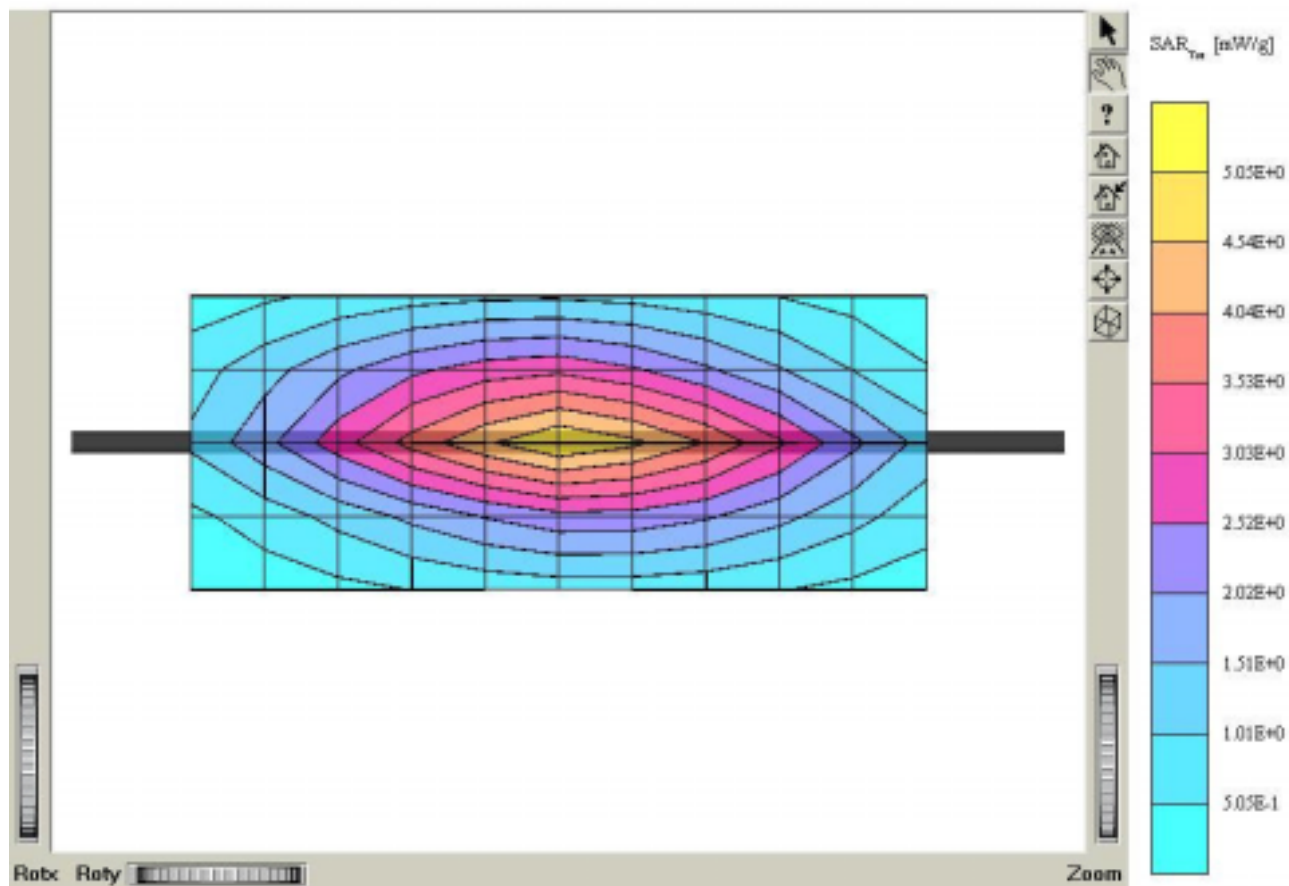


APPENDIX D – DIPOLE VALIDATION PLOTS

d

Dipole 450 MHz

SAM II Phantom: Rat Section: Position: (90°, 90°): Frequency: 450 MHz
 Probe: ET3DV6 - SN1608: ConvF(7.40, 7.40, 7.40): Crest factor: 1.0: Brain 450 MHz: $\sigma = 0.84$ mho/m $\epsilon_r = 44.0$ $\rho = 1.00$ g/cm³
 Cubes (2): SAR (1g): 4.70 mW/g ± 0.03 dB, SAR (10g): 3.07 mW/g ± 0.02 dB
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 : Powerdnt: -0.01 dB
 Comment
 Dipole Validation (D450V2/ S.N: 1007)
 450MHz Brain
 Antenna Input Power: 30dBm (1 W)
 HCT Co., Ltd. Brain Tissue Simulating Liquid
 Liquid Temperature: 21.8 °C
 Date Tested: November 18, 2002



