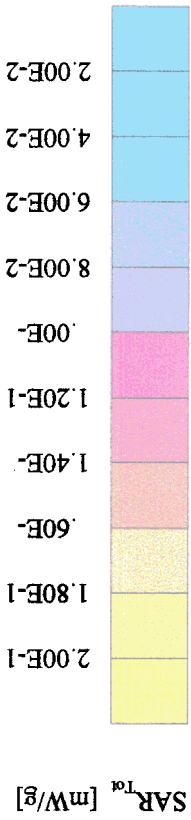
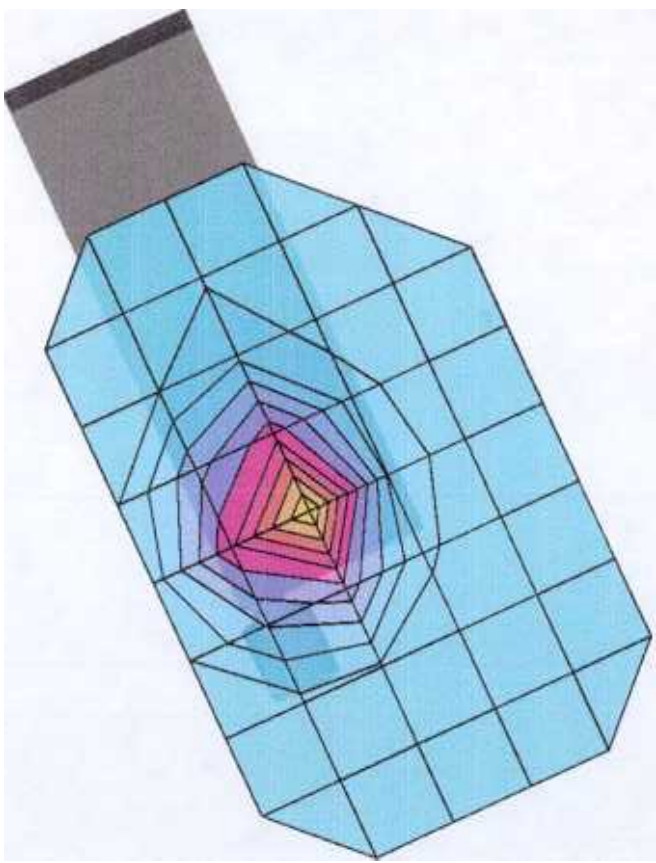


Wireless TDM -3100

Generic Twin Phantom, Right Hand Section, Position: (80°,65°); Frequency: 1850 MHz
Probe: ET3DV5 - SN1333; ConvF(5.03,5.03,5.03); Crest factor: 3.0; Brain 1850 MHz: $\sigma = 1.61$ mho/m $\epsilon_r = 52.6$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.196 mW/g, SAR (10g): 0.109 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB, One Touch



Wireless TDM -3100

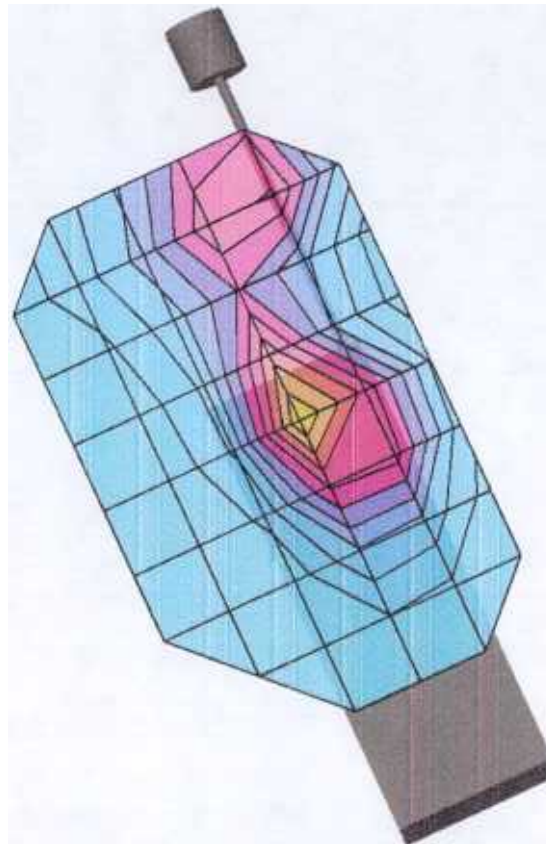
Generic Twin Phantom; Right Hand Section; Position: (80°,65°); Frequency: 1880 MHz

Probe: ET3DV5 - SN1333; ConvF(5.03,5.03,5.03); Crest factor: 3.0; Brain1880 MHz: $\sigma = 1.65$ mho/m $\epsilon_r = 52.3$ $\rho = 1.00$ g/cm³

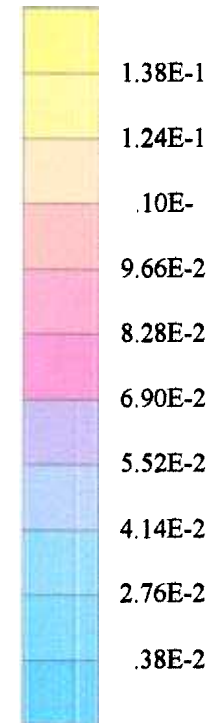
Cube 5x5x7: SAR (1g): 0.140 mW/g, SAR (10g): 0.0790 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.03 dB, One Touch



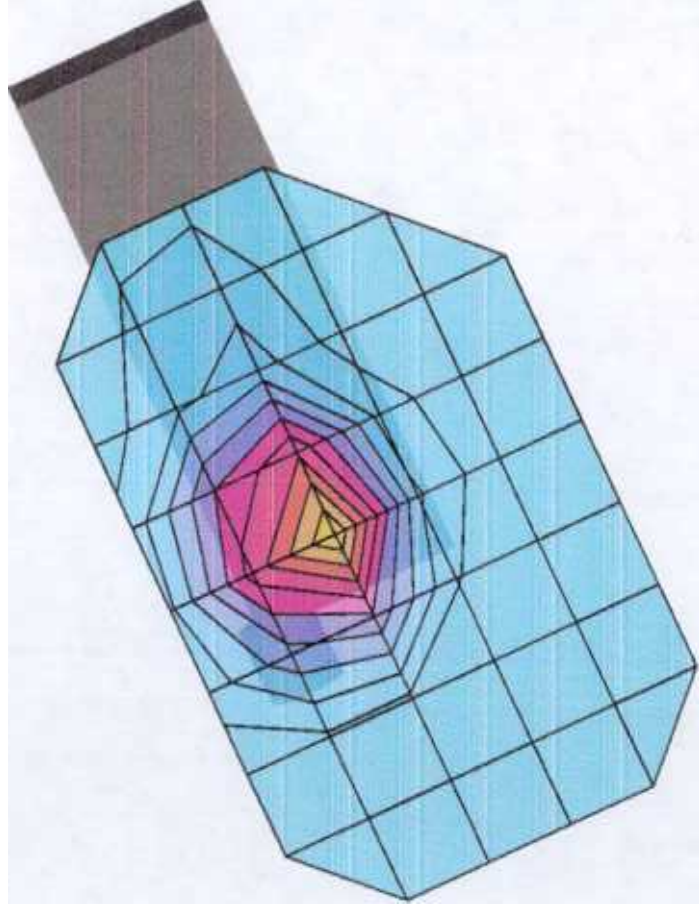
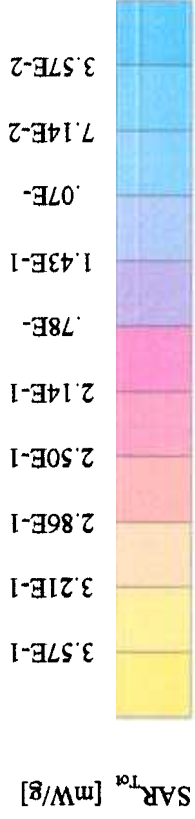
SAR_{Tot} [mW/g]



