

SAR Data Report 05041401

Start : 14-Apr-05 09:07:14 am
End : 14-Apr-05 09:16:12 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Verification
Model Number : E-020
Serial Number : PCT005
Frequency : 1900 MHz
Transmit Pwr : 0.040 W
Antenna Type : Dipole
Antenna Posn. : Verification

Measurement Data:

Phantom Name : FLATPHANTOM
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 41.80
Tissue Conductivity : 1.420
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=8; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 1.823
Reading @ End = 1.840
Power at End = 101.0%

Area Scan - Max Peak SAR Value at x=-1.0 y=-1.0 = 1.78 W/kg

Zoom Scan - Max Peak SAR Value at x=-1.0 y=-1.0 z=0.0 = 3.20 W/kg

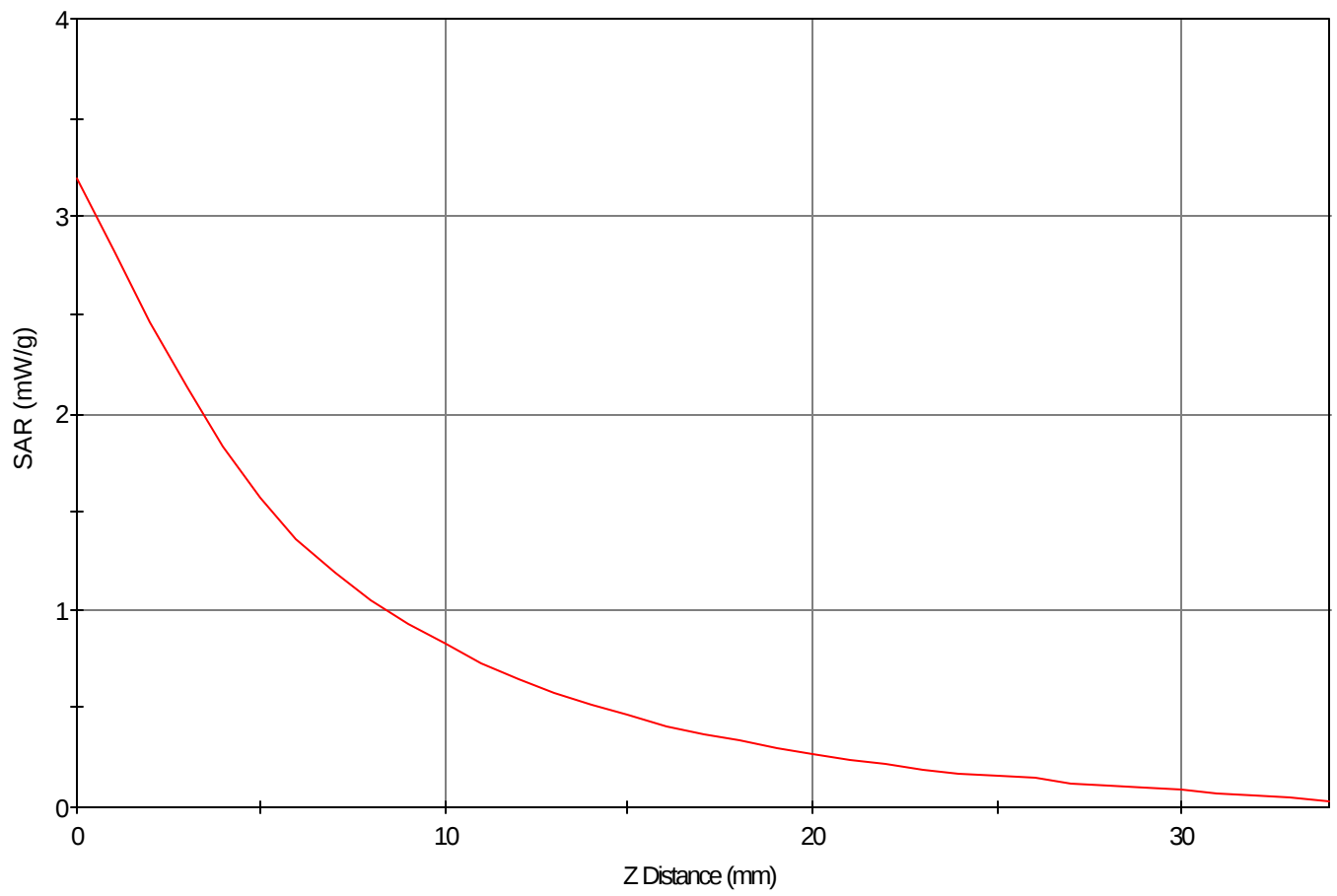
Max 1g SAR at x=-1.0 y=-1.0 z=0.0 = 1.71 W/kg

Max 10g SAR at x=-1.0 y=-1.0 z=0.0 = 0.83 W/kg

Validation Results at 0.04 W:

Peak Nominal = 2.9, Error: 10.87 %
1g Nominal = 1.6, Error: 7.99 %
10g Nominal = 0.8, Error: 1.13 %

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



1g SAR Values

