

SAR Data Report 03010902

Start : 9-Jan-03 09:33:54 am
End : 9-Jan-03 09:37:41 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Validation
Frequency : 5300 MHz
Transmit Pwr : 0.050 W
Antenna Type : Dipole

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 37.400
Tissue Conductivity : 5.080
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 5300 MHz
Tissue Type : Brain
Calibrated Dielectric : 37.100
Calibrated Conductivity : 4.840
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 3.200
Probe Sensitivity : 1.939 2.177 2.062 mV/(mW/cm²)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 1000 Samples
NIDAQ Gain: 5

Comments:

5300 MHz Validation

CF=1; Amb. Temp= 21.3 'C; Liq. Temp=20.0 'C

Zoom Scan - Max Peak SAR Value at x=1.0 y=1.0 z=0.0 = 17.61 W/kg

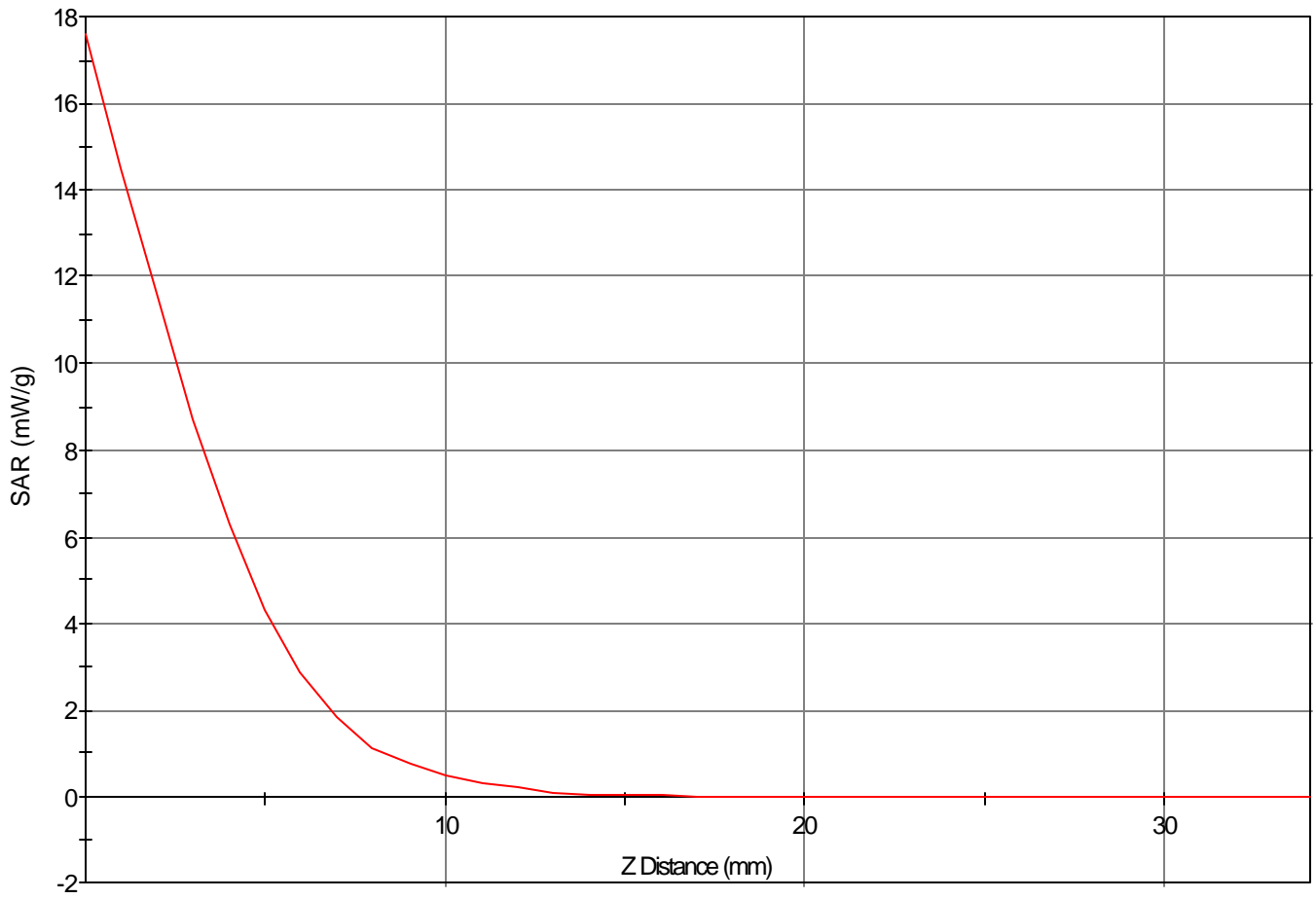
Max 1g SAR at x=1.0 y=1.0 z=0.0 = 6.08 W/kg

