

SAR Data Report 04081604

Start : 16-Aug-04 02:09:51 pm
End : 16-Aug-04 02:16:13 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-010
Serial Number : PCT003
Frequency : 2450 MHz
Transmit Pwr : 0.100 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 39.990
Tissue Conductivity : 1.850
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 2450 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.900
Calibrated Conductivity : 1.830
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 6.100
Probe Sensitivity : 3.285 3.652 4.167 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 = 3.864
Reading @ End = 3.827
Power at End = 99.0%

Area Scan - Max Peak SAR Value at x=1.0 y=2.0 = 3.85 W/kg

Zoom Scan - Max Peak SAR Value at x=1.0 y=2.0 z=0.0 = 10.44 W/kg

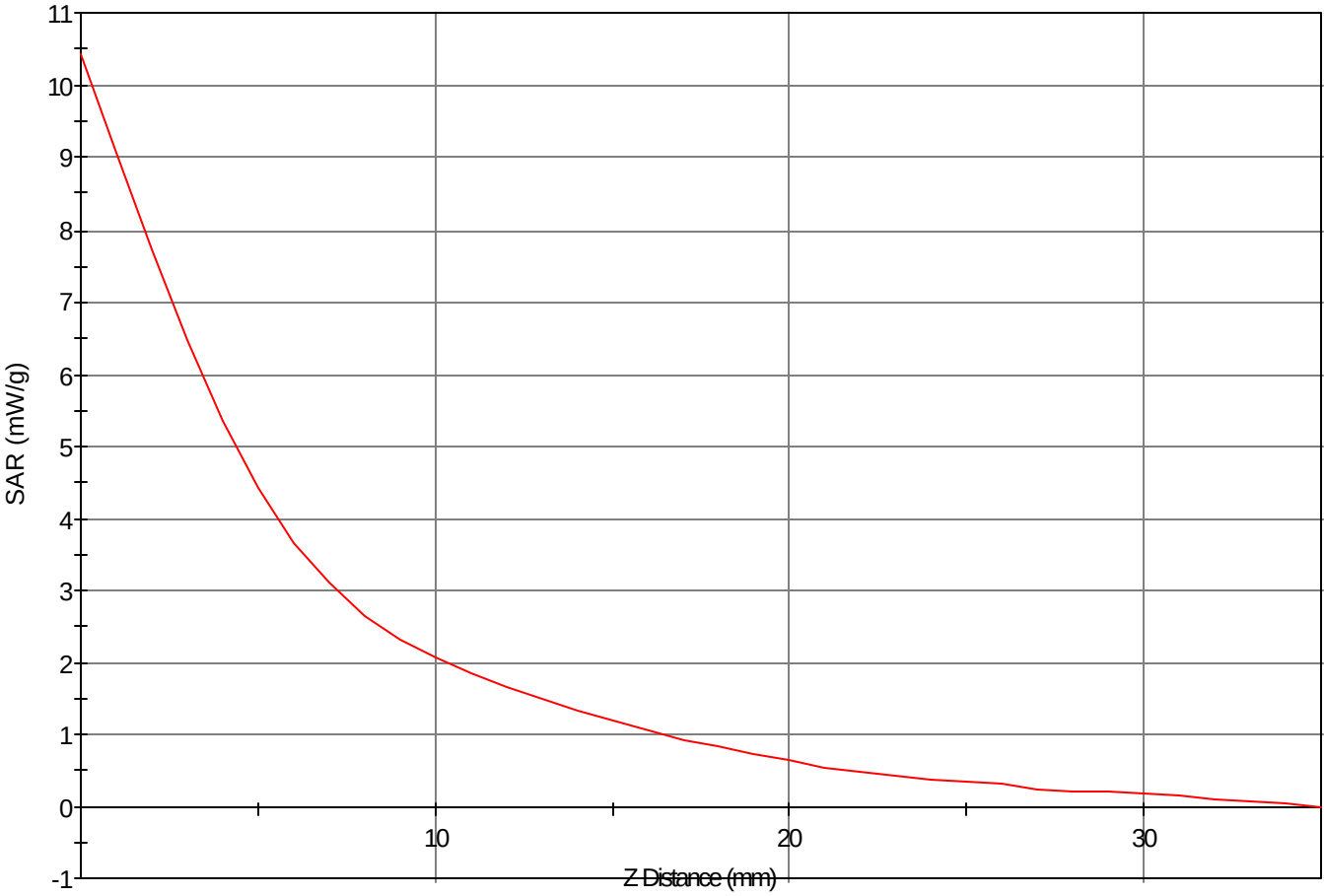
Max 1g SAR at x=2.0 y=2.0 z=0.0 = 5.04 W/kg

