

SAR Data Report 02091002

Start : 10-Sep-02 09:39:25 am
End : 10-Sep-02 09:44:49 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Validation
Frequency : 836.49 MHz
Transmit Pwr : 0.250 W
Antenna Type : Dipole
Antenna Posn. : Validation

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.030
Tissue Conductivity : 0.910
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.700
Calibrated Conductivity : 0.890
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.800
Probe Sensitivity : 3.597 3.474 3.049 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

835 MHz Validation

CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

Area Scan - Max Peak SAR Value at x=3.0 y=-2.0 = 2.12 W/kg

Zoom Scan - Max Peak SAR Value at x=3.0 y=-4.0 z=0.0 = 3.58 W/kg

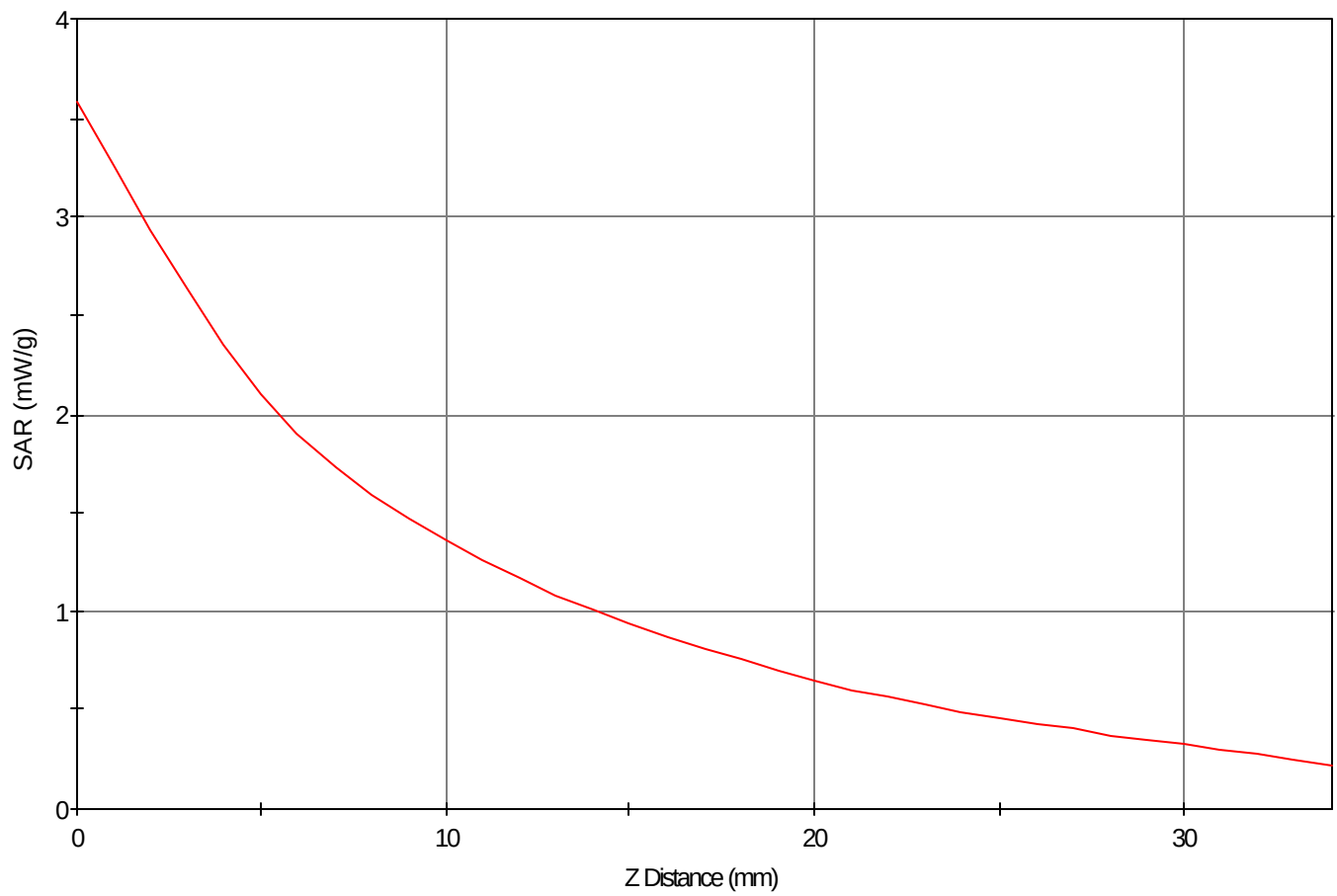
Max 1g SAR at x=3.0 y=-3.0 z=0.0 = 2.28 W/kg

Max 10g SAR at x=3.0 y=-2.0 z=0.0 = 1.42 W/kg

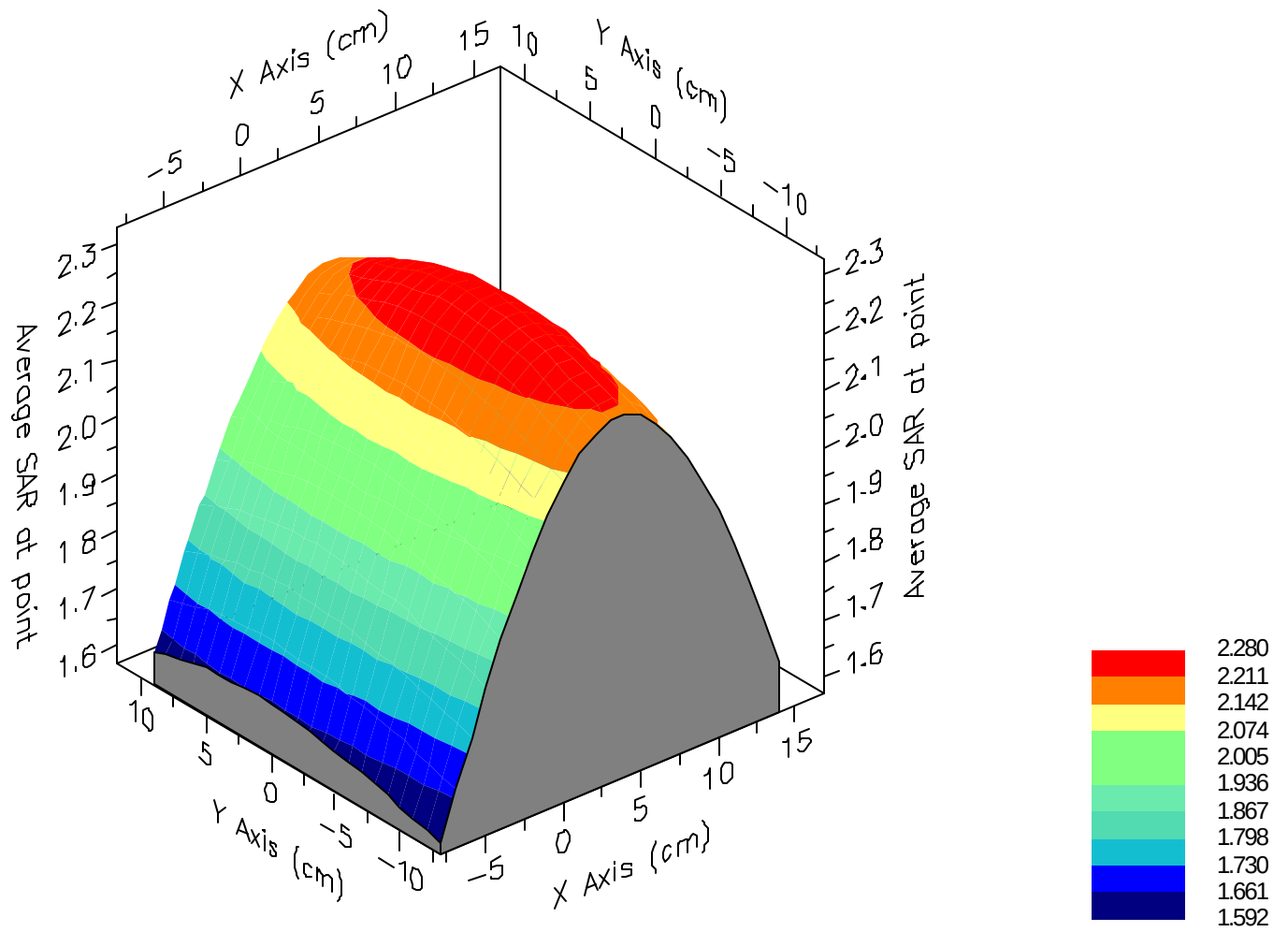
Validation Results at 0.25 W:

