

SAR Data Report 02112201

Start : 22-Nov-02 9:38:28 am  
End : 22-Nov-02 9:44:27 am  
Code Version : 4.12  
Robot Version: 4.08  
Serial Number: 1068

Product Data:

Type : Dipole  
Frequency : 5800 MHz  
Transmit Pwr : 0.100 W  
Antenna Type : Dipole  
Antenna Posn. : Validation

Measurement Data:

Phantom Name : SAM FLAT  
Phantom Type : Uniphantom  
Tissue Type : Brain  
Tissue Dielectric : 36.500  
Tissue Conductivity : 5.300  
Tissue Density : 1.000  
Crest Factor : 1.000  
Robot Name : CRS

Probe Data:

Probe Name : PCT002  
Probe Type : E Fld Triangle  
Frequency : 5000 MHz  
Tissue Type : Brain  
Calibrated Dielectric : 35.300  
Calibrated Conductivity : 5.270  
Probe Offset : 2.400 mm  
Conversion Factor : 2.400  
Diode Compression Pt : 76.0 mV  
Probe Sensitivity : 0.683 0.796 0.774 mV/(mW/cm^2)  
Amplifier Gains : 20.00 20.00 20.00  
Chan. Offset (mV) : 2.39 2.95 2.60

Sample:

Rate: 6000 Samples/Sec  
Count: 1000 Samples  
NIDAQ Gain: 5  
Scan Time: 166.7 msec

Comments:

5800 MHz Validation

Amb. Temp= 22.4 'C; Liq. Temp=21.9 'C

Area Scan - Max Peak SAR Value at x=3.0 y=3.0 = 12.55 W/kg

Zoom Scan - Max Peak SAR Value at x=4.0 y=2.0 z=0.0 = 26.52 W/kg

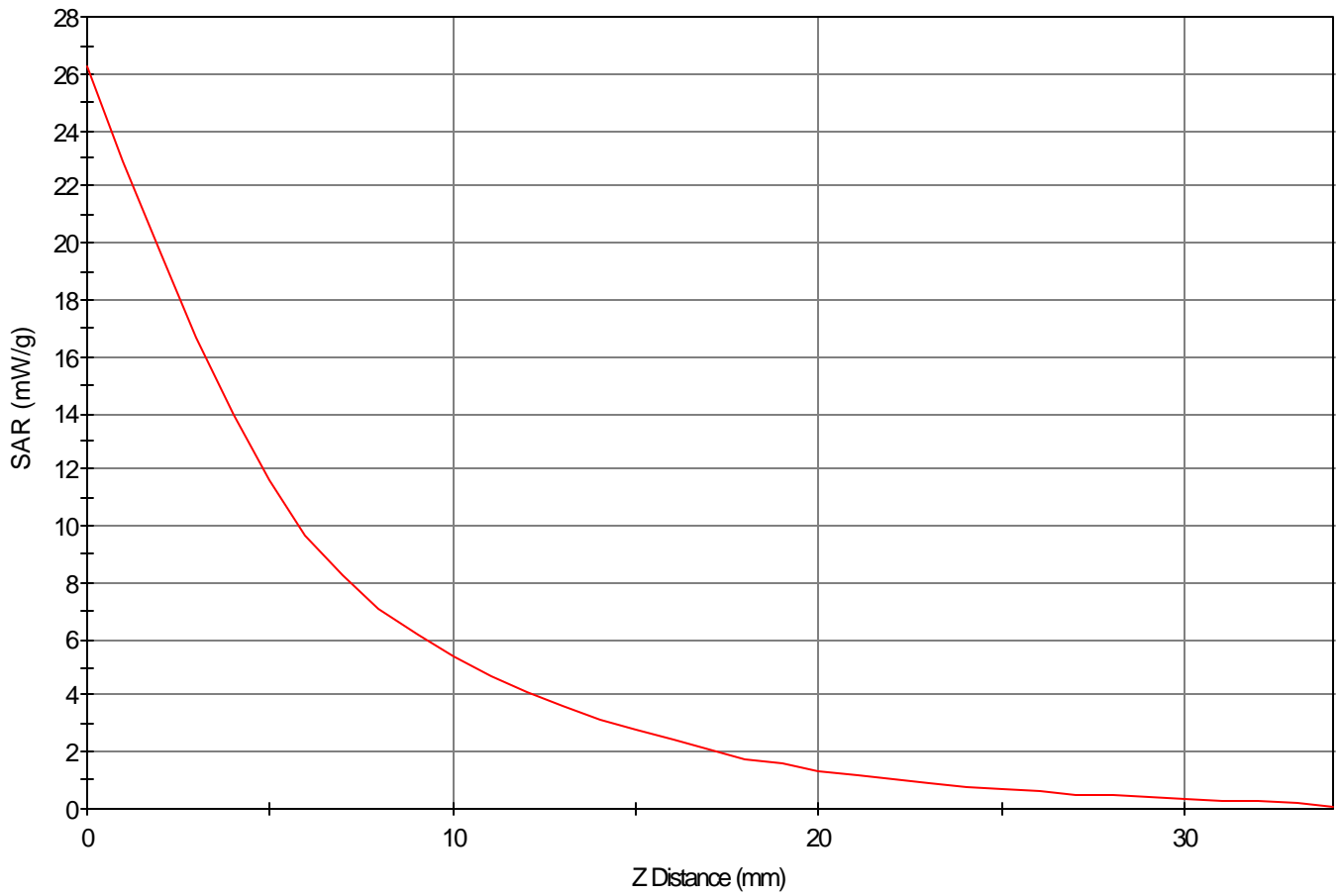
Max 1g SAR at x=4.0 y=3.0 z=0.0 = 13.76 W/kg

Max 10g SAR at x=4.0 y=2.0 z=0.0 = 5.95 W/kg

Validation Results at 0.10 W:

Peak Nominal = 27.4, Error: 3.21 %  
1g Nominal = 13.2, Error: 3.93 %  
10g Nominal = 5.7, Error: 3.66 %

SAR - Z Axis  
at Hotspot x:4.0 y:2.0



### 1g SAR Values

