

SAR Data Report 02082914

Start : 29-Aug-02 01:45:41 pm
End : 29-Aug-02 01:51:19 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 824.70 MHz
Transmit Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : SAM RIGHT2
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 40.560
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-1013
Cheek
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

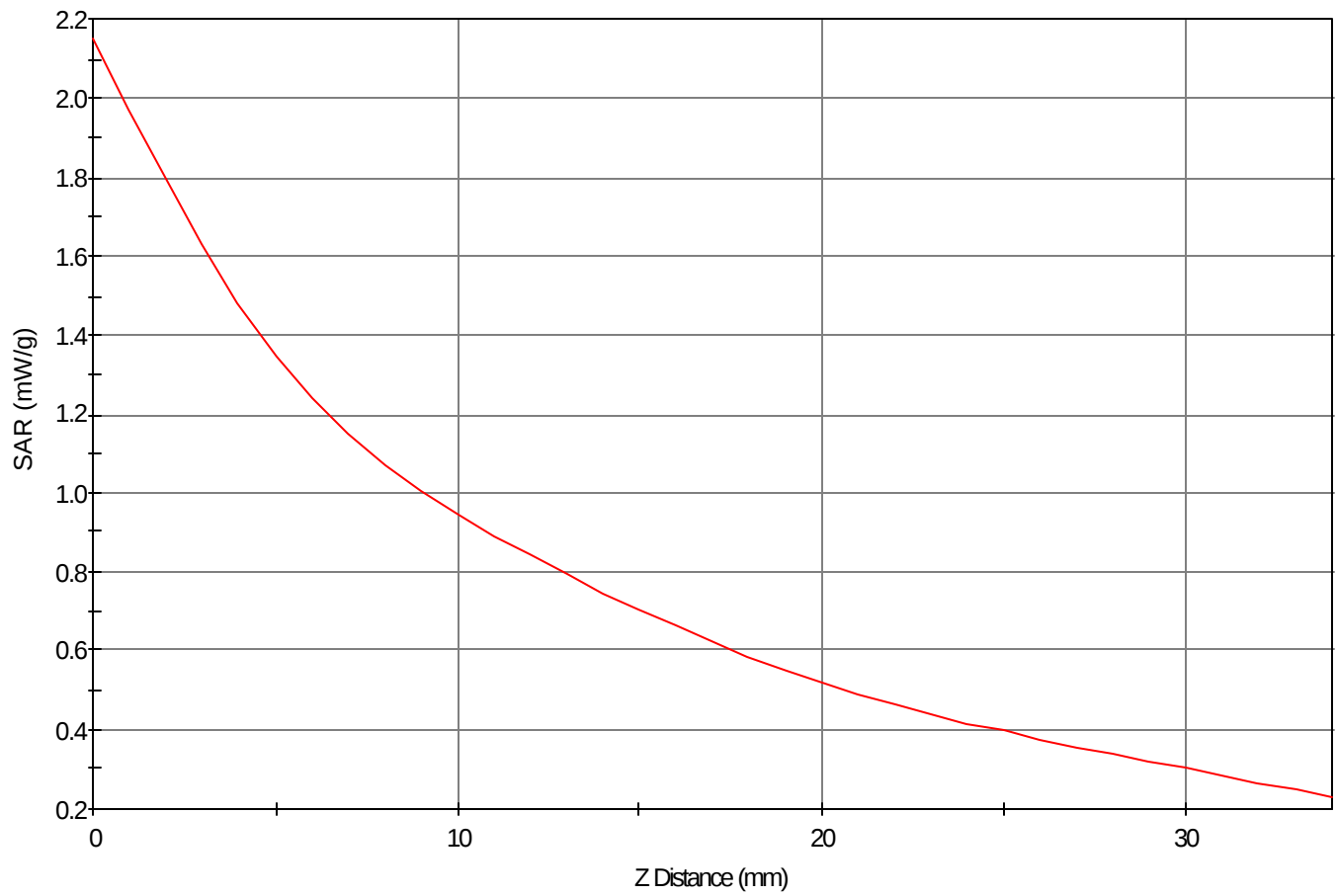
Area Scan - Max Peak SAR Value at x=70.0 y=12.0 = 1.37 W/kg

Zoom Scan - Max Peak SAR Value at x=69.0 y=15.0 z=0.0 = 2.15 W/kg

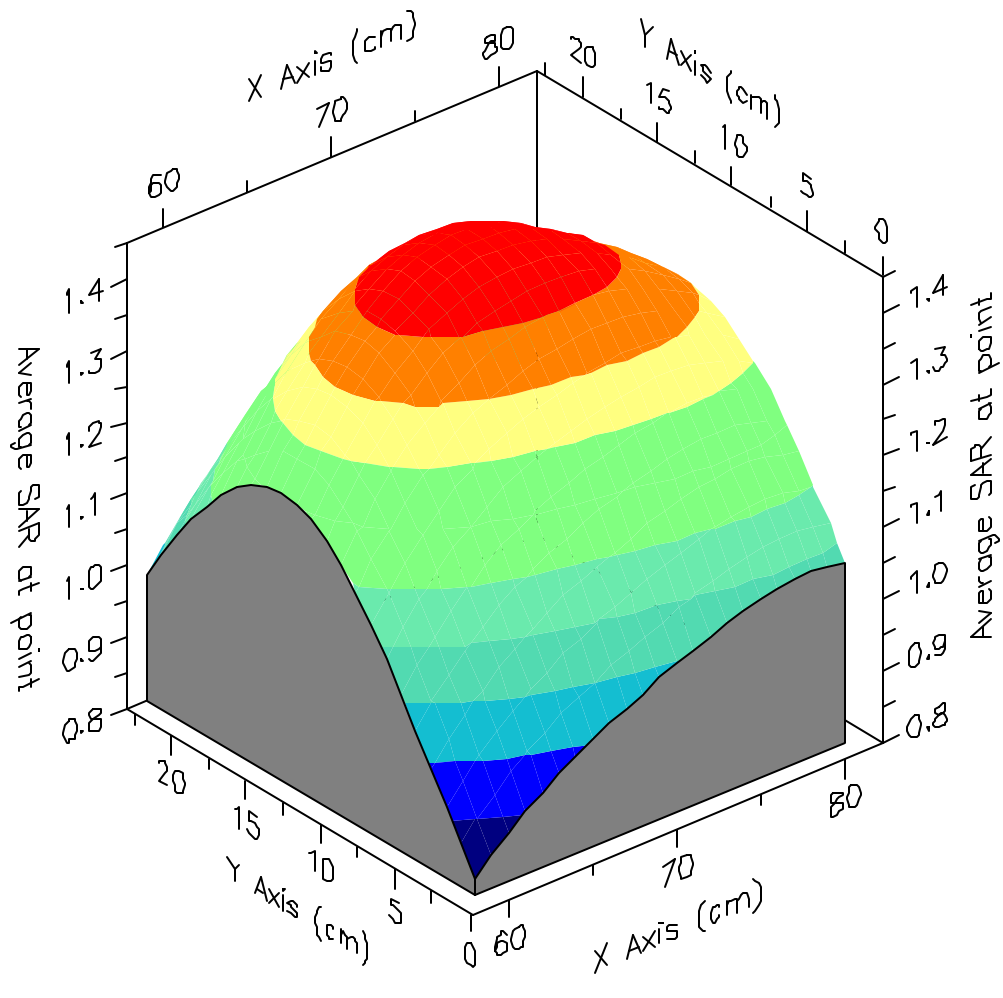
Max 1g SAR at x=71.0 y=14.0 z=0.0 = 1.44 W/kg

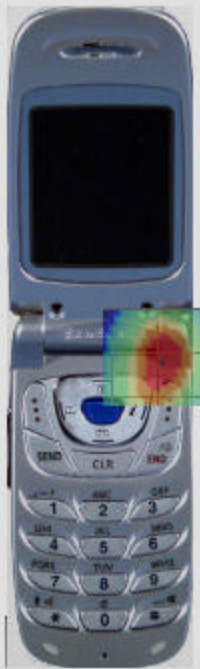
Max 10g SAR at x=73.0 y=13.0 z=0.0 = 0.94 W/kg

SAR - Z Axis
at Hotspot x:69.0 y:15.0



1g SAR Values





SAR Data Report 02082917

Start : 29-Aug-02 02:21:45 pm
End : 29-Aug-02 02:27:27 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 835.89 MHz
Transmit Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : SAM RIGHT2
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 40.560
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-363
Tilt
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

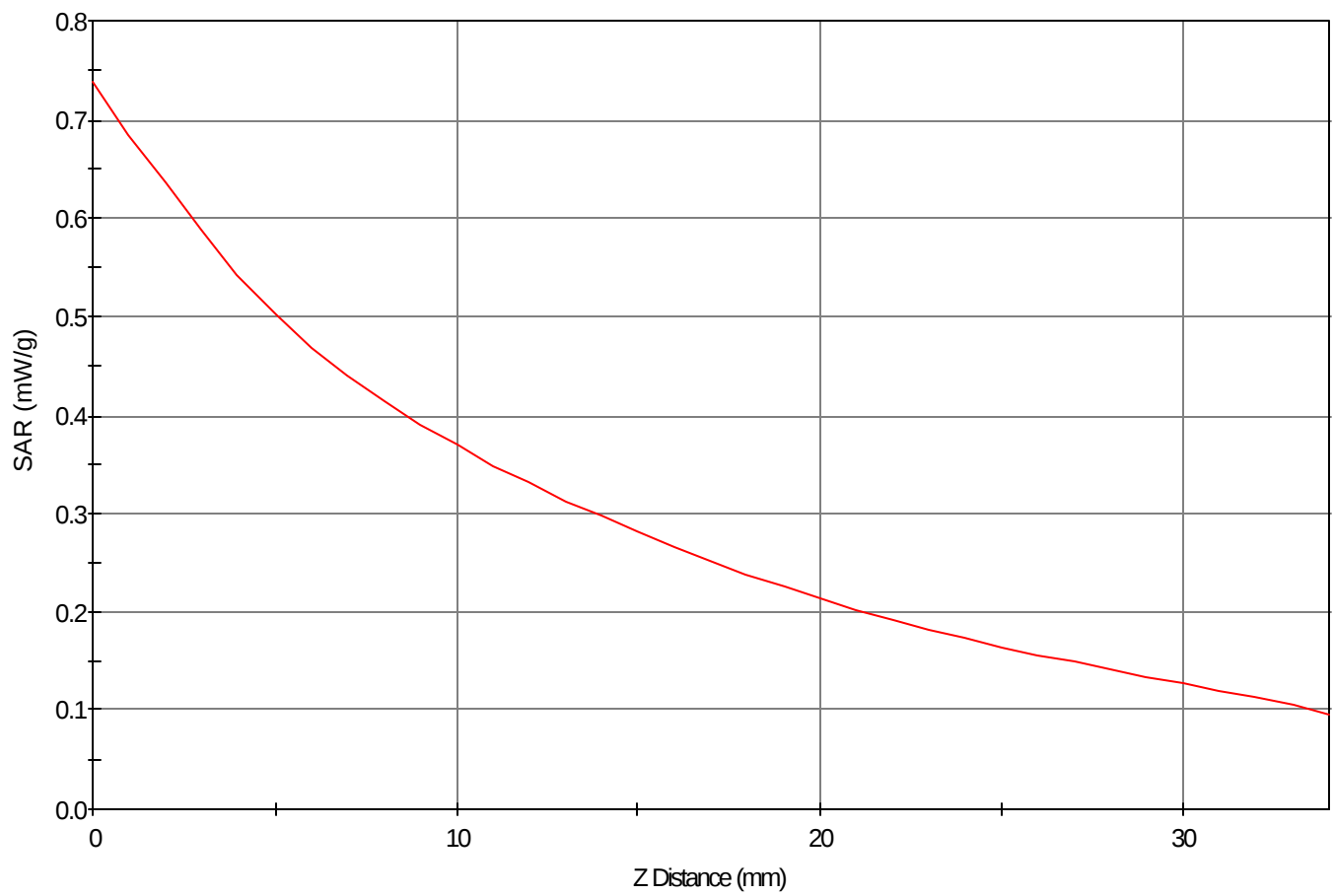
Area Scan - Max Peak SAR Value at x=53.0 y=12.0 = 0.52 W/kg

