

SAR Data Report 02041021

Start : 10-Apr-02 03:24:21 pm  
End : 10-Apr-02 03:35:47 pm  
Code Version : 4.08  
Robot Version: 4.08

Product Data:

Type : SAMSUNG  
Model Number : MPC13A-20/R  
Frequency : 2442 MHz  
Transmit Pwr : 0.032 W  
Antenna Type : IFA  
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-FLAT  
Phantom Type : Uniphantom  
Tissue Type : Muscle  
Tissue Dielectric : 39.000  
Tissue Conductivity : 1.800  
Tissue Density : 1.000  
Robot Name : CRS

Probe Data:

Probe Name : PCT25  
Probe Type : E Fld Triangle  
Frequency : 2450 MHz  
Tissue Type : Muscle  
Calibrated Dielectric : 49.200  
Calibrated Conductivity : 1.950  
Calibrated Density : 1.000  
Probe Offset : 2.400 mm  
Conversion Factor : 16.500  
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:

DSSS CH-7 AT 11 MBps  
Body - INSIDE  
CF=1; Amb. Temp= 21.3 'C; Liq. Temp=21.0 'C

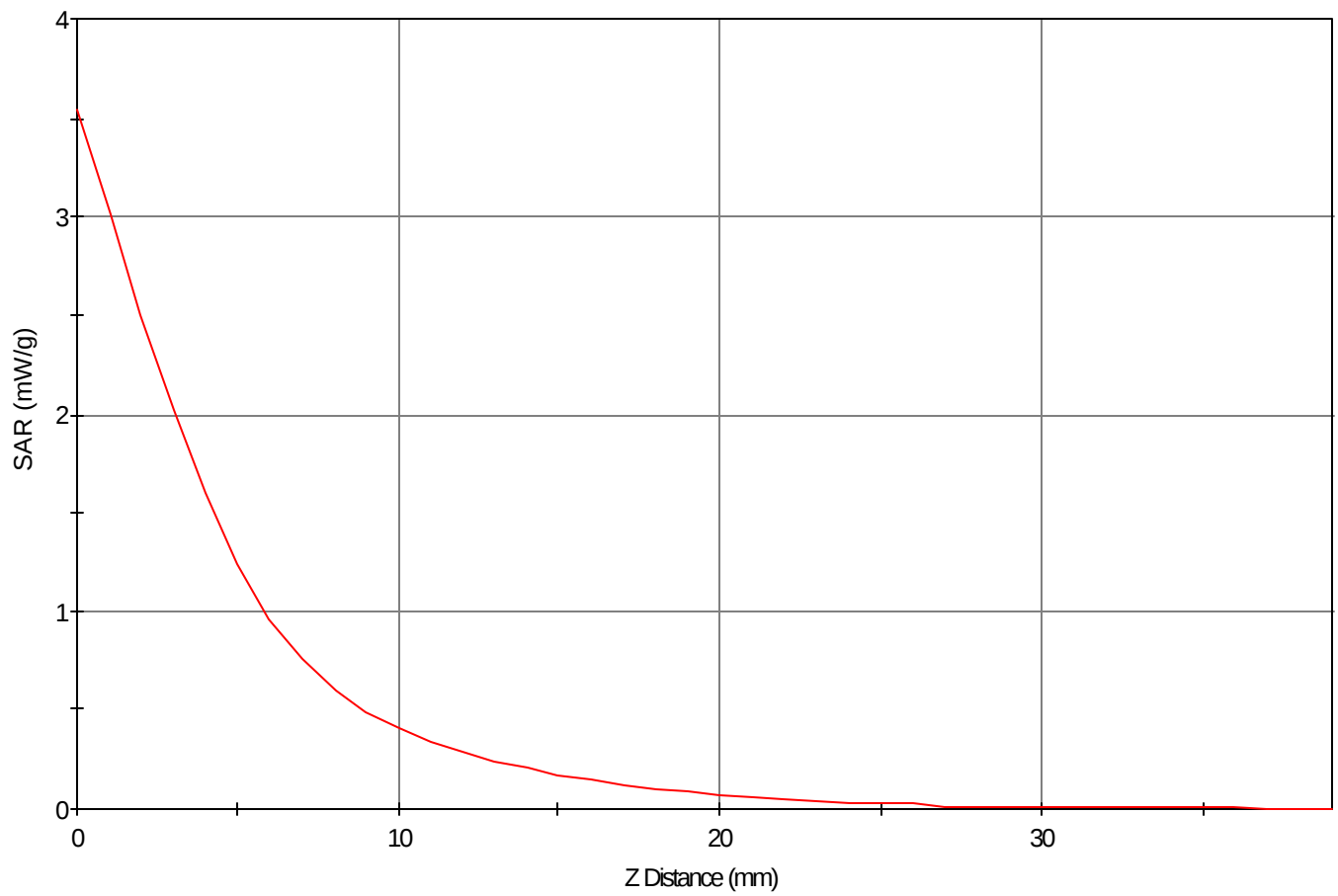
Area Scan - Max Peak SAR Value at x=6.0 y=-9.0 = 1.25 W/kg

