

SAR Data Report 04102101

Start : 21-Oct-04 09:11:57 am
End : 21-Oct-04 09:17:36 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 : 40.230
Tissue Conductivity : 0.920
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=20.1 'C

Power Drop Test:

Reading @ start = 4.839
Reading @ End = 4.887
Power at End = 101.0%

Area Scan - Max Peak SAR Value at x=6.0 y=0.0 = 2.17 W/kg

Zoom Scan - Max Peak SAR Value at x=6.0 y=0.0 z=0.0 = 3.55 W/kg

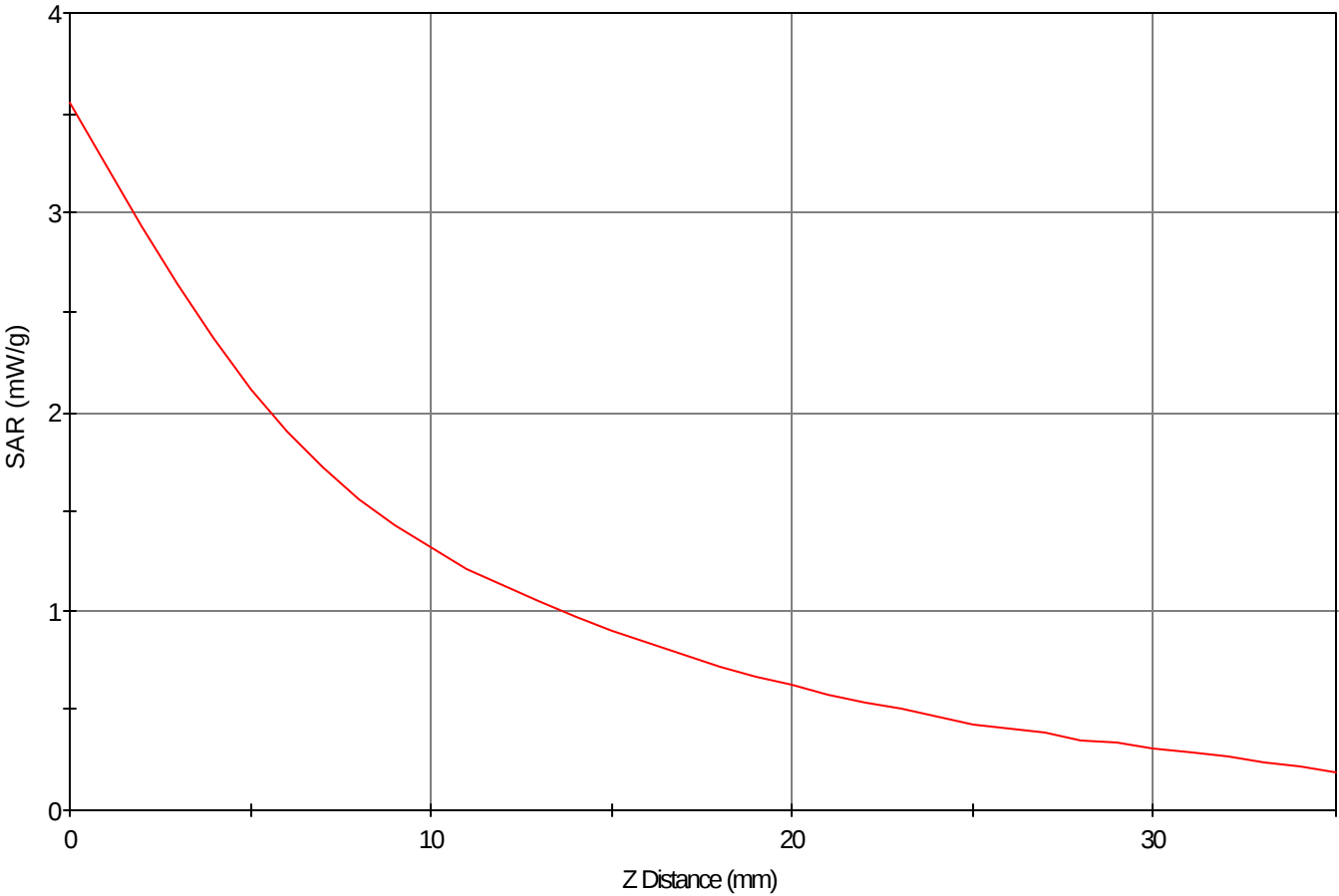
Max 1g SAR at x=5.0 y=0.0 z=0.0 = 2.27 W/kg