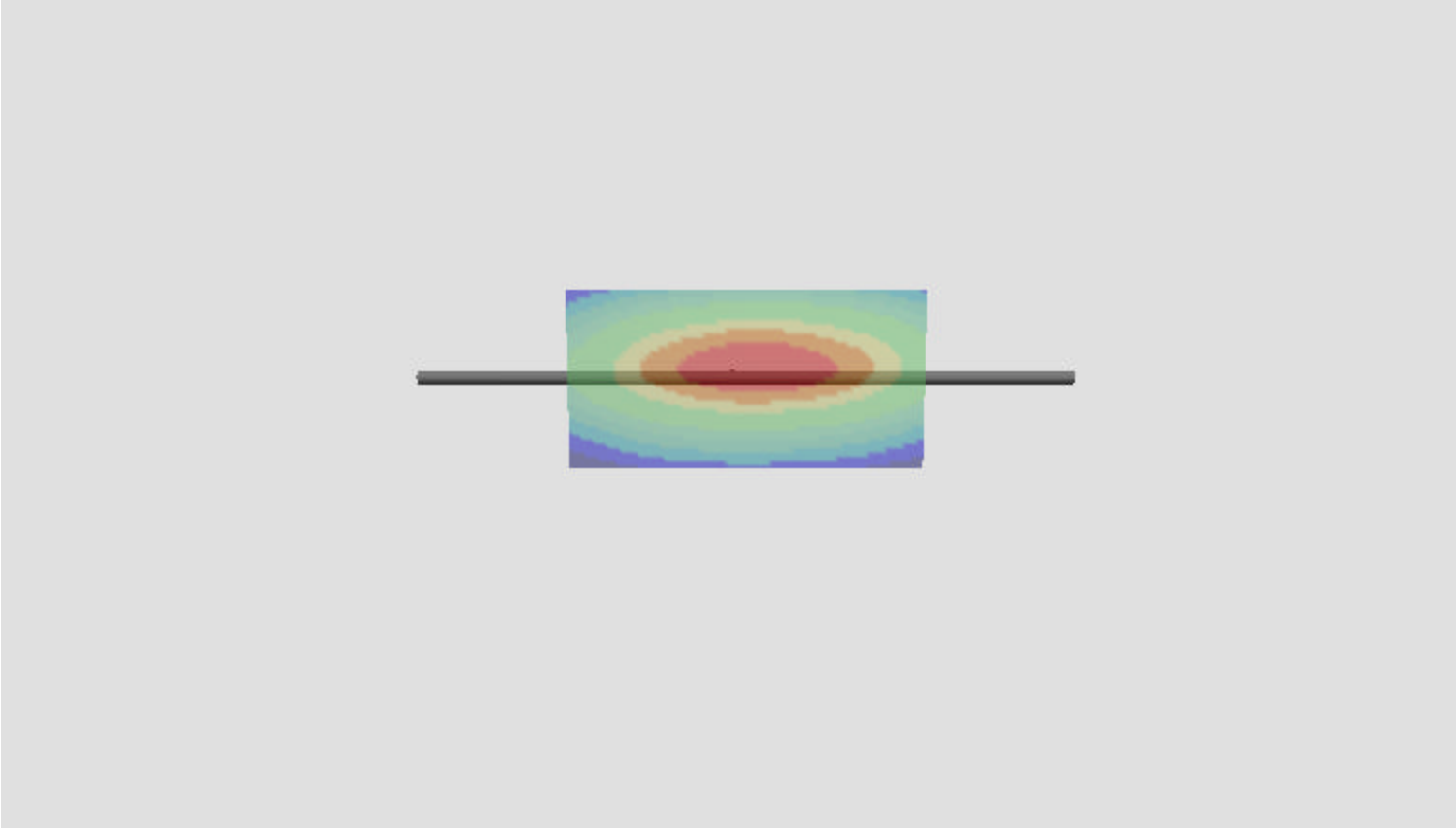
Peak Nominal = 3.5, Error: 1.51 %
1g Nominal = 2.4, Error: -3.99 %
10g Nominal = 1.6, Error: -8.56 %

SAR - Z Axis
at Hotspot x:3.0 y:-4.0



1g SAR Values





SAR Data Report 02090905

Start : 09-Sep-02 10:40:12 am
End : 09-Sep-02 10:46:11 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Dipole
Frequency : 1900 MHz
Transmit Pwr : 0.250 W
Antenna Type : Dipole
Antenna Posn. : Validation

Measurement Data:

Phantom Name : SAM-FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.760
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.200
Calibrated Conductivity : 1.410
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 4.700
Probe Sensitivity : 3.000 2.995 2.653 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