Zoom Scan - Max Peak SAR Value at x=57.0 y=12.0 z=0.0 = 0.74 W/kg

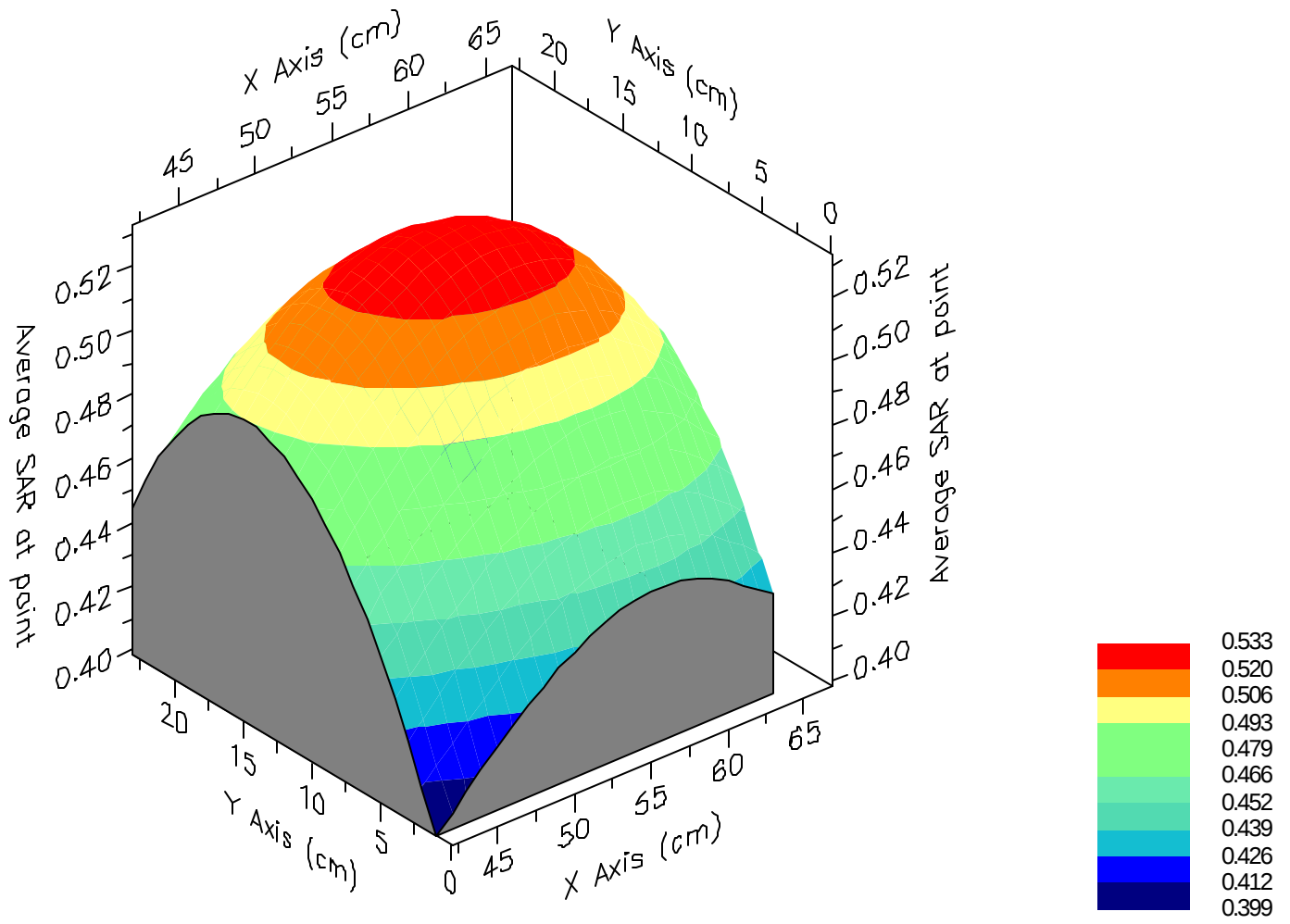
Max 1g SAR at x=54.0 y=13.0 z=0.0 = 0.53 W/kg

Max 10g SAR at x=53.0 y=13.0 z=0.0 = 0.37 W/kg

SAR - Z Axis
at Hotspot x:57.0 y:12.0



1g SAR Values





SAR Data Report 02083032

Start : 30-Aug-02 05:23:08 pm
End : 30-Aug-02 05:34:47 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 835.89 MHz
Transmit Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : SAM LEFT2
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 40.560
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-363
Cheek
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

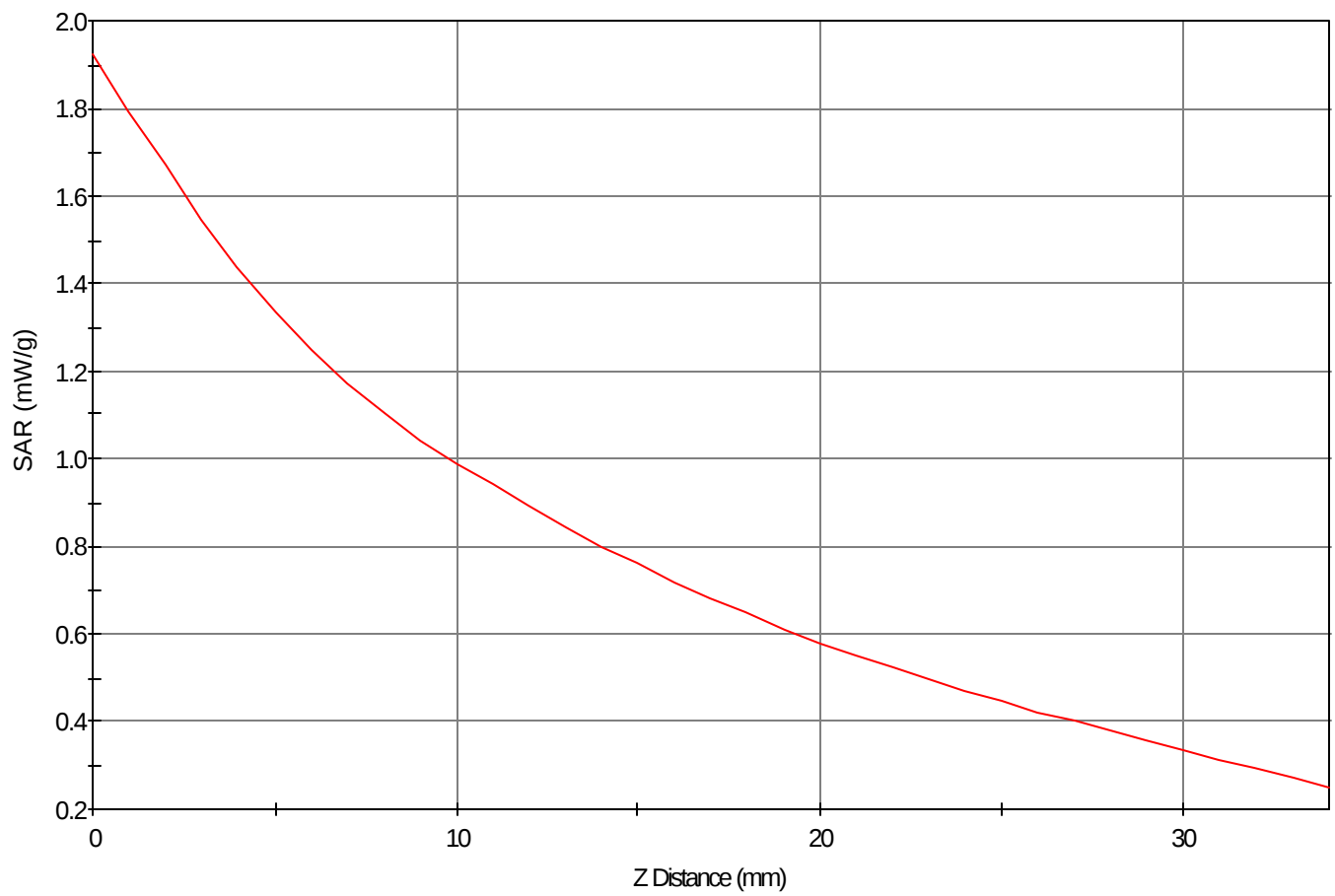
Area Scan - Max Peak SAR Value at x=74.0 y=6.0 = 1.35 W/kg

Zoom Scan - Max Peak SAR Value at x=78.0 y=6.0 z=0.0 = 1.92 W/kg

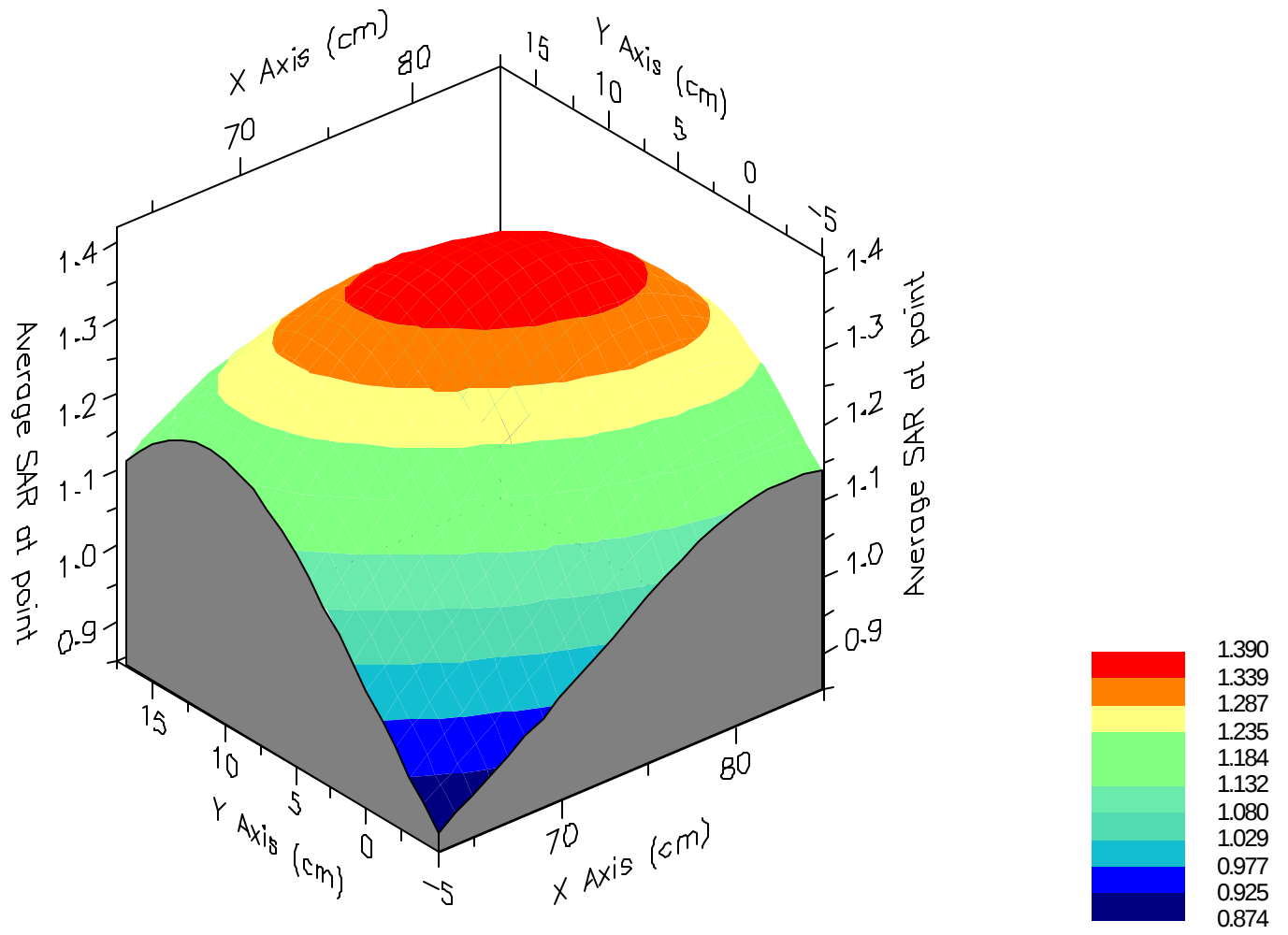
Max 1g SAR at x=76.0 y=7.0 z=0.0 = 1.39 W/kg

