

SAR Data Report 03011701

Start : 17-Jan-03 10:17:26 am
End : 17-Jan-03 10:22:41 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Validation
Frequency : 2440 MHz
Transmit Pwr : 0.050 W
Antenna Type : Dipole

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 39.340
Tissue Conductivity : 1.770
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 2440 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.340
Calibrated Conductivity : 1.770
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 8.800
Probe Sensitivity : 3.026 3.290 3.570 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 1000 Samples
NIDAQ Gain: 5

Comments:

2440 MHz Validation

CF=1; Amb. Temp= 23.3 'C; Liq. Temp=22.0 'C

Area Scan - Max Peak SAR Value at x=-4.0 y=0.0 = 2.36 W/kg

Zoom Scan - Max Peak SAR Value at x=-3.0 y=0.0 z=0.0 = 6.07 W/kg

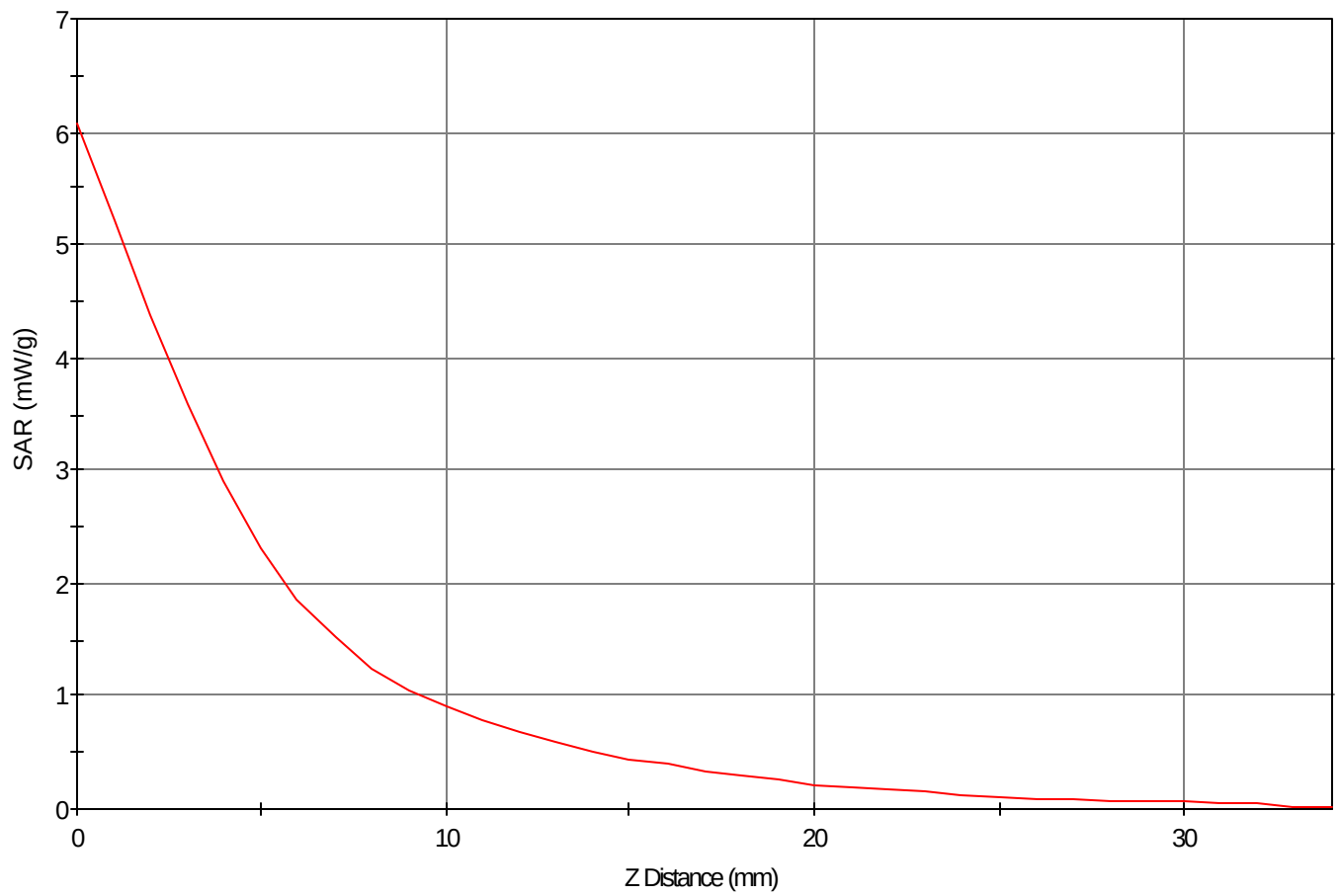
Max 1g SAR at x=-3.0 y=1.0 z=0.0 = 2.75 W/kg

Max 10g SAR at x=-3.0 y=1.0 z=0.0 = 1.14 W/kg

Validation Results at 0.05 W:

1g Nominal = 2.6, Error: 4.92 %

SAR - Z Axis
at Hotspot x:-3.0 y:0.0



1g SAR Values