Max 10g SAR at x=0.0 y=0.0 z=0.0 = 1.88 W/kg

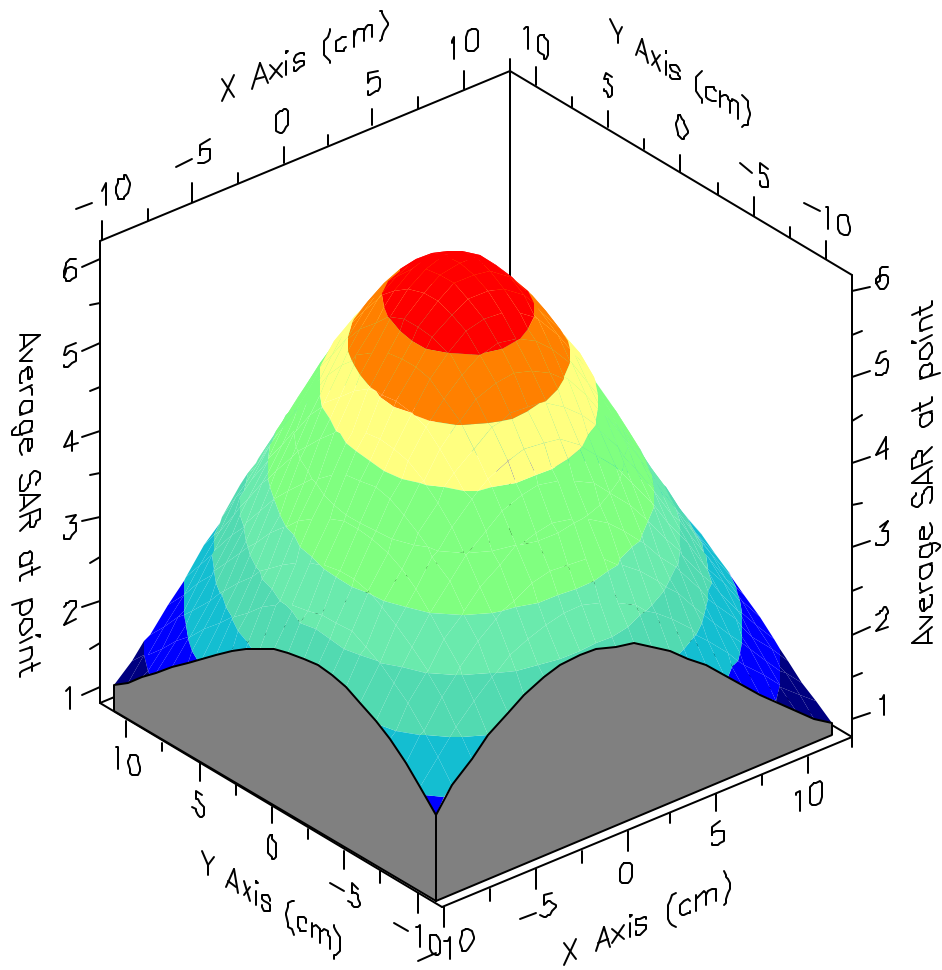
Validation Results at 0.05 W:

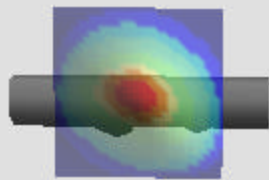
1g Nominal = 6.0, Error: 1.11 %

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



1g SAR Values





SAR Data Report 03010712

Start : 7-Jan-03 10:55:12 am
End : 7-Jan-03 11:00:09 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Validation
Frequency : 2440 MHz
Transmit Pwr : 0.050 W
Antenna Type : Dipole

Measurement Data:

Phantom Name : SAM-FLAT-B
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 39.000
Tissue Conductivity : 1.810
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 2440 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.340
Calibrated Conductivity : 1.770
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 2.500
Probe Sensitivity : 7.280 7.866 8.842 mV/(mW/cm²)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 1000 Samples
NIDAQ Gain: 5

Comments:

2440 MHz Validation

CF=1; Amb. Temp= 21.3 'C; Liq. Temp=20.0 'C

Area Scan - Max Peak SAR Value at x=1.0 y=-3.0 = 2.21 W/kg

Zoom Scan - Max Peak SAR Value at x=0.0 y=-3.0 z=0.0 = 5.67 W/kg

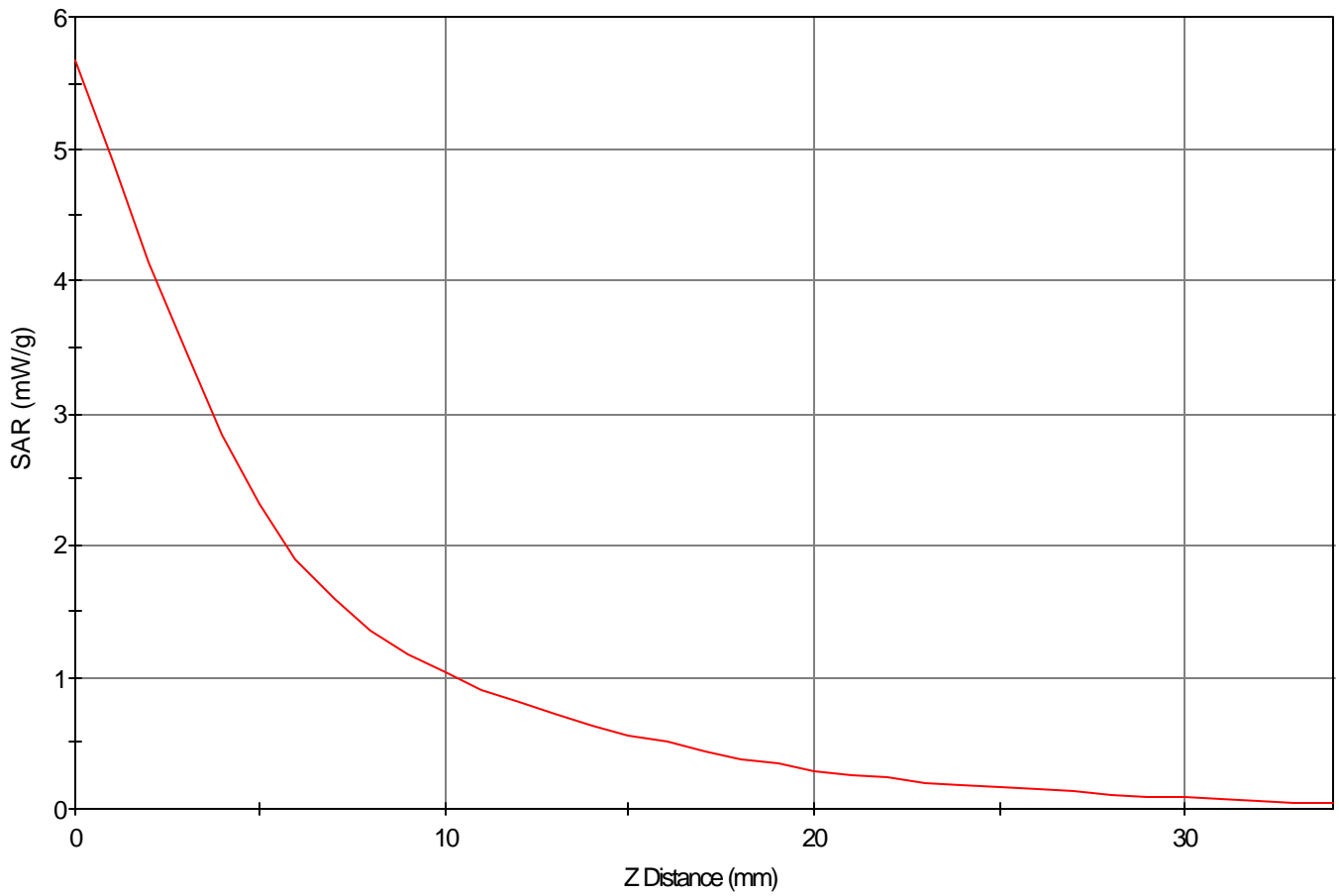
Max 1g SAR at x=1.0 y=-3.0 z=0.0 = 2.67 W/kg

Max 10g SAR at x=1.0 y=-4.0 z=0.0 = 1.14 W/kg

Validation Results at 0.05 W:

1g Nominal = 2.6, Error: 1.98 %

SAR - Z Axis
at Hotspot x:0.0 y:-3.0



1g SAR Values

