

SAR Data Report 04083101

Start : 31-Aug-04 9:00:22 am
End : 31-Aug-04 9:06:03 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-010
Serial Number : PCT003
Frequency : 835 MHz
Transmit Pwr : 0.250 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 41.340
Tissue Conductivity : 0.890
Tissue Density : 1.300
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.240
Calibrated Conductivity : 0.900
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 5.600
Probe Sensitivity : 2.809 3.327 3.274 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

System Verification

CF=1; Amb. Temp= 22.1 'C; Liq. Temp=21.0 'C

Power Drop Test:

Reading @ start = 4.793
Reading @ End = 4.761
Power at End = 99.3%

Area Scan - Max Peak SAR Value at x=5.0 y=-1.0 = 2.16 W/kg

Zoom Scan - Max Peak SAR Value at x=21.0 y=6.0 z=0.0 = 4.08 W/kg

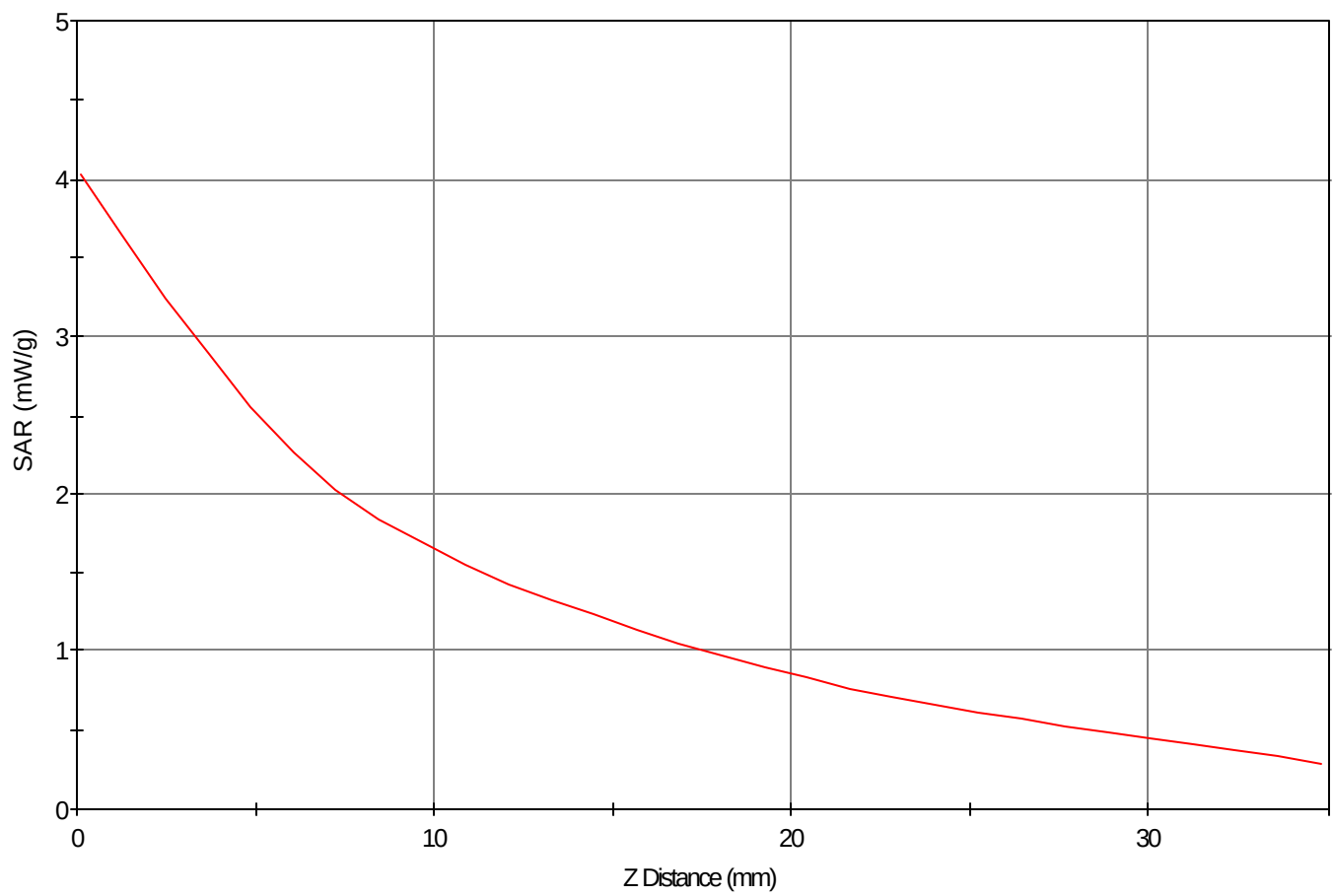
Max 1g SAR at x=5.0 y=-3.0 z=0.0 = 2.25 W/kg