43

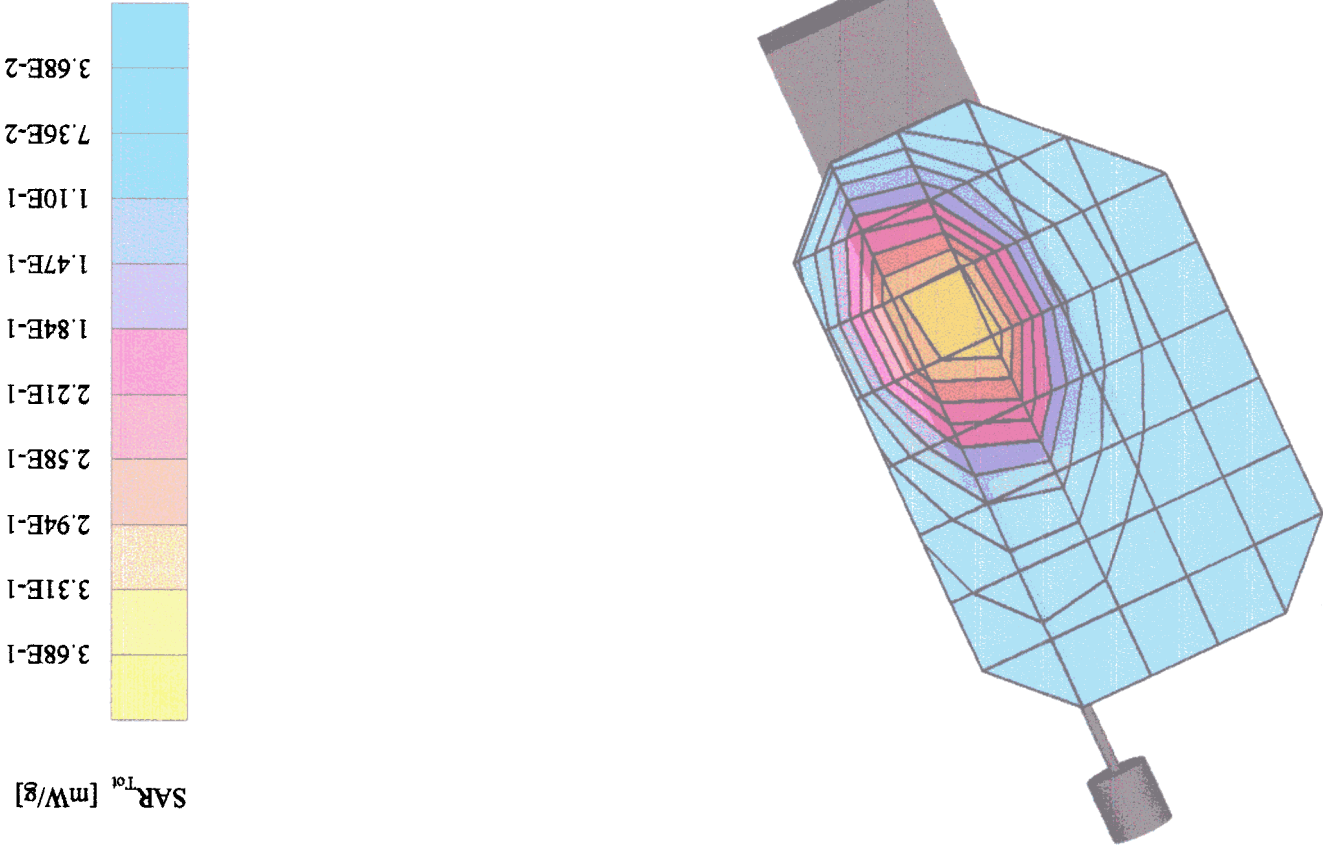
Wireless TDM -3100

Generic Twin Phantom, Right Hand Section, Position: (80°,65°), Frequency: 1880 MHz
Probe: ET3DVS - SN1333, ConvF(5.03,5.03,5.03); Crest factor: 3.0; Brain1880 MHz: $\sigma = 1.65$ mho/m $\epsilon_r = 52.3$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.361 mW/g, SAR (10g): 0.206 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.07 dB, One Touch



Wireless TDM-3100

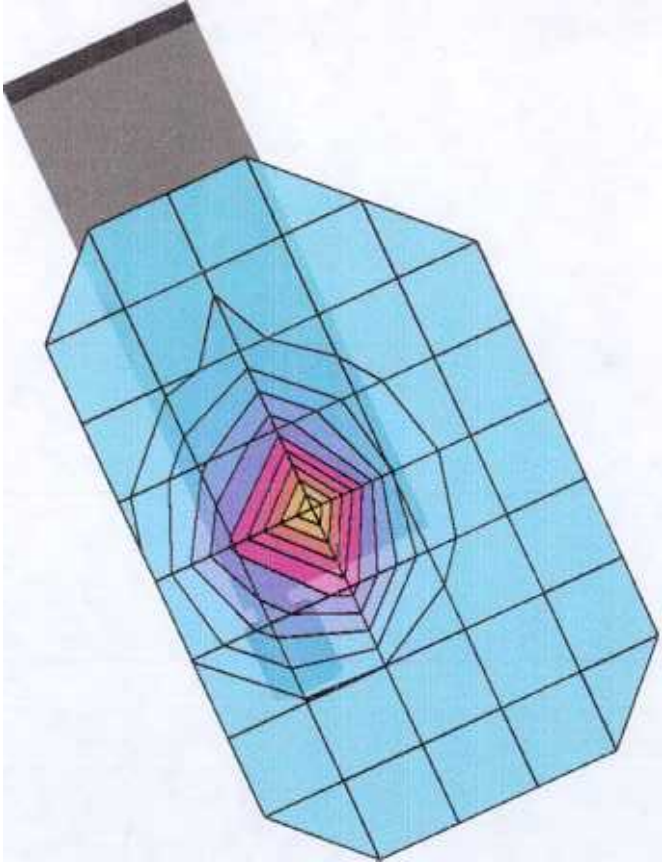
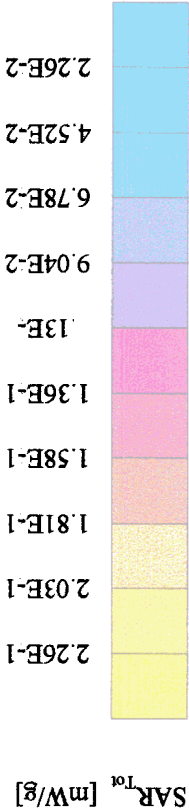
Generic Twin Phantom, Right Hand Section; Position: (80°,65°); Frequency: 1909 MHz
Probe: ET3DVS - SN1333; ConvF(5.03,5.03); Crest factor: 3.0; Brain1900 MHz: $\sigma = 1.77$ mho/m $\epsilon_r = 42.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.165 mW/g, SAR (10g): 0.119 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrit: 0.21 dB, one touch



