

SAR Data Report 05012822

Start : 28-Jan-05 01:47:10 pm
End : 28-Jan-05 01:54:27 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-020
Serial Number : PCT003
Frequency : 835 MHz
Transmit Pwr : 0.160 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : SAM-FLAT2
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.150
Tissue Conductivity : 0.890
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.810
Calibrated Conductivity : 0.870
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.500
Probe Sensitivity : 3.807 3.736 3.821 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= 21.6 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 2.078
Reading @ End = 2.089
Power at End = 100.5%

Area Scan - Max Peak SAR Value at x=-8.0 y=0.0 = 1.49 W/kg

Zoom Scan - Max Peak SAR Value at x=-8.0 y=0.0 z=0.0 = 2.22 W/kg

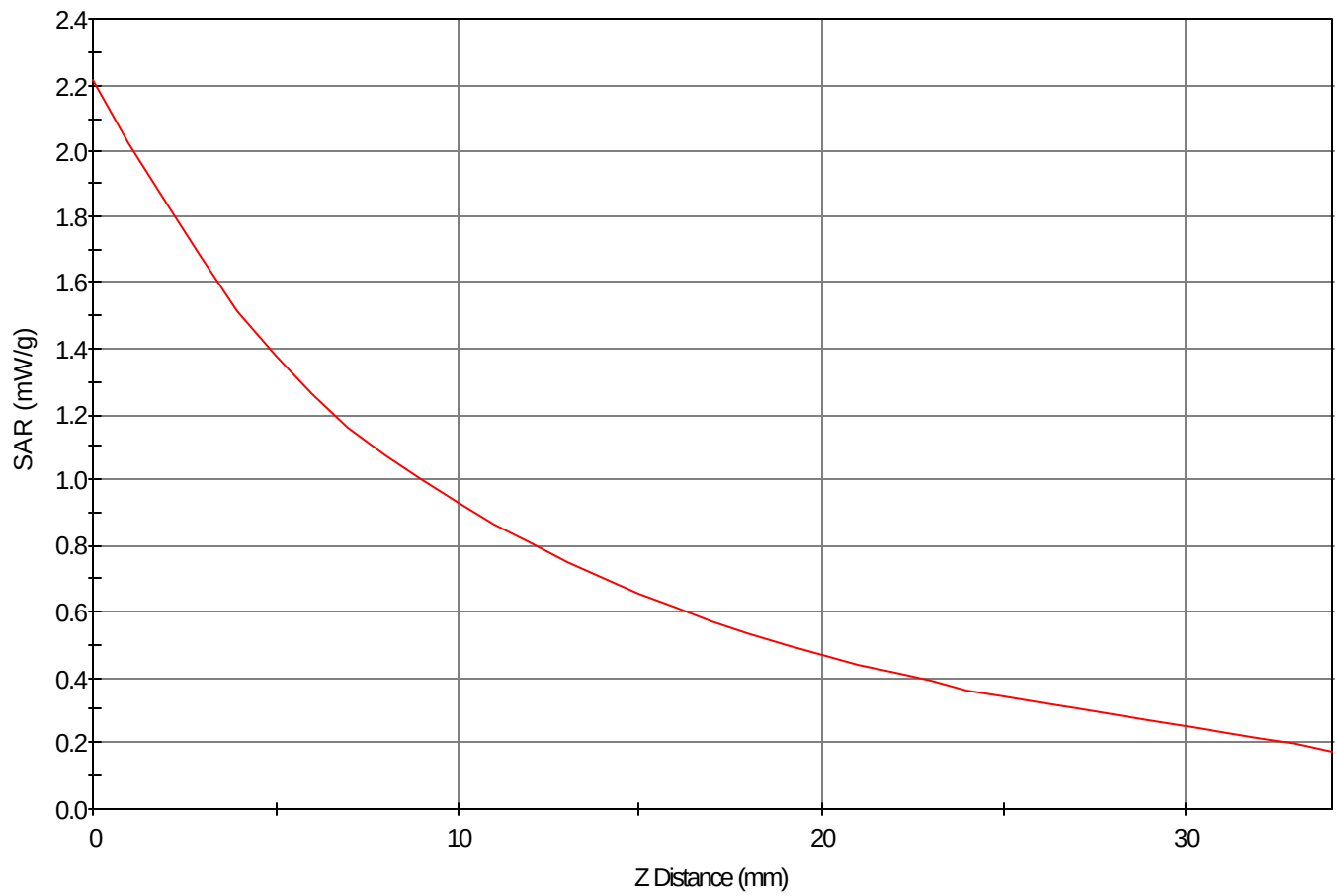
Max 1g SAR at x=-8.0 y=0.0 z=0.0 = 1.48 W/kg

