

APPENDIX C – DIPOLE VALIDATION PLOTS

Dipole 900 MHz

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 900 MHz

Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 900 MHz: $\sigma = 0.93$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³Cubes (2): SAR (1g): 10.5 mW/g ± 0.03 dB, SAR (10g): 6.65 mW/g ± 0.01 dB

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

Powerdrift: -0.00 dB

Comment:

Dipole Validation (D900V2/ S.N: 062)

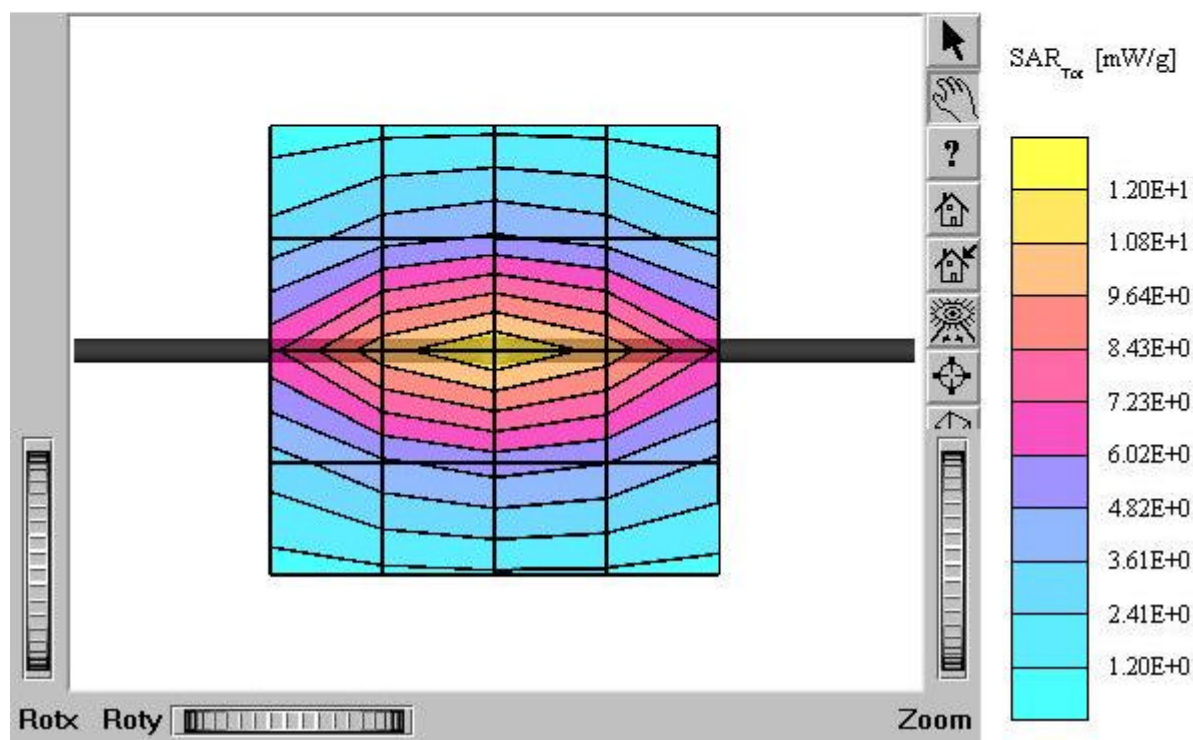
900MHz Brain

Antenna Input Power: 30dBm (1 W)

HCT Co., Ltd. Brain Tissue Simulating Liquid

Liquid Temperature : 21.5 °C

Date Tested : January 13, 2004



Dipole 900 MHz

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Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

Dipole Validation (D900V2/ S.N: 062)

