

SAR Data Report 03062401

Start : 24-Jun-03 8:52:37 am
End : 24-Jun-03 8:57:07 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-010
Serial Number : PCT003
Frequency : 2440 MHz
Transmit Pwr : 0.100 W
Antenna Type : Dipole
Antenna Posn. : Validation

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.800
Tissue Conductivity : 1.860
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 : 2.075 2.820 2.456 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

Verification

CF=1; Amb. Temp= 21.7 'C; Liq. Temp=21.0 'C

Area Scan - Max Peak SAR Value at x=-4.0 y=-1.0 = 4.73 W/kg

Zoom Scan - Max Peak SAR Value at x=-4.0 y=-2.0 z=0.0 = 10.92 W/kg

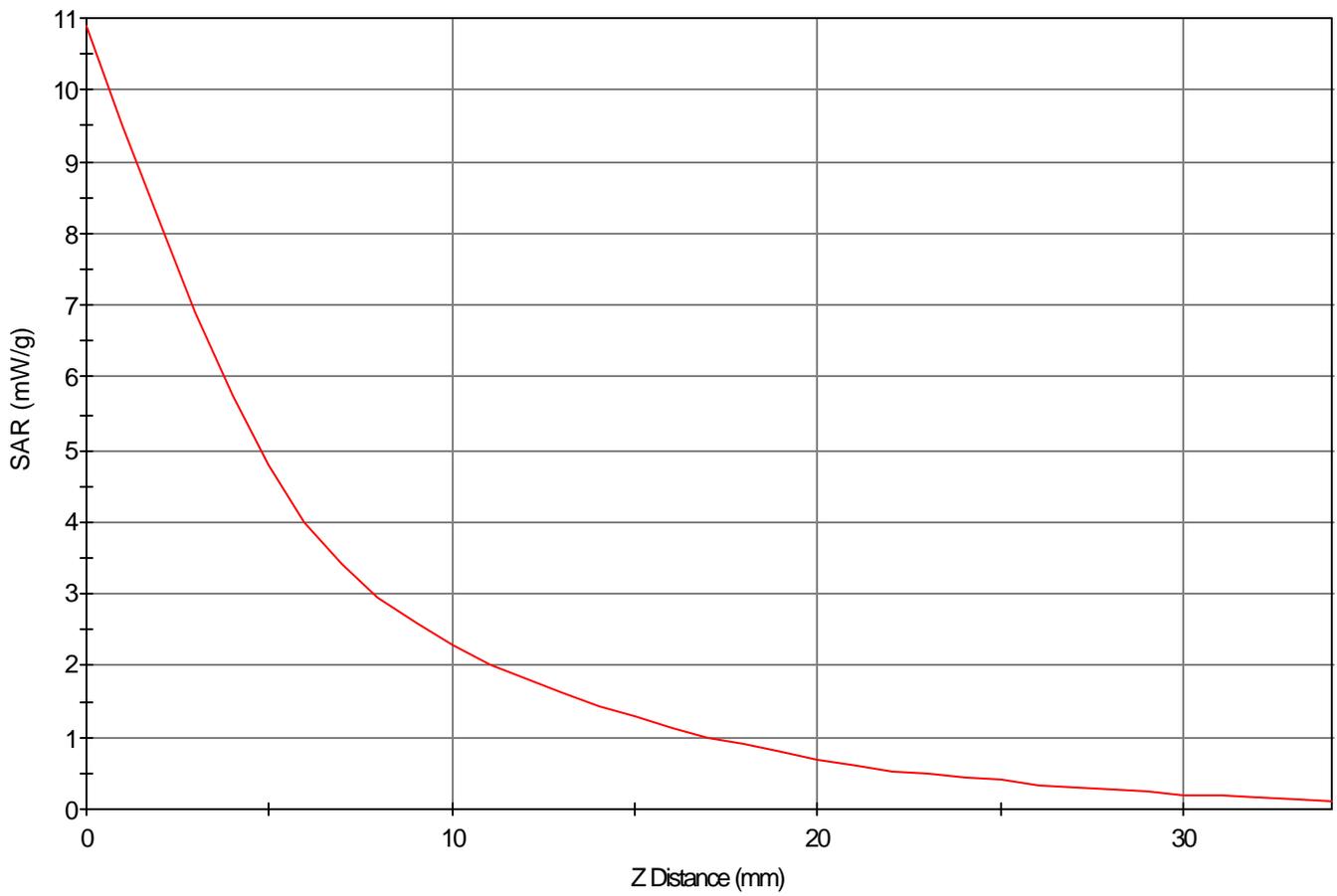
Max 1g SAR at x=-4.0 y=-2.0 z=0.0 = 5.38 W/kg