Zoom Scan - Max Peak SAR Value at x=6.0 y=-9.0 z=0.0 = 3.54 W/kg

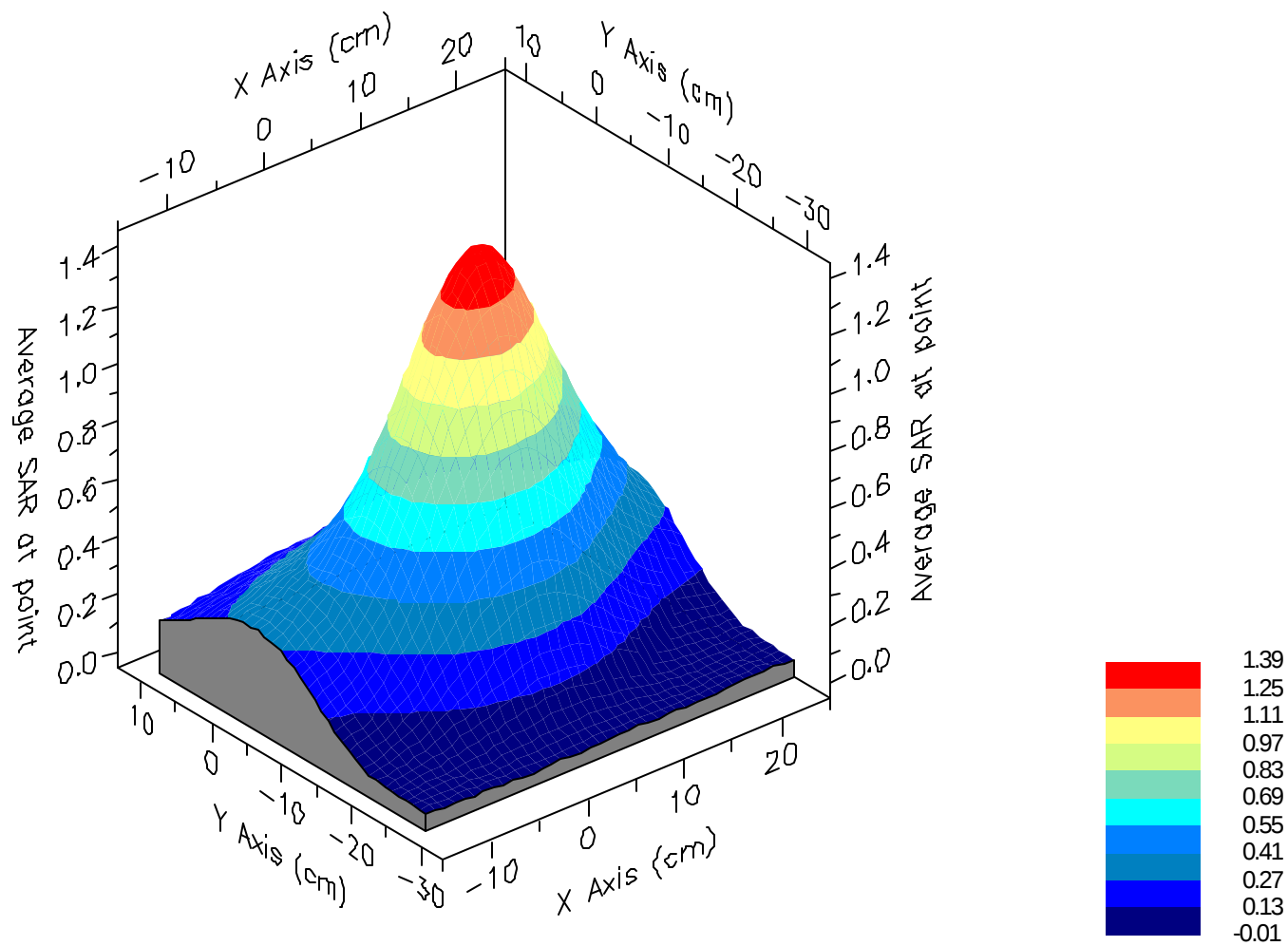
Max 1g SAR at x=7.0 y=-8.0 z=0.0 = 1.39 W/kg