Max 10g SAR at x=3.0 y=2.0 z=0.0 = 2.19 W/kg

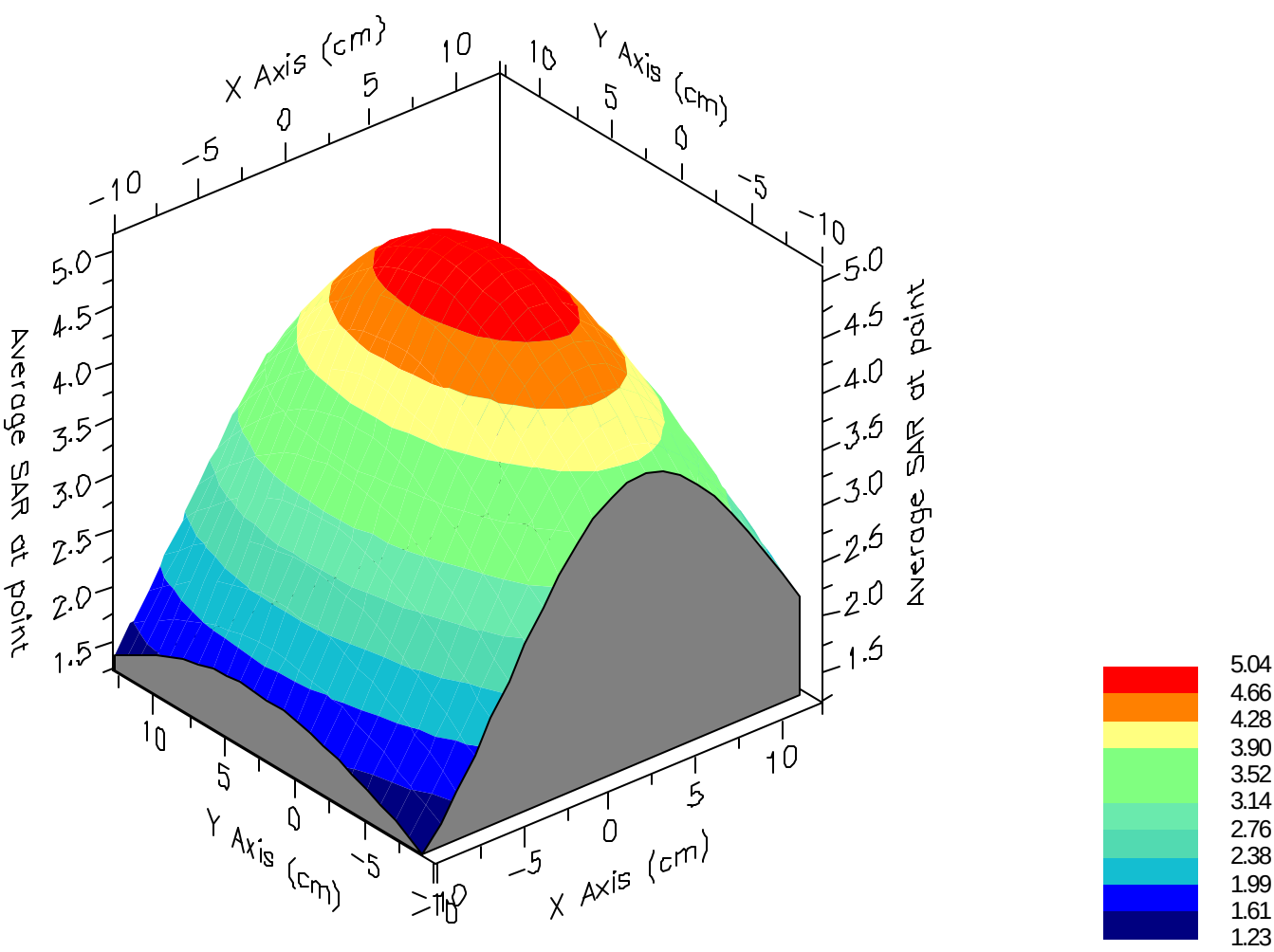
Validation Results at 0.10 W:

