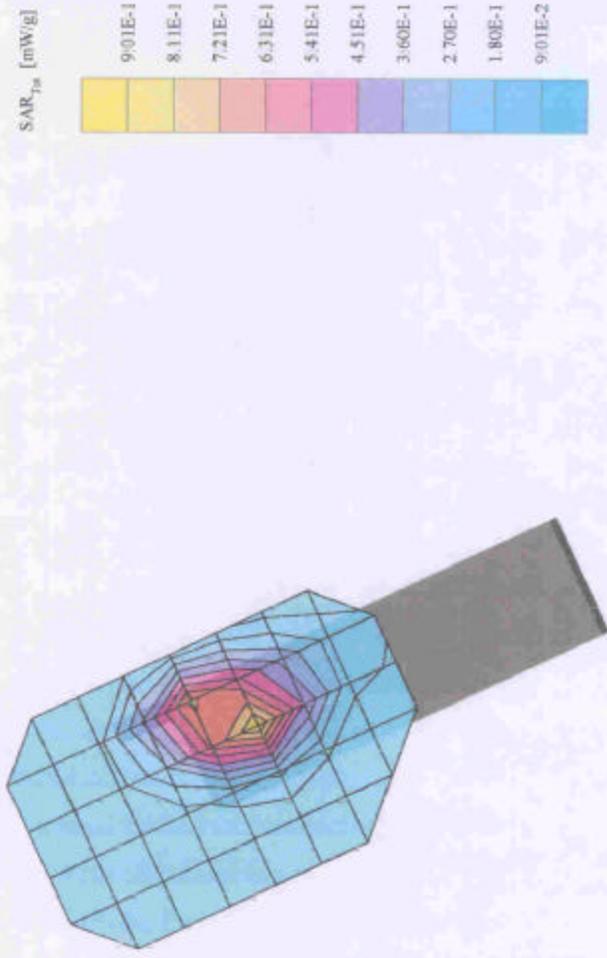


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4 4 2

Sharp TQ-CX1

Generic Twin Phantom, Right Hand Section; Position: (80°, 65°); Frequency: 1909 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Brain 1910MHz; $\sigma = 1.80$ mho/m; $\epsilon_r = 42.1$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 1.03 mW/g; SAR (10g): 0.582 mW/g; (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.09 dB; Two Touch