Wireless TDM-3100

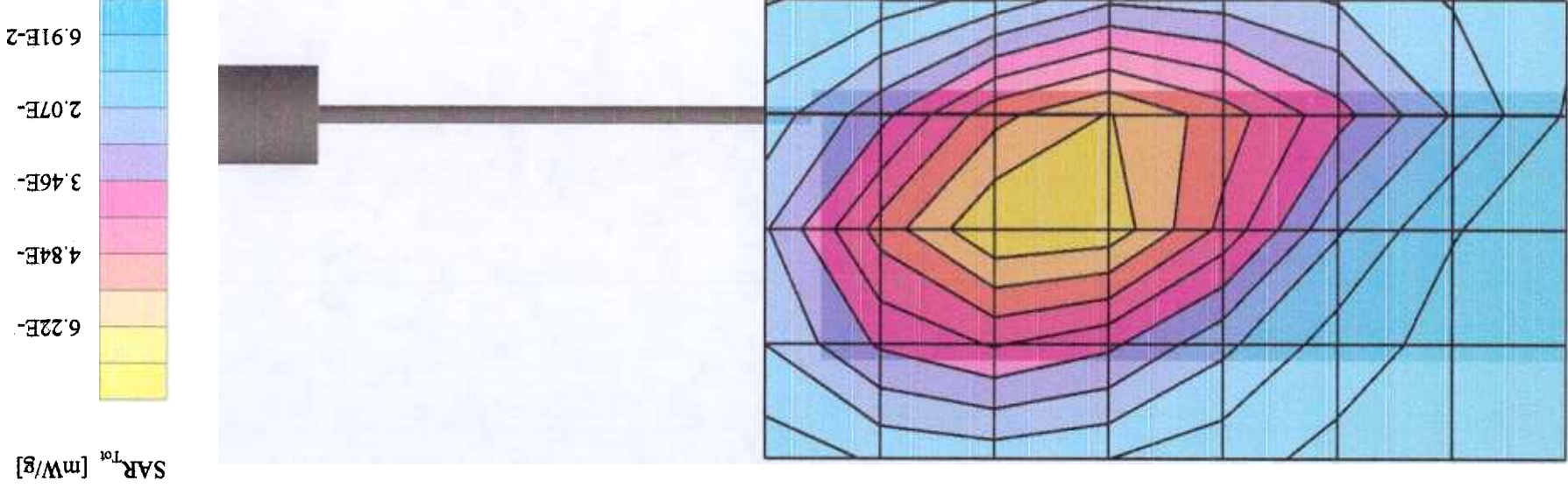
Generic Twin Phantom, Right Hand Section, Position: (80°,65°), Frequency: 1909 MHz
Probe: ET3DV5 - SN1333; ConvF(5.03,5.03,5.03); Crest factor: 3.0; Brain1900 MHz: $\sigma = 1.77$ mho/m $\epsilon_r = 42.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.214 mW/g, SAR (10g): 0.117 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdft: -0.38 dB, One Touch

45



Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 824 MHz
Probe: ET3DVS - SN1333; ConvF(5.70,5.70,5.70); Crest factor: 1.0; Muscle 824MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 53.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.717 mW/g, SAR (10g): 0.528 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.01 dB AMPS, Face down with Belt Clip

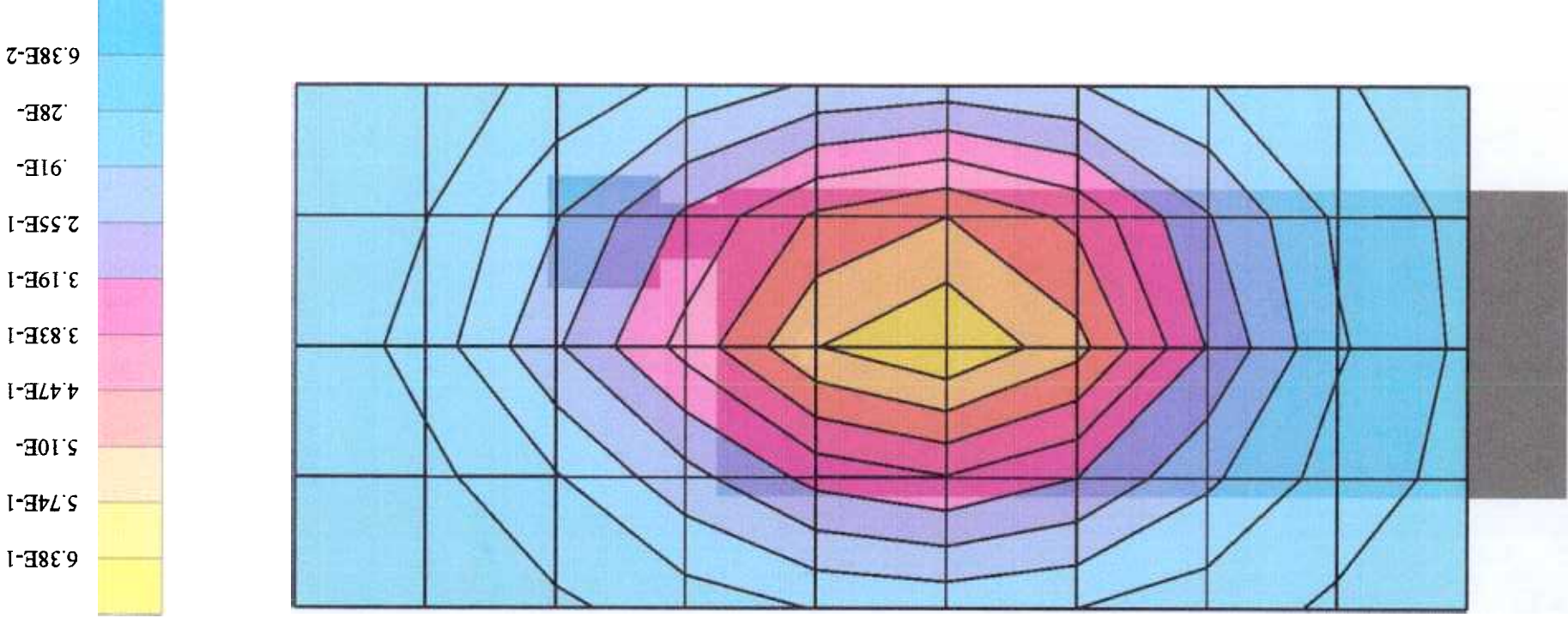


Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 824 MHz
Probe: ET3DVS - SN1333; ConvF(5.70,5.70,5.70); Crest factor: 1.0; Muscle 824MHz: $\sigma = 0.88 \text{ mho/m}$, $\epsilon_r = 53.8$, $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.623 mW/g, SAR (10g): 0.448 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.26 dB, AMPS, With Belt Clip

± 4%

SAR_{tot} [mW/g]

