

SAR Data Report 02072318

Start : 23-Jul-02 03:05:16 pm
End : 23-Jul-02 03:11:47 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 824.70 MHz
Transmit Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-R
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= 22.2 'C; Liq. Temp=22.1 'C

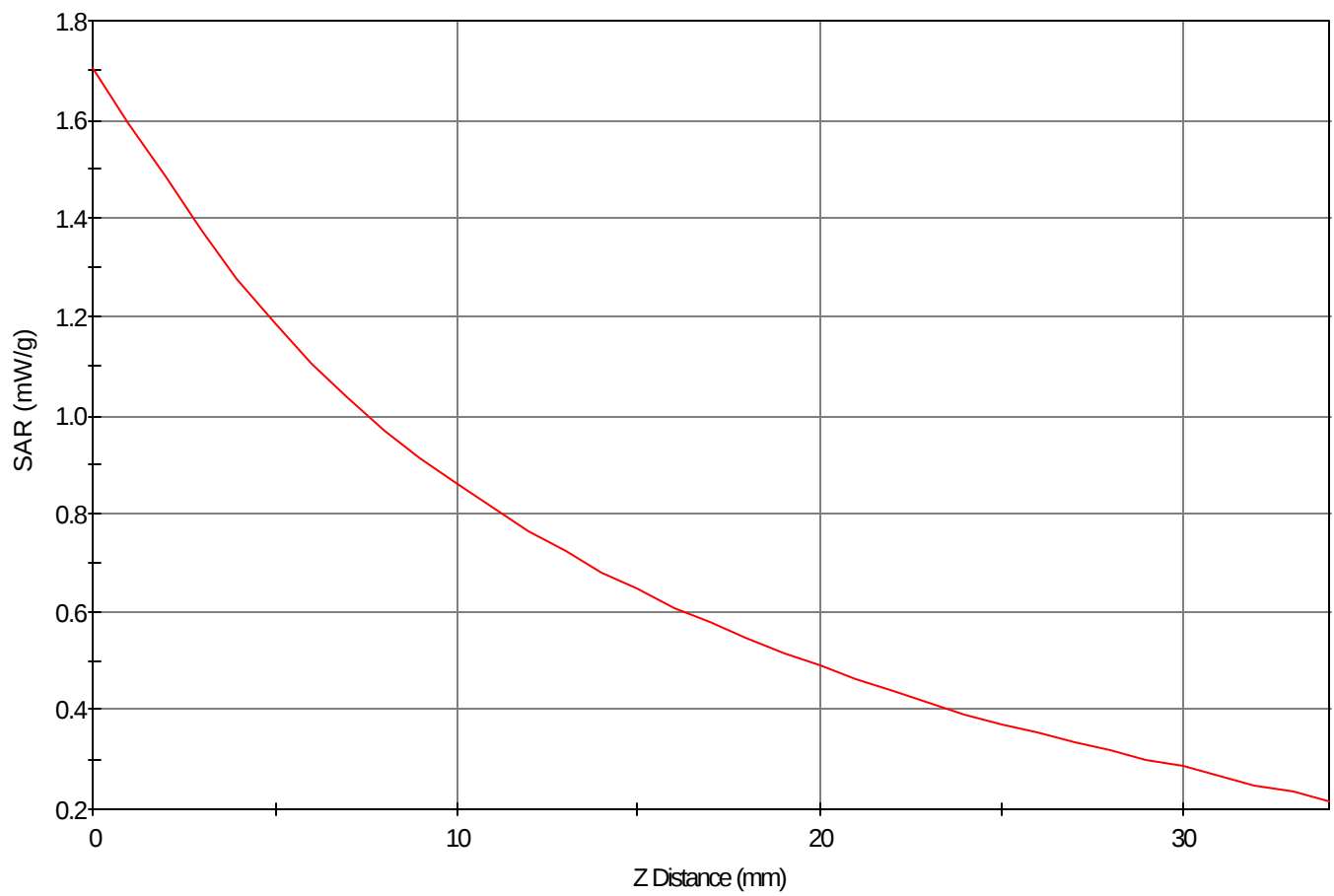
Area Scan - Max Peak SAR Value at x=77.0 y=12.0 = 1.21 W/kg

