

SAR Data Report 02050101

Start : 1-May-02 08:59:35 am  
End : 1-May-02 09:10:46 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 : 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<sup>2</sup>)  
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.=22.7'C; Liq. Temp.=21.9'C

Area Scan - Max Peak SAR Value at x=0.0 y=-2.0 = 14.31 W/kg

Zoom Scan - Max Peak SAR Value at x=-1.0 y=-2.0 z=0.0 = 24.37 W/kg

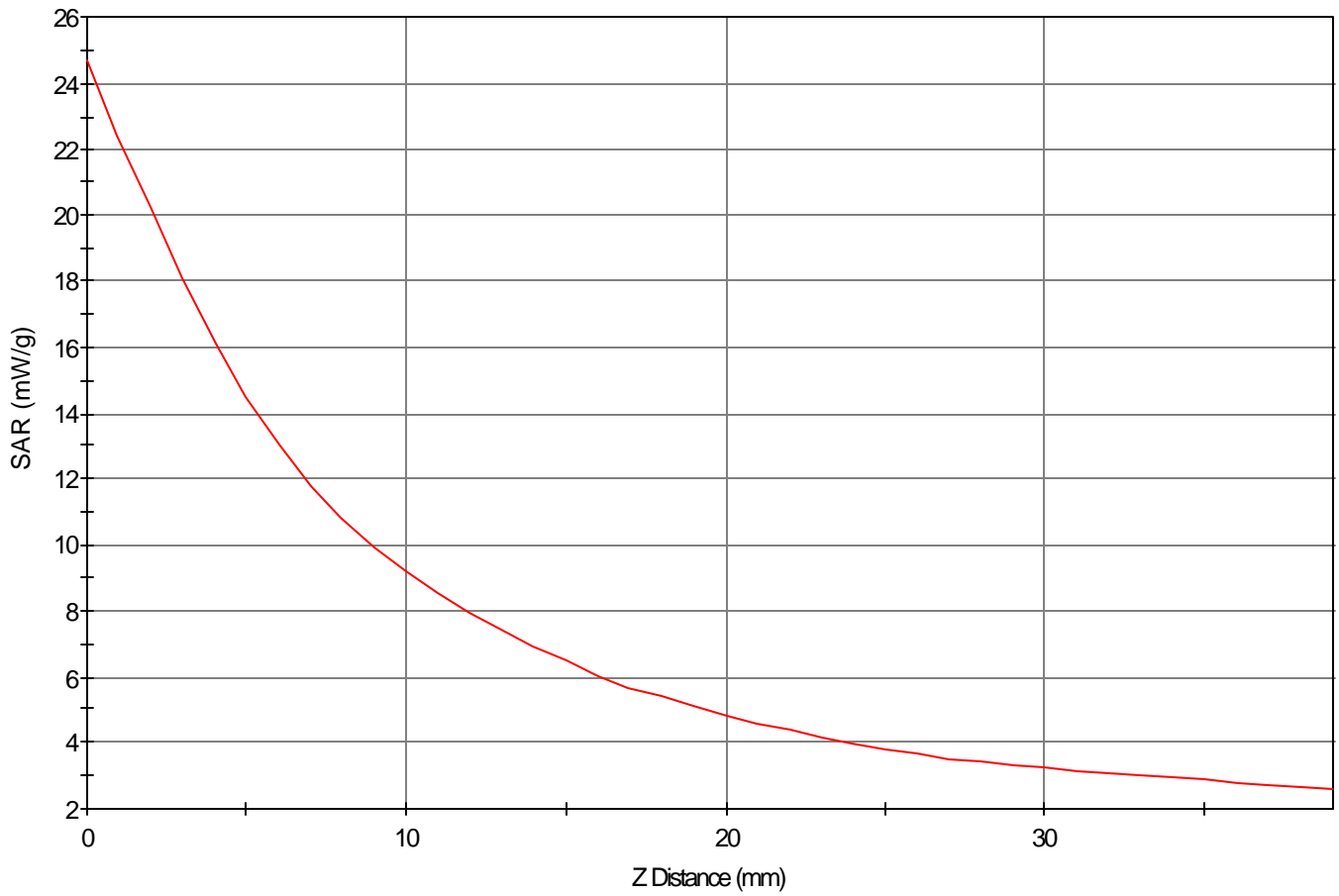
Max 1g SAR at x=-1.0 y=-2.0 z=0.0 = 12.75 W/kg

Max 10g SAR at x=-1.0 y=-2.0 z=0.0 = 8.57 W/kg

Validation Results at 0.25 W:

Peak Nominal = 26.0, Error: -6.27 %  
1g Nominal = 13.1, Error: -2.67 %  
10g Nominal = 8.5, Error: 0.08 %

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



### 1g SAR Values