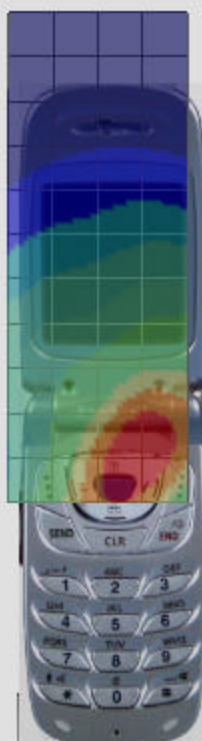
Max 10g SAR at x=75.0 y=6.0 z=0.0 = 0.95 W/kg

SAR - Z Axis
at Hotspot x:78.0 y:6.0



1g SAR Values





SAR Data Report 02083031

Start : 30-Aug-02 05:16:01 pm
End : 30-Aug-02 05:21:44 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 835.89 MHz
Transmit Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : SAM LEFT2
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 40.560
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-363
Tilt
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

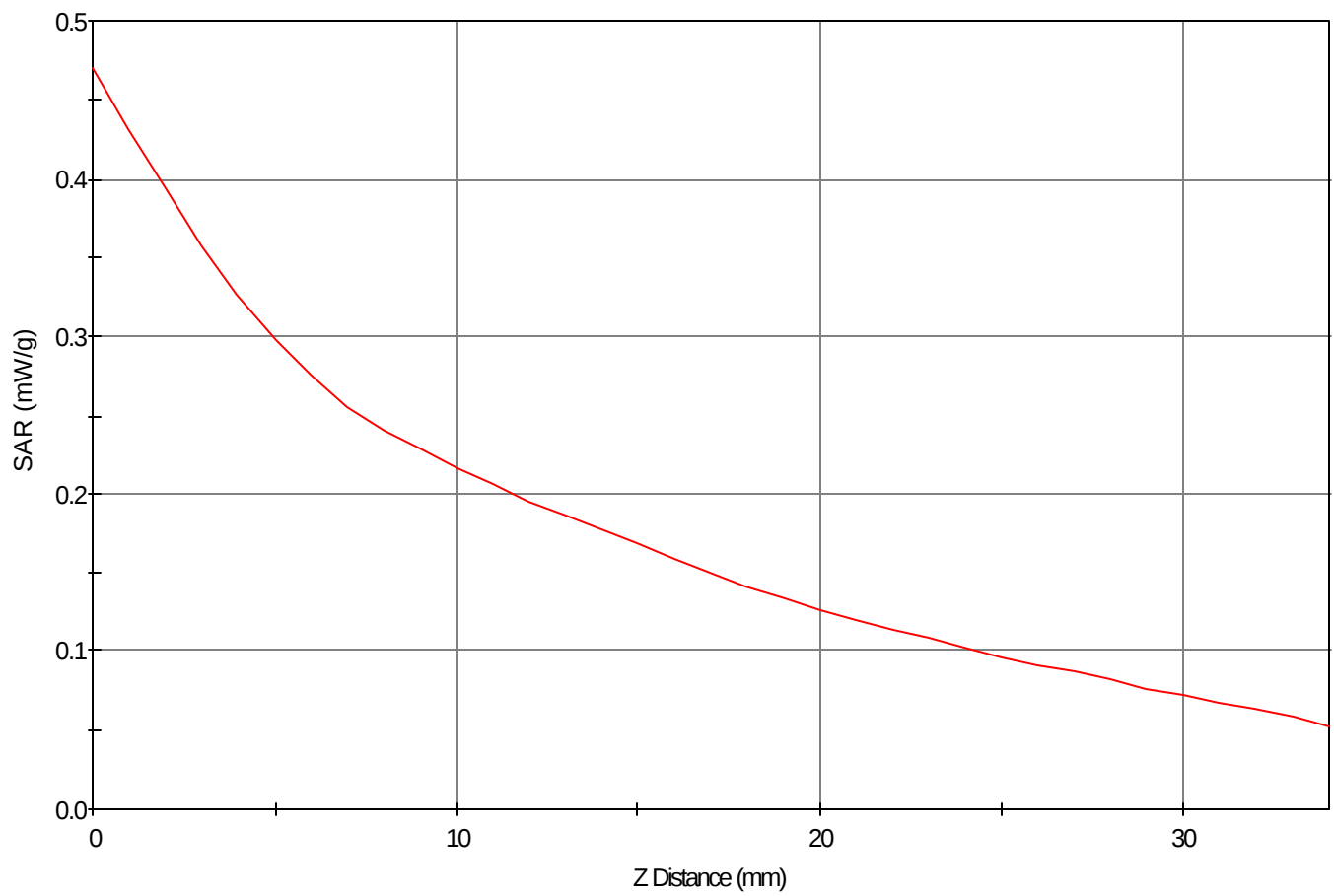
Area Scan - Max Peak SAR Value at x=32.0 y=10.0 = 0.30 W/kg

Zoom Scan - Max Peak SAR Value at x=29.0 y=13.0 z=0.0 = 0.47 W/kg

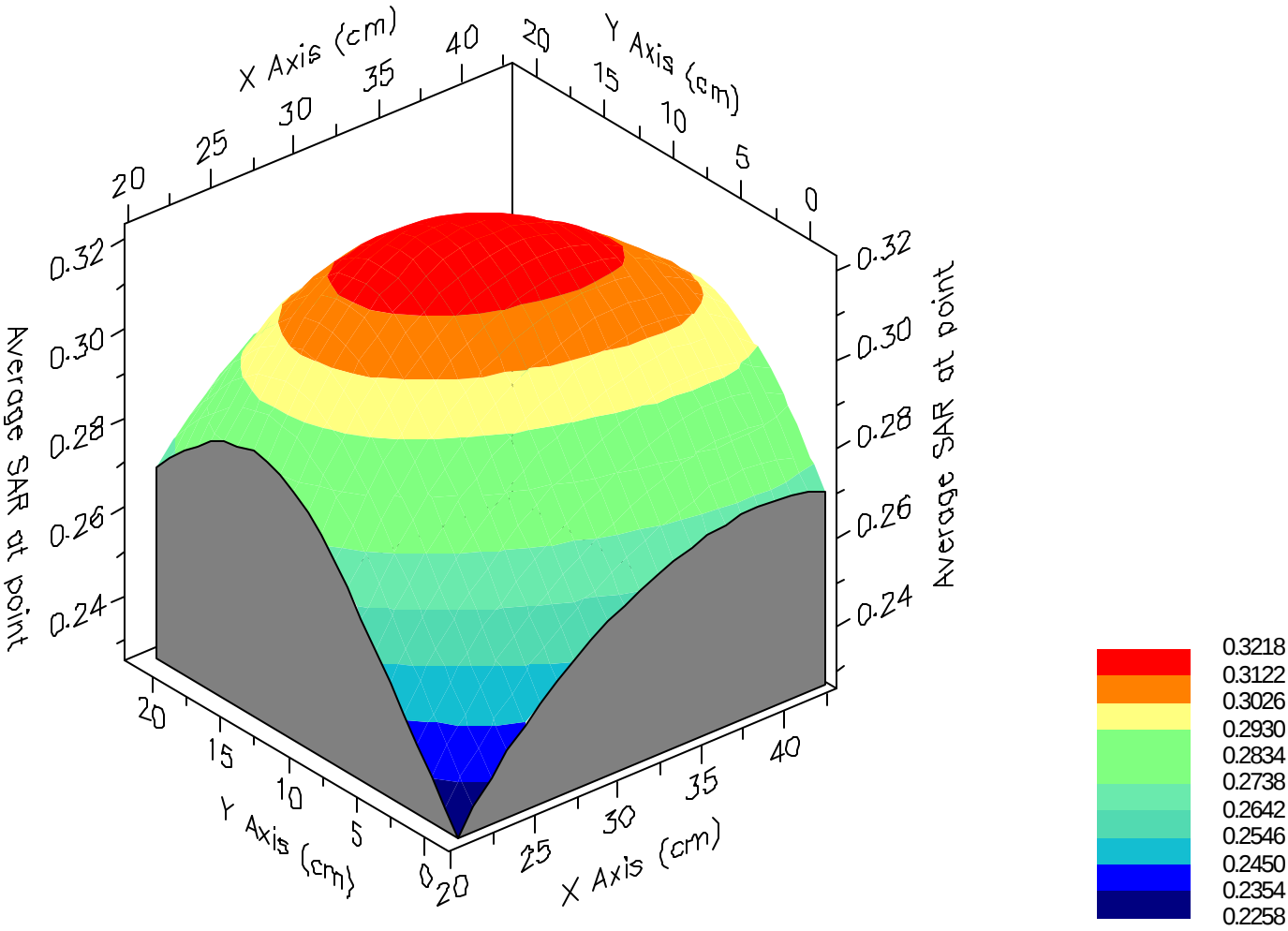
Max 1g SAR at x=32.0 y=12.0 z=0.0 = 0.32 W/kg

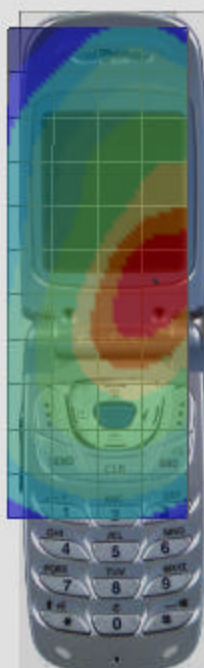
Max 10g SAR at x=32.0 y=11.0 z=0.0 = 0.22 W/kg

SAR - Z Axis
at Hotspot x:29.0 y:13.0



1g SAR Values





SAR Data Report 02082921

Start : 29-Aug-02 05:02:33 pm
End : 29-Aug-02 05:08:23 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 1880.00 MHz
Transmit Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : In

Measurement Data:

Phantom Name : SAM RIGHT2
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 41.110
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-600
Cheek
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

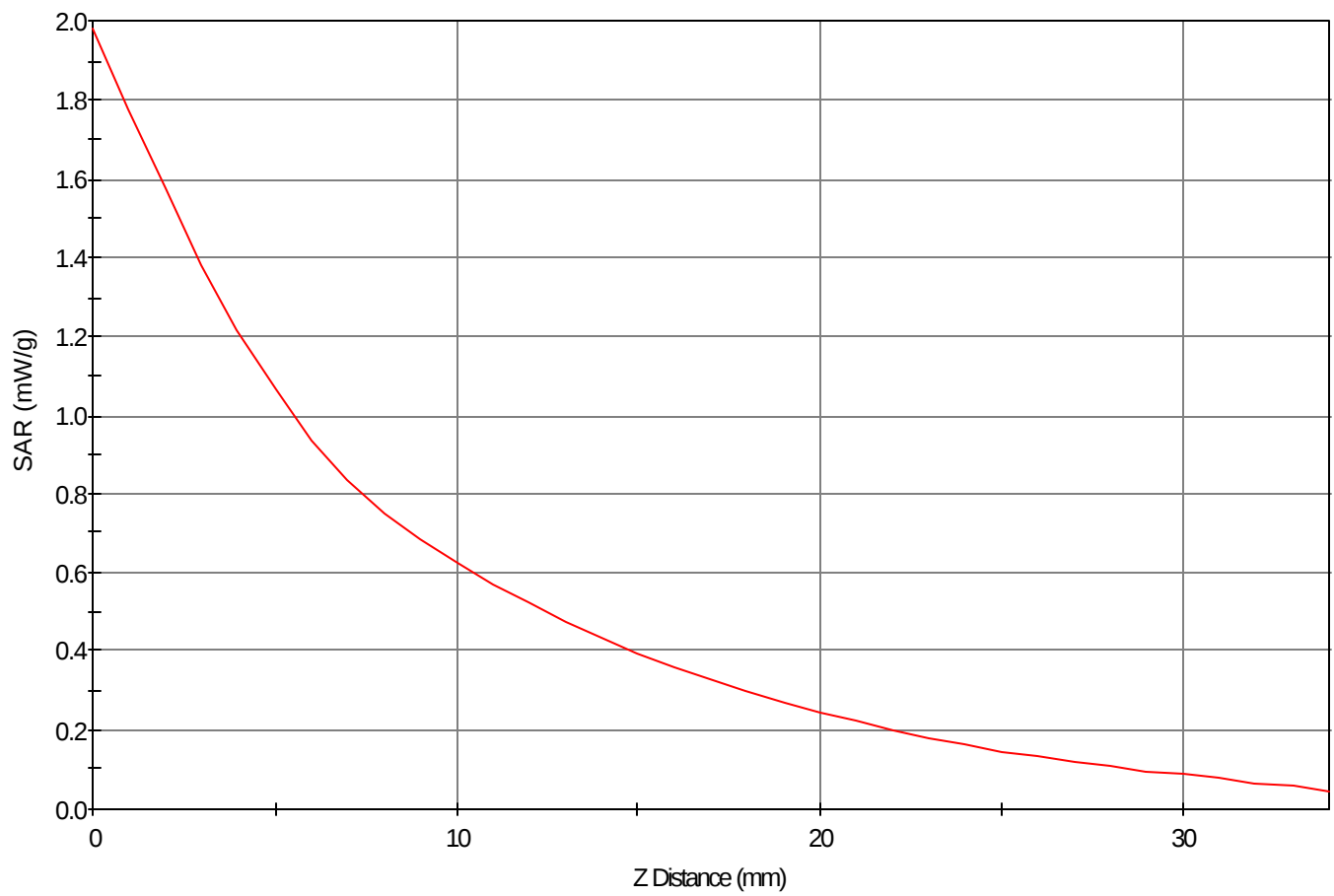
Area Scan - Max Peak SAR Value at x=64.0 y=8.0 = 1.07 W/kg