1900 MHz Validation

CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

Area Scan - Max Peak SAR Value at x=1.0 y=2.0 = 9.69 W/kg

Zoom Scan - Max Peak SAR Value at x=1.0 y=1.0 z=0.0 = 17.05 W/kg

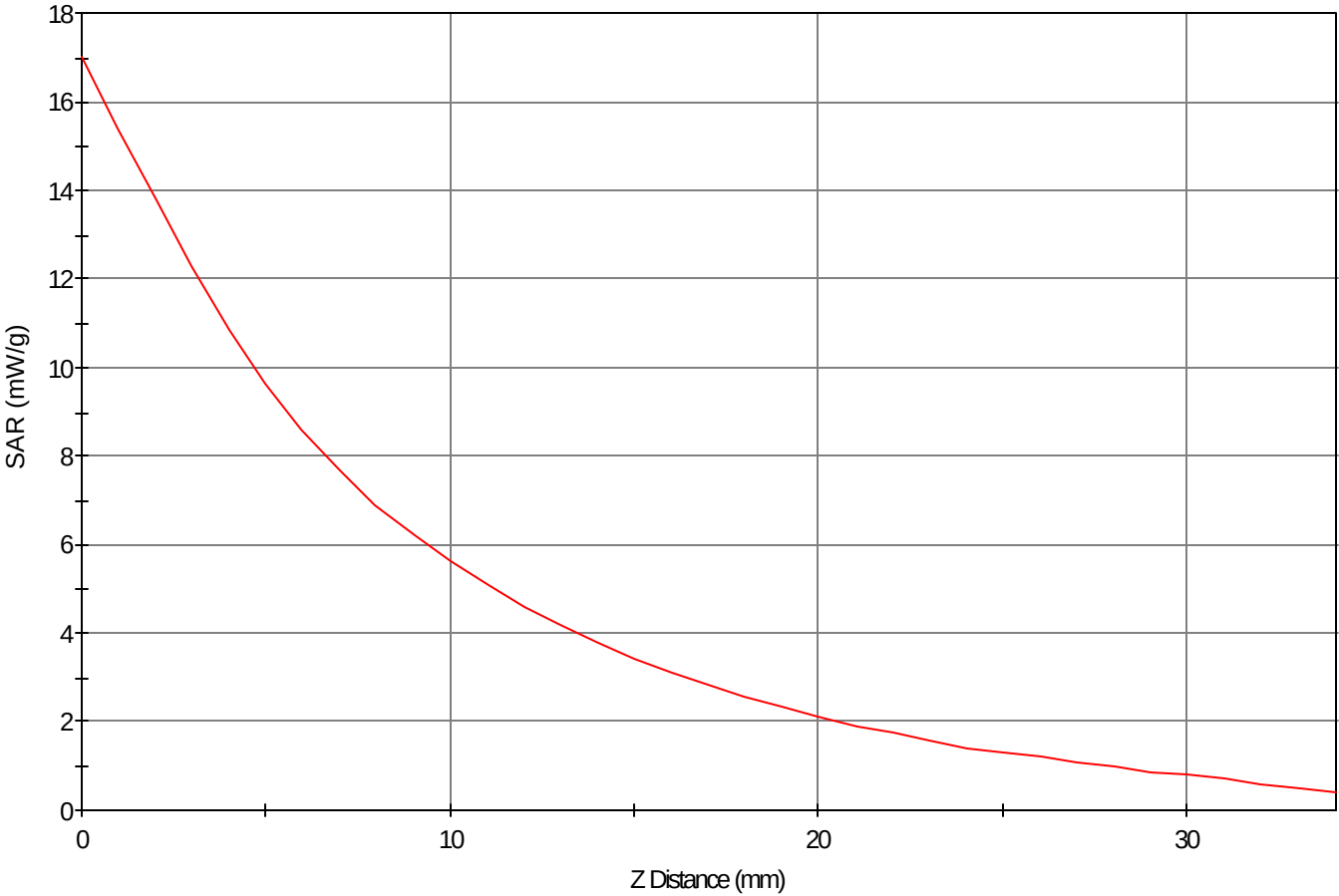
Max 1g SAR at x=2.0 y=1.0 z=0.0 = 10.19 W/kg

Max 10g SAR at x=2.0 y=1.0 z=0.0 = 5.39 W/kg

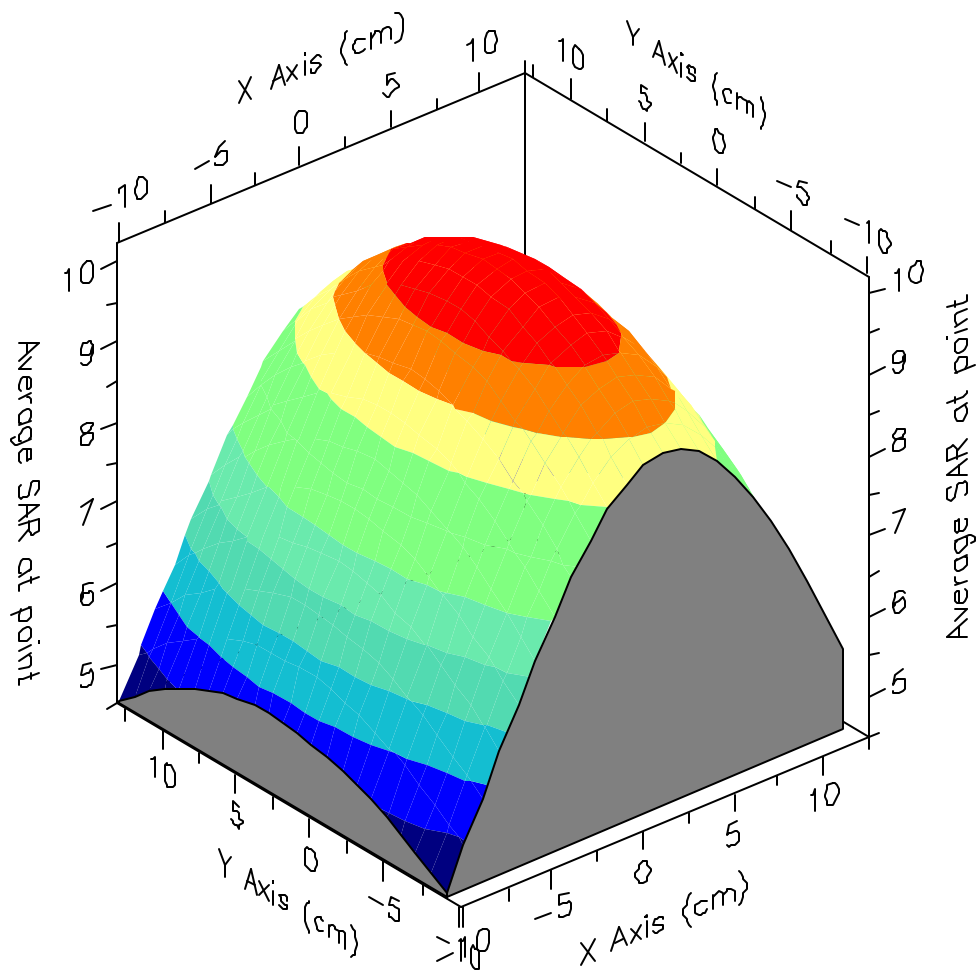
Validation Results at 0.25 W:

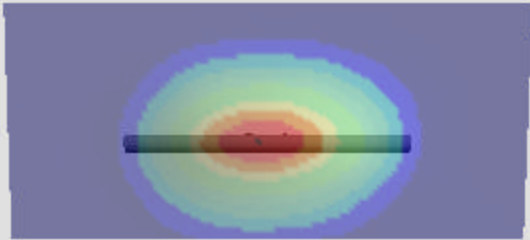
Peak Nominal = 18.0, Error: -5.41 %
1g Nominal = 9.9, Error: 2.66 %
10g Nominal = 5.1, Error: 5.10 %

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



1g SAR Values





SAR Data Report 02091303

Start : 13-Sep-02 10:46:20 am
End : 13-Sep-02 10:52:43 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : TOSHIBA
Model Number : CET200
Serial Number : p386
Frequency : 836.49 MHz
Transmit Pwr : 0.250 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.030
Tissue Conductivity : 0.910
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.700
Calibrated Conductivity : 0.890
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.800
Probe Sensitivity : 3.597 3.474 3.049 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

CDMA Mode CH-0383
Face
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

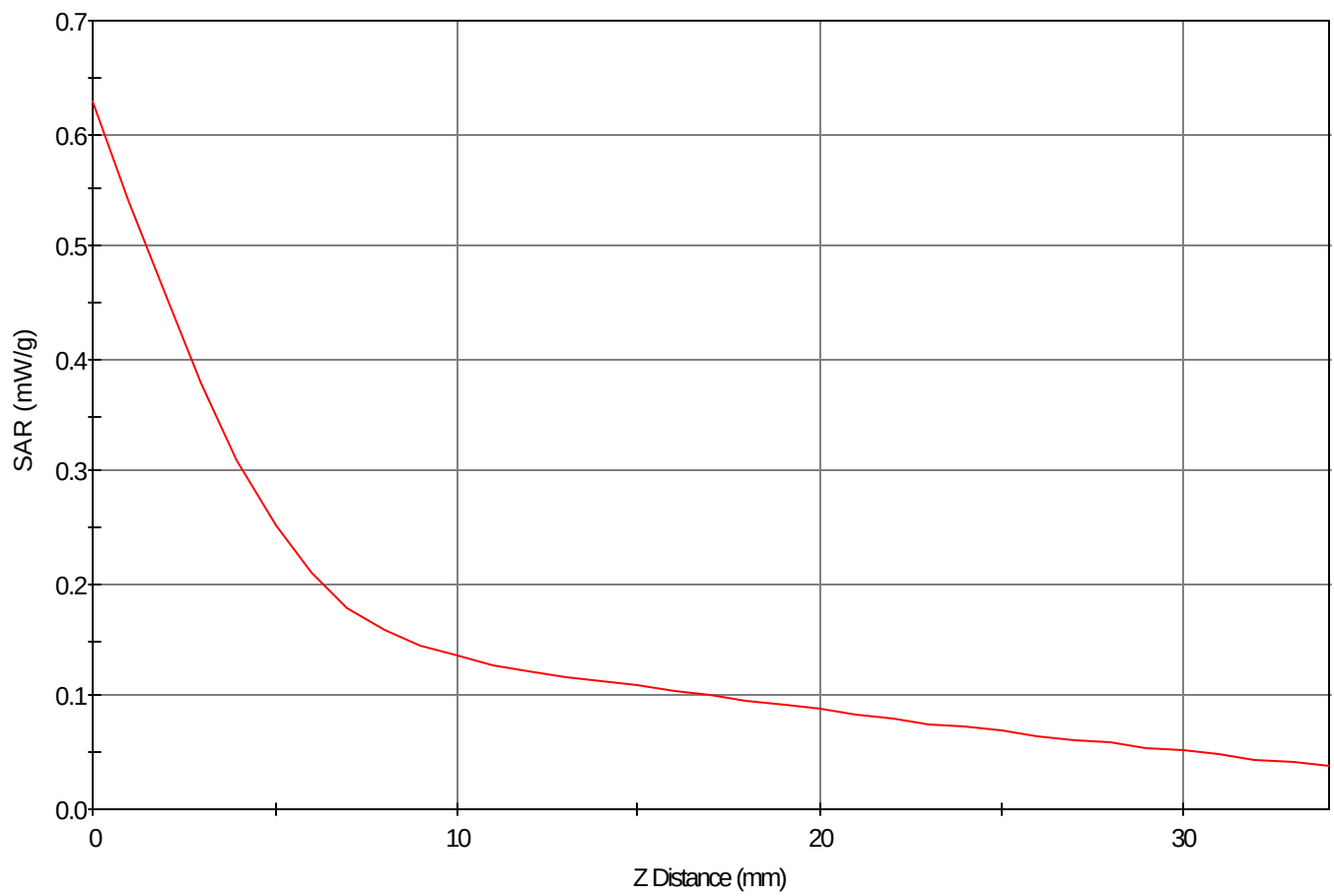
Area Scan - Max Peak SAR Value at x=14.0 y=-7.0 = 0.21 W/kg

Zoom Scan - Max Peak SAR Value at x=-2.0 y=1.0 z=0.0 = 0.63 W/kg

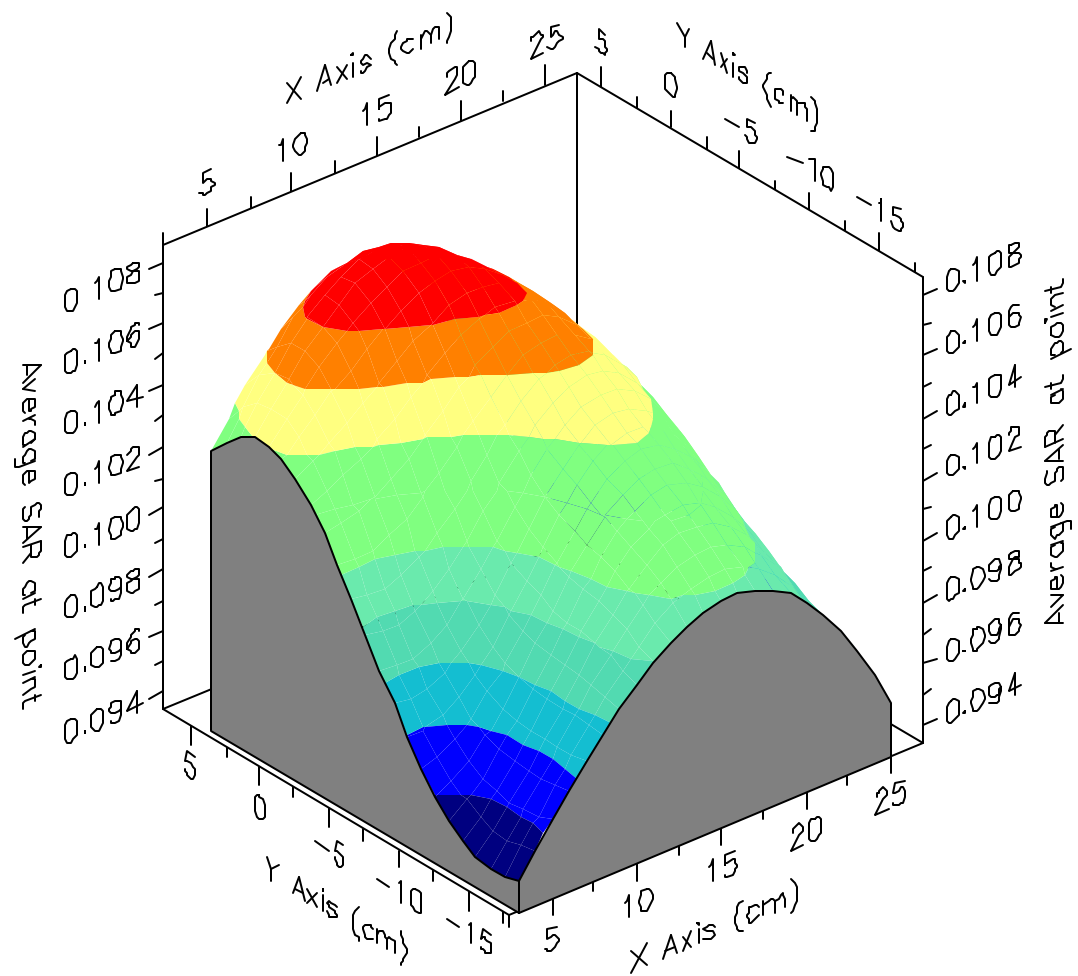
Max 1g SAR at x=15.0 y=-18.0 z=0.0 = 0.29 W/kg