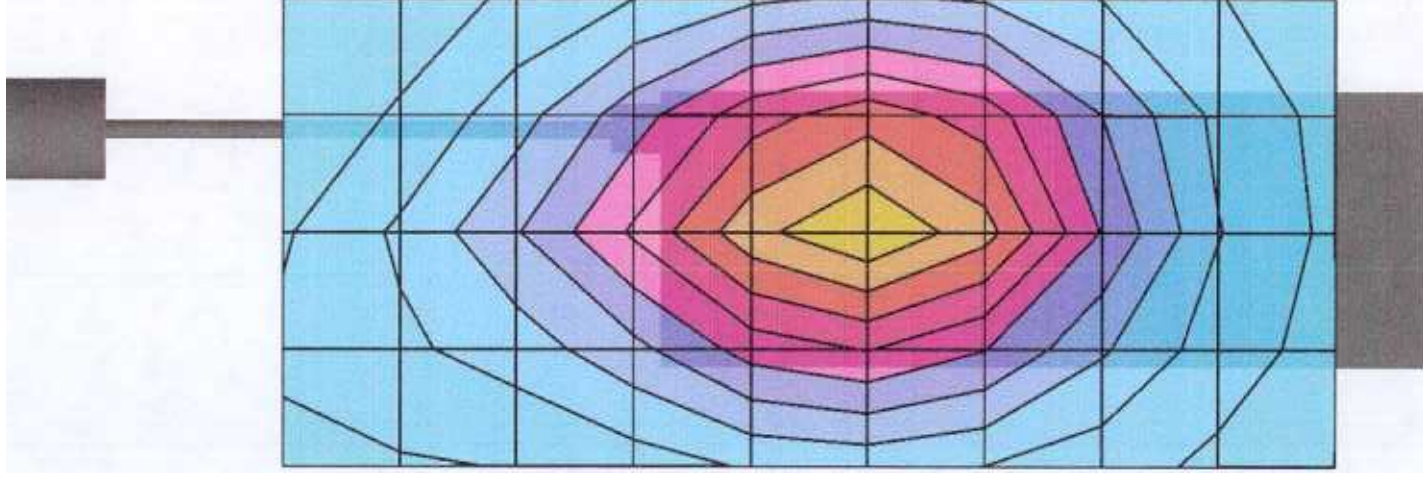


Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 837 MHz
Probe: ET3DVS - SN1333; ConvF(5.70,5.70); Crest factor: 1.0; Muscle 835 MHz: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 51.1$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 0.415 mW/g, SAR (10g): 0.297 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdntf: -0.10 dB; Facedown with Belt Clip

48

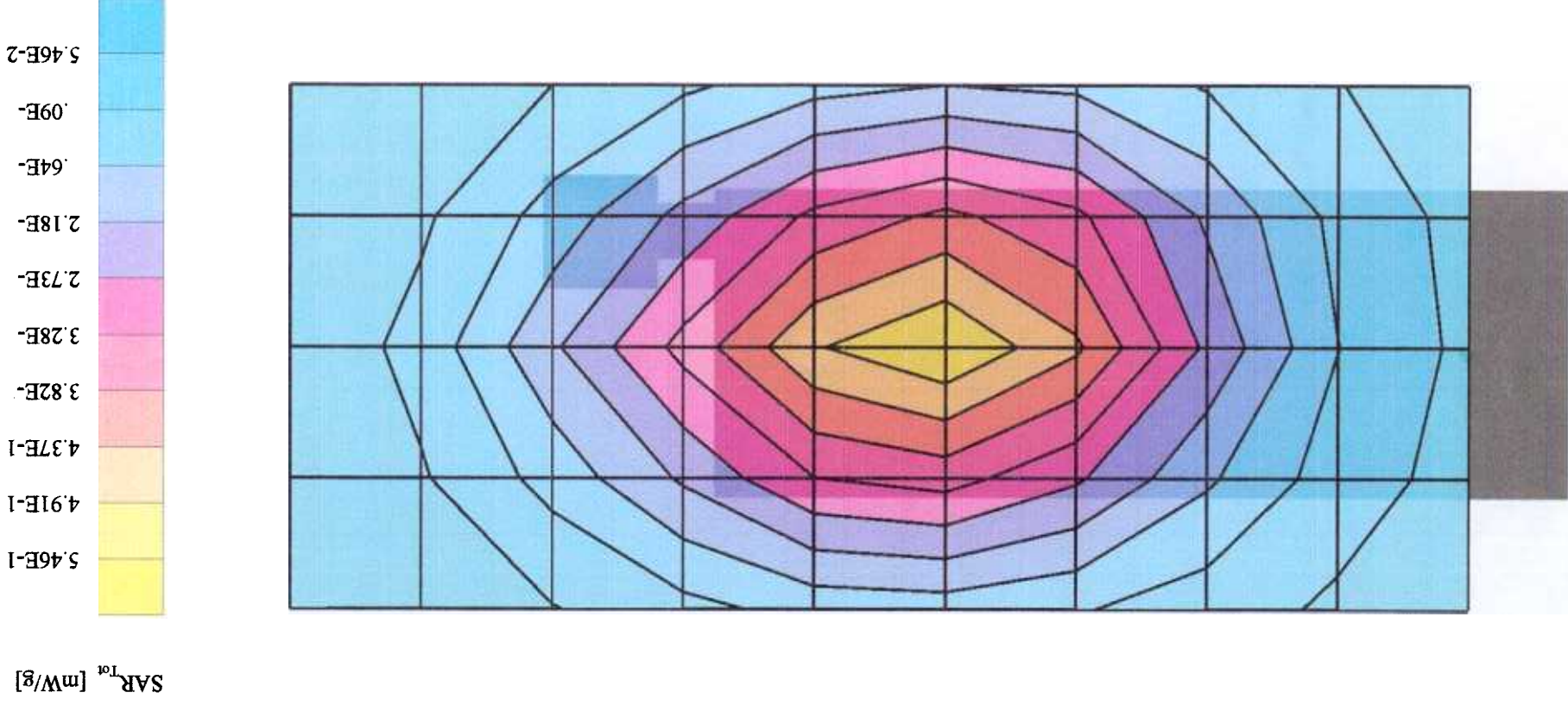
SAR_{Tot} [mW/g]



49

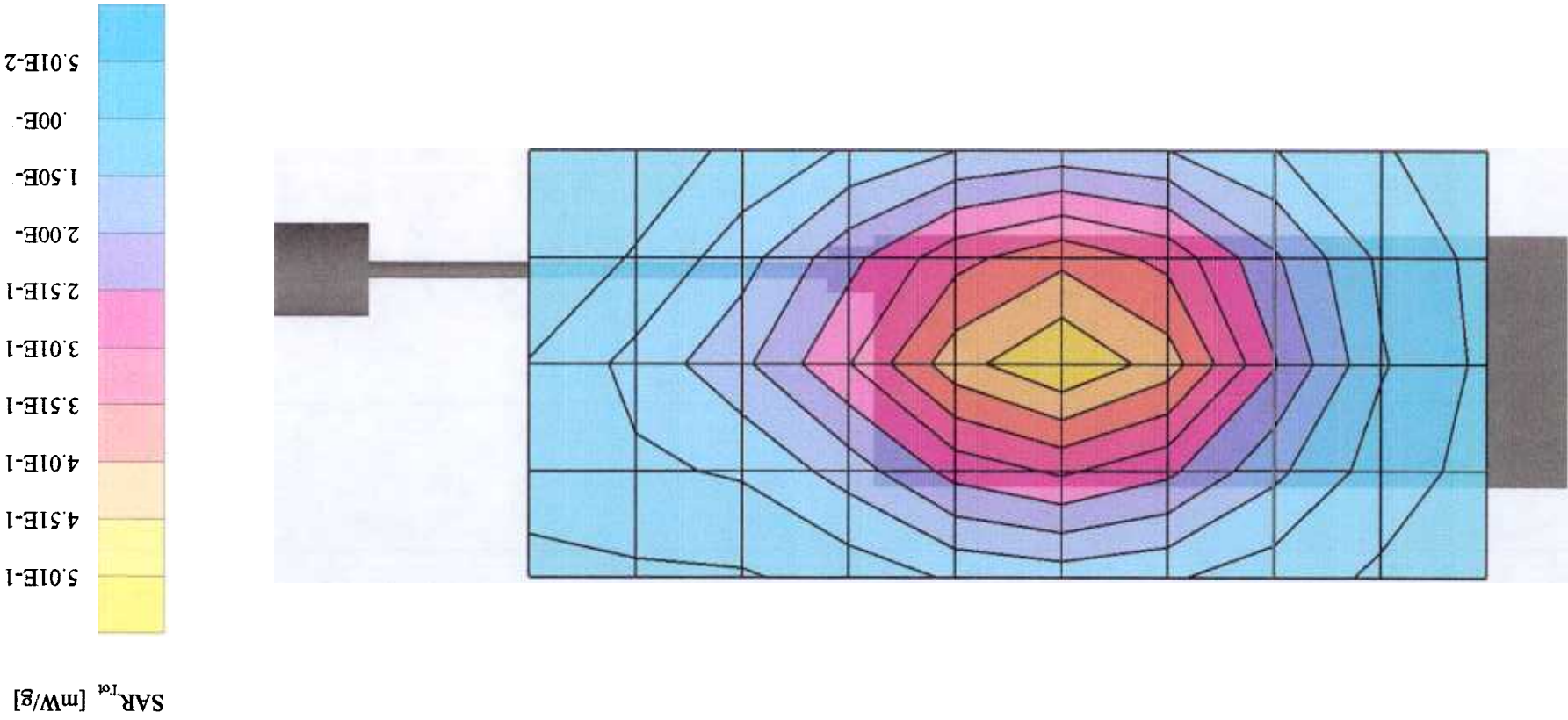
Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 837 MHz
 Probe: ET3DVS - SN1333; ConvF(5.70,5.70); Crest factor: 1.0; Muscle 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 51.1$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.528 mW/g, SAR (10g): 0.379 mW/g, (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdft: -0.19 dB, AMPS, With Belt Clip



