

SAR Data Report 02071201

Start : 12-Jul-02 09:05:45 am
End : 12-Jul-02 09:17:50 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

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

Measurement Data:

Phantom Name : SAM-FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.100
Tissue Conductivity : 1.790
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
SN: 146
CF=1; Amb. Temp.=22.2'C; Liq. Temp.=22.2'C

Area Scan - Max Peak SAR Value at x=-1.0 y=-2.0 = 15.20 W/kg

Zoom Scan - Max Peak SAR Value at x=-1.0 y=-2.0 z=0.0 = 25.41 W/kg

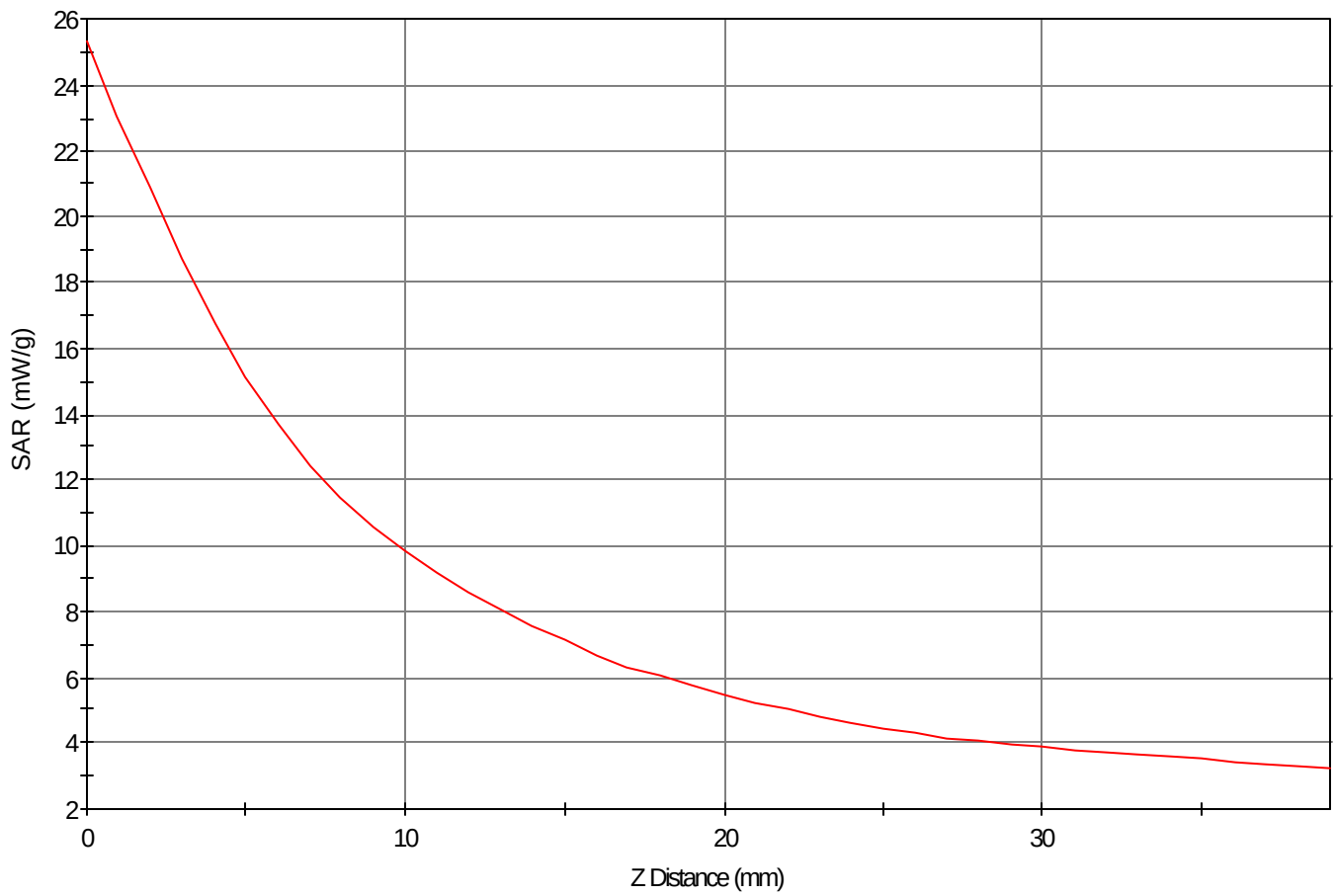
Max 1g SAR at x=-1.0 y=-2.0 z=0.0 = 12.78 W/kg

Max 10g SAR at x=-1.0 y=-2.0 z=0.0 = 8.61 W/kg

Validation Results at 0.25 W:

Peak Nominal = 26.0, Error: -2.27 %
1g Nominal = 13.1, Error: -2.44 %
10g Nominal = 8.5, Error: 1.29 %

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



1g SAR Values