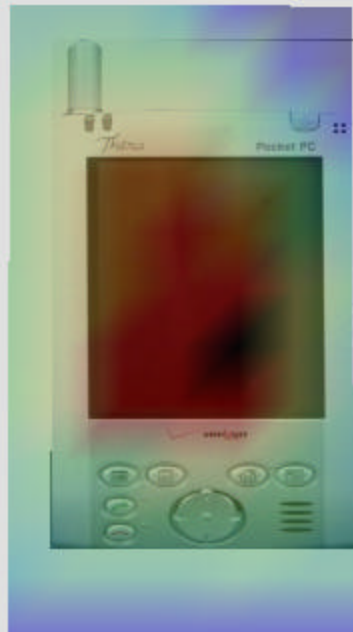
Max 10g SAR at x=9.0 y=-5.0 z=0.0 = 0.17 W/kg

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



1g SAR Values





SAR Data Report 02091020

Start : 10-Sep-02 05:54:06 pm
End : 10-Sep-02 06:00:03 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : TOSHIBA
Model Number : CET200
Serial Number : p386
Frequency : 1880.00 MHz
Transmit Pwr : 0.235 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.760
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.200
Calibrated Conductivity : 1.410
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 4.700
Probe Sensitivity : 3.000 2.995 2.653 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

PCS Mode CH-0600
FACE
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

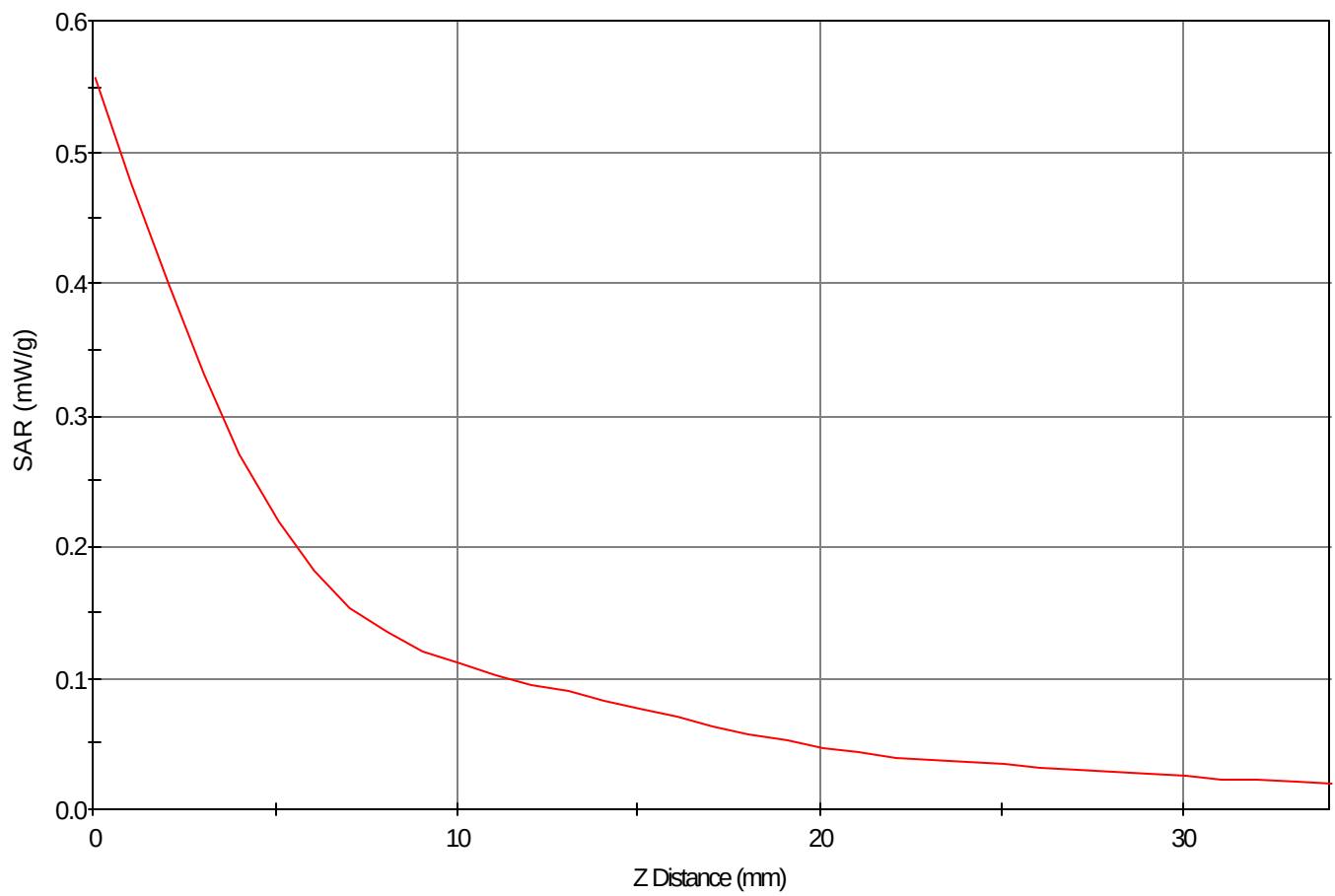
Area Scan - Max Peak SAR Value at x=-7.5 y=42.0 = 0.25 W/kg