Max 10g SAR at x=-7.0 y=0.0 z=0.0 = 0.95 W/kg

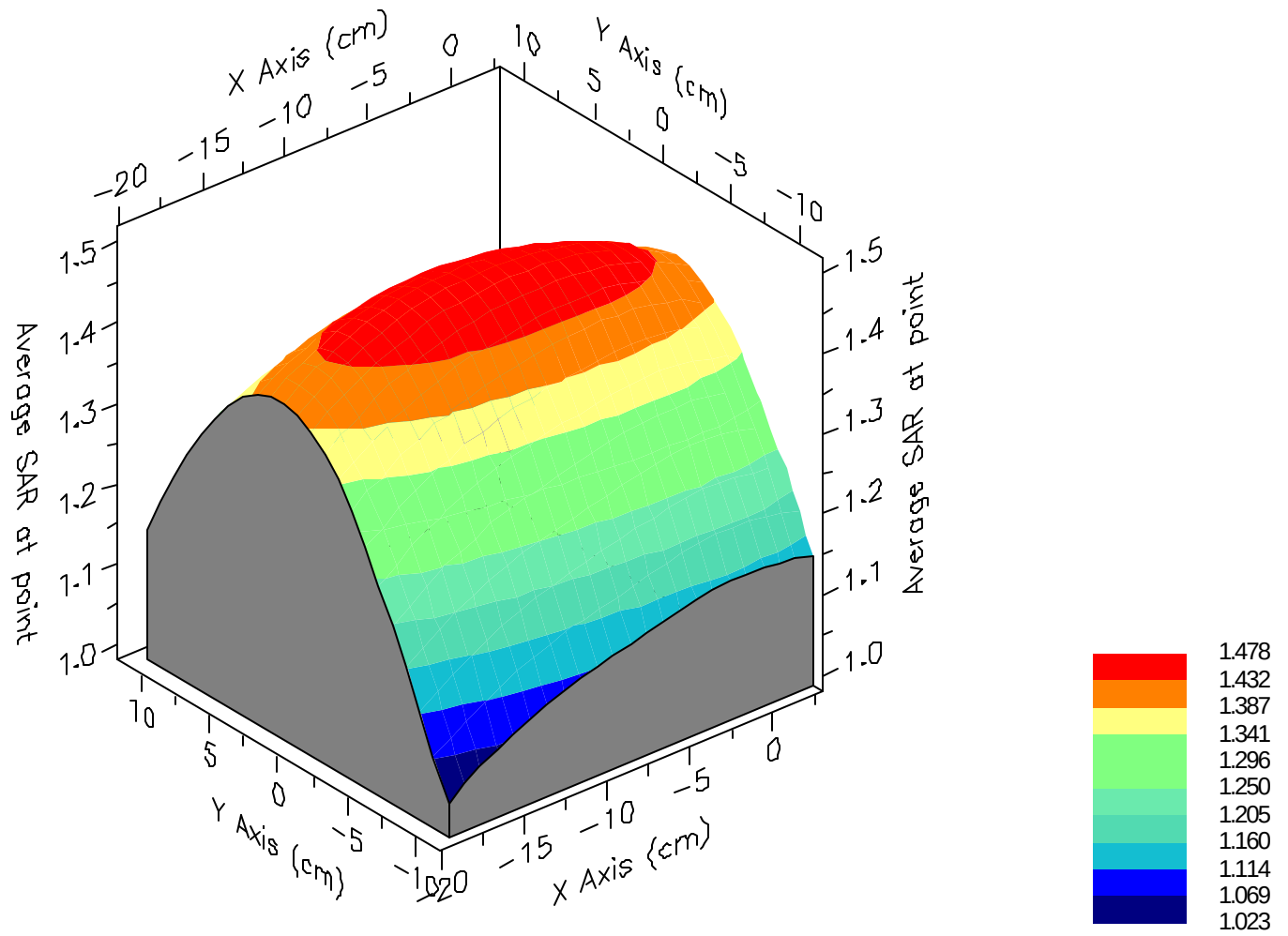
Validation Results at 0.16 W:

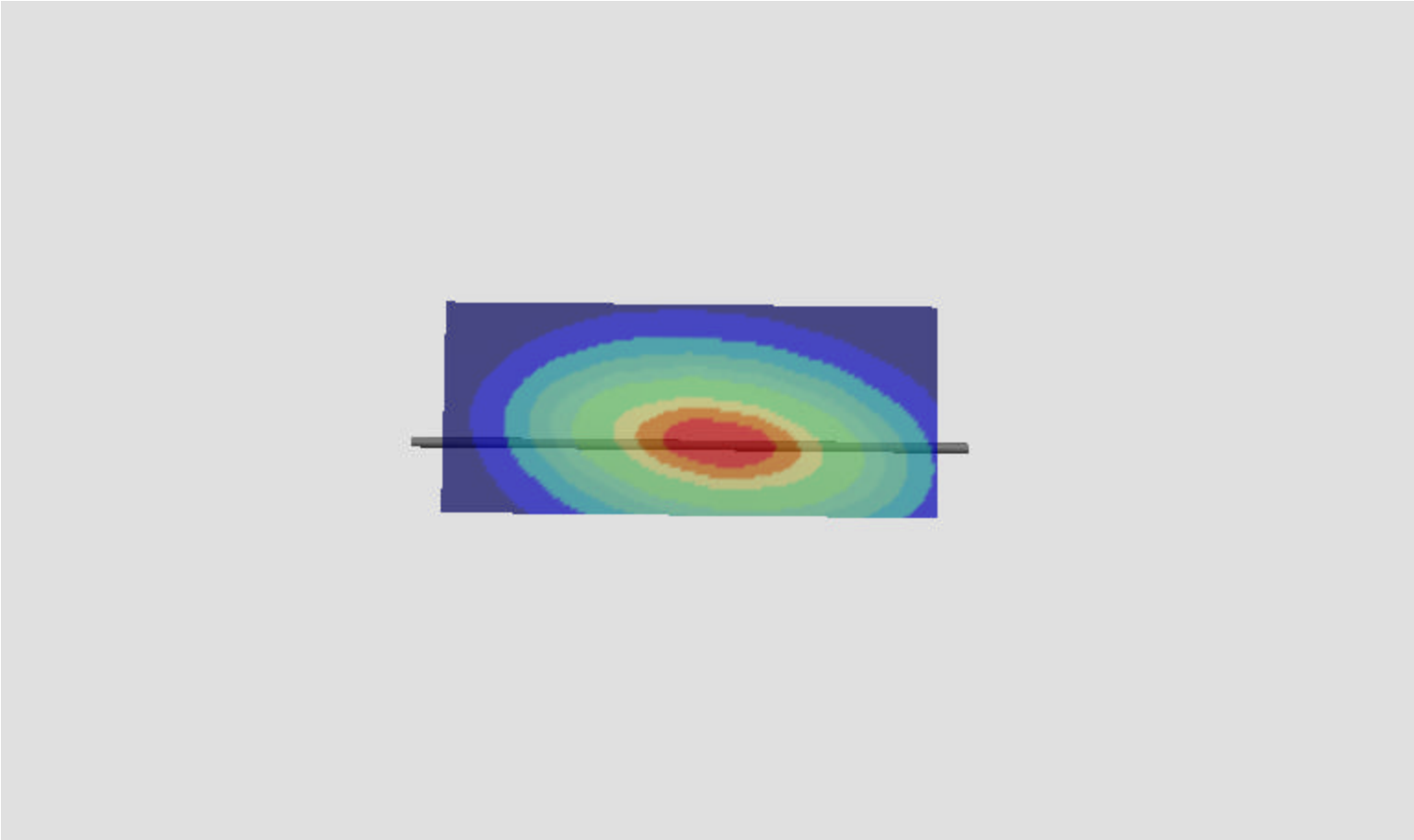
Peak Nominal = 2.3, Error: -1.78 %
1g Nominal = 1.5, Error: -2.78 %