Max 10g SAR at x=4.0 y=-3.0 z=0.0 = 1.54 W/kg

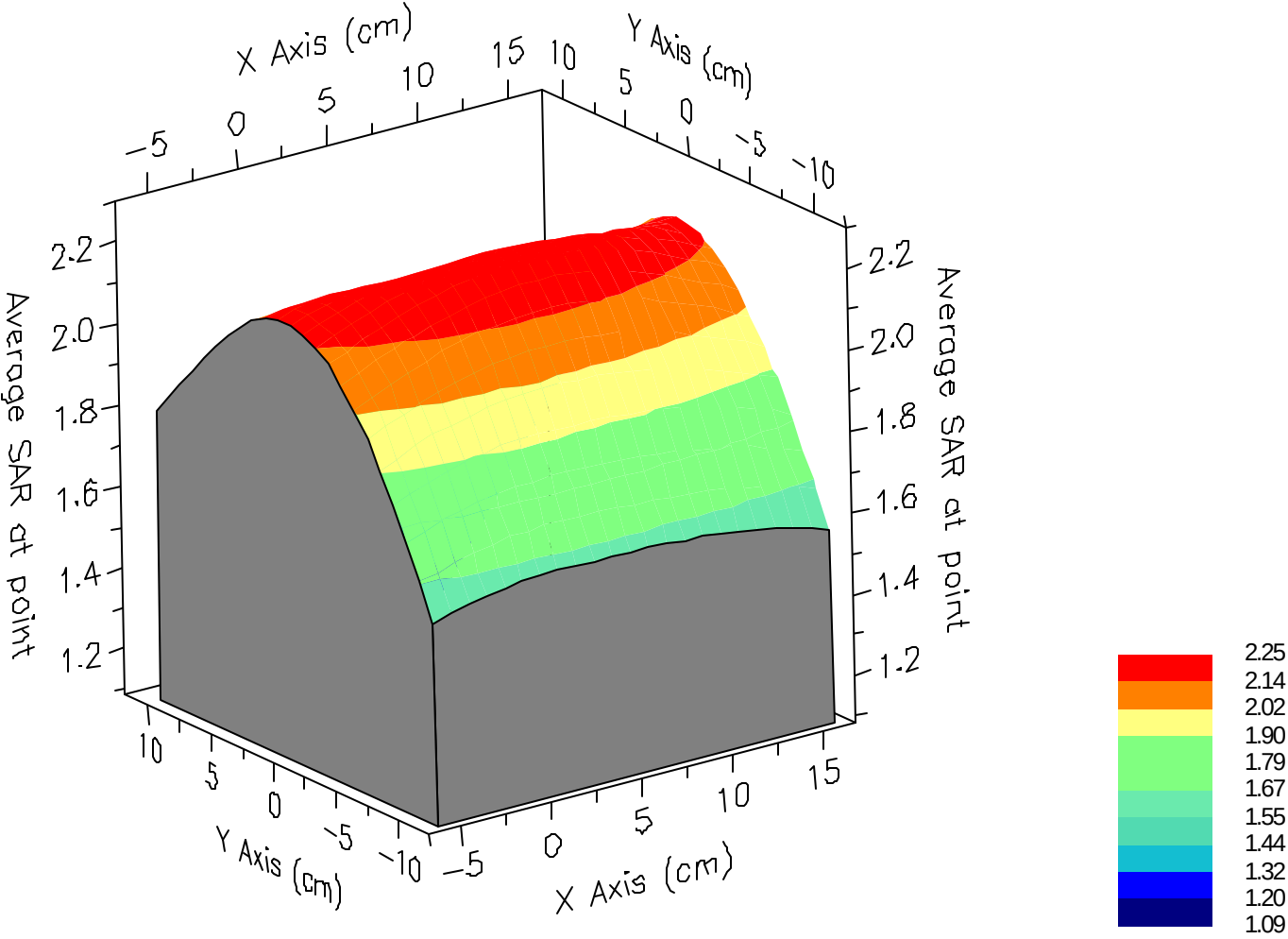
Validation Results at 0.25 W:

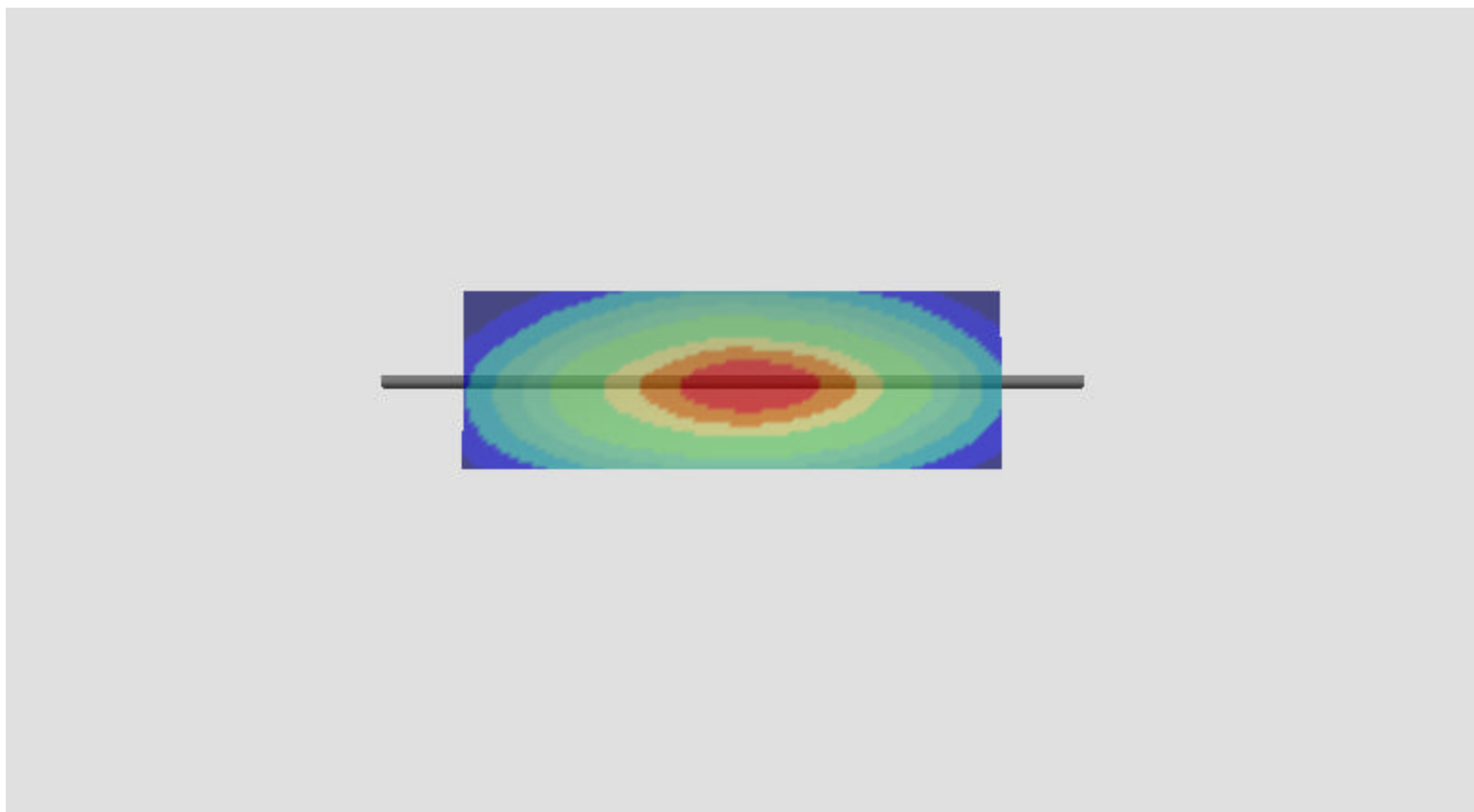
1g Nominal = 2.4, Error: -5.08 %
10g Nominal = 1.6, Error: -3.77 %

SAR - Z Axis
at Hotspot x:21.0 y:6.0



1g SAR Values





SAR Data Report 04090101

Start : 1-Sep-04 09:29:22 am
End : 1-Sep-04 09:36:57 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-010
Serial Number : PCT003
Frequency : 1900 MHz
Transmit Pwr : 0.100 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 39.410
Tissue Conductivity : 1.390
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 41.89
Calibrated Conductivity : 1.390
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.770
Probe Sensitivity : 3.331 3.804 3.975 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

System Verification

CF=1; Amb. Temp= 22.2 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 2.305
Reading @ End = 2.314
Power at End = 100.4%