Zoom Scan - Max Peak SAR Value at x=64.0 y=7.0 z=0.0 = 1.98 W/kg

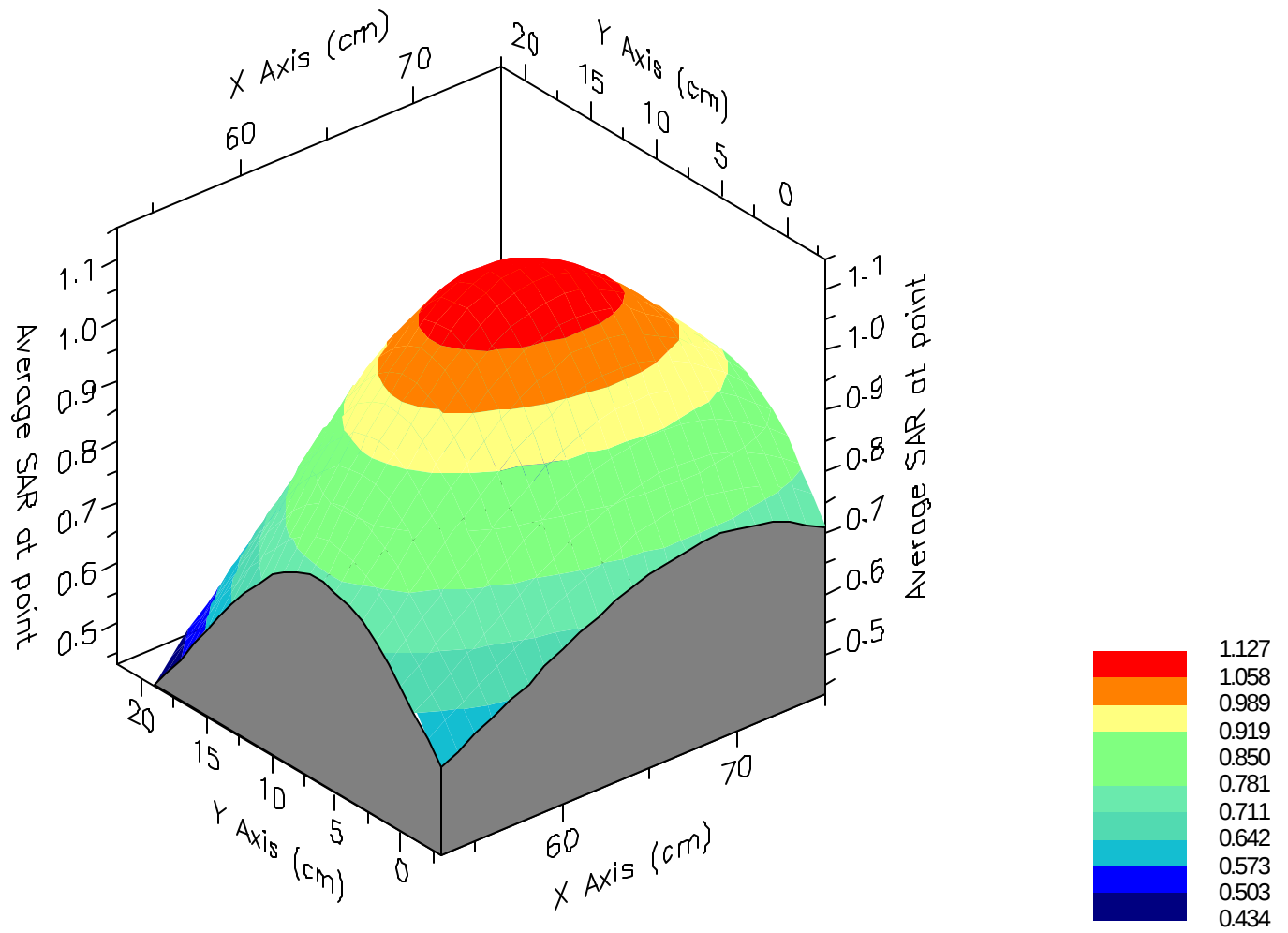
Max 1g SAR at x=65.0 y=7.0 z=0.0 = 1.13 W/kg

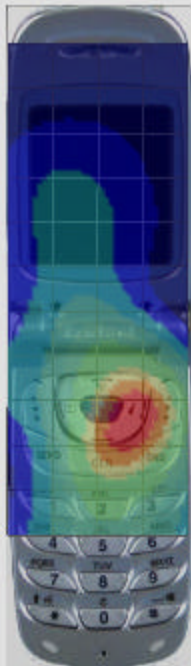
Max 10g SAR at x=66.0 y=7.0 z=0.0 = 0.59 W/kg

SAR - Z Axis
at Hotspot x:64.0 y:7.0



1g SAR Values





SAR Data Report 02083006

Start : 30-Aug-02 11:14:18 am
End : 30-Aug-02 11:20:01 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 1880.00 MHz
Transmit Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : In

Measurement Data:

Phantom Name : SAM RIGHT2
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 41.110
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-600
Tilt
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

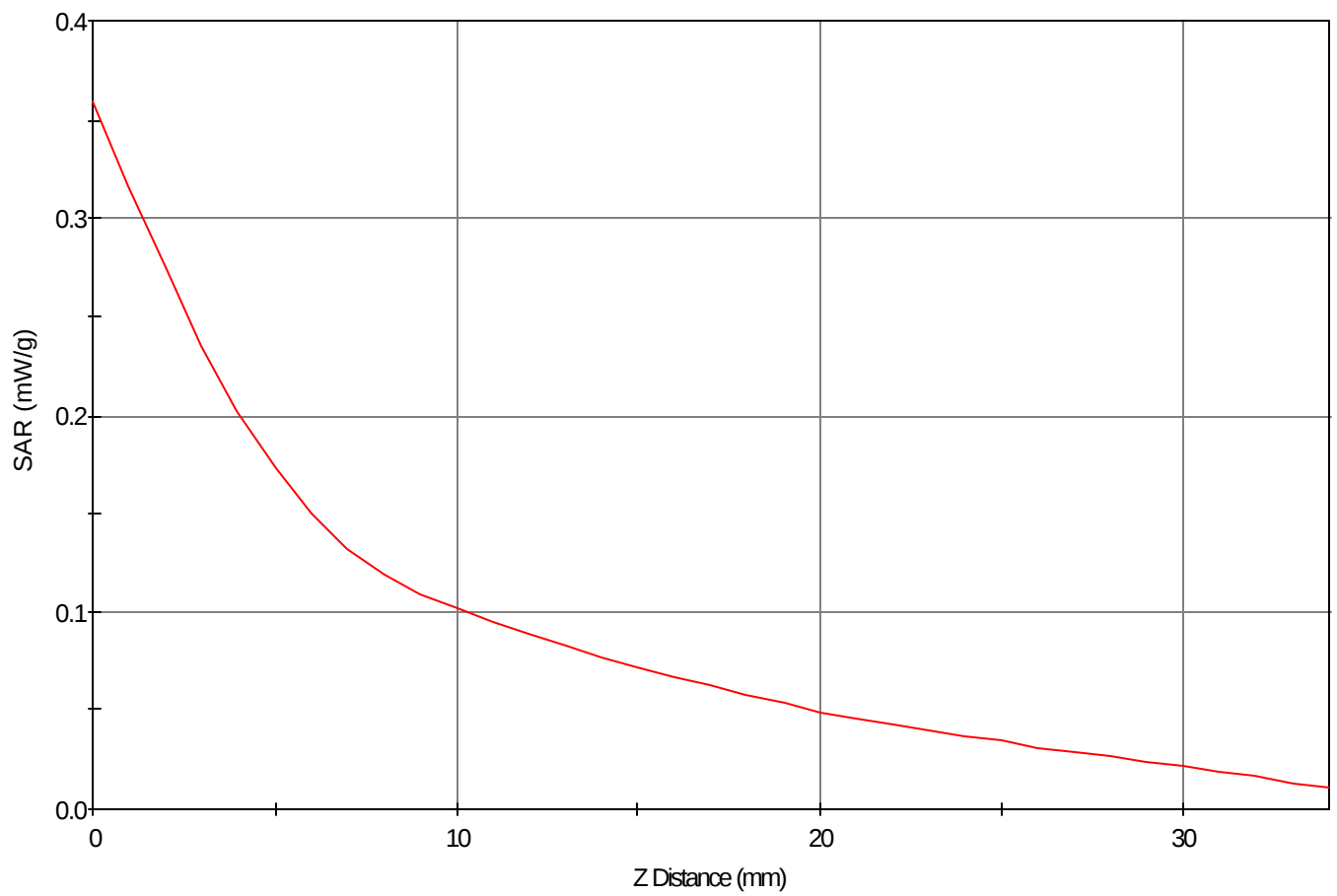
Area Scan - Max Peak SAR Value at x=-5.0 y=-3.0 = 0.22 W/kg

Zoom Scan - Max Peak SAR Value at x=2.0 y=-4.0 z=0.0 = 0.36 W/kg

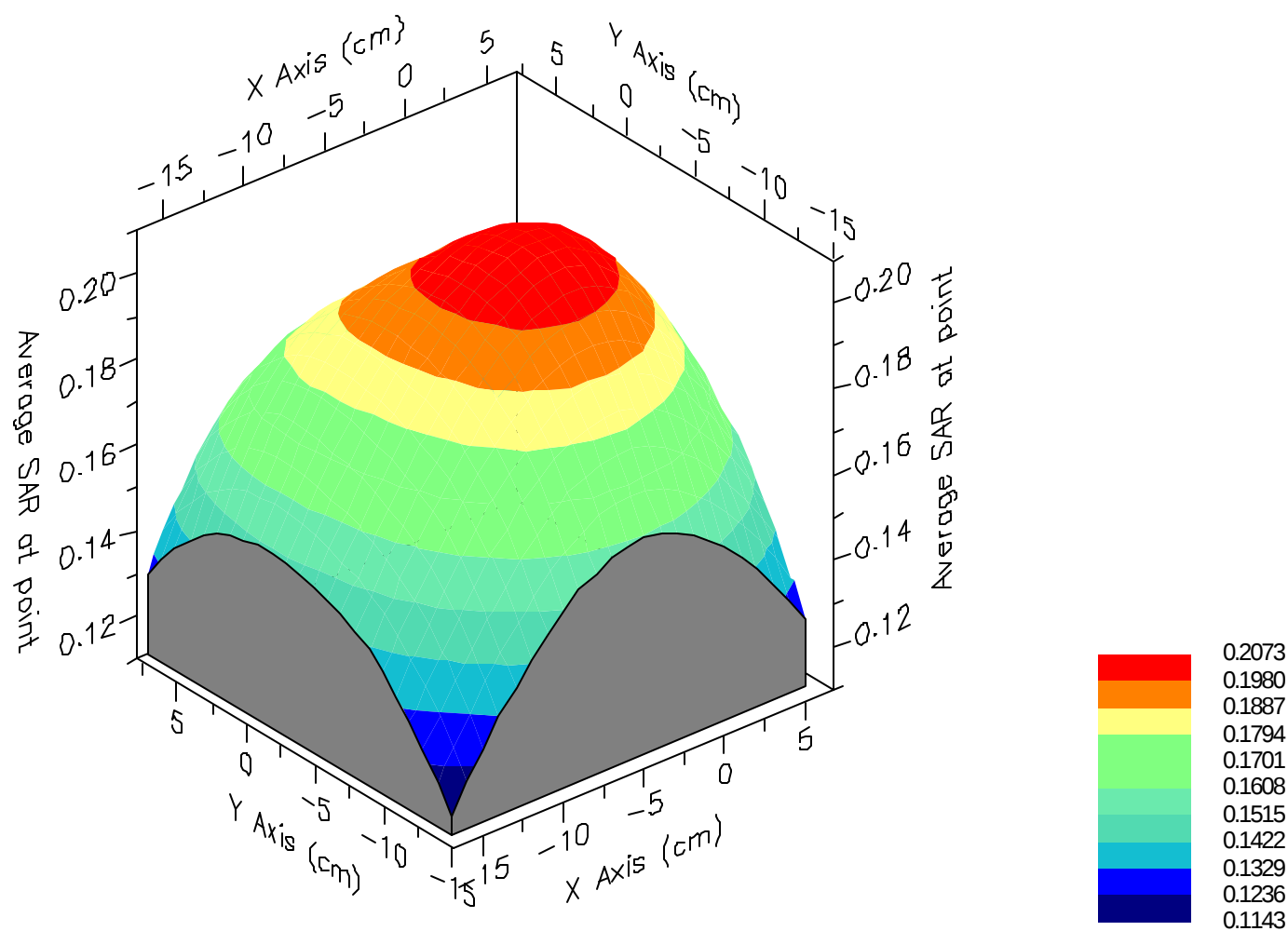
Max 1g SAR at x=-2.0 y=-4.0 z=0.0 = 0.21 W/kg