Zoom Scan - Max Peak SAR Value at x=1.5 y=42.0 z=0.0 = 0.56 W/kg

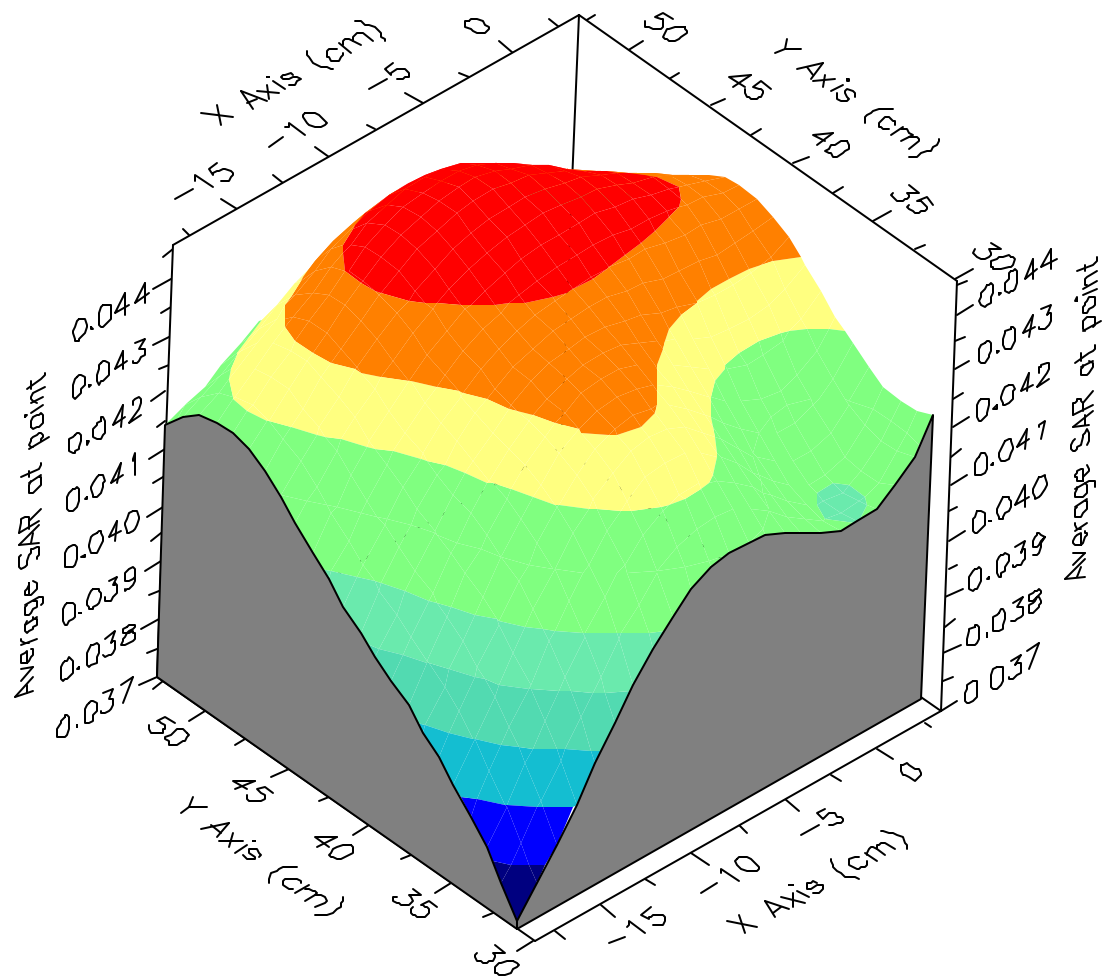
Max 1g SAR at x=-16.5 y=51.0 z=0.0 = 0.29 W/kg

Max 10g SAR at x=-2.5 y=37.0 z=0.0 = 0.17 W/kg

SAR - Z Axis
at Hotspot x:1.5 y:42.0



1g SAR Values





SAR Data Report 02091007

Start : 10-Sep-02 02:14:32 pm
End : 10-Sep-02 02:22:14 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : TOSHIBA
Model Number : CET200
Serial Number : p386
Frequency : 836.49 MHz
Transmit Pwr : 0.250 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 55.750
Tissue Conductivity : 0.990
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Muscle
Calibrated Dielectric : 55.700
Calibrated Conductivity : 0.990
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 4.900
Probe Sensitivity : 3.597 3.474 3.049 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

CDMA Mode CH-383
Body
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

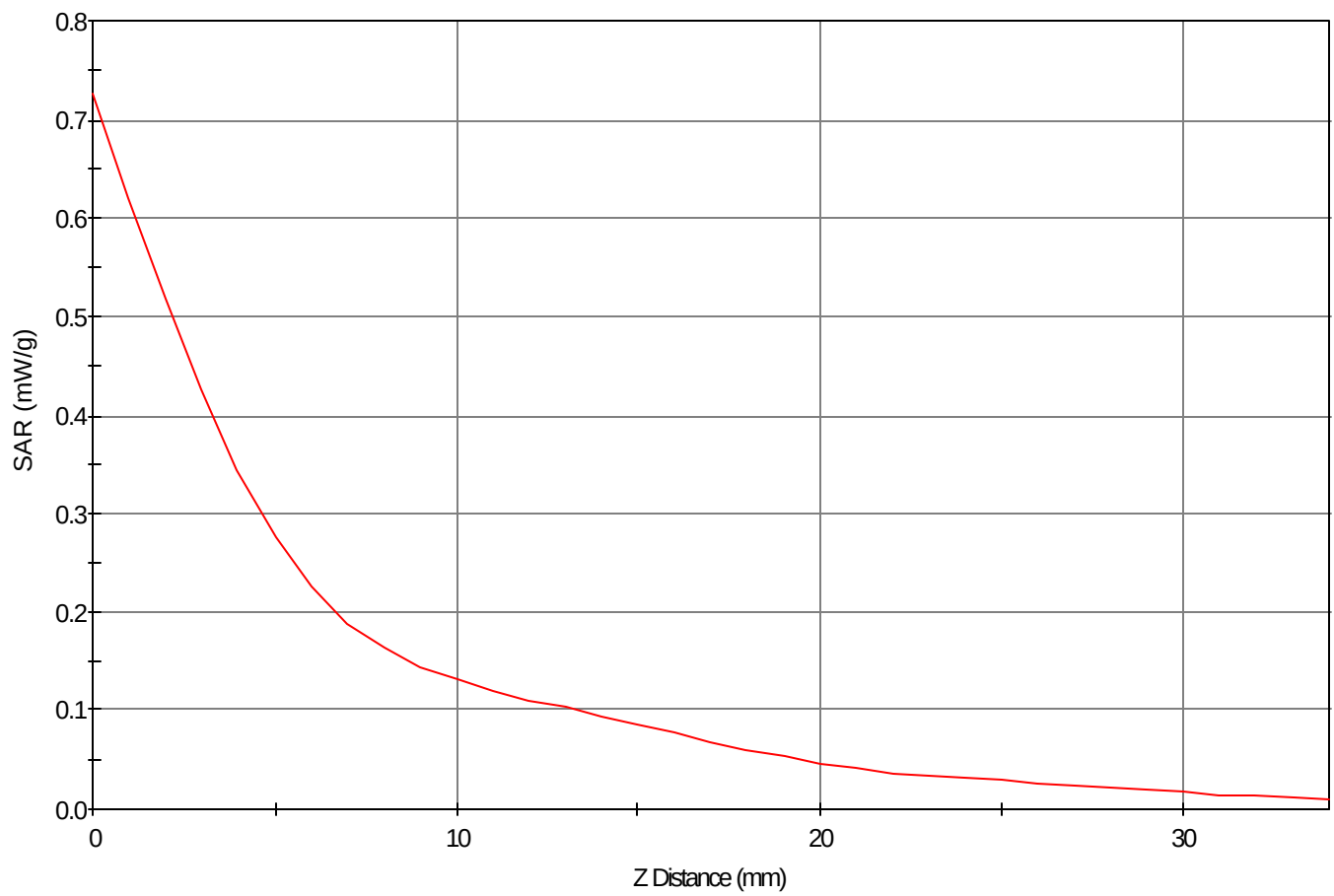
Area Scan - Max Peak SAR Value at x=-16.0 y=-13.0 = 0.25 W/kg

