

GMRS-7001

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1609; ConvP(7.60,7.60,7.60); Crest factor: 1.0; Body 450 MHz: $\sigma = 0.94$ mho/m $\epsilon_r = 55.6$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 2.15 mW/g, SAR (10g): 1.60 mW/g

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

Powerdrift: 0.06 dB

Comment:

FCC ID : PDHGMRS7001

Company: TTI TECH CO., LTD.

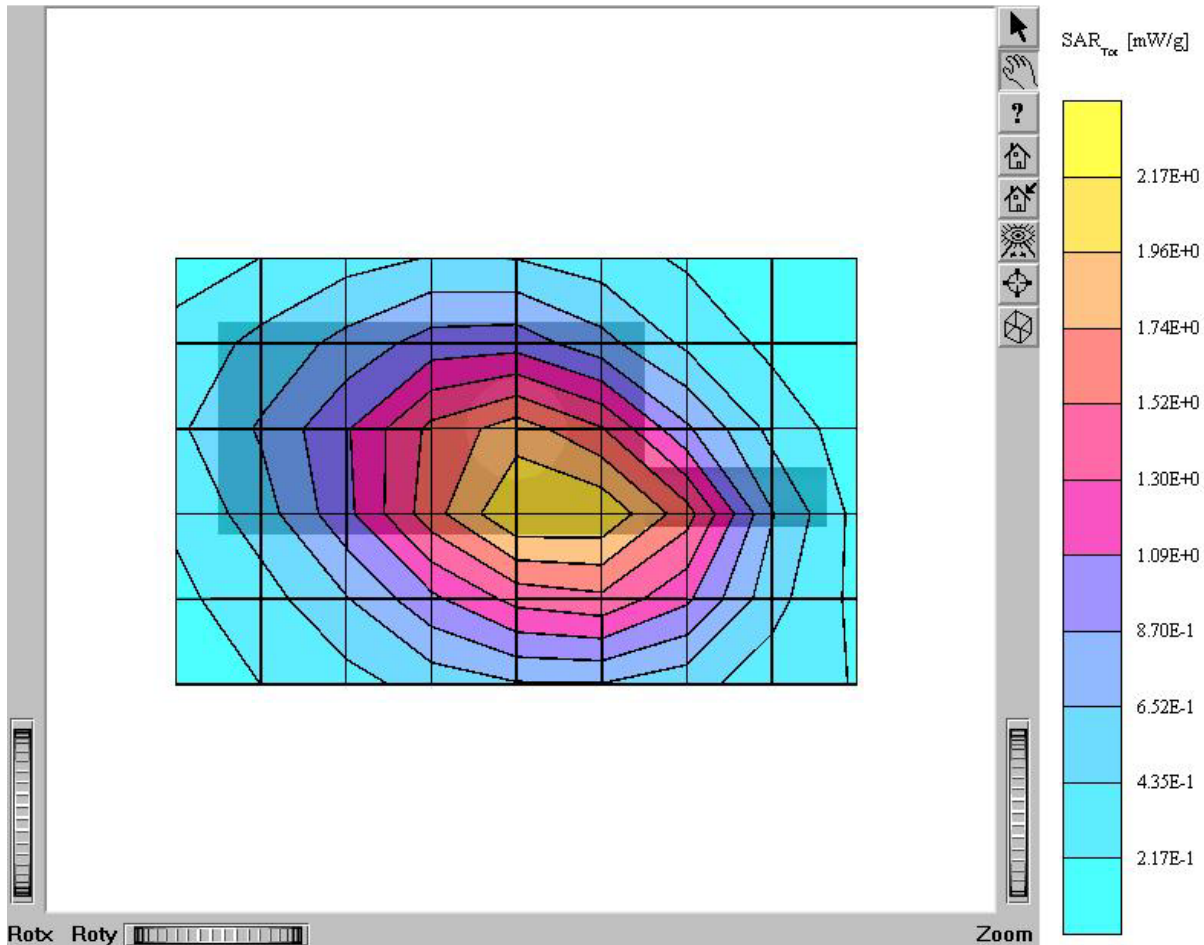
Body / Antenna: in (fixed)

DC Power Supply : 7.5 V

Mode: FM GMRS Channel: 15 (462.5500 MHz)

Liquid Temperature: 21.3 °C

Date Tested: March 26, 2003



Dipole 450 MHz

SAM I 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: $\sigma = 0.87$ mho/m $\epsilon_r = 44.4$ $\rho = 1.00$ g/cm³

Cubes (2): SAR (1g): 5.12 mW/g ± 0.00 dB, SAR (10g): 3.55 mW/g ± 0.00 dB

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

Powerdrift: -0.02 dB

Comment:

Dipole Validation (D450V2/ S.N: 1007)

