

SAR Data Report 03032401

Start : 24-Mar-03 09:25:56 am
End : 24-Mar-03 09:31:01 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

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 42.960
Tissue Conductivity : 0.910
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.000
Calibrated Conductivity : 0.910
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 7.200
Probe Sensitivity : 2.439 2.706 2.822 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

835 MHz Verification

CF=1; Amb. Temp= 22.3 'C; Liq. Temp=21.1 'C

Area Scan - Max Peak SAR Value at x=4.0 y=-2.0 = 2.50 W/kg

Zoom Scan - Max Peak SAR Value at x=9.0 y=-3.0 z=0.0 = 3.71 W/kg

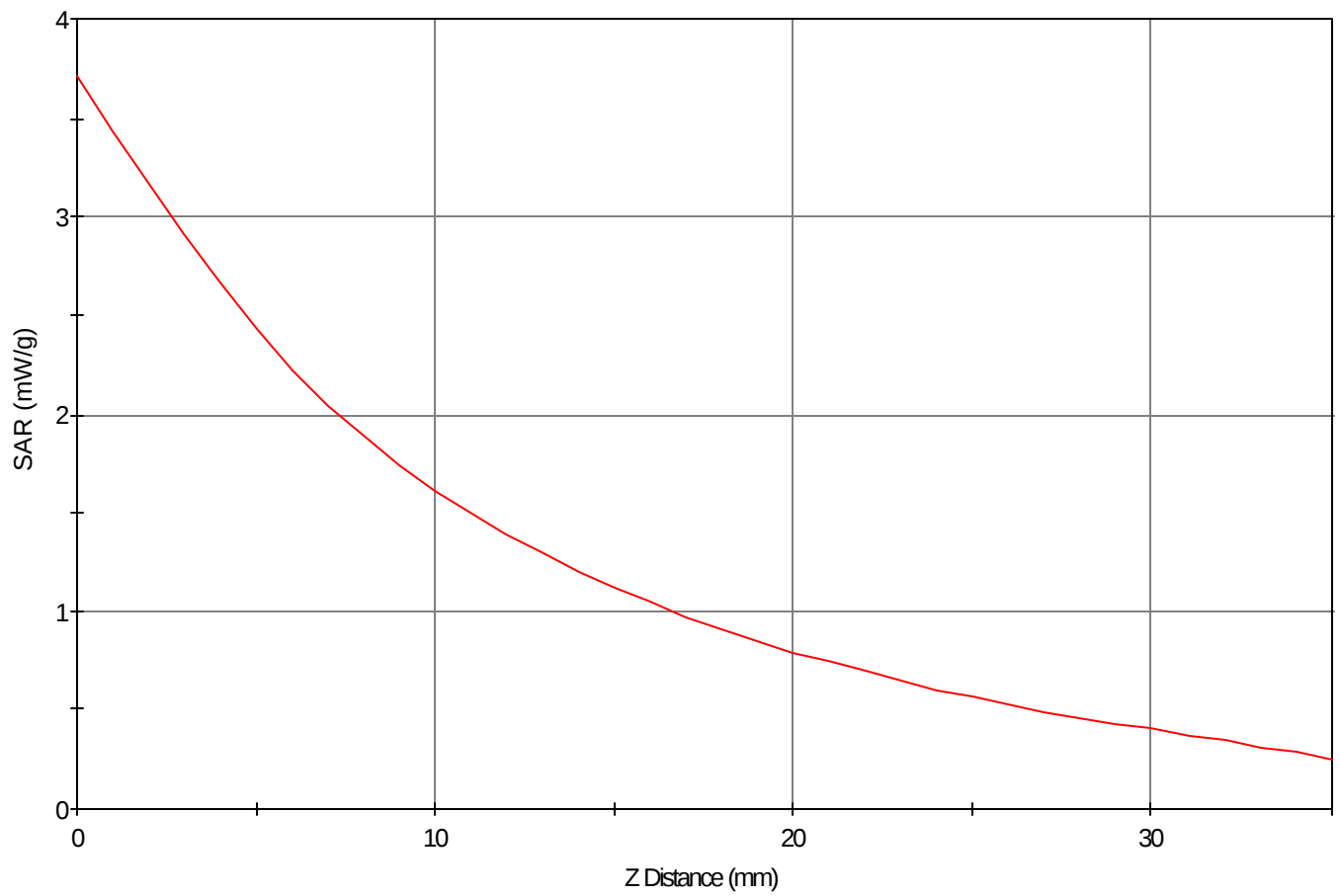
Max 1g SAR at x=6.0 y=-2.0 z=0.0 = 2.56 W/kg