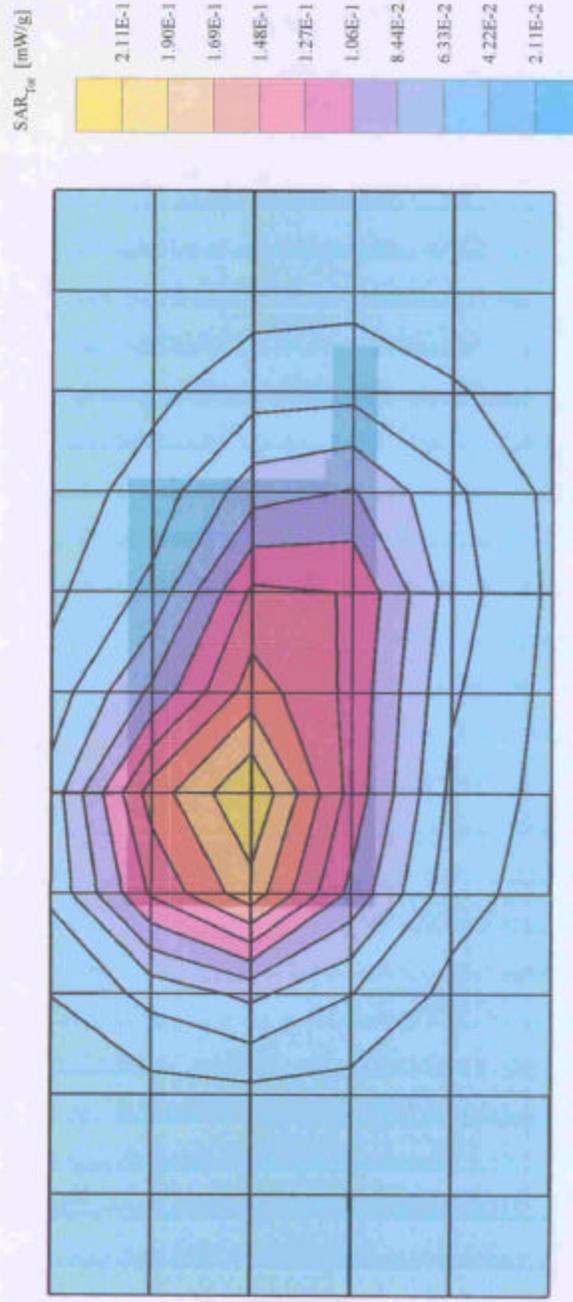


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#143

SHARP TQ-CX1

Generic Twin Phantom: Flat Section; Position: (90°, 90°); Frequency: 1850 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Muscle 1850 MHz: $\sigma = 1.61 \text{ mho/m}$, $\epsilon_r = 52.5$, $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.212 mW/g, SAR (10g): 0.125 mW/g, SAR (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.23 dB, With Belt Clip

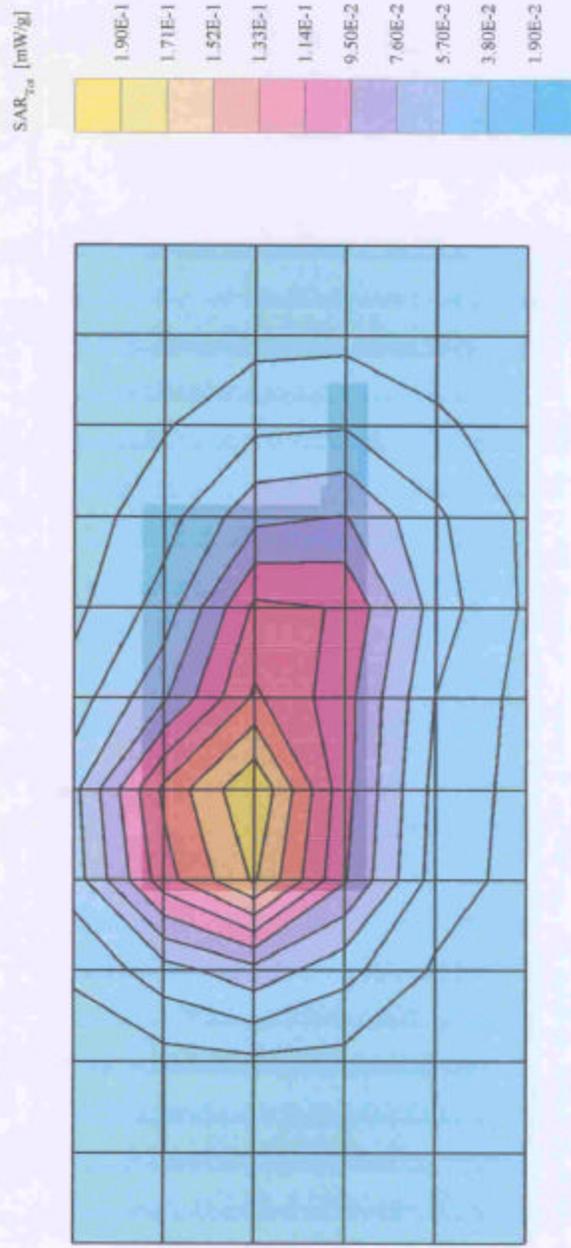


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#147

SHARP TQ-CXI

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 MHz
Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Muscle 1880 MHz; $\sigma = 1.65$ mho/m; $\epsilon_0 = 52.2$ p = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 0.198 mW/g; SAR (10g): 0.118 mW/g; (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.04 dB; With Belt Clip



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SHARP TQ-CXI

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1910 MHz
 Probe: ET3DV5 - SN1333; ConvF(4.99, 4.99, 4.99); Crest factor: 1.0; Muscle 1900 MHz; $\sigma = 1.69$ mho/m; $\epsilon_r = 52.1$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.217 mW/g; SAR (10g): 0.129 mW/g. (Worst-case extrapolation)
 Course: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdrift: -0.06 dB, with Belt Clip