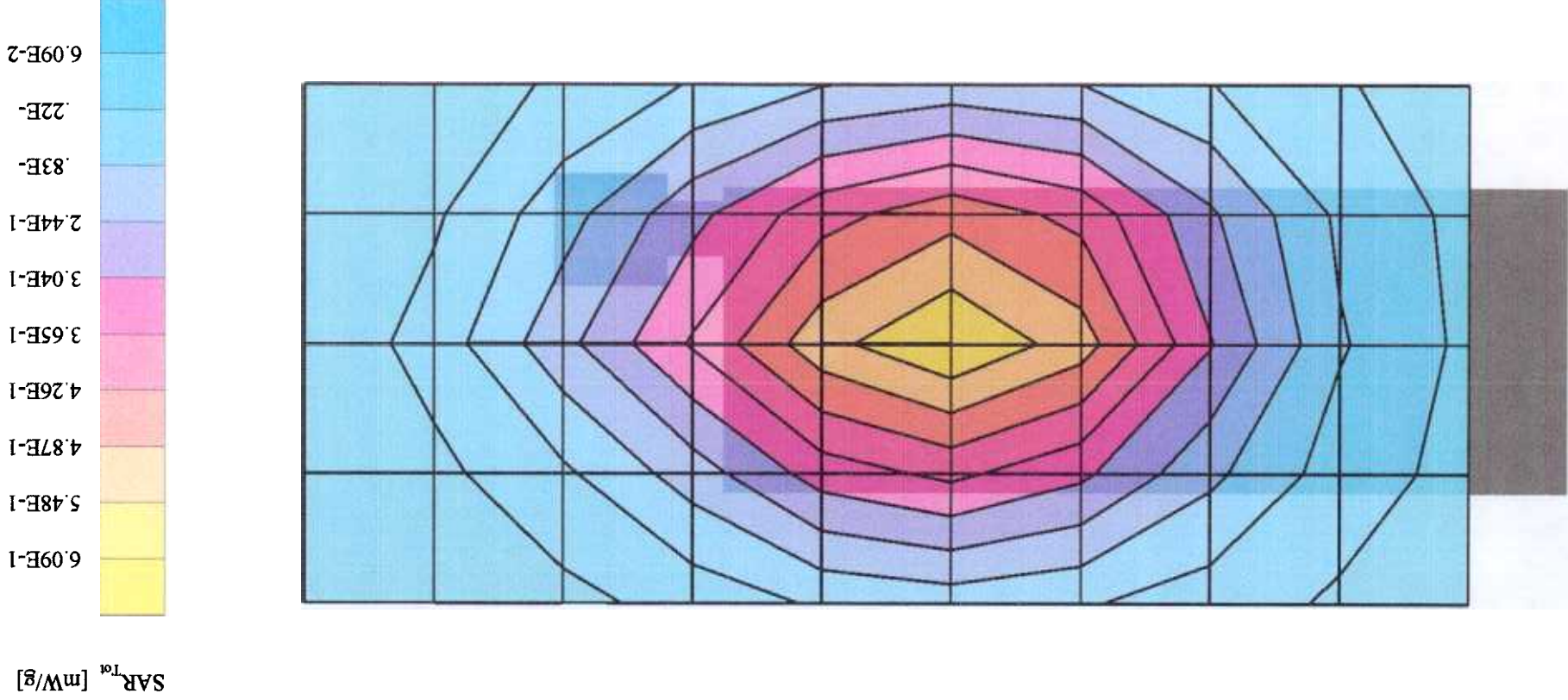
Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 849 MHz
Probe: ET3DVS - SN1333; ConvF(5.70,5.70,5.70); Crest factor: 1.0; Muscle 849MHz: $\sigma = 0.90$ mho/m $\epsilon_r = 51.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.494 mW/g, SAR (10g): 0.355 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdntf: -0.05 dB, AMPS, With Belt Clip



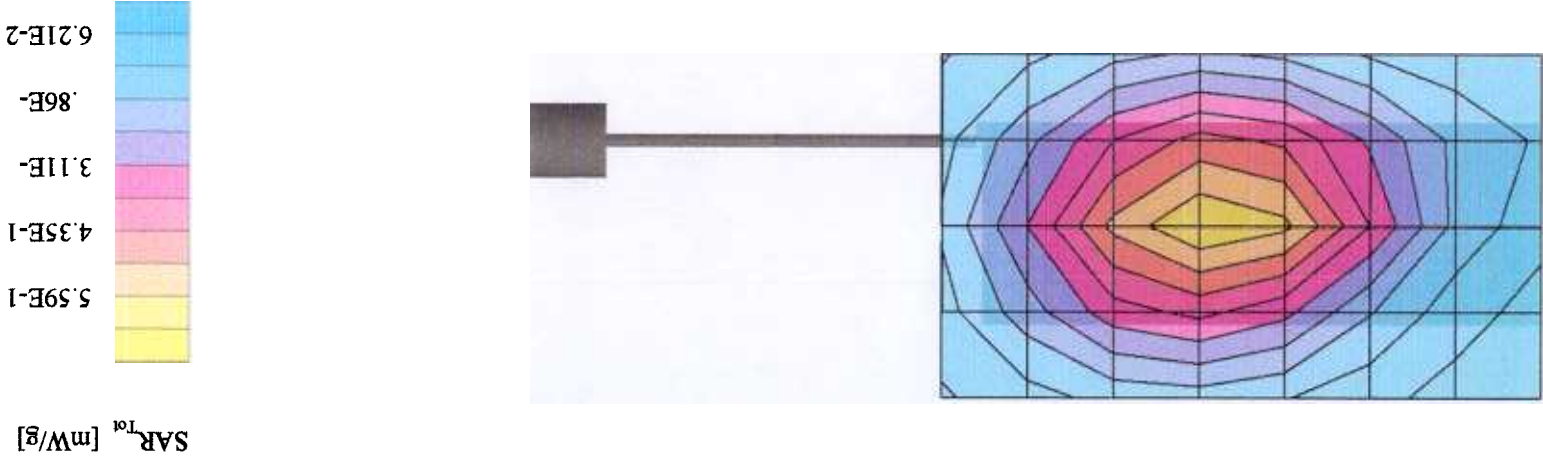
Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 849 MHz
Probe: ET3DVS - SN1333; ConvF(5.70,5.70,5.70); Crest factor: 1.0; Muscle 849MHz: $\sigma = 0.90 \text{ mho/m}$, $\epsilon_r = 51.0$, $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 0.588 mW/g, SAR (10g): 0.422 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdntf: -0.22 dB, AMPS, With Belt Clip