Max 10g SAR at x=4.0 y=-2.0 z=0.0 = 1.65 W/kg

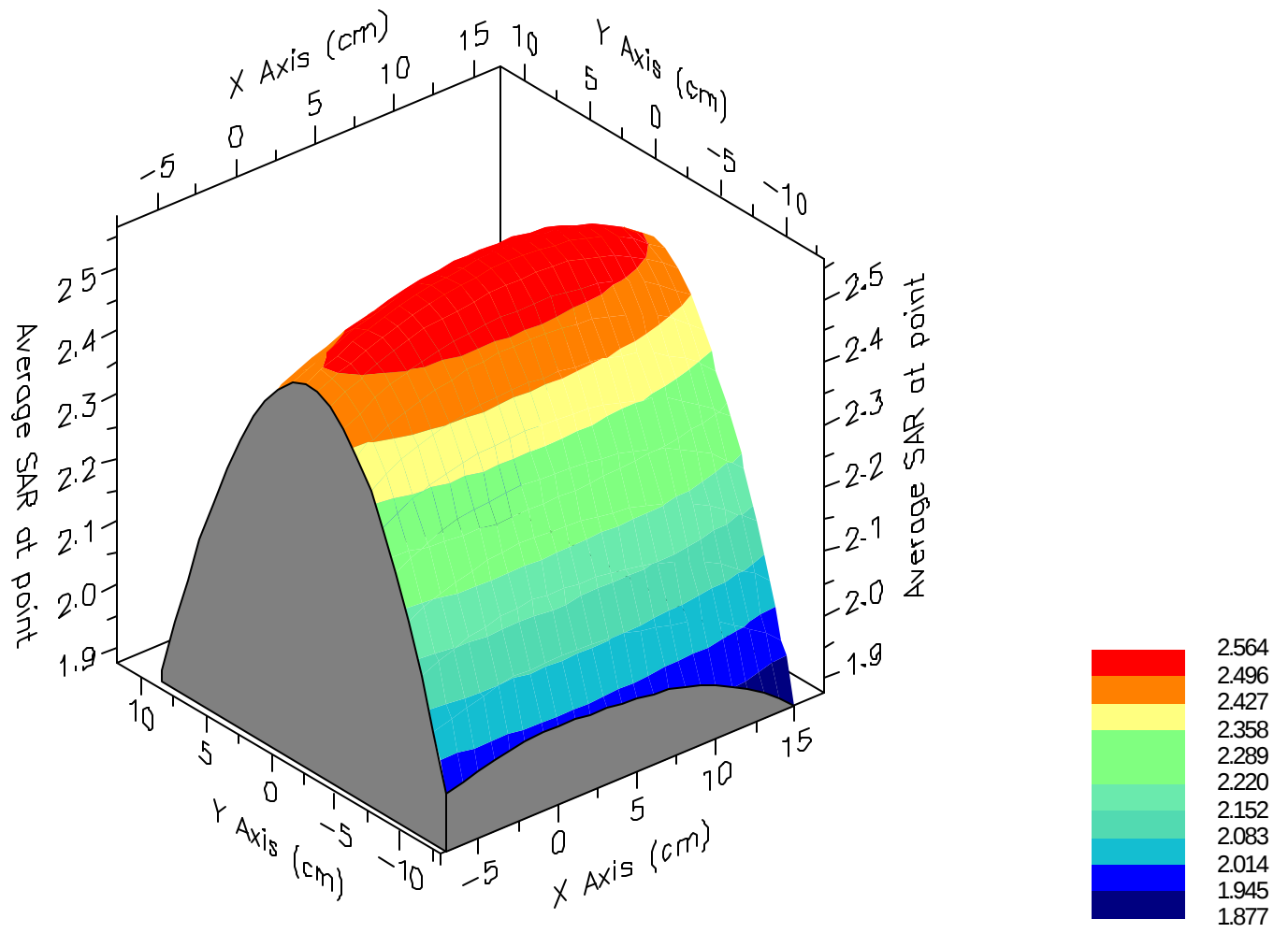
Validation Results at 0.25 W:

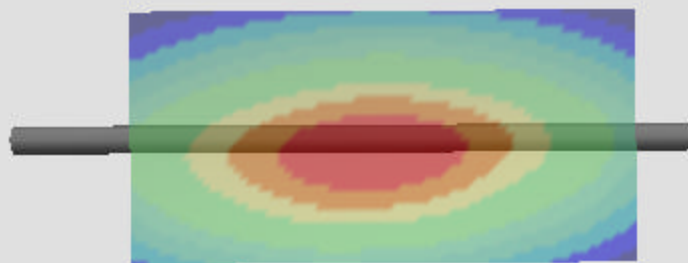
Peak Nominal = 3.5, Error: 5.36 %
1g Nominal = 2.4, Error: 7.97 %
10g Nominal = 1.6, Error: 6.69 %

SAR - Z Axis
at Hotspot x:9.0 y:-3.0



1g SAR Values





SAR Data Report 03032601

Start : 26-Mar-03 09:06:03 am
End : 26-Mar-03 09:10:54 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-010
Serial Number : PCT003
Frequency : 1880 MHz
Transmit Pwr : 0.100 W
Antenna Type : Dipole