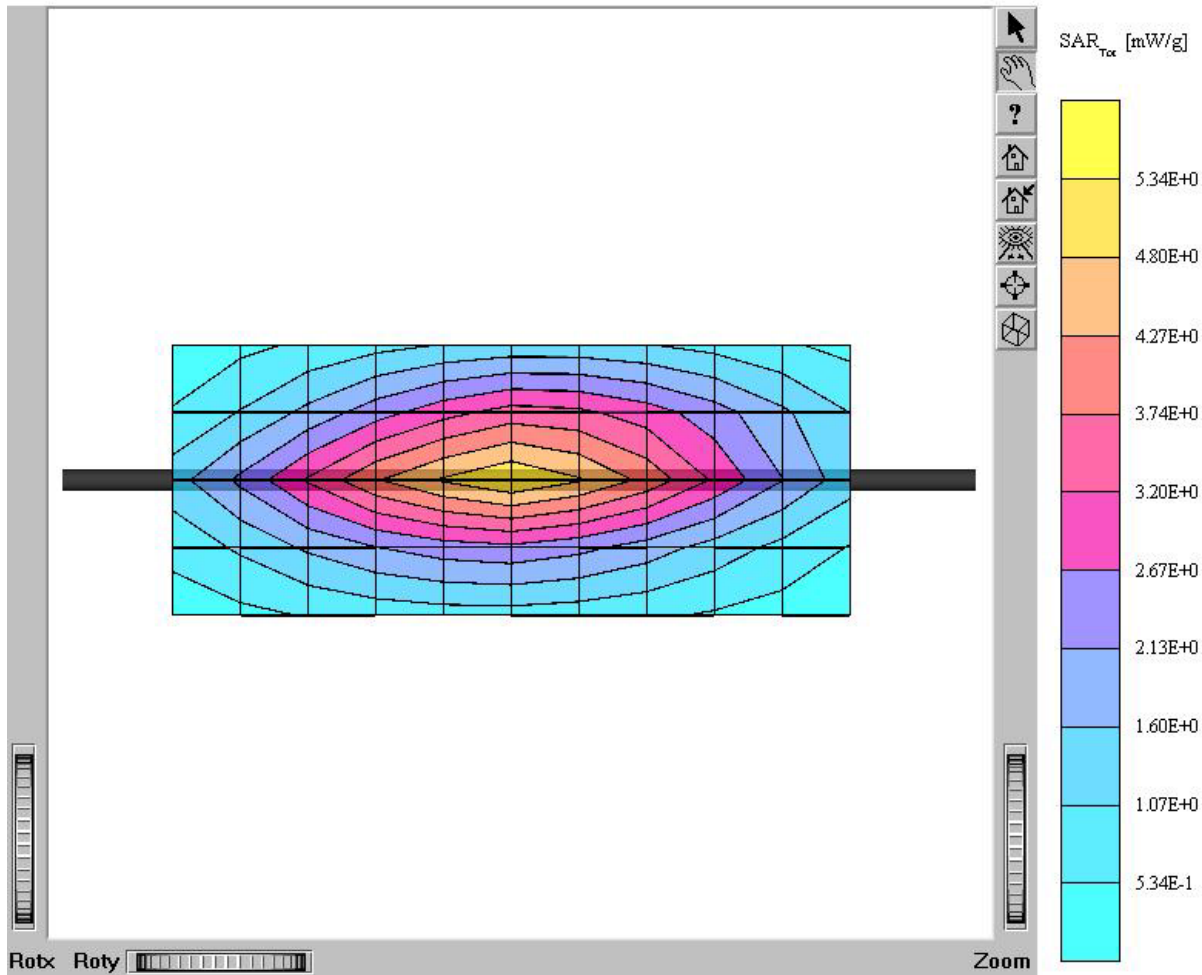
450MHz Brain

Antenna Input Power: 30dBm (1 W)

HCT Co., Ltd. Brain Tissue Simulating Liquid

Liquid Temperature: 21.3 °C

Date Tested: March 26, 2003



Title : GMRS7001

SubTitle : 450 MHz Brain

March 26, 2003 09:17 AM

Frequency	e'	e''
400.000000 MHz	45.6304	37.2626
405.000000 MHz	45.5717	36.9974
410.000000 MHz	45.4379	36.7700
415.000000 MHz	45.3189	36.4853
420.000000 MHz	45.2061	36.2264
425.000000 MHz	45.1234	35.8898
430.000000 MHz	45.0091	35.7224
435.000000 MHz	44.8367	35.4129
440.000000 MHz	44.7048	35.2194
445.000000 MHz	44.5150	35.0017
450.000000 MHz	44.3665	34.7828
455.000000 MHz	44.2942	34.5568
460.000000 MHz	44.1307	34.4423
465.000000 MHz	44.0284	34.1204
470.000000 MHz	43.9484	34.0361
475.000000 MHz	43.7752	33.9156
480.000000 MHz	43.6980	33.6051
485.000000 MHz	43.6285	33.4397
490.000000 MHz	43.5807	33.2914
495.000000 MHz	43.4116	33.1322
500.000000 MHz	43.2788	32.8680

Title : GMRS7001

SubTitle : 450 MHz Body

March 26, 2003 09:05 AM

Frequency	e'	e''
400.000000 MHz	56.1793	40.4186
405.000000 MHz	56.0618	40.1949
410.000000 MHz	56.1233	39.8501
415.000000 MHz	56.0047	39.5451
420.000000 MHz	55.9297	39.1880
425.000000 MHz	55.9180	38.9479
430.000000 MHz	55.8773	38.6580
435.000000 MHz	55.8375	38.4726
440.000000 MHz	55.6841	38.0979
445.000000 MHz	55.6121	37.8316
450.000000 MHz	55.5720	37.5262
455.000000 MHz	55.5224	37.2664
460.000000 MHz	55.4207	37.1162
465.000000 MHz	55.3665	36.9130
470.000000 MHz	55.2118	36.7528
475.000000 MHz	55.0135	36.5415
480.000000 MHz	54.8501	36.2194
485.000000 MHz	54.8428	36.0324
490.000000 MHz	54.6208	35.7520
495.000000 MHz	54.4505	35.4494
500.000000 MHz	54.5895	35.2778

