

SAR Data Report 05031401

Start : 14-Mar-05 09:46:43 am
End : 14-Mar-05 09:53:38 am
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 : 42.160
Tissue Conductivity : 1.410
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 : 1.560 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= 23.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 1.541
Reading @ End = 1.557
Power at End = 101.0%

Area Scan - Max Peak SAR Value at x=-3.0 y=-1.0 = 1.65 W/kg

Zoom Scan - Max Peak SAR Value at x=-2.0 y=-1.0 z=0.0 = 2.92 W/kg

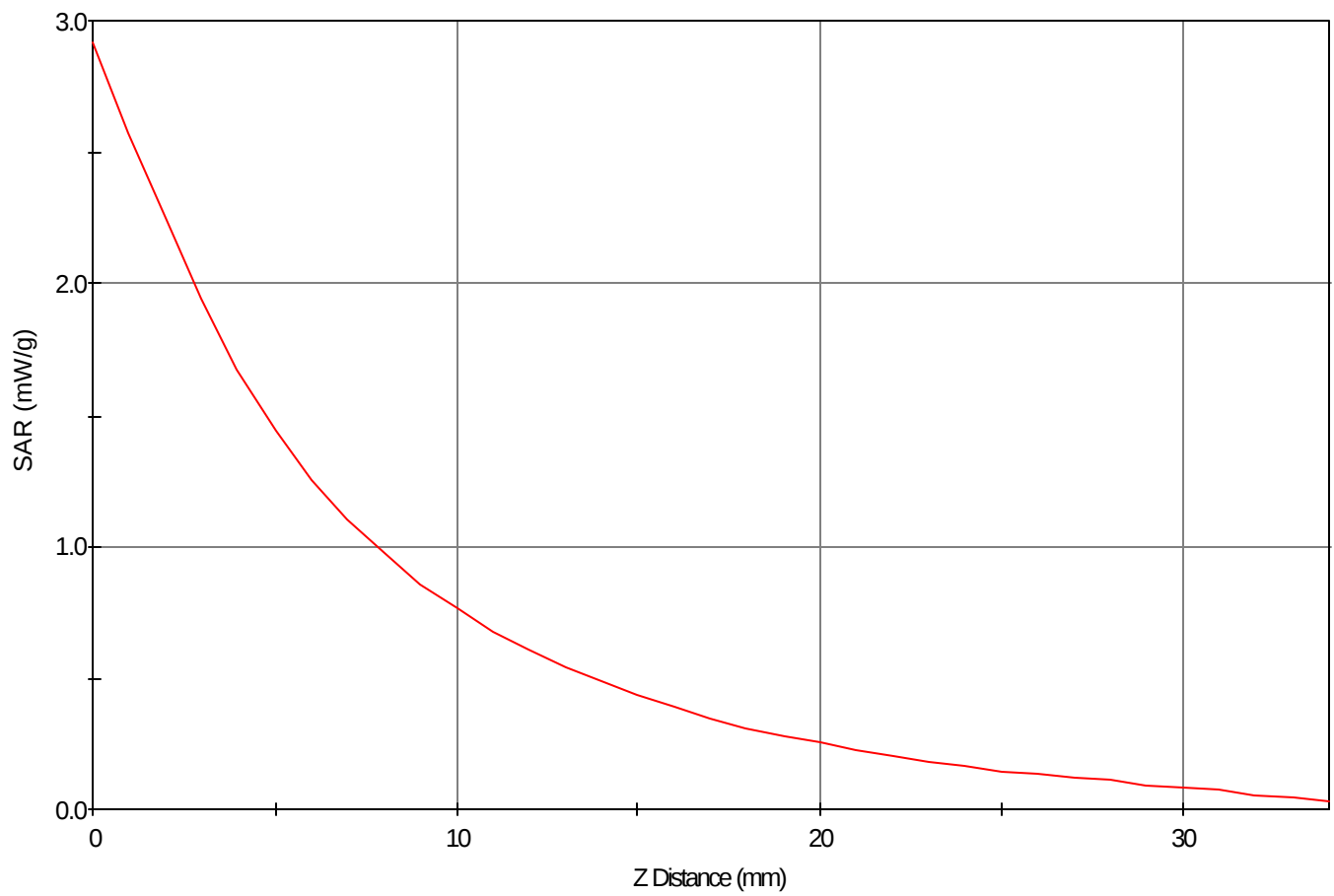
Max 1g SAR at x=-2.0 y=0.0 z=0.0 = 1.58 W/kg

Max 10g SAR at x=-2.0 y=-1.0 z=0.0 = 0.77 W/kg

Validation Results at 0.04 W:

Peak Nominal = 2.9, Error: 1.26 %
1g Nominal = 1.6, Error: -0.75 %

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



1g SAR Values