Wireless TDM -3100

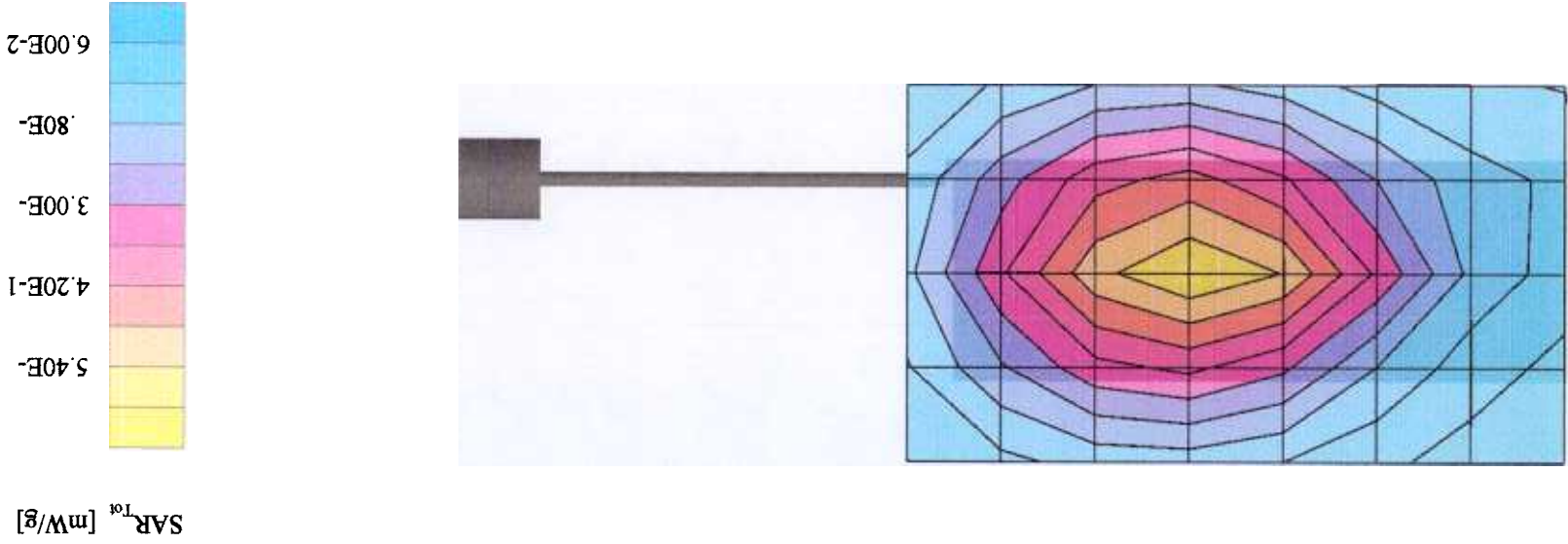
Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 824 MHz
Probe: ET3DV5 - SN1333; ConvF(5.70,5.70); Crest factor: 1.0; Muscle 824MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 53.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.597 mW/g; SAR (10g): 0.432 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdnt: -0.40 dB, AMPS, Ch991, 250mW, Facedown with belt clip and Thick Li battery



#53

Wireless TDM -3100

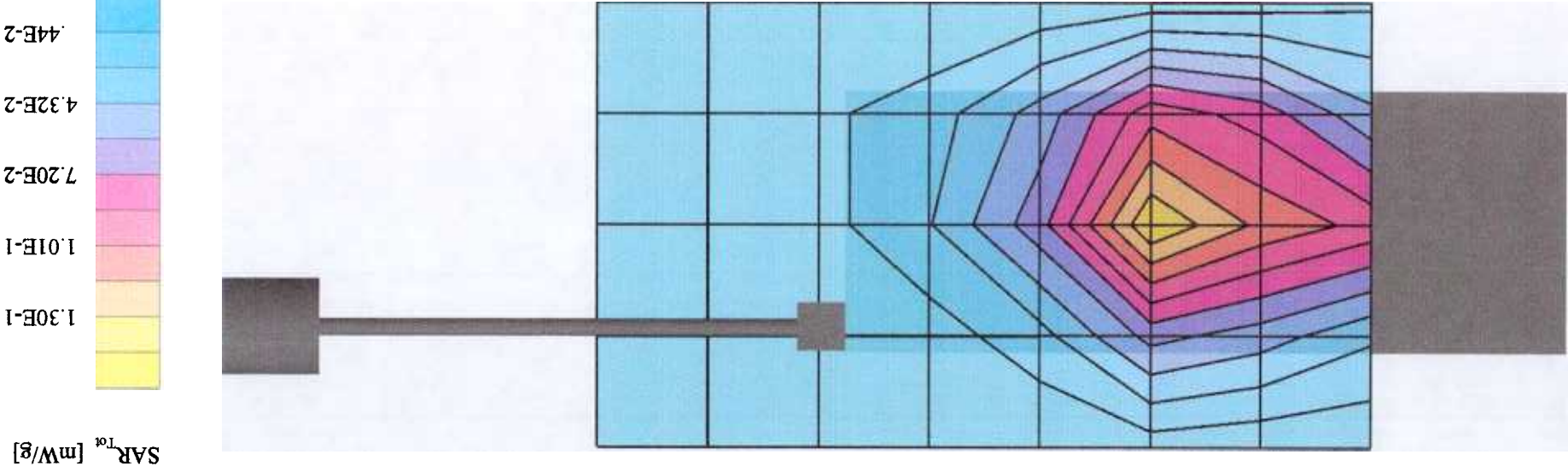
Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 824 MHz
Probe: ET3DV5 - SN1333; ConvF(5.70,5.70); Crest factor: 1.0; Muscle 824MHz: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 53.8$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.586 mW/g, SAR (10g): 0.425 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdnt: -0.11 dB, AMPS, Ch991, 250mW, Fcaedown with Thin Li battery