Max 10g SAR at x=4.0 y=0.0 z=0.0 = 1.39 W/kg

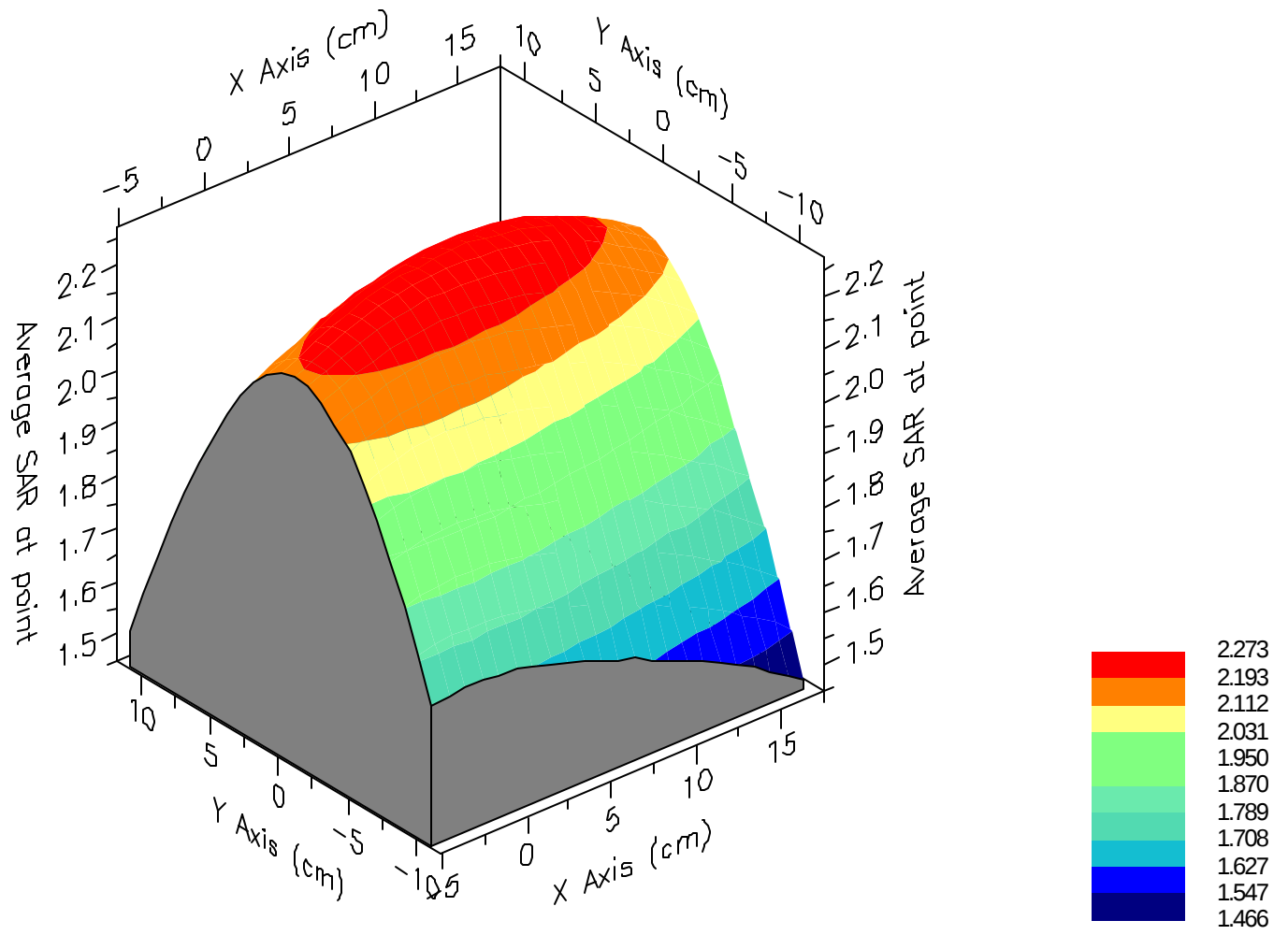
Validation Results at 0.25 W:

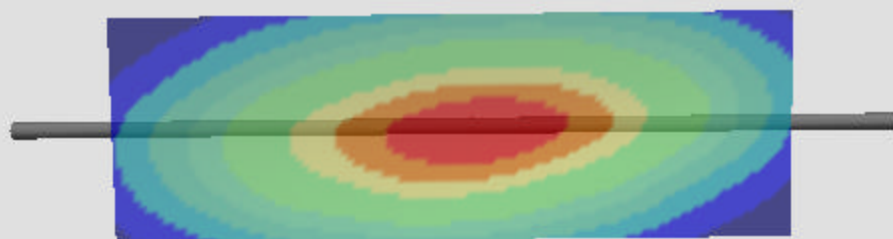
Peak Nominal = 3.5, Error: 0.73 %
1g Nominal = 2.4, Error: -4.27 %