Area Scan - Max Peak SAR Value at x=-12.0 y=-7.0 = 4.00 W/kg

Zoom Scan - Max Peak SAR Value at x=-9.0 y=-7.0 z=0.0 = 7.97 W/kg

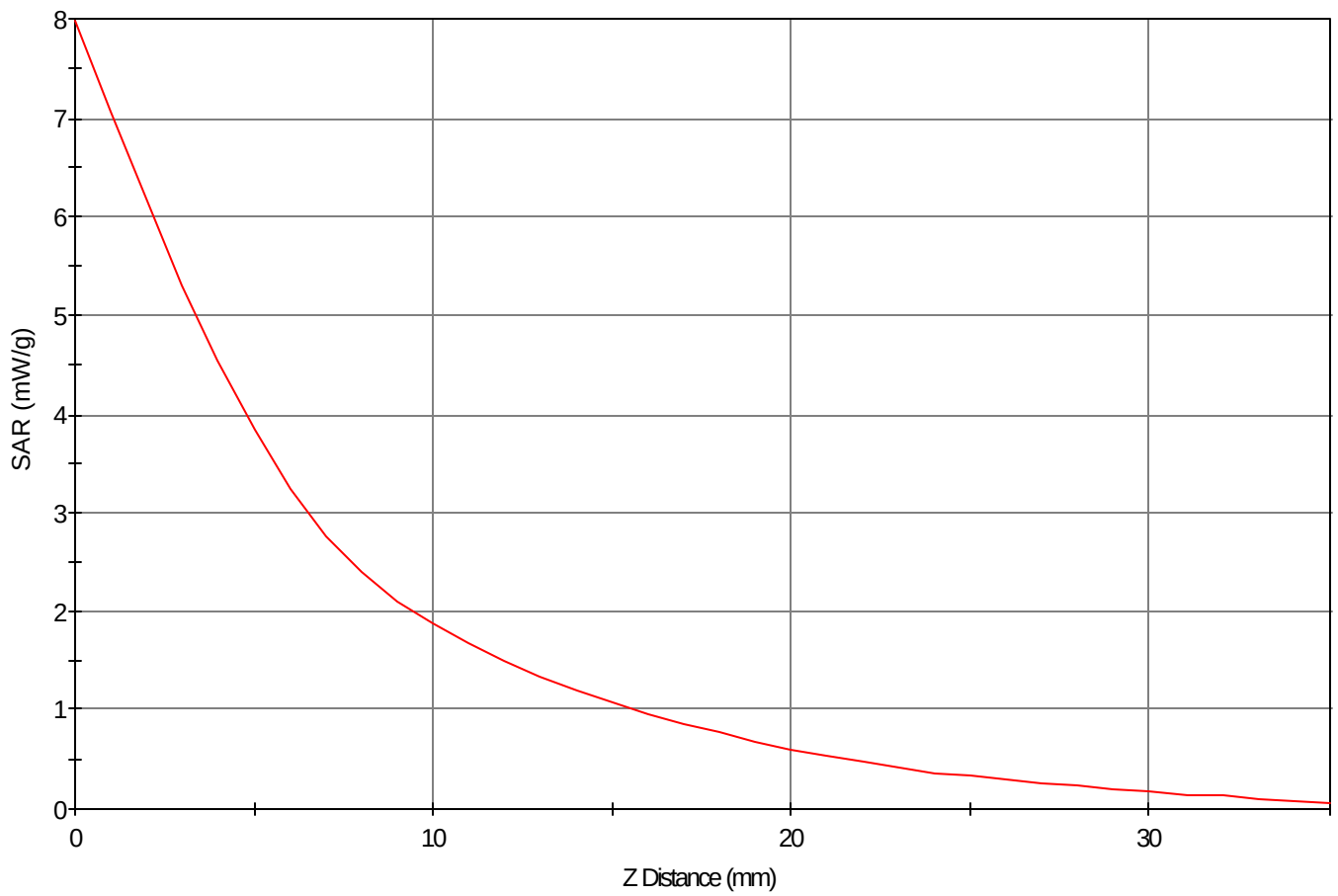
Max 1g SAR at x=-10.0 y=-6.0 z=0.0 = 4.19 W/kg

Max 10g SAR at x=-10.0 y=-6.0 z=0.0 = 1.97 W/kg

Validation Results at 0.10 W:

Peak Nominal = 7.2, Error: 10.48 %
1g Nominal = 4.0, Error: 5.53 %

SAR - Z Axis
at Hotspot x:-9.0 y:-7.0



1g SAR Values