SAR - Z Axis
at Hotspot x:-8.0 y:0.0



1g SAR Values





SAR Data Report 05012823

Start : 28-Jan-05 01:55:16 pm
End : 28-Jan-05 02:02:34 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-020
Serial Number : PCT003
Frequency : 835 MHz
Transmit Pwr : 0.160 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : SAM-FLAT2
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.810
Tissue Conductivity : 0.870
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.810
Calibrated Conductivity : 0.870
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 4.700
Probe Sensitivity : 3.807 3.736 3.821 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= 21.6 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 2.105
Reading @ End = 2.126
Power at End = 101.0%

Area Scan - Max Peak SAR Value at x=-9.0 y=0.0 = 1.52 W/kg

Zoom Scan - Max Peak SAR Value at x=-11.0 y=0.0 z=0.0 = 2.21 W/kg

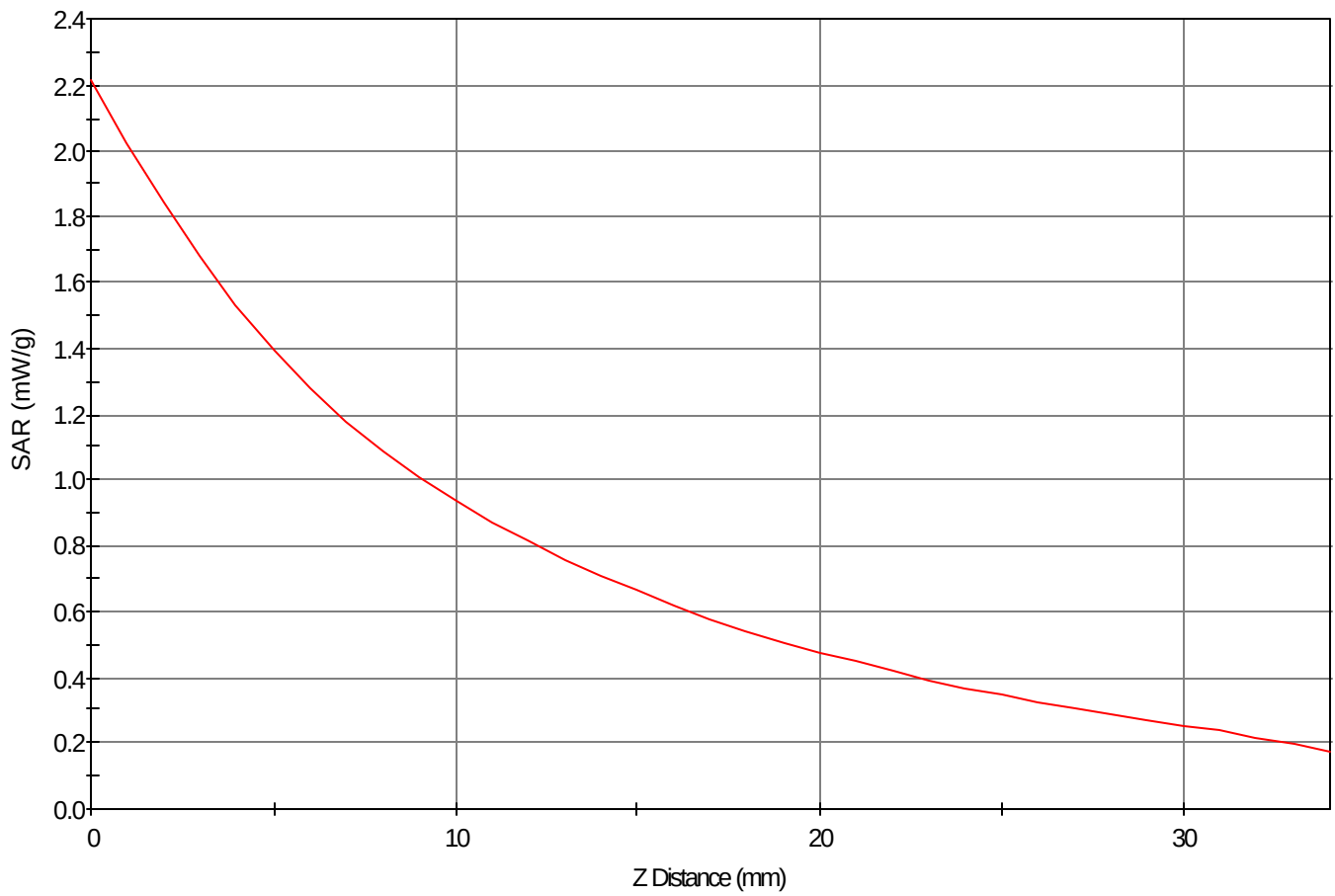
Max 1g SAR at x=-8.0 y=0.0 z=0.0 = 1.49 W/kg