Zoom Scan - Max Peak SAR Value at x=77.0 y=13.0 z=0.0 = 1.70 W/kg

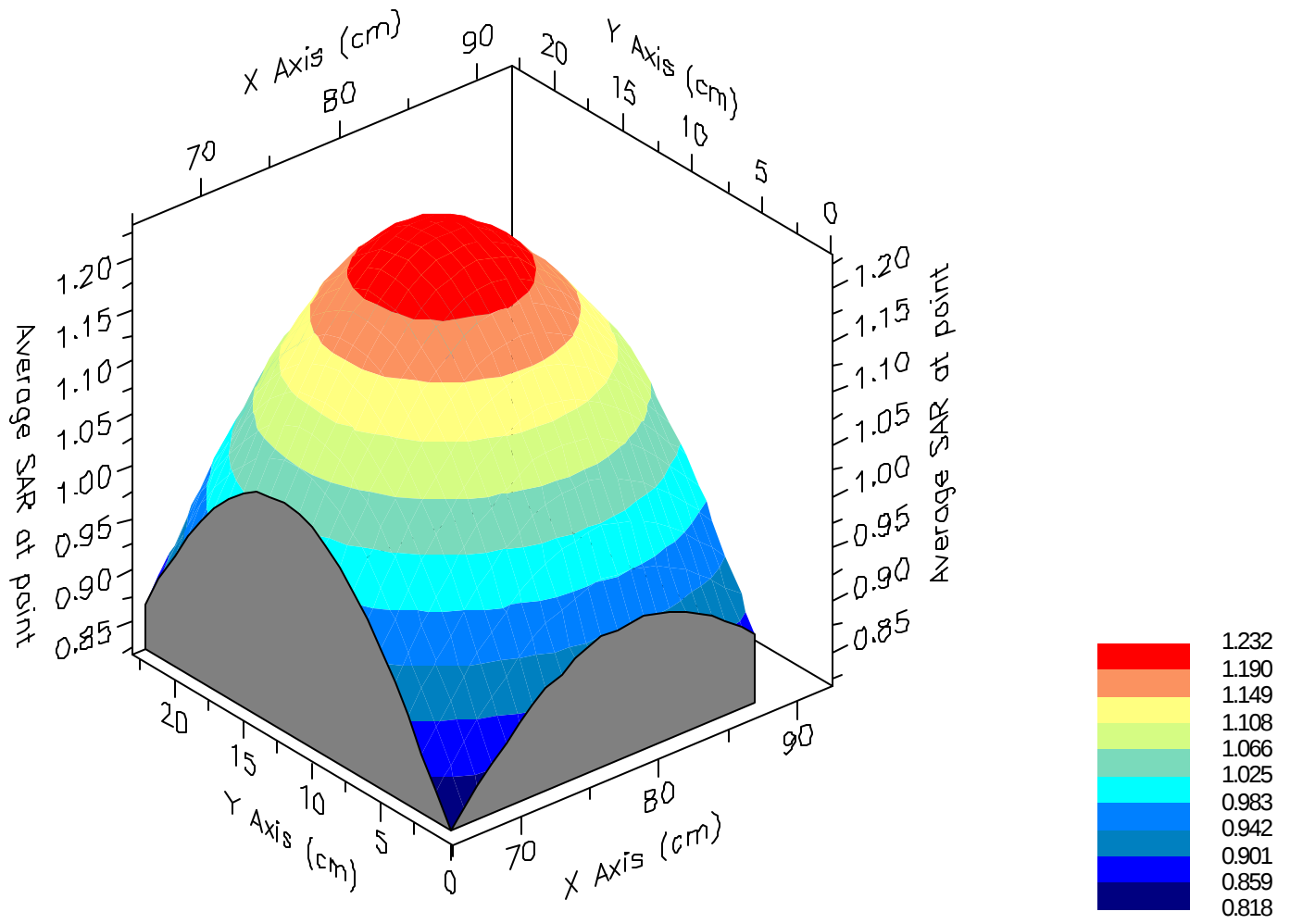
Max 1g SAR at x=78.0 y=14.0 z=0.0 = 1.23 W/kg

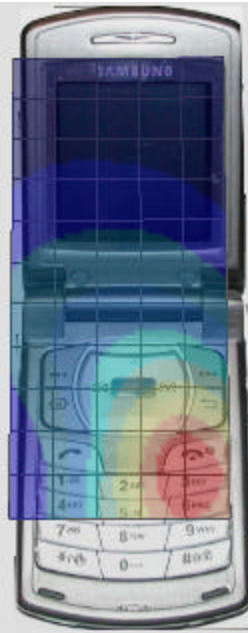
Max 10g SAR at x=79.0 y=13.0 z=0.0 = 0.83 W/kg