Zoom Scan - Max Peak SAR Value at x=-32.0 y=-29.0 z=0.0 = 0.74 W/kg

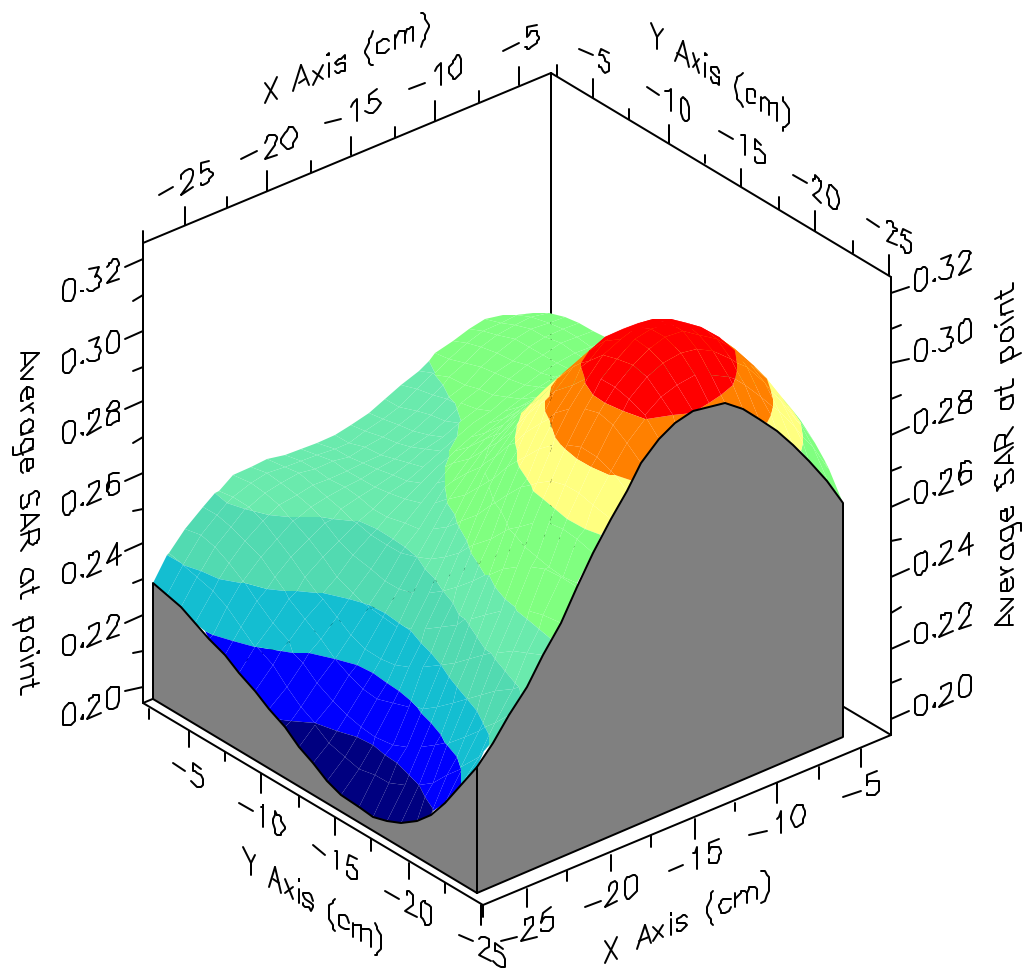
Max 1g SAR at x=-13.0 y=-20.0 z=0.0 = 0.32 W/kg

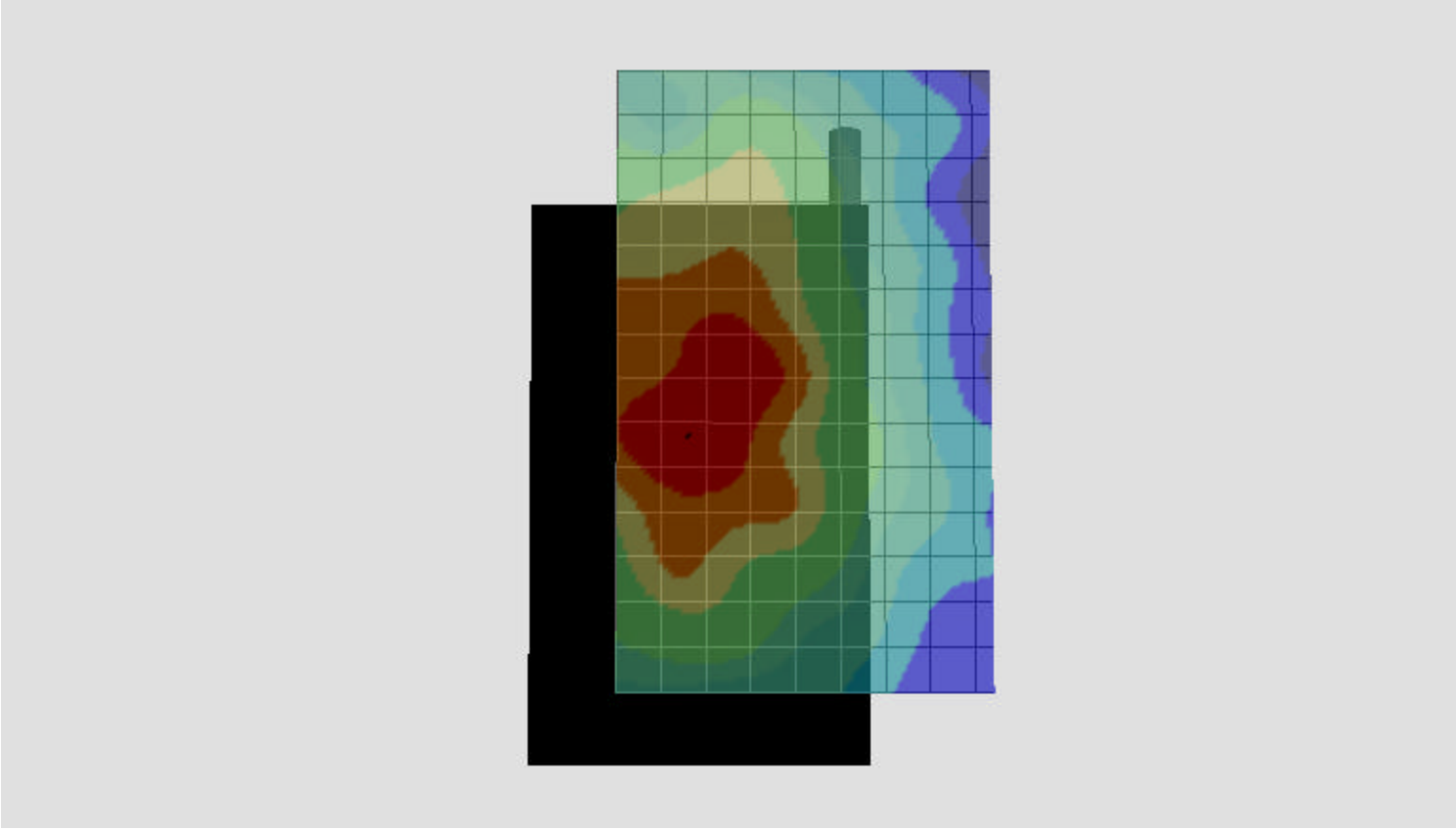
Max 10g SAR at x=-11.0 y=-15.0 z=0.0 = 0.20 W/kg

