

SAR Data Report 02080501

Start : 5-Aug-02 9:47:09 am
End : 5-Aug-02 9:53:05 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Dipole
Frequency : 2450 MHz
Transmit Pwr : 0.250 W
Antenna Type : Dipole
Antenna Posn. : Validation

Measurement Data:

Phantom Name : SAM-FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 39.340
Tissue Conductivity : 1.770
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT25
Probe Type : E Fld Triangle
Frequency : 2450 MHz
Tissue Type : Brain
Calibrated Dielectric : 37.100
Calibrated Conductivity : 1.840
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 16.400
Probe Sensitivity : 0.753 0.726 0.683 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

2450 MHz Validation

CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

Area Scan - Max Peak SAR Value at x=2.0 y=2.0 = 11.62 W/kg

Zoom Scan - Max Peak SAR Value at x=3.0 y=-2.0 z=0.0 = 25.50 W/kg

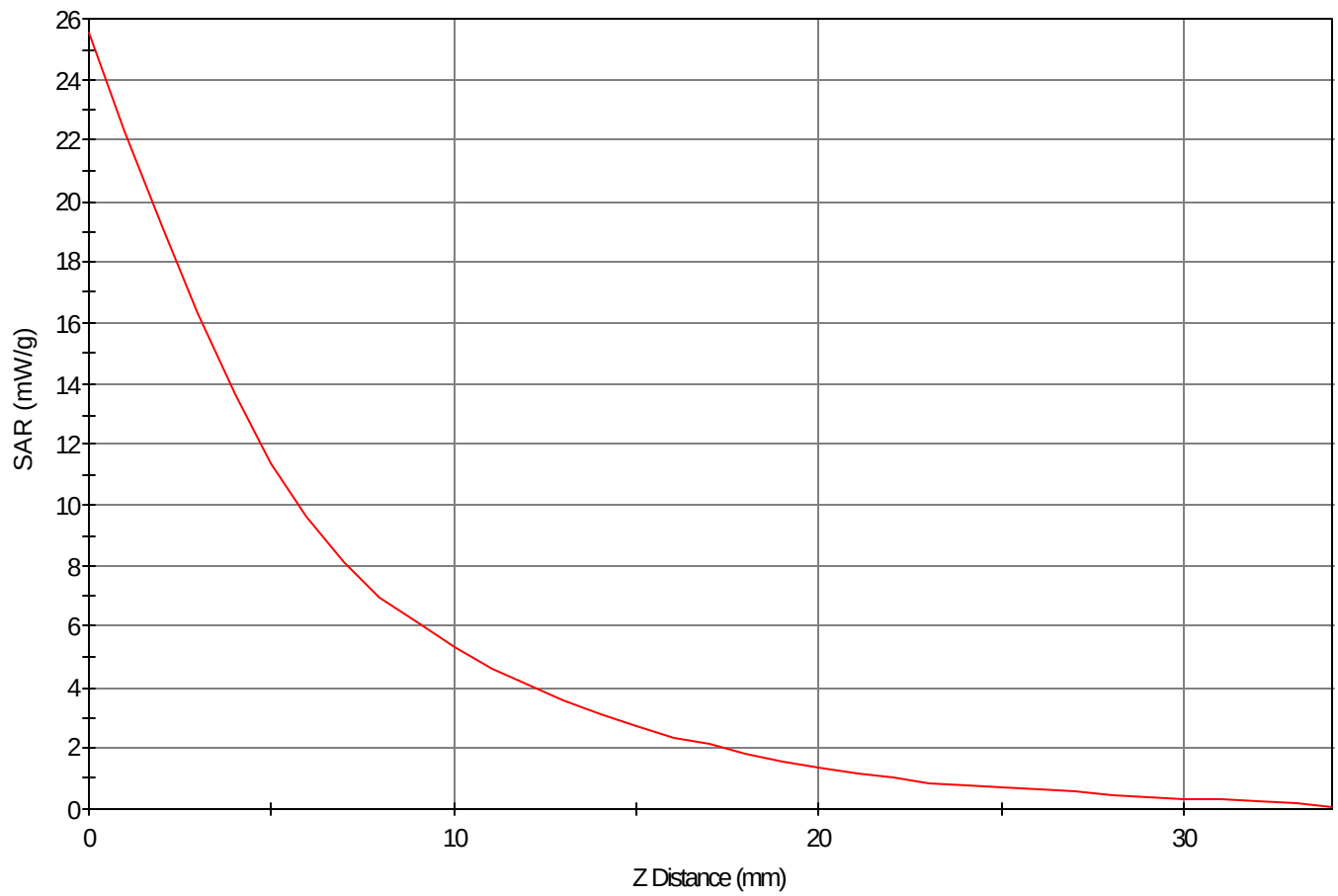
Max 1g SAR at x=3.0 y=2.0 z=0.0 = 13.05 W/kg

Max 10g SAR at x=4.0 y=1.0 z=0.0 = 6.05 W/kg

Validation Results at 0.25 W:

Peak Nominal = 26.1, Error: -2.09 %
1g Nominal = 13.1, Error: -0.35 %
10g Nominal = 6.0, Error: 0.76 %

SAR - Z Axis
at Hotspot x:3.0 y:-2.0



1g SAR Values