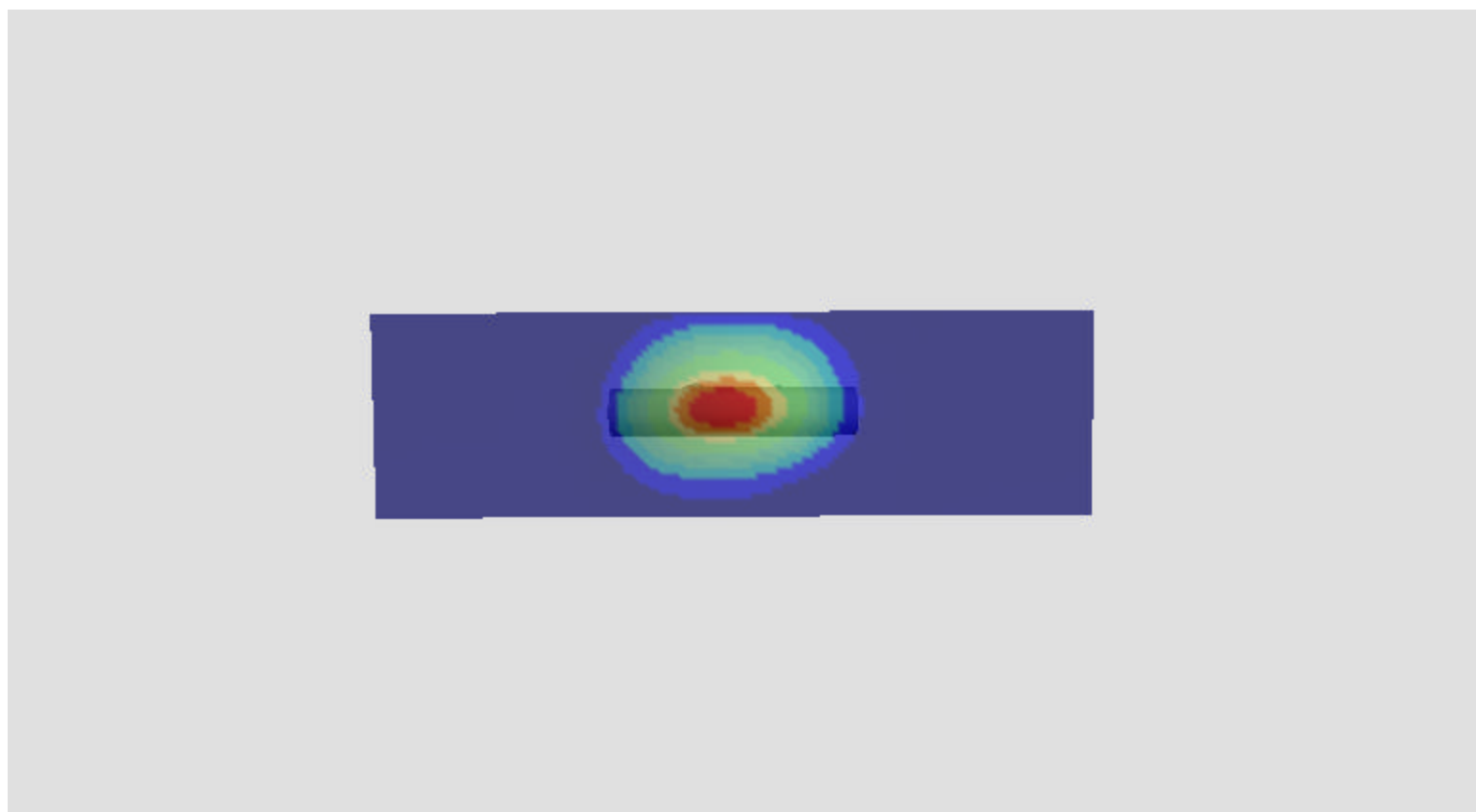
Peak Nominal = 10.4, Error: 0.24 %
1g Nominal = 5.2, Error: -3.76 %

SAR - Z Axis
at Hotspot x:1.0 y:2.0



1g SAR Values





SAR Data Report 04081602

Start : 16-Aug-04 10:40:37 am
End : 16-Aug-04 10:49:07 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : PANASONIC
Model Number : CF-18
Serial Number : 3FKSA00390
Frequency : 2412 MHz
Transmit Pwr : 0.056 W
Antenna Type : Inverted F
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 53.110
Tissue Conductivity : 1.930
Tissue Density : 1.300
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 2450 MHz
Tissue Type : Muscle
Calibrated Dielectric : 54.370
Calibrated Conductivity : 1.970
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 6.700
Probe Sensitivity : 3.285 3.652 4.167 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