d

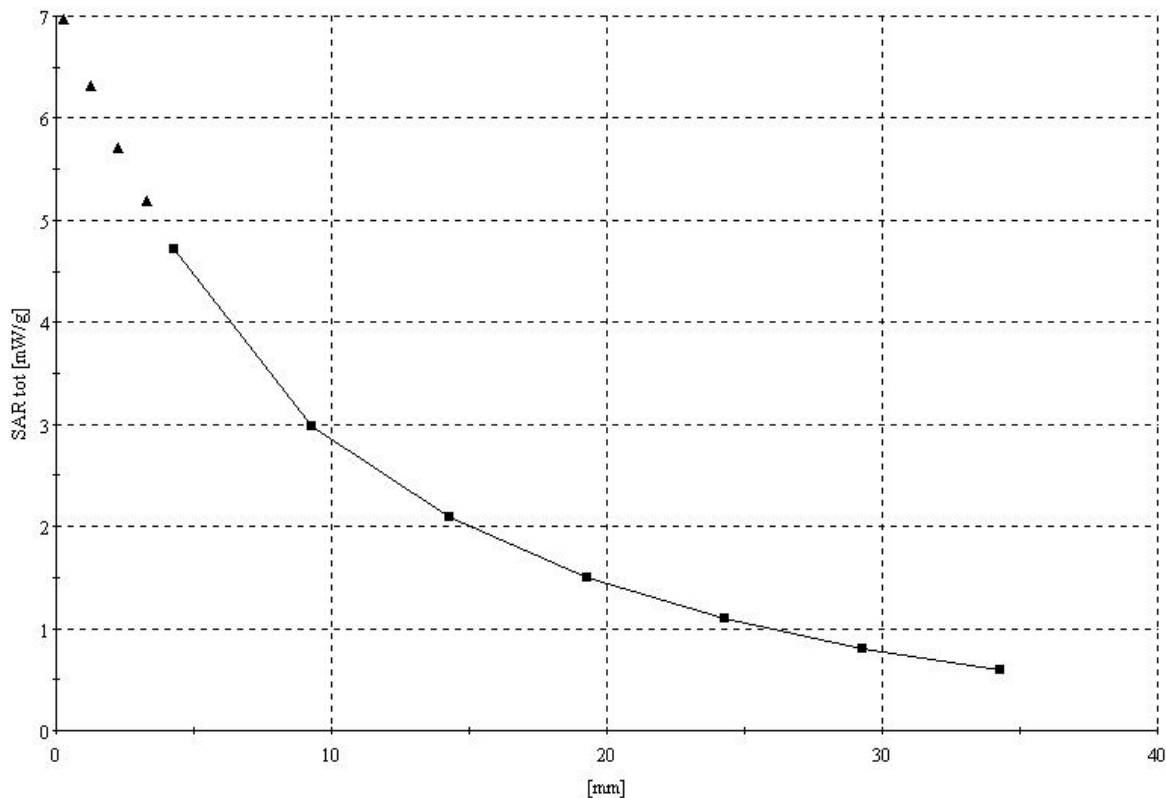
d

Dipole 450 MHz

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
 Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Brain 450 MHz: $s = 0.84 \text{ mho/m}$, $e_r = 44.0$, $r = 1.00 \text{ g/cm}^3$
 Cubes (2): SAR (1g): $4.70 \text{ mW/g} \pm 0.03 \text{ dB}$, SAR (10g): $3.07 \text{ mW/g} \pm 0.02 \text{ dB}$
 Cube 5x5x7: $D_x = 8.0$, $D_y = 8.0$, $D_z = 5.0$

Comment:

Dipole Validation (D450V2/ S.N: 1007)
 450MHz Brain
 Antenna Input Power: 30dBm (1 W)
 HCT Co., Ltd. Brain Tissue Simulating Liquid
 Liquid Temperature: 21.8 °C
 Date Tested: November 18, 2002



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Report No.: HCT-SAR02-1102

FCC ID : OAJJGG-2002

Date : November 20, 2002

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