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 39.440
Tissue Conductivity : 1.390
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1880 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.200
Calibrated Conductivity : 1.410
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 4.050
Probe Sensitivity : 4.794 5.895 5.327 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

1900 MHz Verification

CF=1; Amb. Temp= 22.3 'C; Liq. Temp=21.1 'C

Area Scan - Max Peak SAR Value at x=0.0 y=0.0 = 3.57 W/kg

Zoom Scan - Max Peak SAR Value at x=1.0 y=0.0 z=0.0 = 6.84 W/kg

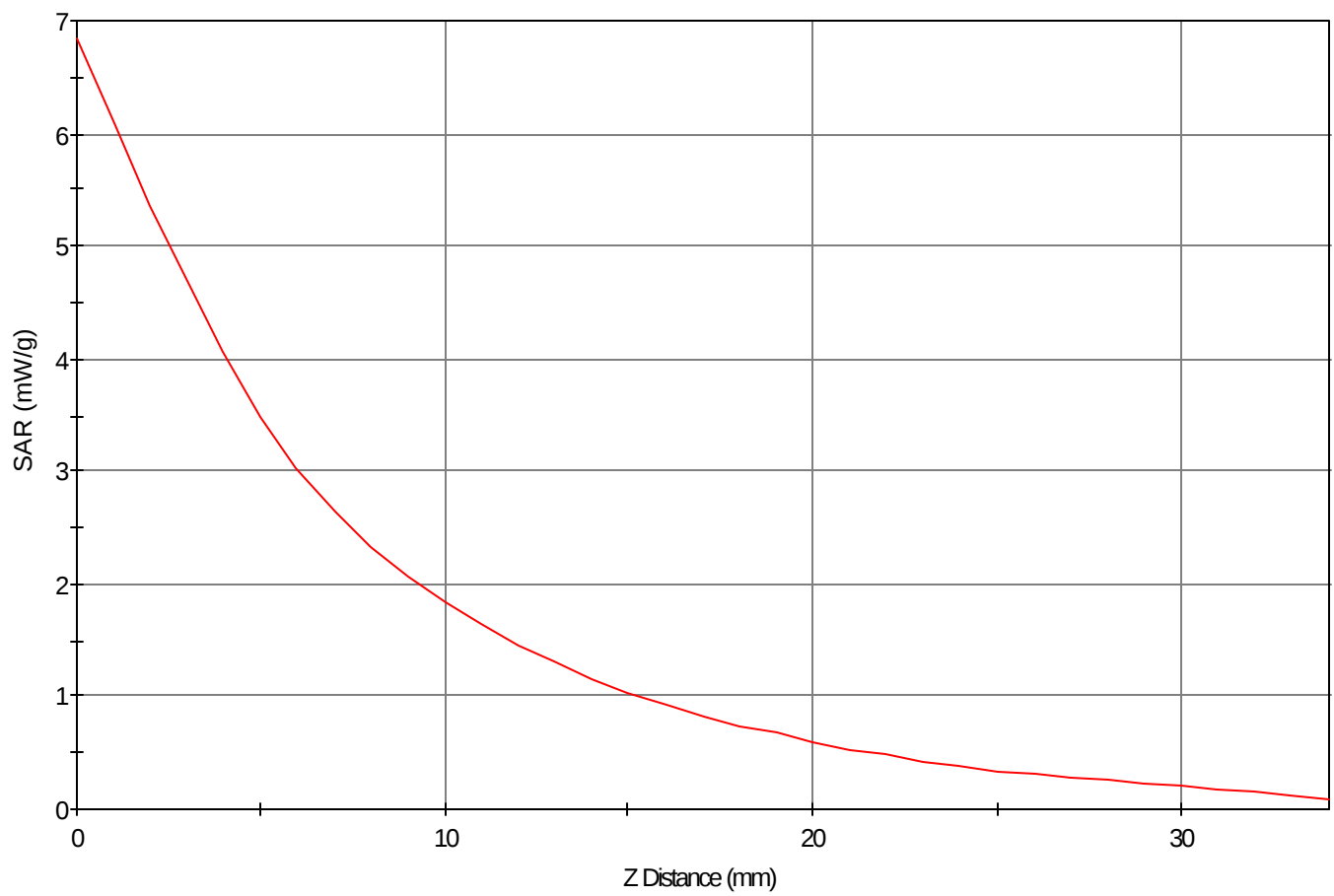
Max 1g SAR at x=1.0 y=1.0 z=0.0 = 3.80 W/kg

Max 10g SAR at x=1.0 y=1.0 z=0.0 = 1.88 W/kg

Validation Results at 0.10 W:

Peak Nominal = 7.2, Error: -5.08 %
1g Nominal = 4.0, Error: -4.23 %
10g Nominal = 2.1, Error: -8.22 %

SAR - Z Axis
at Hotspot x:1.0 y:0.0



1g SAR Values