Max 10g SAR at x=-4.0 y=-2.0 z=0.0 = 2.38 W/kg

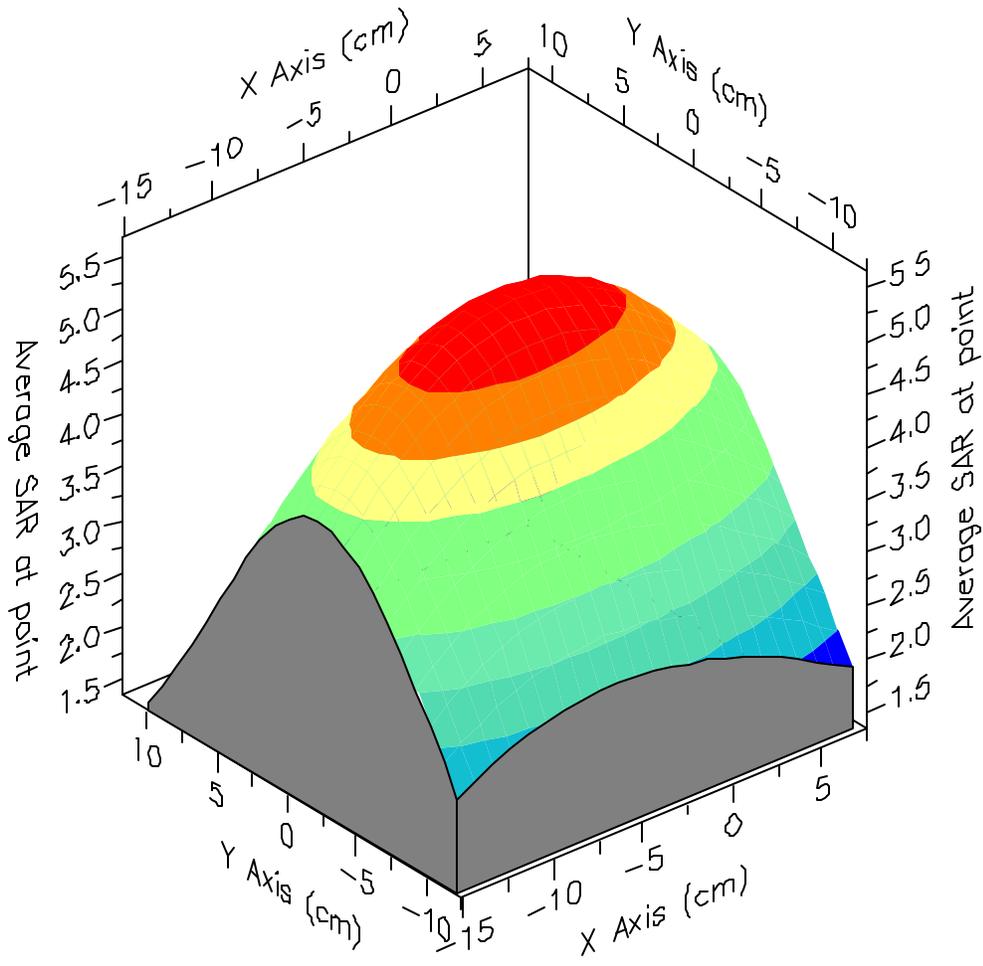
Validation Results at 0.10 W:

Peak Nominal = 10.4, Error: 4.76 %
1g Nominal = 5.2, Error: 2.75 %
10g Nominal = 2.4, Error: -0.87 %

SAR - Z Axis
at Hotspot x:-4.0 y:-2.0



1g SAR Values





SAR Data Report 03062501

Start : 25-Jun-03 8:59:50 am
End : 25-Jun-03 9:04:02 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-010
Serial Number : PCT003
Frequency : 2440 MHz
Transmit Pwr : 0.100 W
Antenna Type : Dipole
Antenna Posn. : Validation

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.800
Tissue Conductivity : 1.860
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 : 2.075 2.820 2.456 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

Verification

CF=1; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Area Scan - Max Peak SAR Value at x=-4.0 y=-1.0 = 4.72 W/kg