Max 10g SAR at x=-4.0 y=-3.0 z=0.0 = 0.12 W/kg

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



1g SAR Values





SAR Data Report 02083017

Start : 30-Aug-02 01:07:42 pm
End : 30-Aug-02 01:13:32 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 1880.00 MHz
Transmit Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : In

Measurement Data:

Phantom Name : SAM LEFT2
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 41.110
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-600
Cheek
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

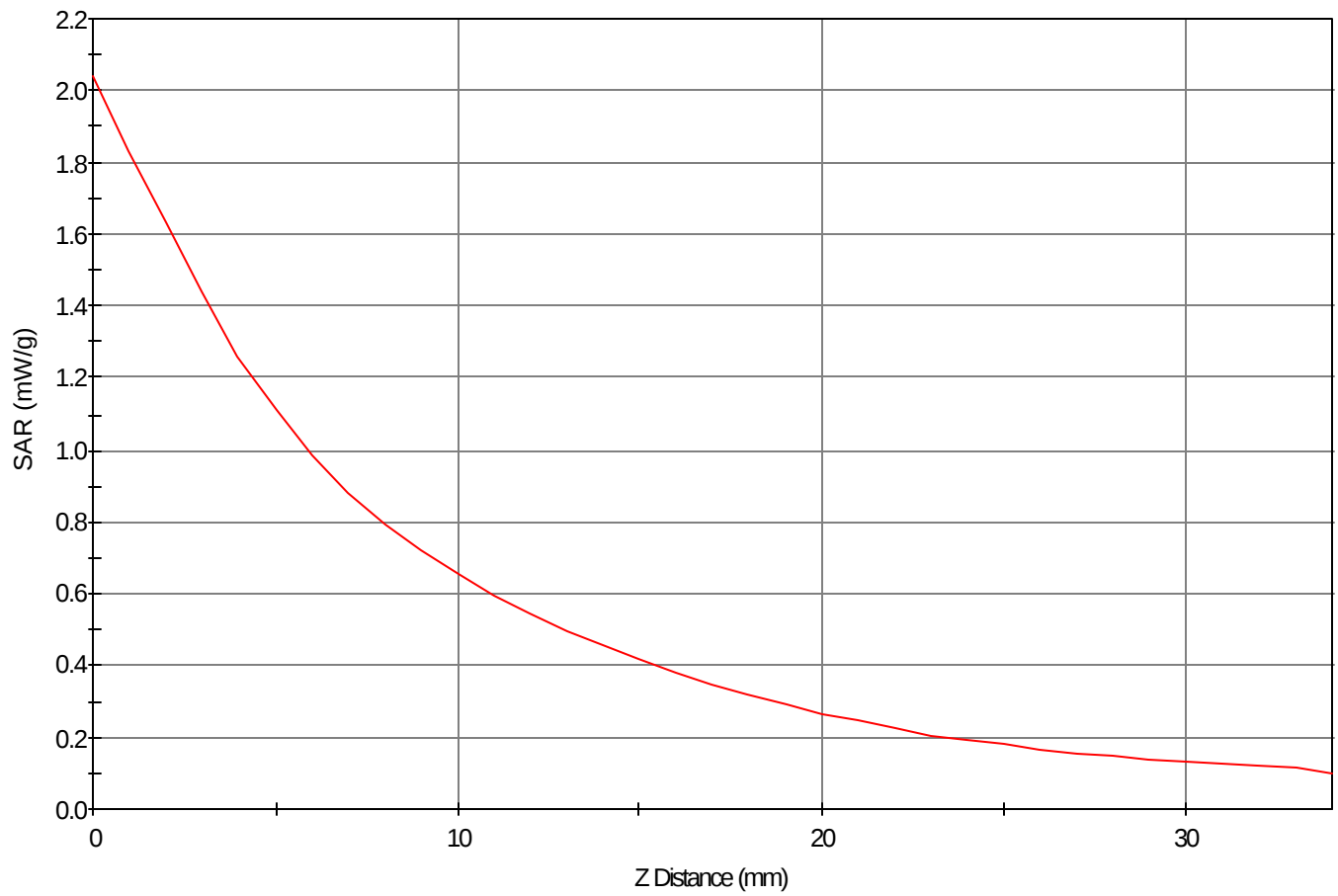
Area Scan - Max Peak SAR Value at x=71.0 y=0.0 = 1.09 W/kg

Zoom Scan - Max Peak SAR Value at x=69.0 y=1.0 z=0.0 = 2.04 W/kg

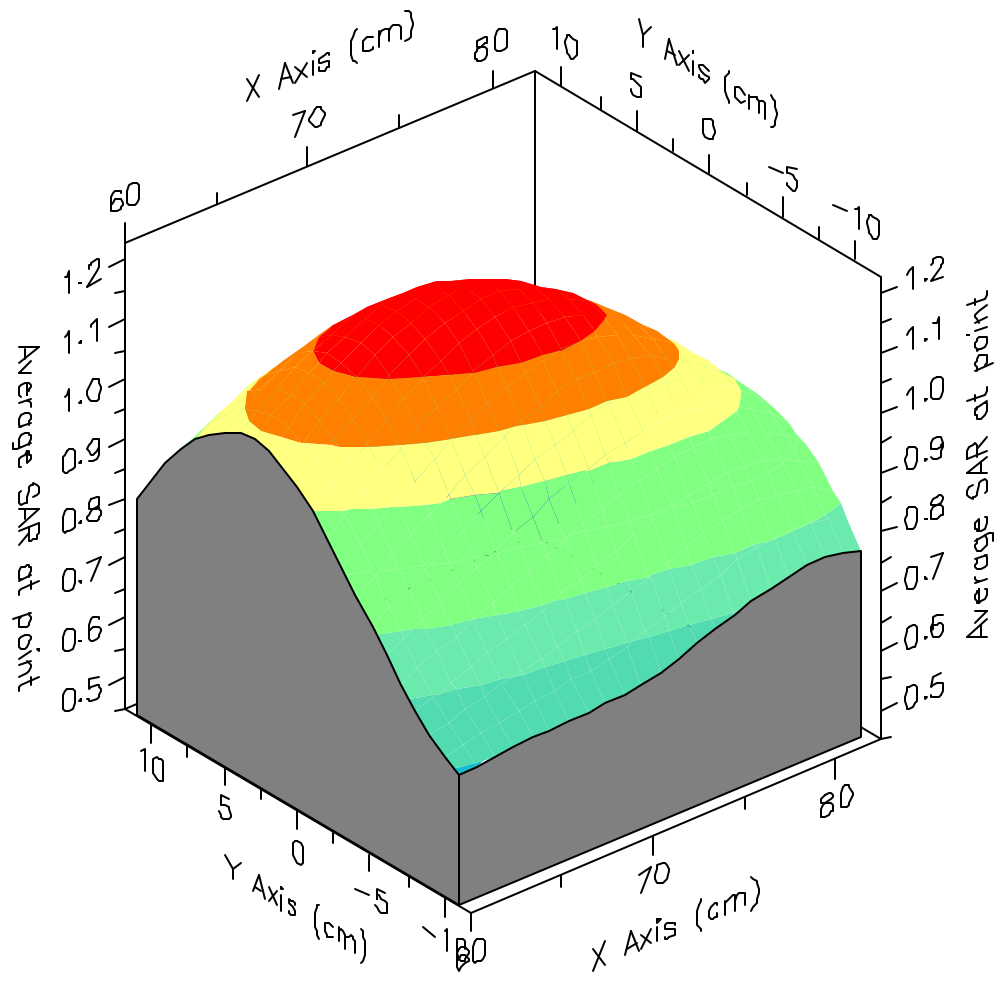
Max 1g SAR at x=70.0 y=1.0 z=0.0 = 1.10 W/kg

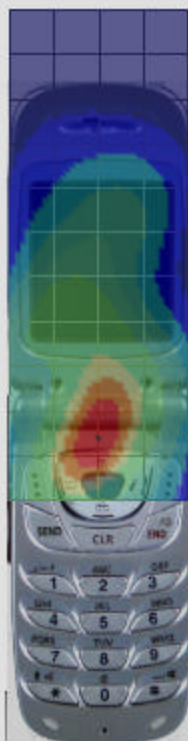
Max 10g SAR at x=71.0 y=0.0 z=0.0 = 0.64 W/kg

SAR - Z Axis
at Hotspot x:69.0 y:1.0



1g SAR Values





SAR Data Report 02083019

Start : 30-Aug-02 01:26:42 pm
End : 30-Aug-02 01:32:43 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 1880.00 MHz
Transmit Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : In

Measurement Data:

Phantom Name : SAM LEFT2
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 41.110
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-600
Tilt
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

