

SAR Data Report 02061722

Start : 17-Jun-02 01:27:15 pm
End : 17-Jun-02 01:32:43 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Validation
Frequency : 1900 MHz
Transmit Pwr : 0.250 W
Antenna Type : Dipole

Measurement Data:

Phantom Name : SAM-FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 41.000
Tissue Conductivity : 1.430
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.200
Calibrated Conductivity : 1.410
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 4.700
Probe Sensitivity : 3.000 2.995 2.653 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

1900 MHz Validation

CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.0 'C

Area Scan - Max Peak SAR Value at x=0.0 y=1.0 = 9.76 W/kg

Zoom Scan - Max Peak SAR Value at x=0.0 y=1.0 z=0.0 = 17.46 W/kg

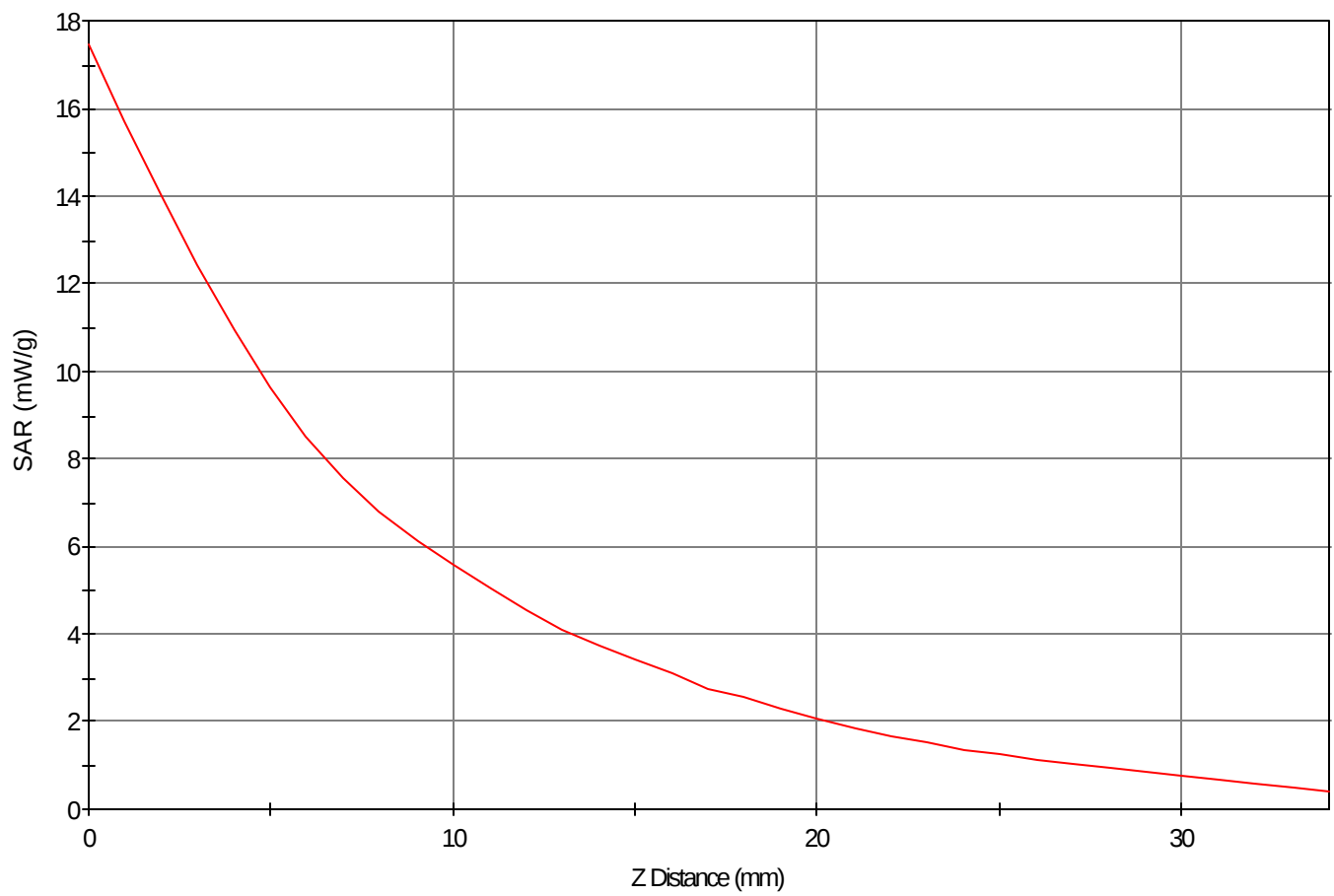
Max 1g SAR at x=0.0 y=2.0 z=0.0 = 10.33 W/kg

Max 10g SAR at x=0.0 y=1.0 z=0.0 = 5.44 W/kg

Validation Results at 0.25 W:

Peak Nominal = 18.0, Error: -3.15 %
1g Nominal = 9.9, Error: 4.13 %
10g Nominal = 5.1, Error: 6.11 %

SAR - Z Axis
at Hotspot x:0.0 y:1.0



1g SAR Values