54

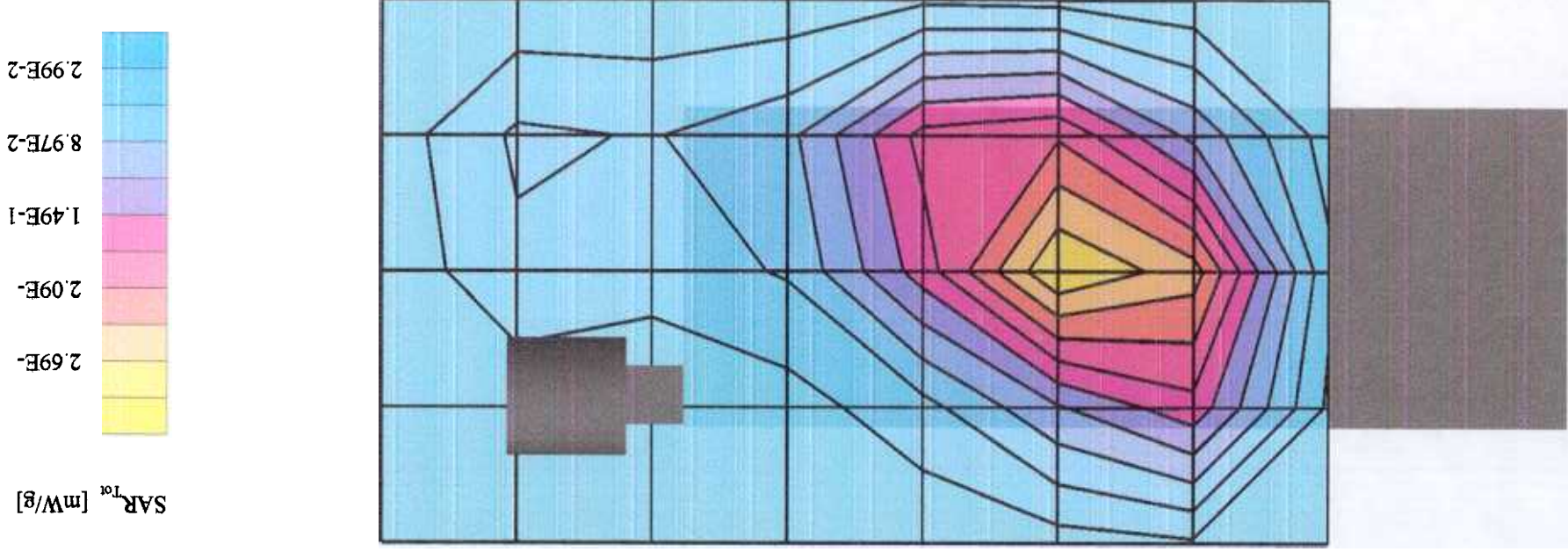
Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 1850 MHz
Probe: ET3DVS - SN1333; ConvF(5.03,5.03); Crest factor: 3.0; Muscle 1850 MHz: $\sigma = 1.81 \text{ mho/m}$ $\epsilon_r = 52.5$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.166 mW/g, SAR (10g): 0.0927 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdntf: -0.50 dB; Face down with Belt Clip



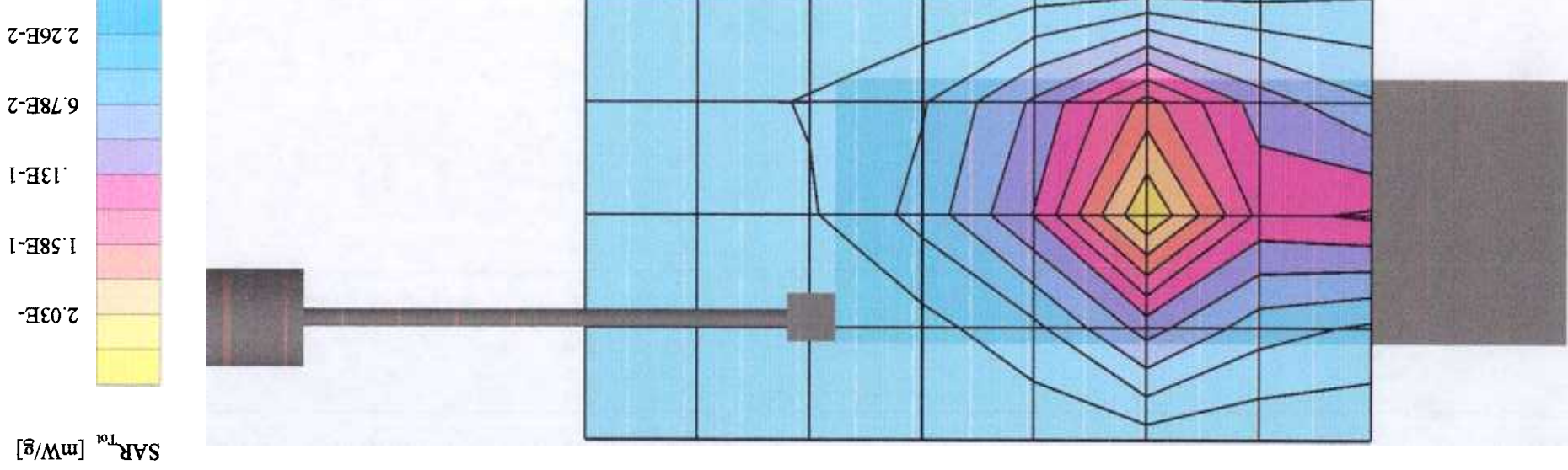
Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 1850 MHz
 Probe: ET3DVS - SN1333; ConvF(5.03,5.03); Crest factor: 3.0; Muscle 1850 MHz: $\sigma = 1.61 \text{ mho/m}$ $\epsilon_r = 52.5$ $\rho = 1.00 \text{ g/cm}^3$
 Cube 5x5x7: SAR (1g): 0.346 mW/g, SAR (10g): 0.199 mW/g, (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdnt: -0.03 dB; Face down with Belt Clip



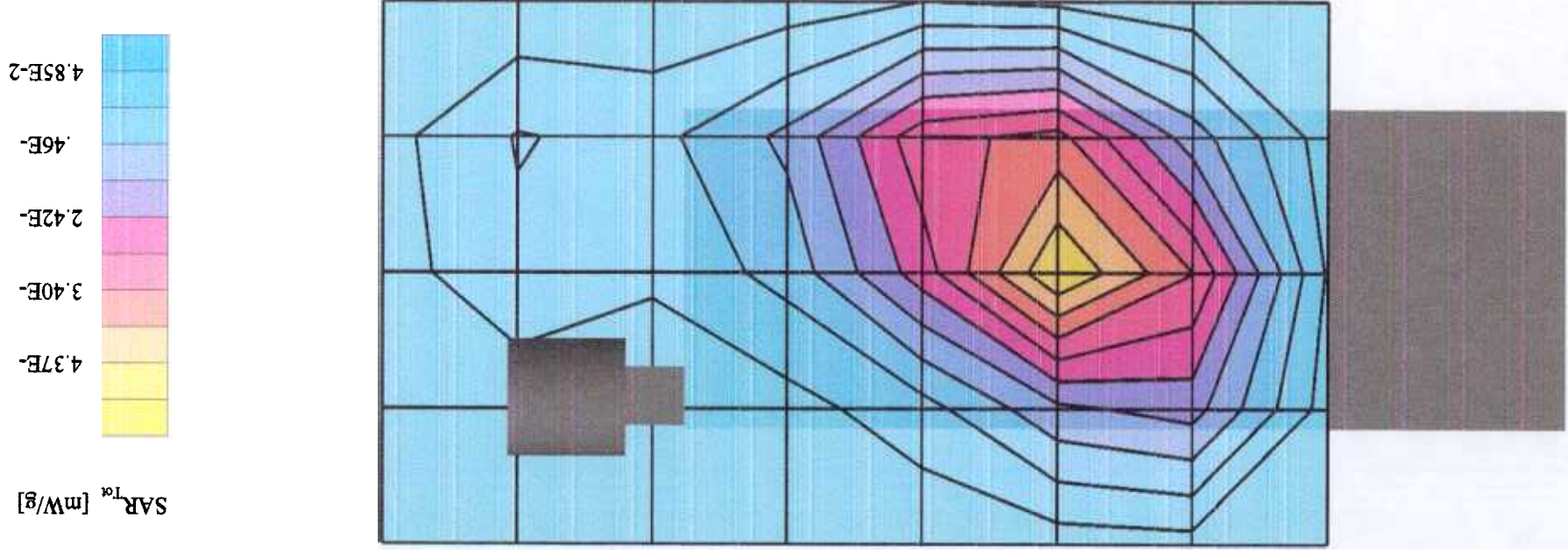
Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 1880 MHz
 Probe: ET3DV5 - SN1333; ConvF(5.03,5.03,5.03); Crest factor: 3.0; Muscle 1880 MHz: $\sigma = 1.65 \text{ mho/m}$, $\epsilon_r = 52.2$, $\rho = 1.00 \text{ g/cm}^3$
 Cube 5x5x7: SAR (1g): 0.251 mW/g, SAR (10g): 0.142 mW/g, (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdirt: -0.10 dB; Face down with Belt Clip