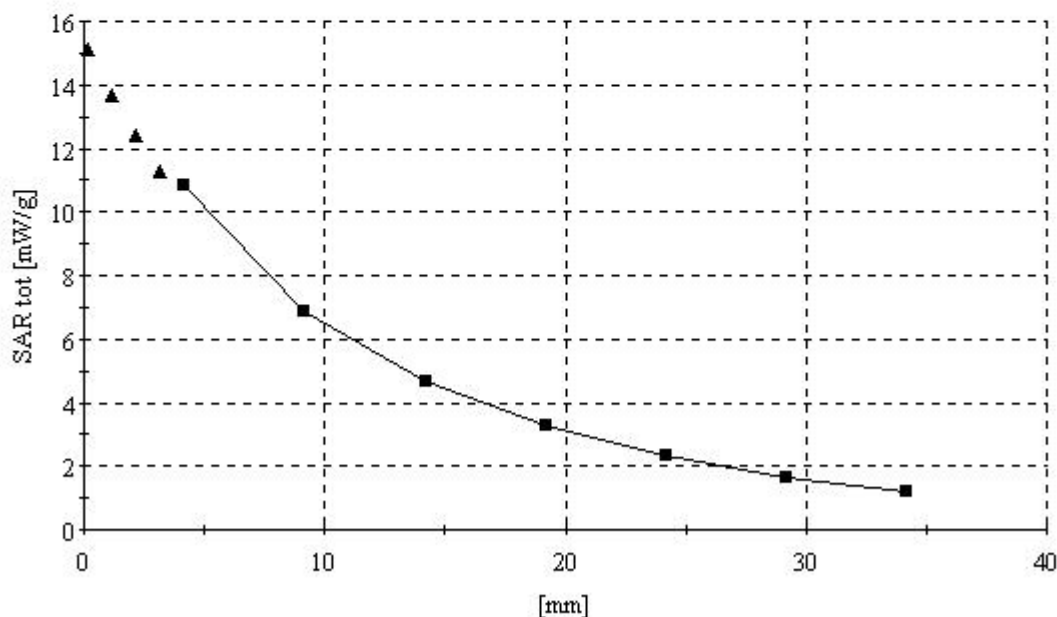
900MHz Brain

Antenna Input Power: 30dBm (1 W)

HCT Co., Ltd. Brain Tissue Simulating Liquid

Liquid Temperature : 21.5 °C

Date Tested : January 13, 2004



Title : DICO XA-1000

SubTitle : 915 MHz Brain

January 13, 2004 03:41 AM

Frequency	e'	e''
850.000000 MHz	42.3146	18.8951
855.000000 MHz	42.2754	18.8985
860.000000 MHz	42.1674	18.8399
865.000000 MHz	41.9851	18.7326
870.000000 MHz	41.9089	18.7381
875.000000 MHz	41.8299	18.7649
880.000000 MHz	41.7451	18.6827
885.000000 MHz	41.6561	18.6679
890.000000 MHz	41.4887	18.6370
895.000000 MHz	41.3411	18.5169
900.000000 MHz	41.2829	18.5592
905.000000 MHz	41.2456	18.6344
910.000000 MHz	41.1632	18.6541
915.000000 MHz	41.1066	18.6904
920.000000 MHz	41.0830	18.7360
925.000000 MHz	41.0465	18.7997
930.000000 MHz	41.0061	18.8160
935.000000 MHz	40.9486	18.8518
940.000000 MHz	40.9664	18.8498
945.000000 MHz	40.8464	18.8477
950.000000 MHz	40.8183	18.8316

Title : DICO XA-1000

SubTitle : 915 MHz Body

January 13, 2004 09:23 AM

Frequency	e'	e''
850.000000 MHz	55.7176	21.0646
855.000000 MHz	55.6034	21.0110
860.000000 MHz	55.6055	20.9457
865.000000 MHz	55.5456	20.9698
870.000000 MHz	55.4742	20.9338
875.000000 MHz	55.3976	20.8682
880.000000 MHz	55.3347	20.9154
885.000000 MHz	55.2365	20.8436
890.000000 MHz	55.1980	20.8653
895.000000 MHz	55.0850	20.8167
900.000000 MHz	55.0114	20.7845
905.000000 MHz	54.9968	20.7917
910.000000 MHz	54.9484	20.7396
915.000000 MHz	54.8209	20.7203
920.000000 MHz	54.8104	20.7054
925.000000 MHz	54.8026	20.7203
930.000000 MHz	54.8086	20.6675
935.000000 MHz	54.7638	20.6514
940.000000 MHz	54.7773	20.6263
945.000000 MHz	54.6673	20.6685
950.000000 MHz	54.6563	20.6536