SAR - Z Axis
at Hotspot x:6.0 y:0.0



1g SAR Values





SAR Data Report 04102601

Start : 26-Oct-04 9:33:28 am
End : 26-Oct-04 9:39:45 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 : 0.040 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : SAM-FLAT-B-pcs
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.700
Tissue Conductivity : 1.370
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 : 41.890
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= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 1.899
Reading @ End = 1.939
Power at End = 102.1%

Area Scan - Max Peak SAR Value at x=0.0 y=3.0 = 1.47 W/kg

Zoom Scan - Max Peak SAR Value at x=1.0 y=3.0 z=0.0 = 3.01 W/kg

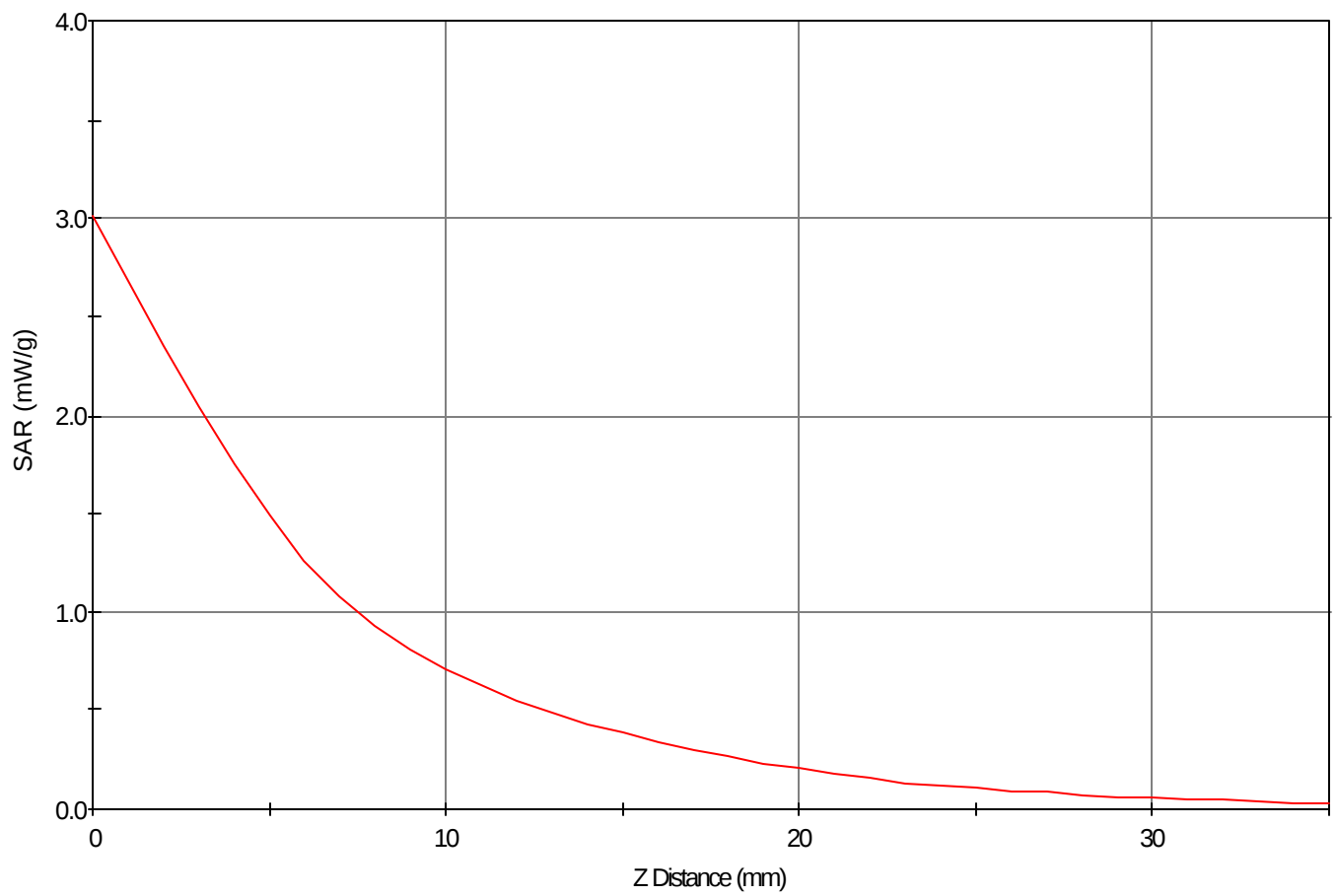
Max 1g SAR at x=1.0 y=3.0 z=0.0 = 1.62 W/kg

Max 10g SAR at x=0.0 y=3.0 z=0.0 = 0.77 W/kg

Validation Results at 0.04 W:

Peak Nominal = 2.9, Error: 4.44 %
1g Nominal = 1.6, Error: 2.16 %

SAR - Z Axis
at Hotspot x:1.0 y:3.0



1g SAR Values