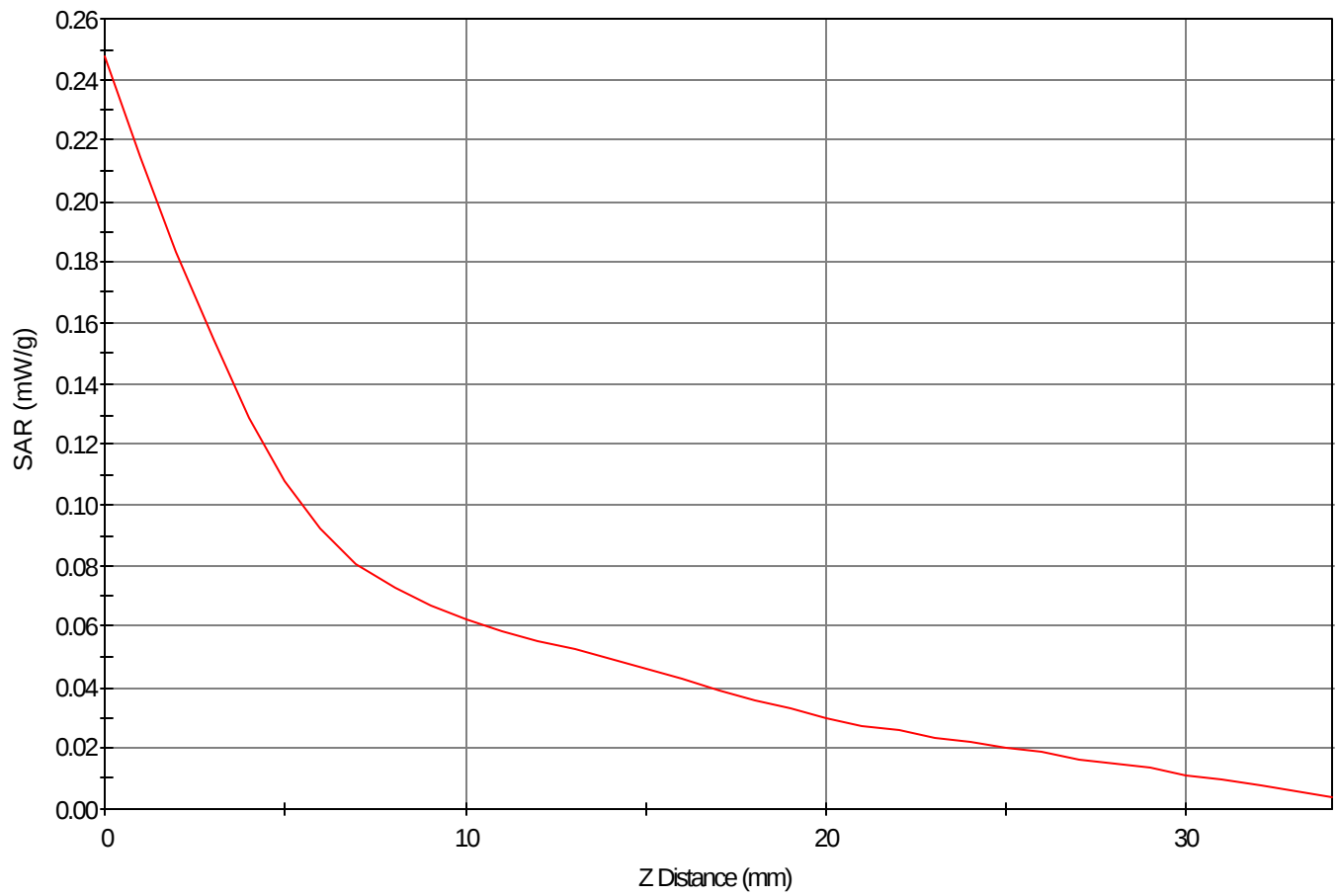
Area Scan - Max Peak SAR Value at x=-9.0 y=7.0 = 0.11 W/kg

Zoom Scan - Max Peak SAR Value at x=-4.0 y=7.0 z=0.0 = 0.25 W/kg

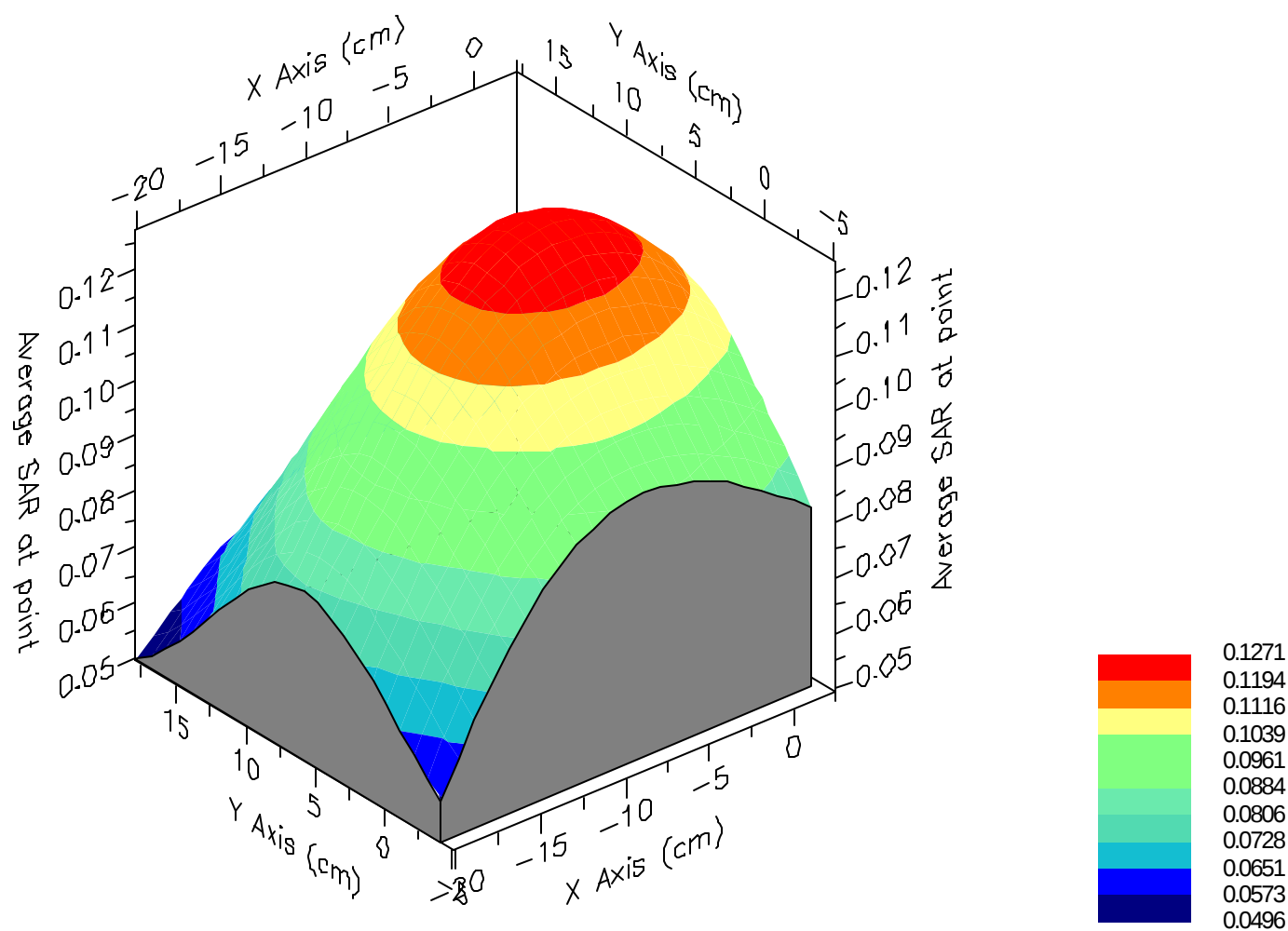
Max 1g SAR at x=-5.0 y=7.0 z=0.0 = 0.13 W/kg

Max 10g SAR at x=-6.0 y=5.0 z=0.0 = 0.07 W/kg

SAR - Z Axis
at Hotspot x:-4.0 y:7.0



1g SAR Values





SAR Data Report 02090307

Start : 3-Sep-02 02:15:10 pm
End : 3-Sep-02 02:21:30 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 835.89 MHz
Transmit Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : In

Measurement Data:

Phantom Name : SAM FLAT2
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 54.960
Tissue Conductivity : 1.000
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-363
Body
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

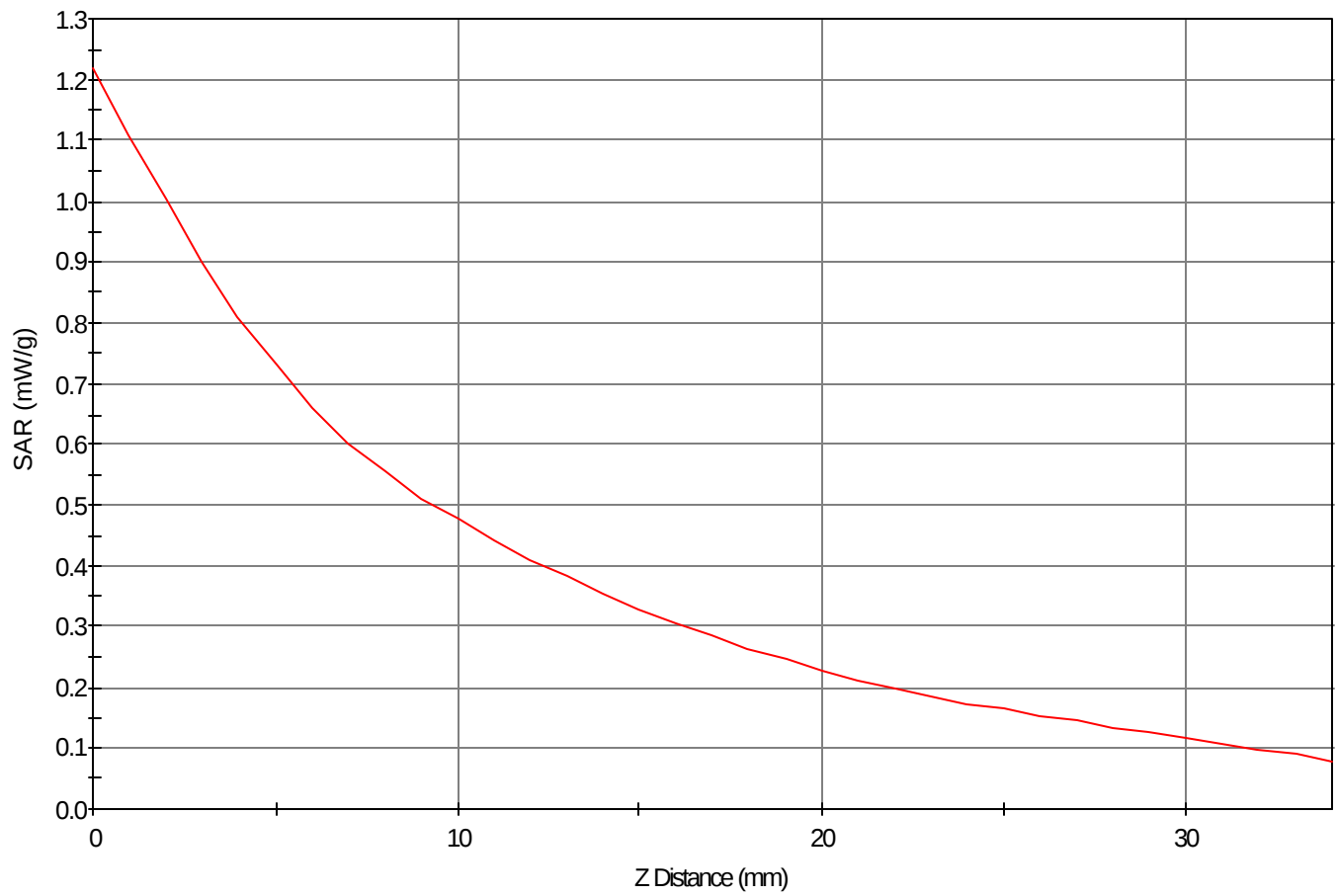
Area Scan - Max Peak SAR Value at x=2.0 y=-10.0 = 0.75 W/kg