Wireless TDM -3100

Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 1880 MHz
 Probe: ET3DVS - SN1333; ConvF(5.03,5.03,5.03); Crest factor: 3.0; Muscle 1880 MHz: $\sigma = 1.65 \text{ mho/m}$ $\epsilon_r = 52.2$ $\rho = 1.00 \text{ g/cm}^3$
 Cube 5x5x7; SAR (1g): 0.534 mW/g, SAR (10g): 0.305 mW/g, (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdnt: -0.21 dB; Face down with Belt Clip



Wireless TDM -3100

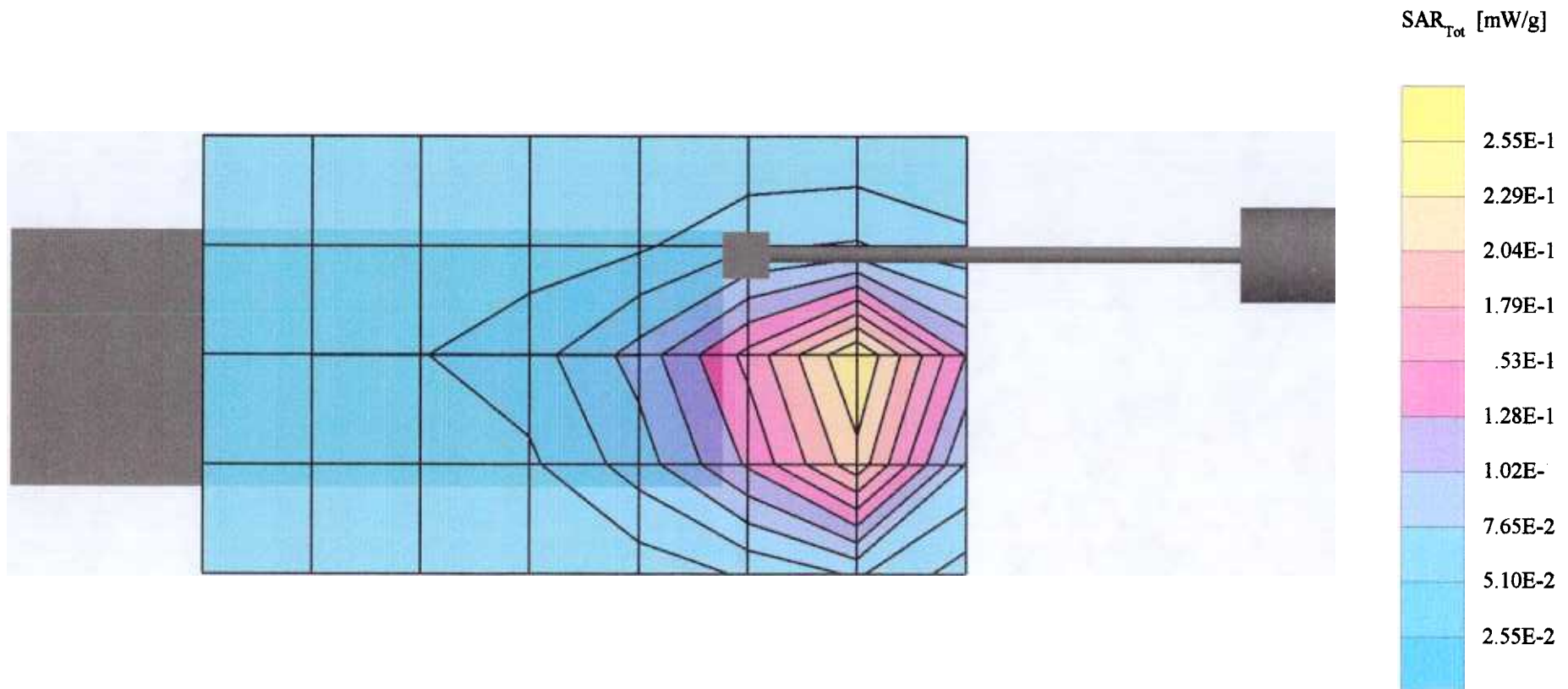
Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 1909 MHz

Probe: ET3DV5 - SN1333; ConvF(5.03,5.03,5.03); Crest factor: 3.0; Muscle 1900 MHz: $\sigma = 1.69$ mho/m $\epsilon_r = 52.1$ $\rho = 1.00$ g/cm³

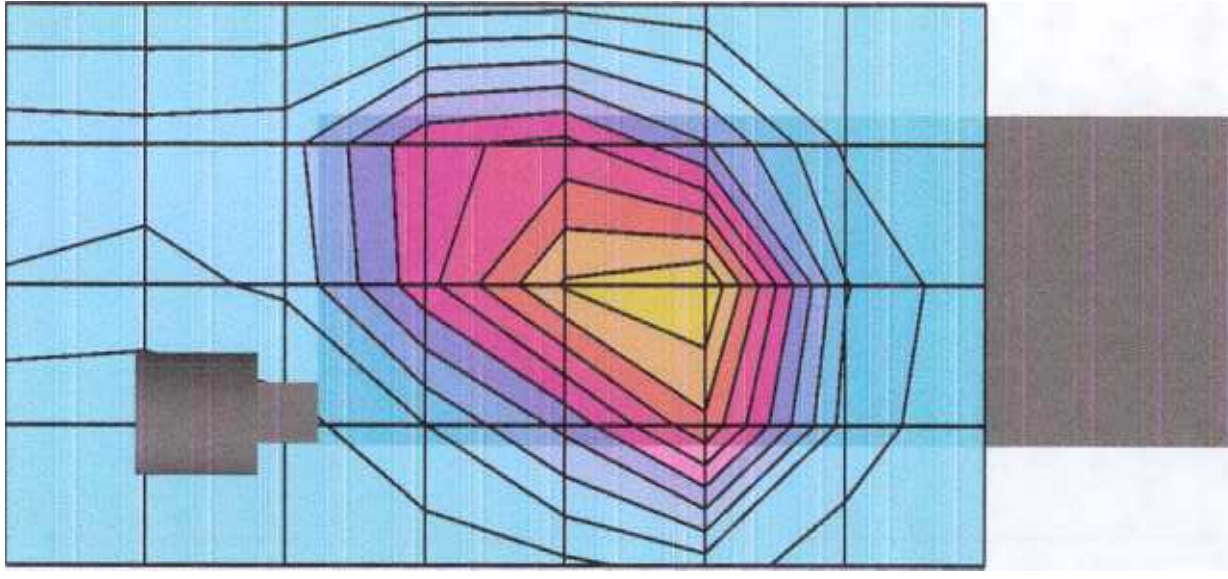
Cube 5x5x7: SAR (1g): 0.270 mW/g, SAR (10g): 0.153 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.07 dB; Face down with Belt Clip



Wireless TDM -3100
 Generic Twin Phantom; Flat Section; Position: (90°,90°); Frequency: 1909 MHz
 Probe: ET3DVS - SN1333; ConvF(5.03,5.03,5.03); Crest factor: 3.0; Muscle 1900 MHz; $\sigma = 1.69 \text{ mho/m}$ $\epsilon_r = 52.1$ $\rho = 1.00 \text{ g/cm}^3$
 Cube 5x5x7; SAR (1g): 0.404 mW/g; SAR (10g): 0.234 mW/g; (Worst-case extrapolation)
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Powerdnt: -0.08 dB; Face down with Belt Clip



SAR_{tot} [mW/g]

3.69E-2
1.11E-1
1.85E-1
2.58E-1
3.32E-1