Max 10g SAR at x=-8.0 y=0.0 z=0.0 = 0.96 W/kg

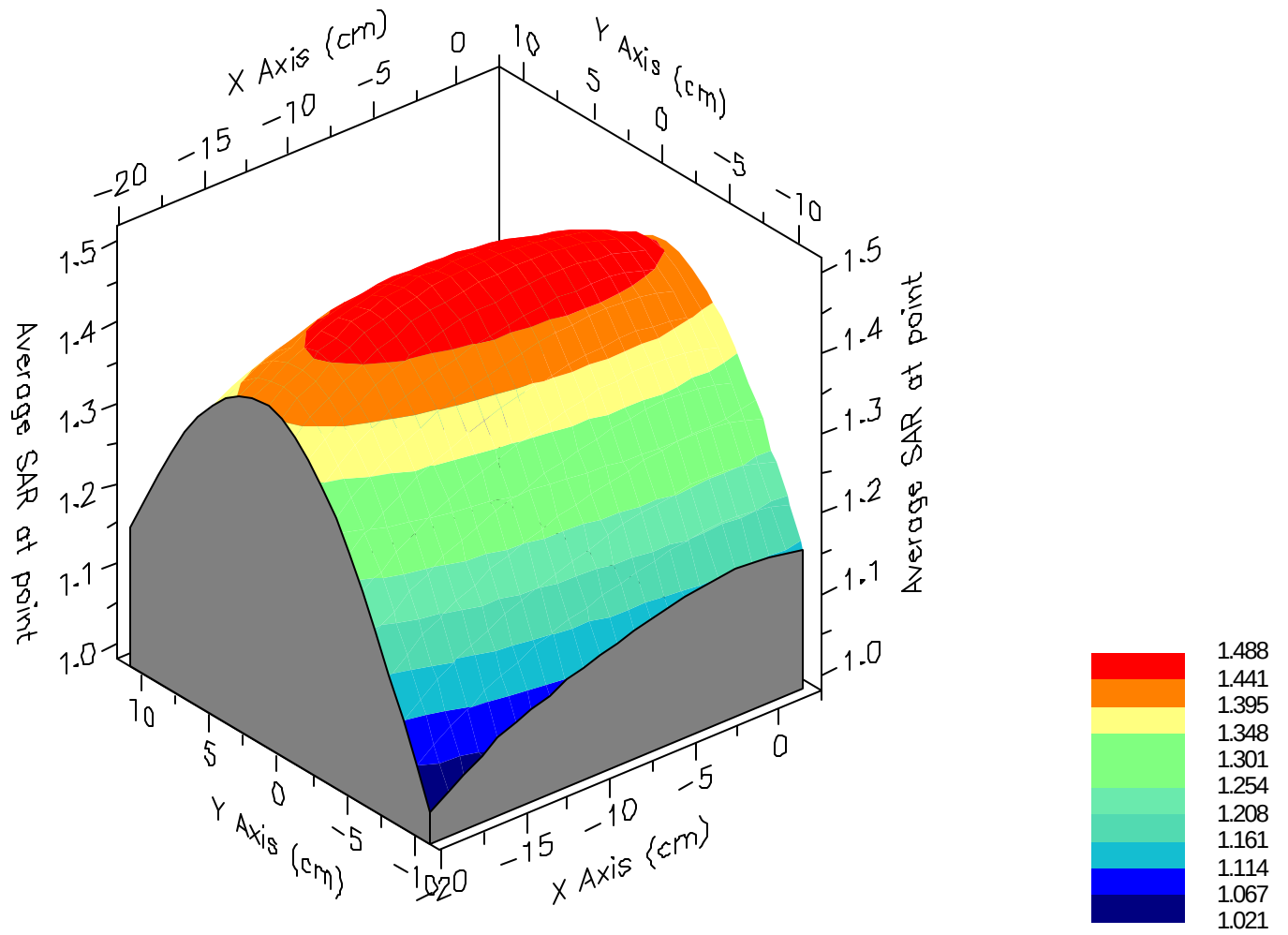
Validation Results at 0.16 W:

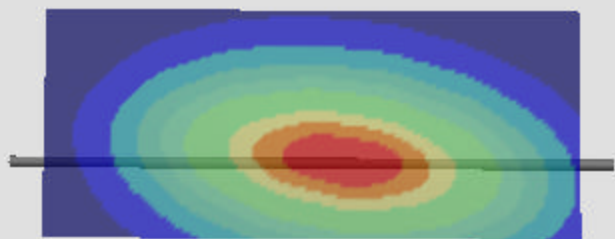
Peak Nominal = 2.3, Error: -2.04 %
1g Nominal = 1.5, Error: -2.11 %

SAR - Z Axis
at Hotspot x:-11.0 y:0.0



1g SAR Values





SAR Data Report 05021405

Start : 14-Feb-05 12:03:09 pm
End : 14-Feb-05 12:10:01 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-020
Serial Number : PCT003
Frequency : 1900 MHz
Transmit Pwr : 0.040 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : SAM-FLAT2
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 39.990
Tissue Conductivity : 1.370
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.020
Calibrated Conductivity : 1.370
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.400
Probe Sensitivity : 5.115 4.969 4.453 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

1900MHz Verification

CF=1; Amb. Temp= 22.6 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 1.542
Reading @ End = 1.556
Power at End = 100.9%