Zoom Scan - Max Peak SAR Value at x=2.0 y=-11.0 z=0.0 = 1.22 W/kg

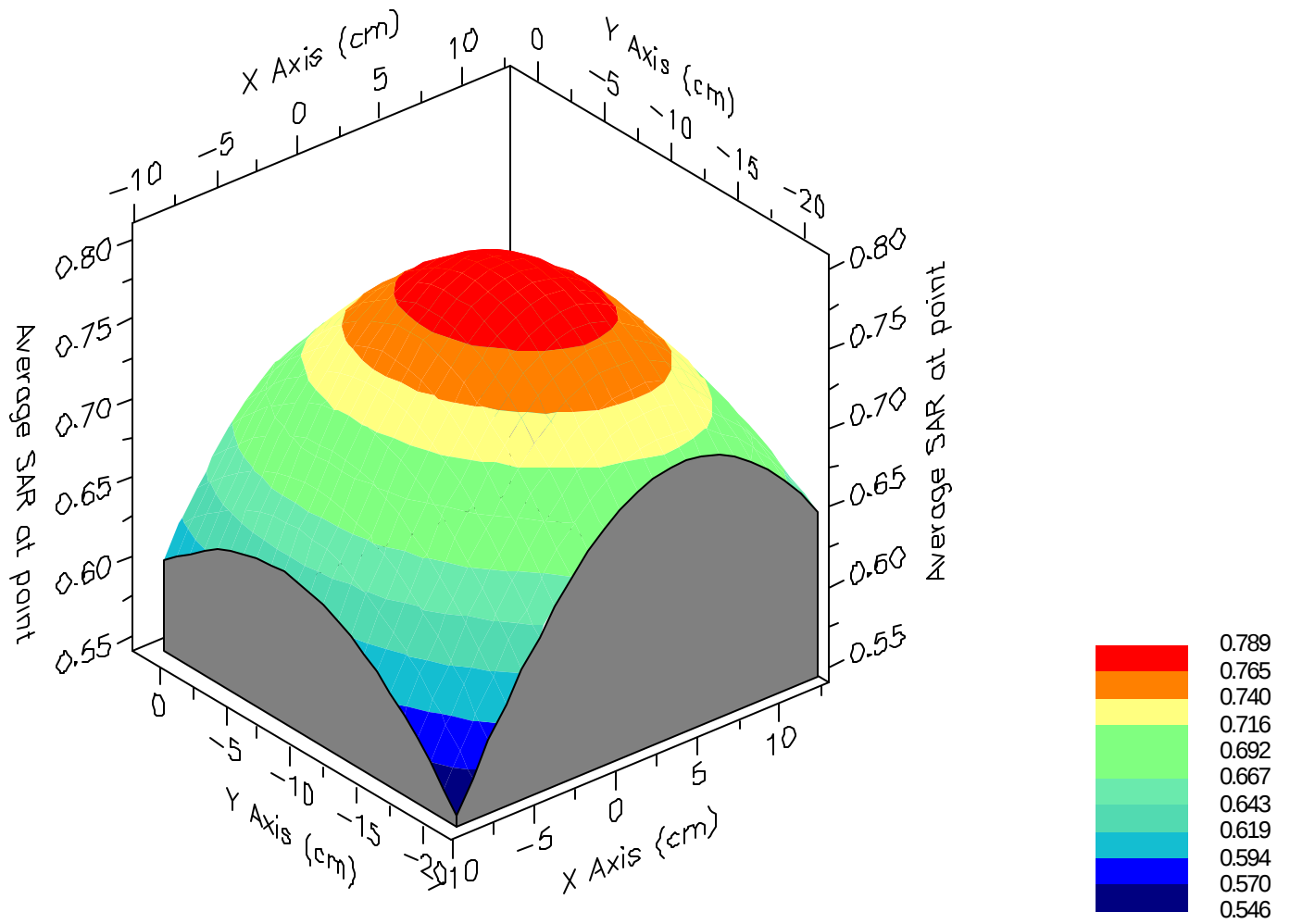
Max 1g SAR at x=3.0 y=-10.0 z=0.0 = 0.79 W/kg

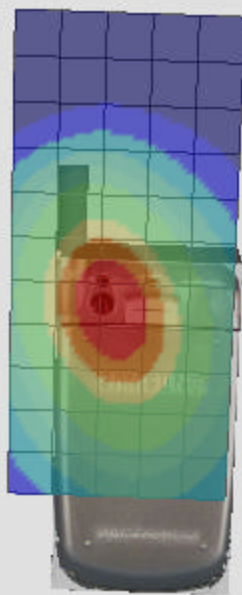
Max 10g SAR at x=3.0 y=-11.0 z=0.0 = 0.50 W/kg

SAR - Z Axis
at Hotspot x:2.0 y:-11.0



1g SAR Values





SAR Data Report 02090308

Start : 3-Sep-02 02:22:59 pm
End : 3-Sep-02 02:29:14 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 835.89 MHz
Transmit Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : SAM FLAT2
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 54.960
Tissue Conductivity : 1.000
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-363
Body
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

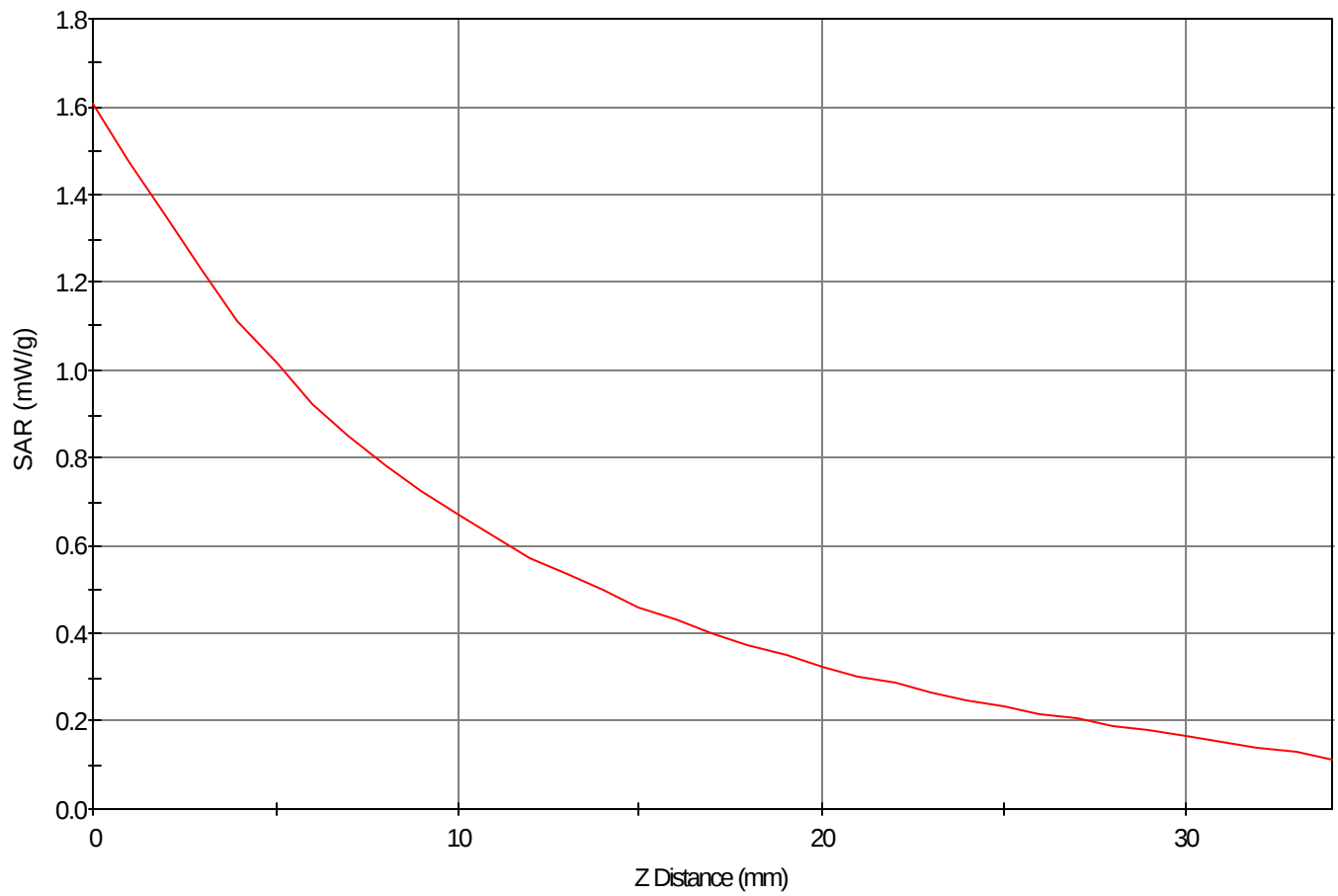
Area Scan - Max Peak SAR Value at x=2.0 y=-8.0 = 1.03 W/kg

Zoom Scan - Max Peak SAR Value at x=2.0 y=-7.0 z=0.0 = 1.61 W/kg

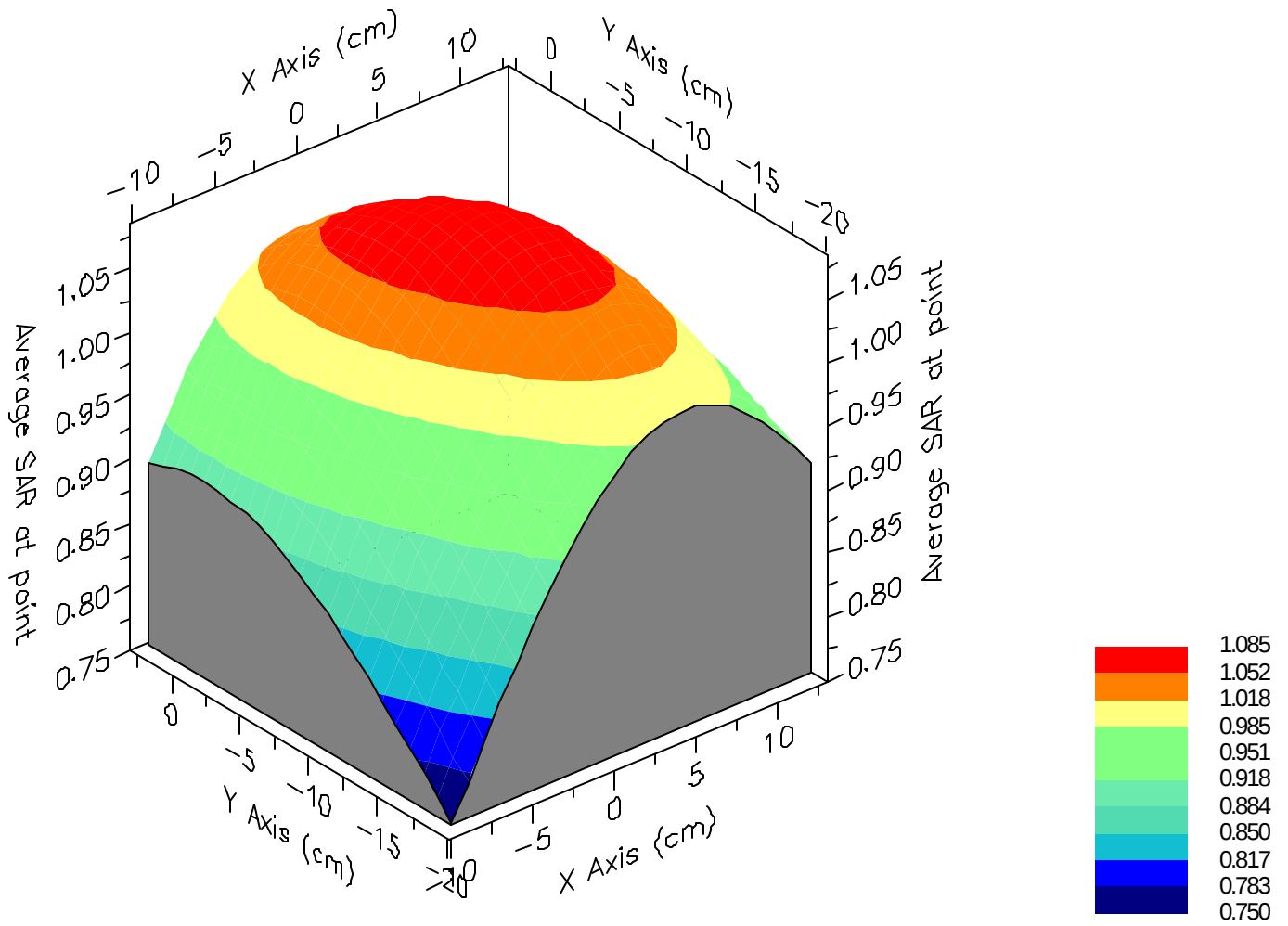
Max 1g SAR at x=3.0 y=-7.0 z=0.0 = 1.09 W/kg

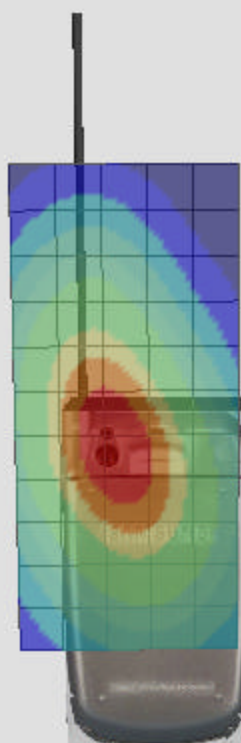
Max 10g SAR at x=3.0 y=-7.0 z=0.0 = 0.70 W/kg

SAR - Z Axis
at Hotspot x:2.0 y:-7.0



1g SAR Values





SAR Data Report 02090314

Start : 3-Sep-02 03:51:05 pm
End : 3-Sep-02 03:57:22 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 1851.25 MHz
Transmit Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : In

Measurement Data:

Phantom Name : SAM FLAT2
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 54.000
Tissue Conductivity : 1.530
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-25
Body
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