Zoom Scan - Max Peak SAR Value at x=-4.0 y=-2.0 z=0.0 = 10.85 W/kg

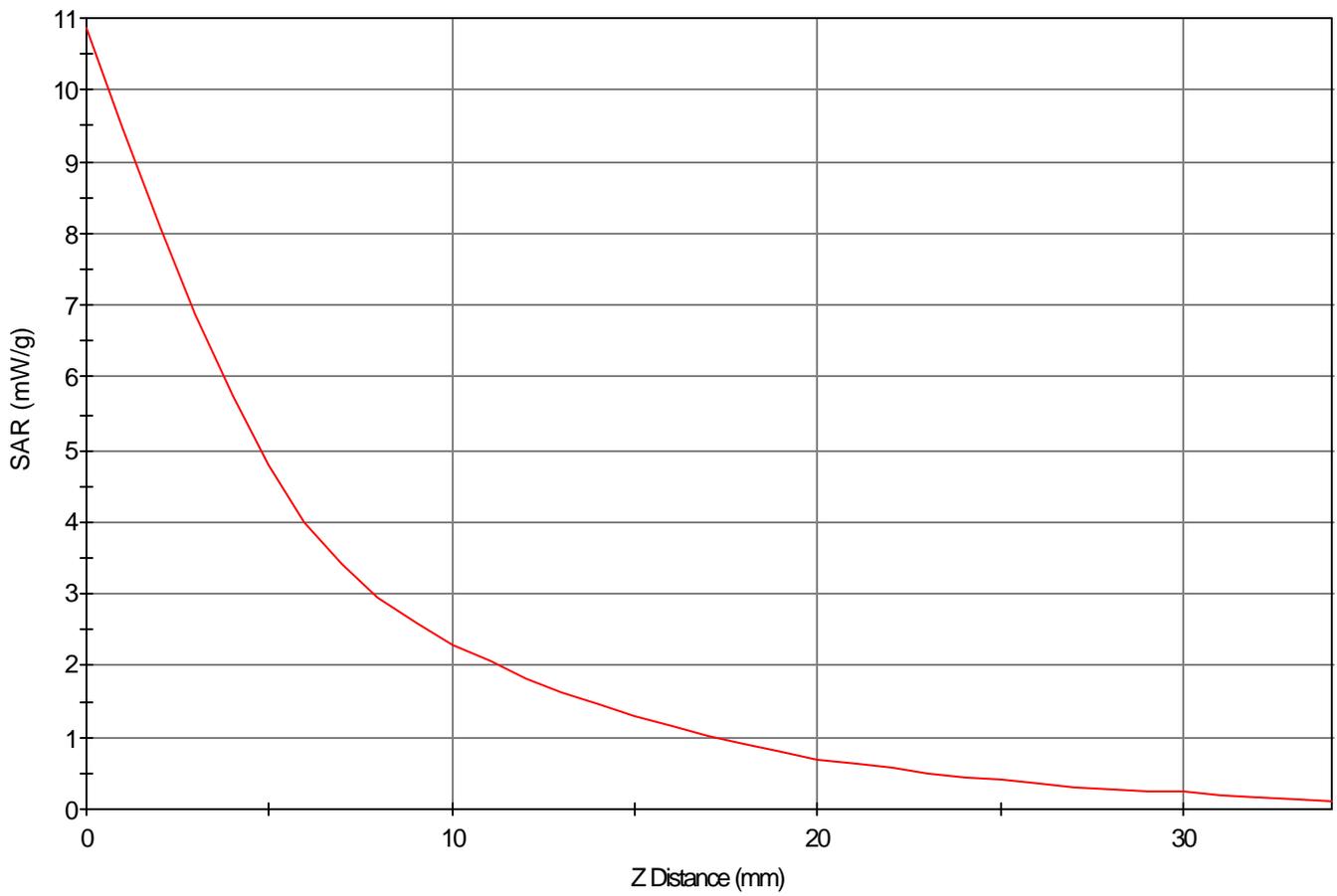
Max 1g SAR at x=-4.0 y=-2.0 z=0.0 = 5.37 W/kg

Max 10g SAR at x=-4.0 y=-2.0 z=0.0 = 2.38 W/kg

Validation Results at 0.10 W:

Peak Nominal = 10.4, Error: 4.17 %
1g Nominal = 5.2, Error: 2.44 %
10g Nominal = 2.4, Error: -0.96 %

SAR - Z Axis
at Hotspot x:-4.0 y:-2.0



1g SAR Values