Area Scan - Max Peak SAR Value at x=-1.0 y=-1.0 = 1.74 W/kg

Zoom Scan - Max Peak SAR Value at x=-1.0 y=-1.0 z=0.0 = 3.14 W/kg

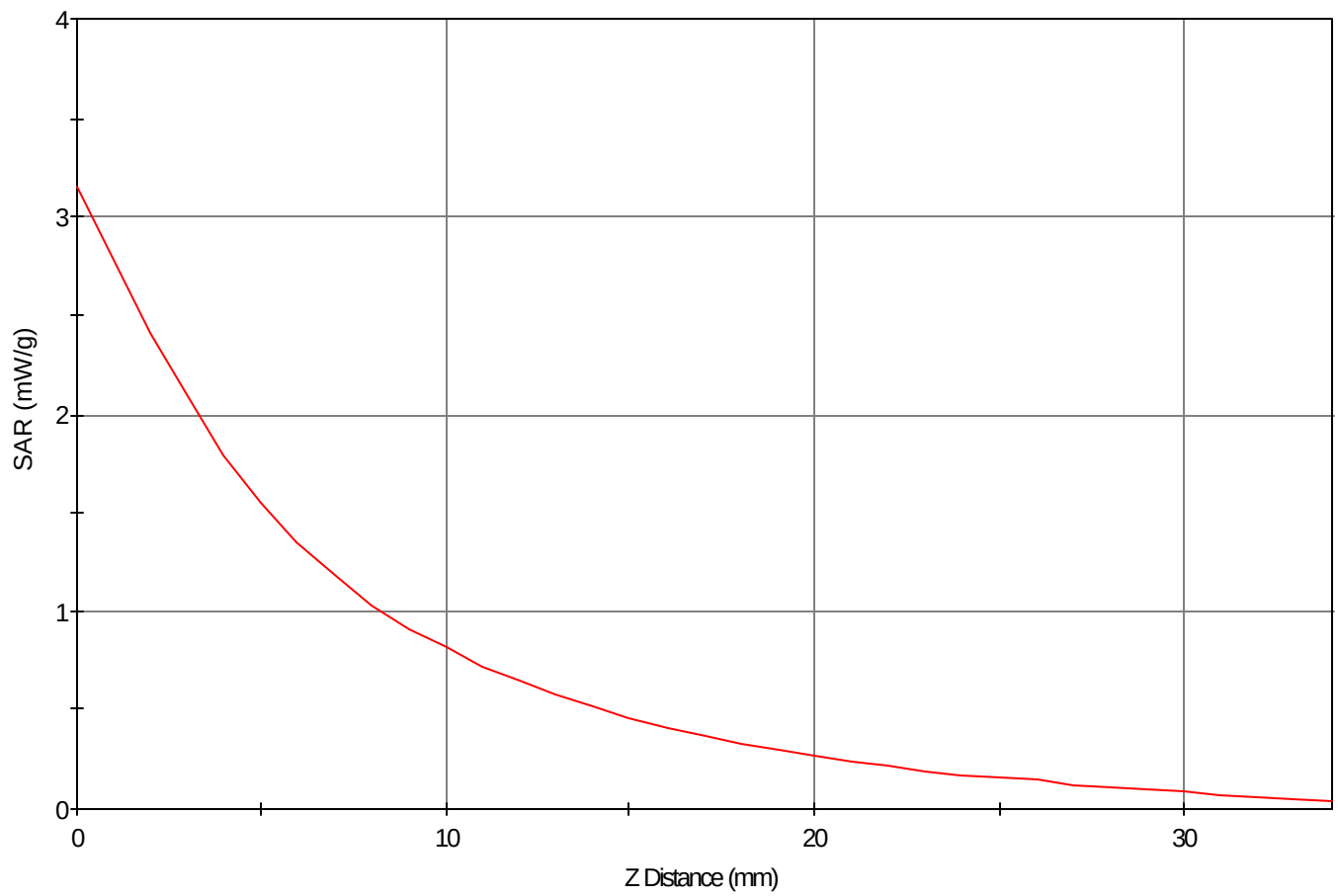
Max 1g SAR at x=-1.0 y=-1.0 z=0.0 = 1.69 W/kg

Max 10g SAR at x=-1.0 y=-1.0 z=0.0 = 0.82 W/kg

Validation Results at 0.04 W:

Peak Nominal = 2.9, Error: 9.05 %
1g Nominal = 1.6, Error: 6.28 %

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



1g SAR Values