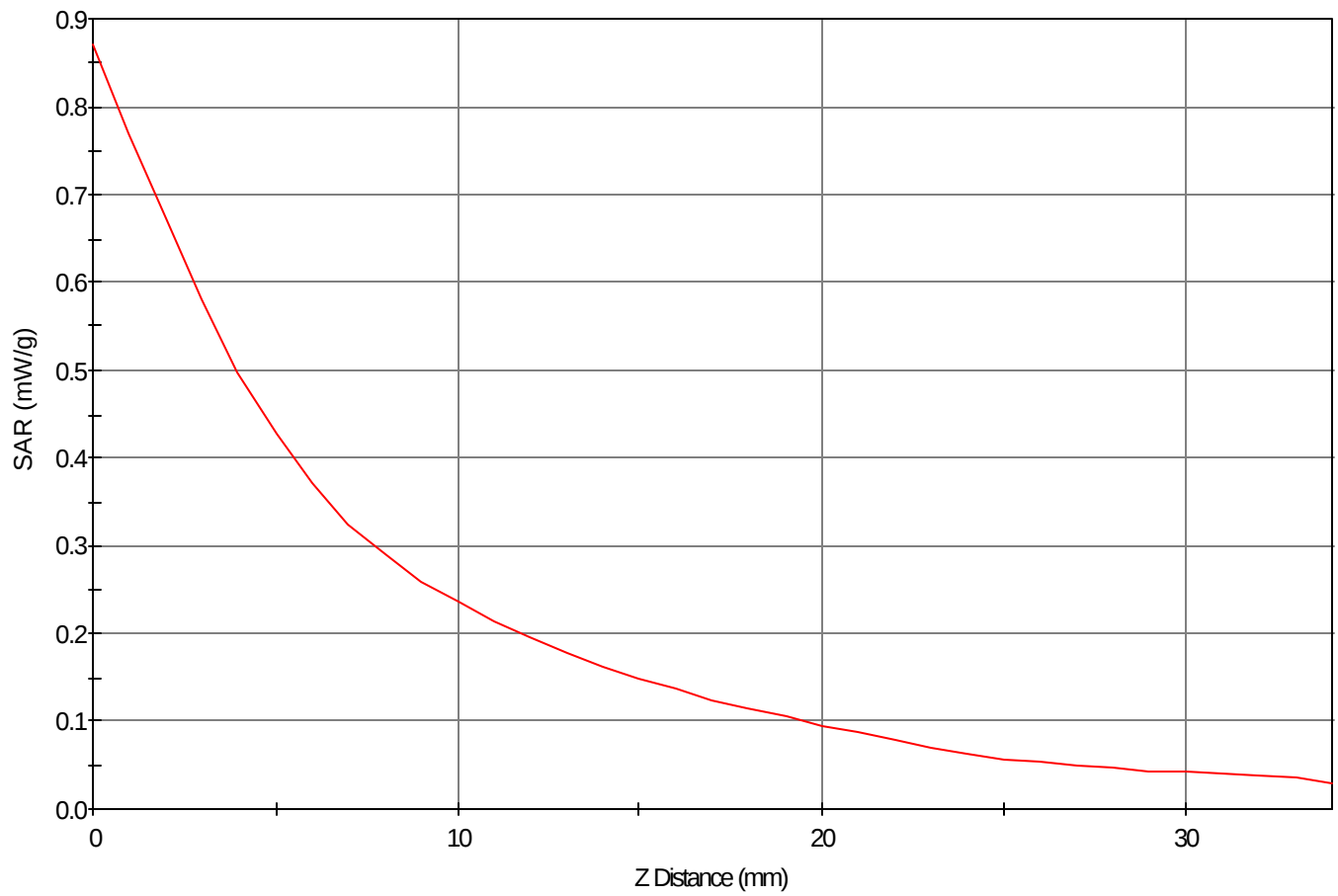
Area Scan - Max Peak SAR Value at x=1.0 y=-2.0 = 0.46 W/kg

Zoom Scan - Max Peak SAR Value at x=-3.0 y=-2.0 z=0.0 = 0.87 W/kg

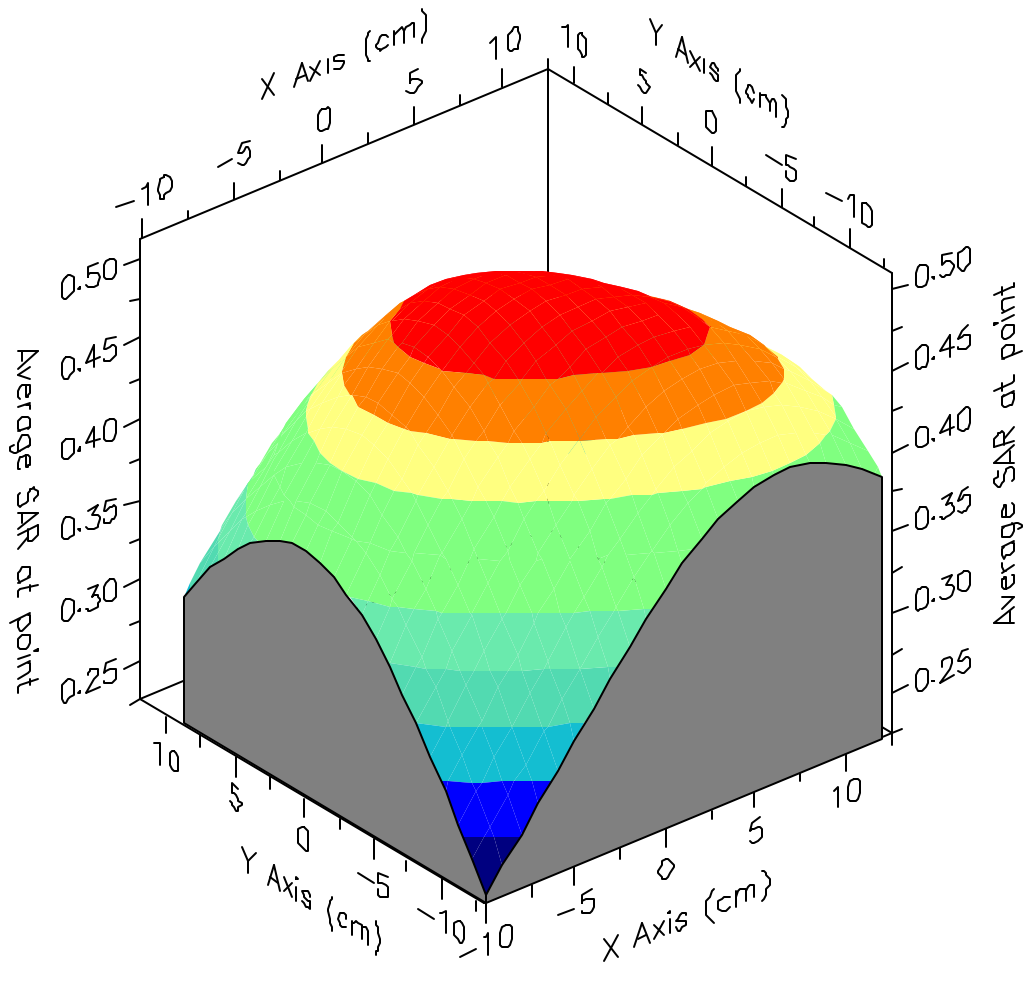
Max 1g SAR at x=1.0 y=-1.0 z=0.0 = 0.50 W/kg

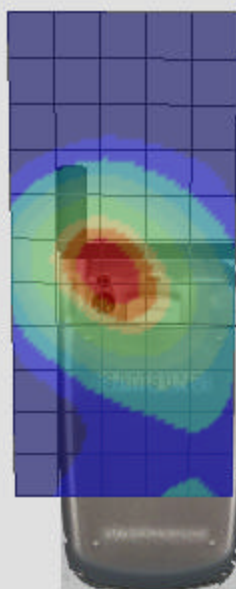
Max 10g SAR at x=3.0 y=-2.0 z=0.0 = 0.28 W/kg

SAR - Z Axis
at Hotspot x:-3.0 y:-2.0



1g SAR Values





SAR Data Report 02090313

Start : 3-Sep-02 03:33:09 pm
End : 3-Sep-02 03:39:31 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-A530
Serial Number : F1BE2478
Frequency : 1851.25 MHz
Transmit Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : SAM FLAT2
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 54.000
Tissue Conductivity : 1.530
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-25
Body
CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C

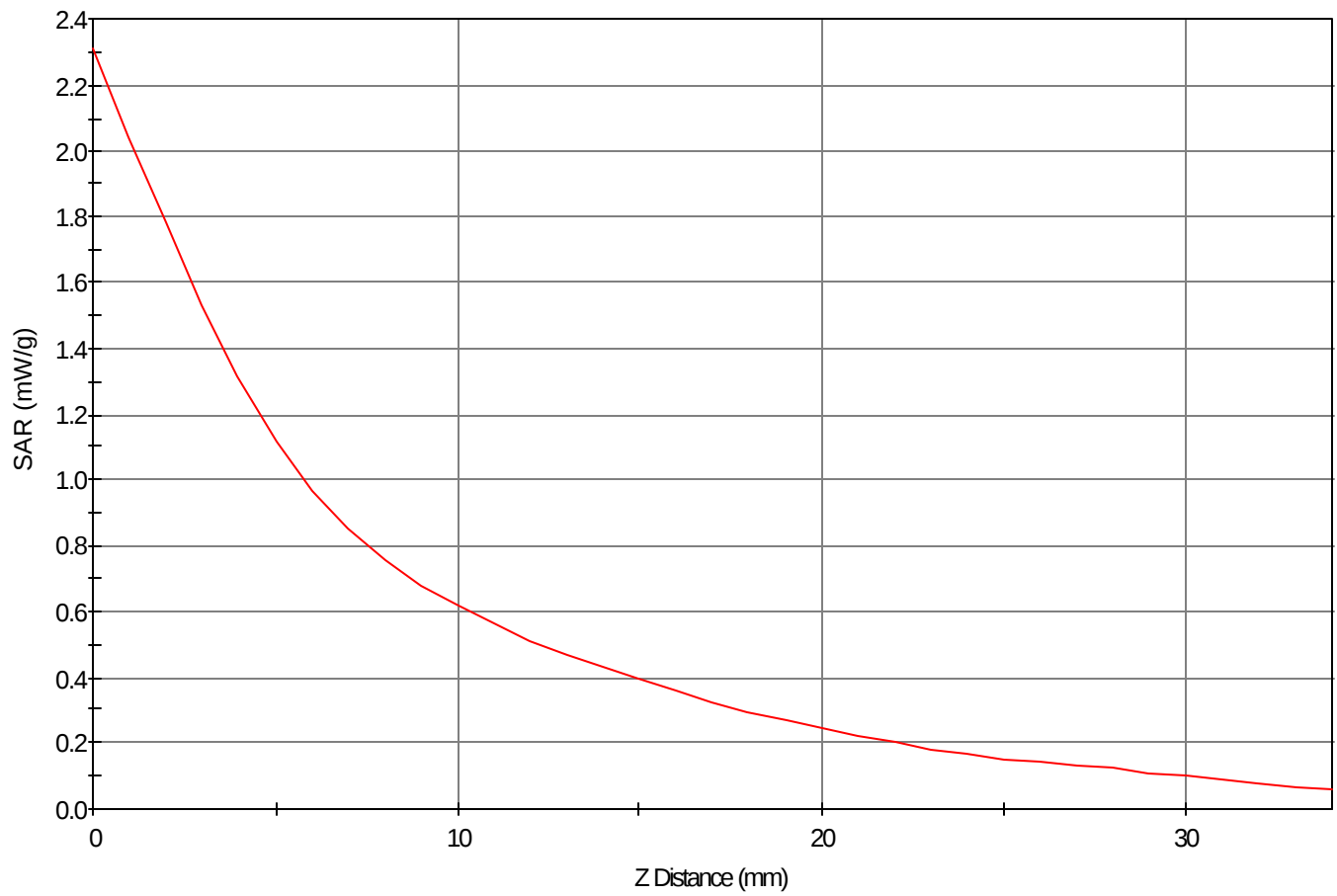
Area Scan - Max Peak SAR Value at x=-4.0 y=31.0 = 1.18 W/kg

Zoom Scan - Max Peak SAR Value at x=-3.0 y=34.0 z=0.0 = 2.31 W/kg

Max 1g SAR at x=-3.0 y=32.0 z=0.0 = 1.29 W/kg

Max 10g SAR at x=-3.0 y=32.0 z=0.0 = 0.69 W/kg

SAR - Z Axis
at Hotspot x:-3.0 y:34.0



1g SAR Values