SAR - Z Axis
at Hotspot x:-32.0 y:-29.0



1g SAR Values





SAR Data Report 02090909

Start : 9-Sep-02 04:47:36 pm
End : 9-Sep-02 04:55:17 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : TOSHIBA
Model Number : CET200
Serial Number : p386
Frequency : 1908.75 MHz
Transmit Pwr : 0.235 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 54.570
Tissue Conductivity : 1.450
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Muscle
Calibrated Dielectric : 53.900
Calibrated Conductivity : 1.480
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 4.500
Probe Sensitivity : 3.000 2.995 2.653 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

PCS Mode CH-1175
Body
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

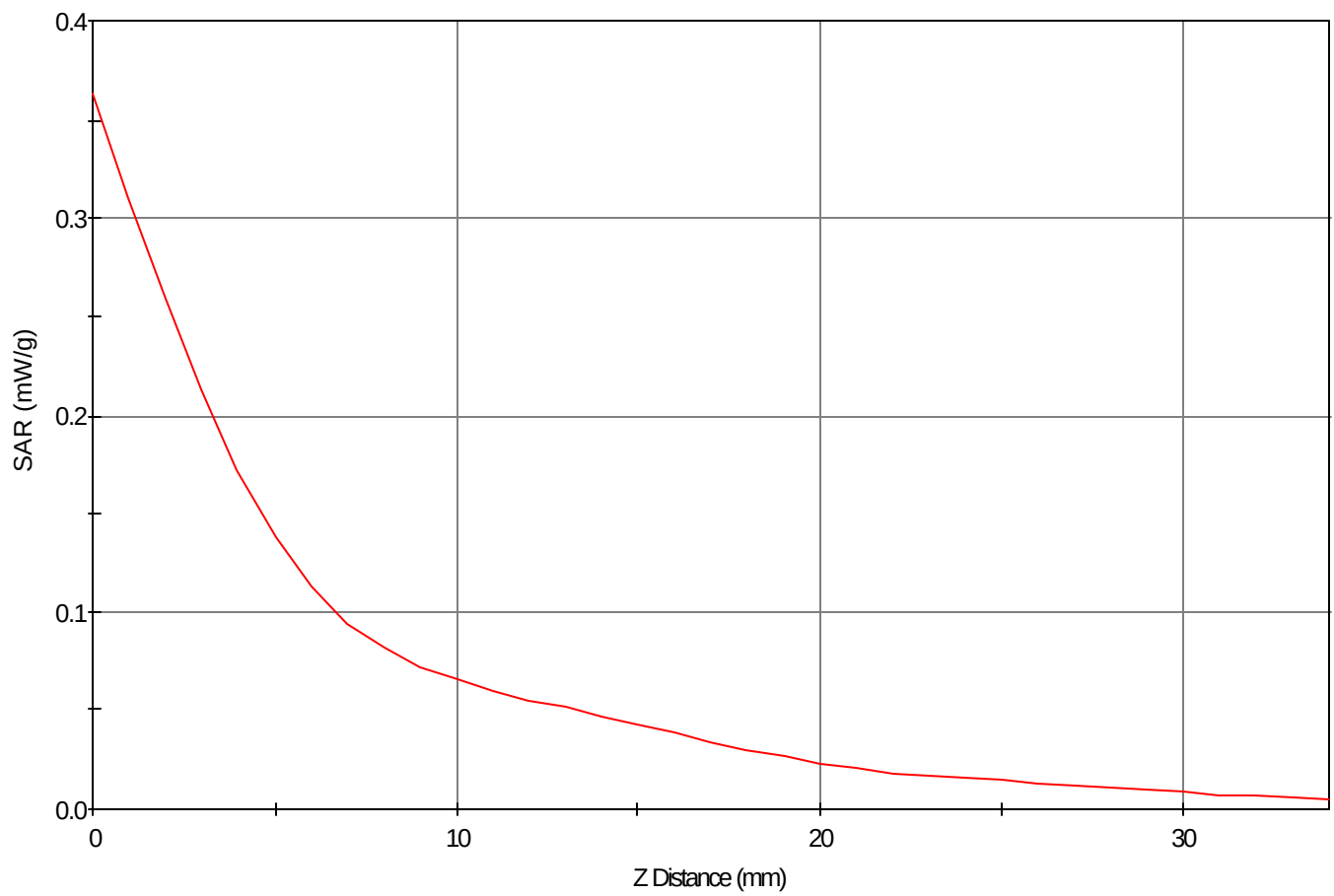
Area Scan - Max Peak SAR Value at x=23.0 y=49.0 = 0.13 W/kg

Zoom Scan - Max Peak SAR Value at x=26.0 y=51.0 z=0.0 = 0.36 W/kg

Max 1g SAR at x=26.0 y=51.0 z=0.0 = 0.17 W/kg

Max 10g SAR at x=25.0 y=51.0 z=0.0 = 0.09 W/kg

SAR - Z Axis
at Hotspot x:26.0 y:51.0



1g SAR Values