DSSS Mode CH-1
Body SAR
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.046
Reading @ End = 0.047
Power at End = 101.9%

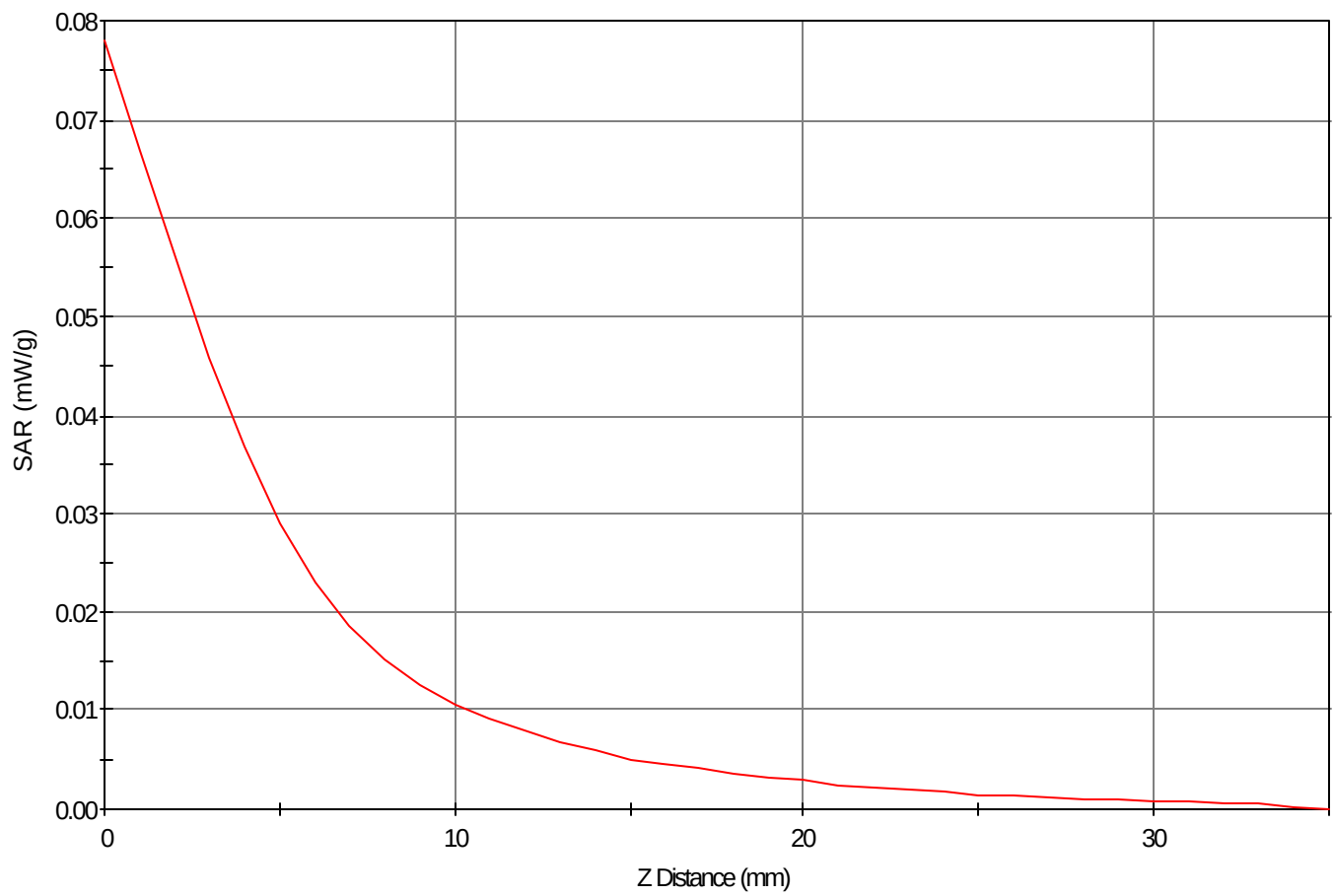
Area Scan - Max Peak SAR Value at x=-27.0 y=9.0 = 0.06 W/kg

Zoom Scan - Max Peak SAR Value at x=-19.0 y=13.0 z=0.0 = 0.08 W/kg

Max 1g SAR at x=-19.0 y=12.0 z=0.0 = 0.04 W/kg

Max 10g SAR at x=-22.0 y=11.0 z=0.0 = 0.02 W/kg

SAR - Z Axis
at Hotspot x:-19.0 y:13.0



1g SAR Values