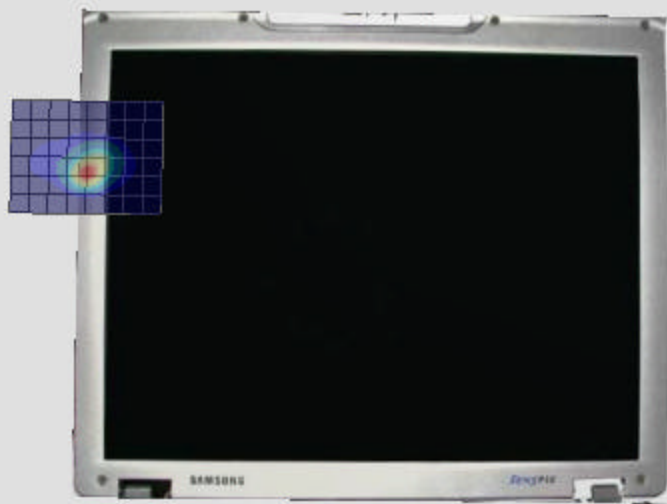
Max 10g SAR at x=8.0 y=-6.0 z=0.0 = 0.47 W/kg

SAR - Z Axis  
at Hotspot x:6.0 y:-9.0



1g SAR Values





SAR Data Report 02041010

Start : 10-Apr-02 01:26:40 pm  
End : 10-Apr-02 01:39:51 pm  
Code Version : 4.08  
Robot Version: 4.08

Product Data:

Type : SAMSUNG  
Model Number : SP10WL  
Frequency : 2412 MHz  
Transmit Pwr : 0.032 W  
Antenna Type : IFA  
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-FLAT  
Phantom Type : Uniphantom  
Tissue Type : Muscle  
Tissue Dielectric : 39.000  
Tissue Conductivity : 1.800  
Tissue Density : 1.000  
Robot Name : CRS

Probe Data:

Probe Name : PCT25  
Probe Type : E Fld Triangle  
Frequency : 2450 MHz  
Tissue Type : Muscle  
Calibrated Dielectric : 49.200  
Calibrated Conductivity : 1.950  
Calibrated Density : 1.000  
Probe Offset : 2.400 mm  
Conversion Factor : 16.500  
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:

DSSS CH-1 AT 11 MBps  
Body  
CF=1; Amb. Temp= 21.3 'C; Liq. Temp=21.0 'C

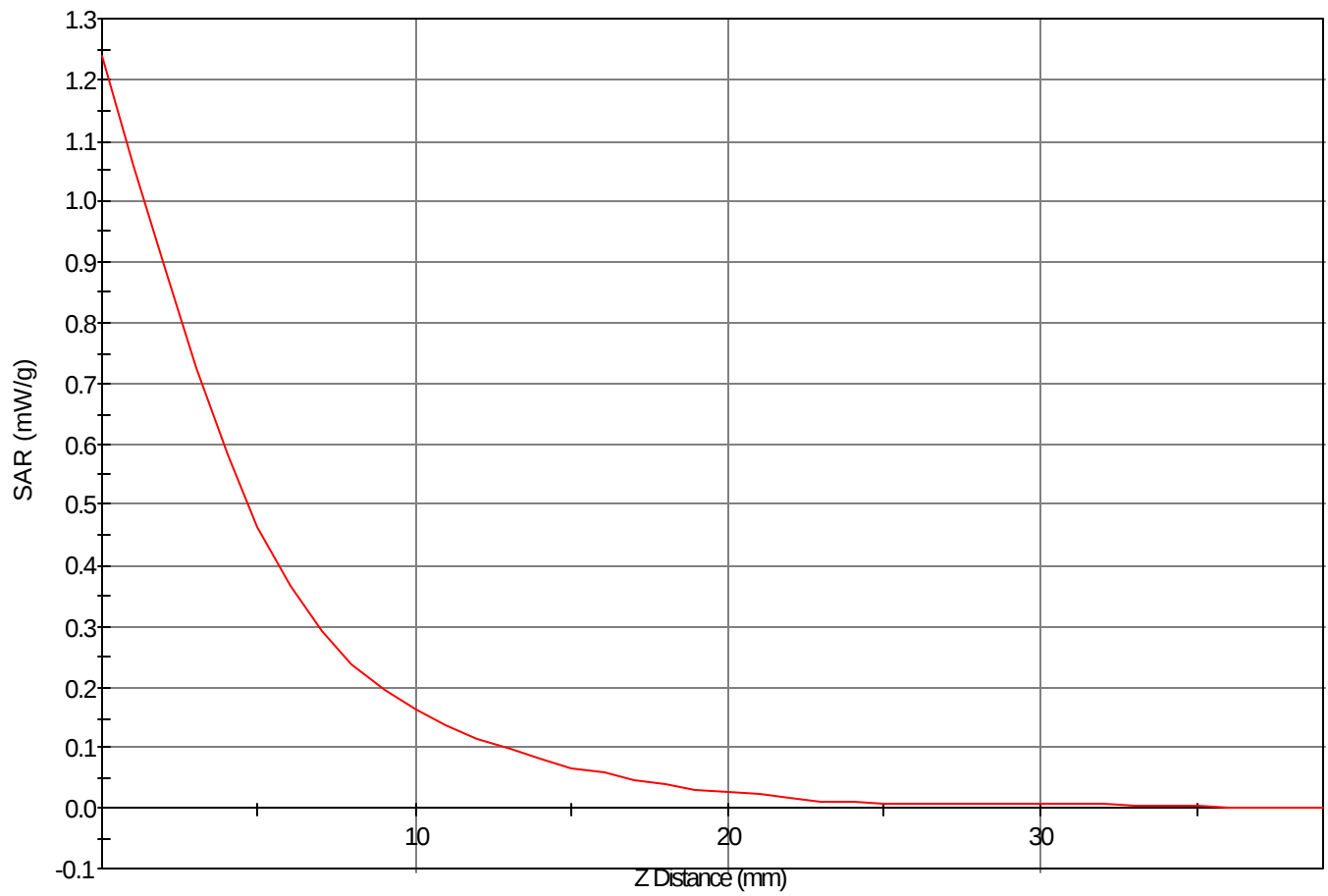
Area Scan - Max Peak SAR Value at x=-2.0 y=4.0 = 0.47 W/kg

Zoom Scan - Max Peak SAR Value at x=-1.0 y=4.0 z=0.0 = 1.24 W/kg

Max 1g SAR at x=-1.0 y=4.0 z=0.0 = 0.54 W/kg

Max 10g SAR at x=1.0 y=4.0 z=0.0 = 0.19 W/kg

SAR - Z Axis  
at Hotspot x:-1.0 y:4.0



1g SAR Values

