

Dipole 835 MHz

SAM 1020 (L); Flat

Probe: ET3DV6 - SN1539; ConvF(6.15,6.15,6.15); Crest factor: 1.0; Head 835 MHz: $\sigma = 0.91$ mho/m $\epsilon_r = 42.0$ $\rho = 1.00$ g/cm³

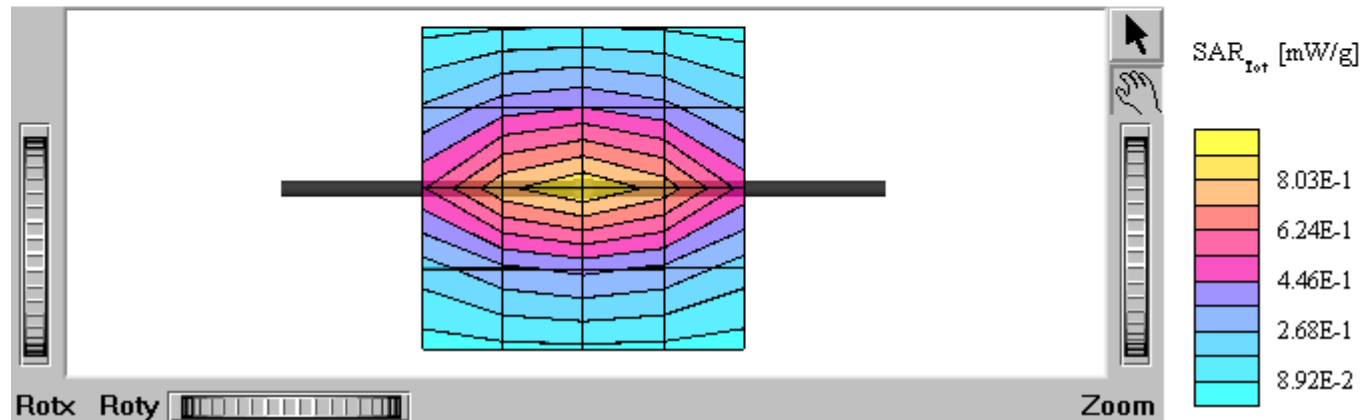
Cubes (2): Peak: 1.47 mW/g ± 0.12 dB, SAR (1g): 0.972 mW/g ± 0.14 dB, SAR (10g): 0.631 mW/g ± 0.15 dB, (Worst-case extrapolation)

Penetration depth: 12.7 (12.1, 13.4) [mm]

Powerdrift: 0.02 dB

Output power: 99.3

File name: Validation 835HEAD_SN428_SAM1020_11_13_01, Date: 11/13/01



835 MHz SAR distribution of validation dipole antenna from system accuracy verification test on November 13, 2001.
Using head tissue.

T60ds

SAM 1031 (R); Flat

Probe: ET3DV6 - SN1539; ConvF(5.95,5.95,5.95); Crest factor: 1.0; Muscle 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 55.8$ $\rho = 1.00$ g/cm³

Cube 5x5x7: Peak: 0.855 mW/g, SAR(1g): 0.631 mW/g, SAR(10g): 0.455 mW/g, (Worst-case extrapolation)

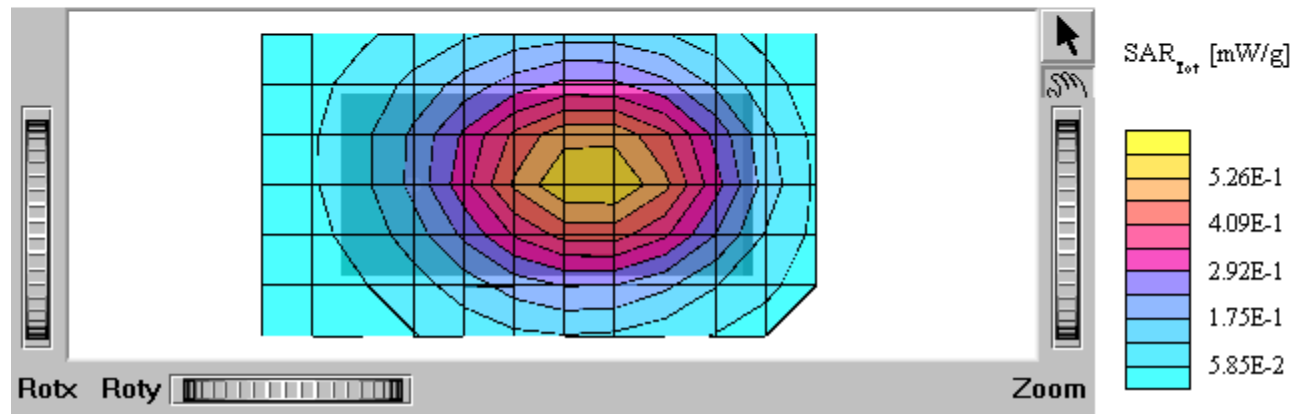
Penetration depth: 17.1 (16.4, 17.8) [mm]

Powerdrift: -0.00 dB

SN:UA2020LW06 Holster: SXX 109 4705 Hands free: RLF 501 25/03

Battery: BKB 193 1052

File name: FCC body T60ds AMPS CH991_LW06_BF01, Date: 11/15/01



Distribution of maximum SAR in 800 AMPS band. Measured with front of device facing the body using carry accessory SXX 109 405 and hands free accessory RLF 501 25/03.