SAR - Z Axis
at Hotspot x:77.0 y:13.0



1g SAR Values





SAR Data Report 02072320

Start : 23-Jul-02 03:30:59 pm
End : 23-Jul-02 03:37:18 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 824.70 MHz
Transmit Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-R
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
Tilt
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

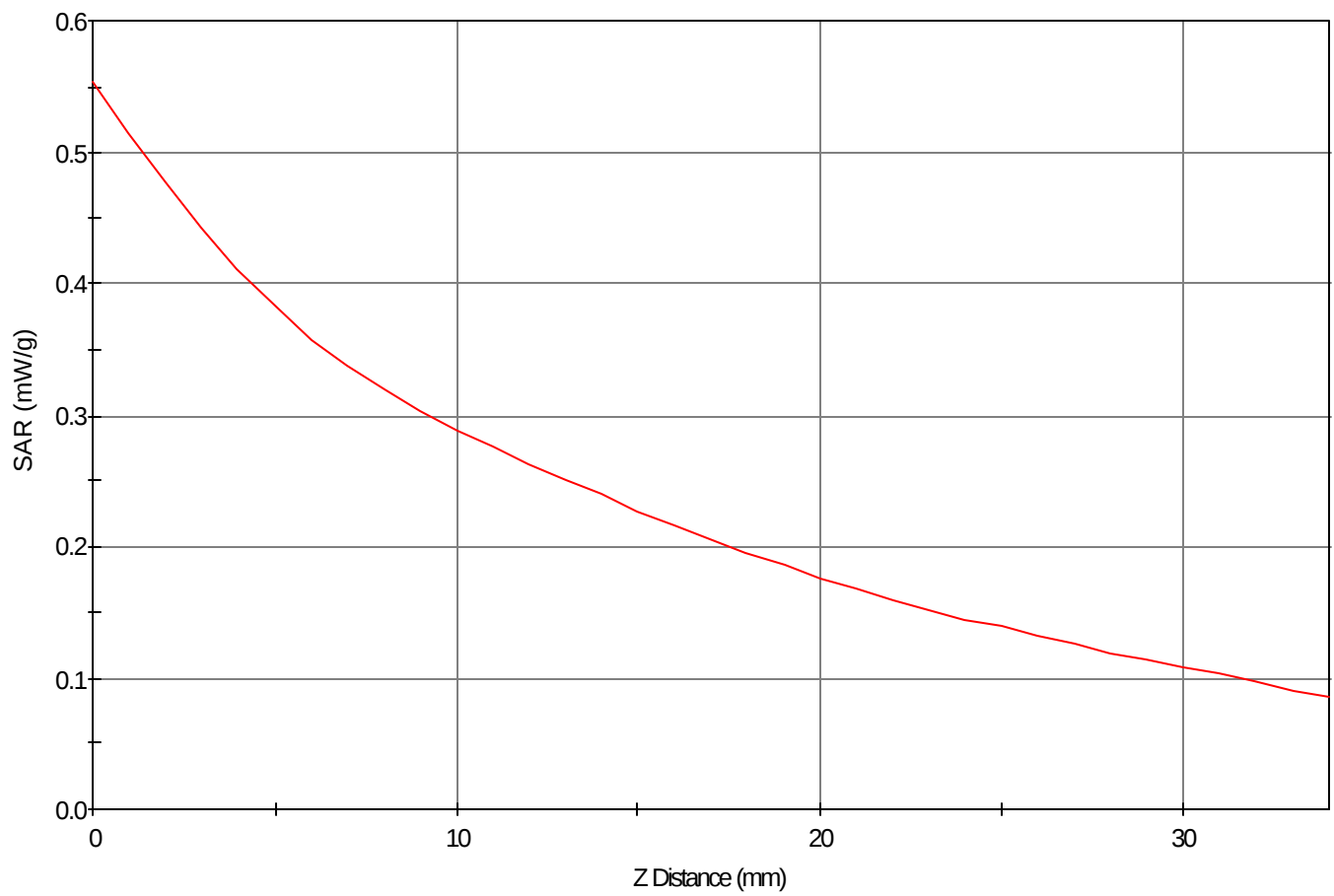
Area Scan - Max Peak SAR Value at x=47.0 y=9.0 = 0.39 W/kg

Zoom Scan - Max Peak SAR Value at x=35.0 y=10.0 z=0.0 = 0.55 W/kg

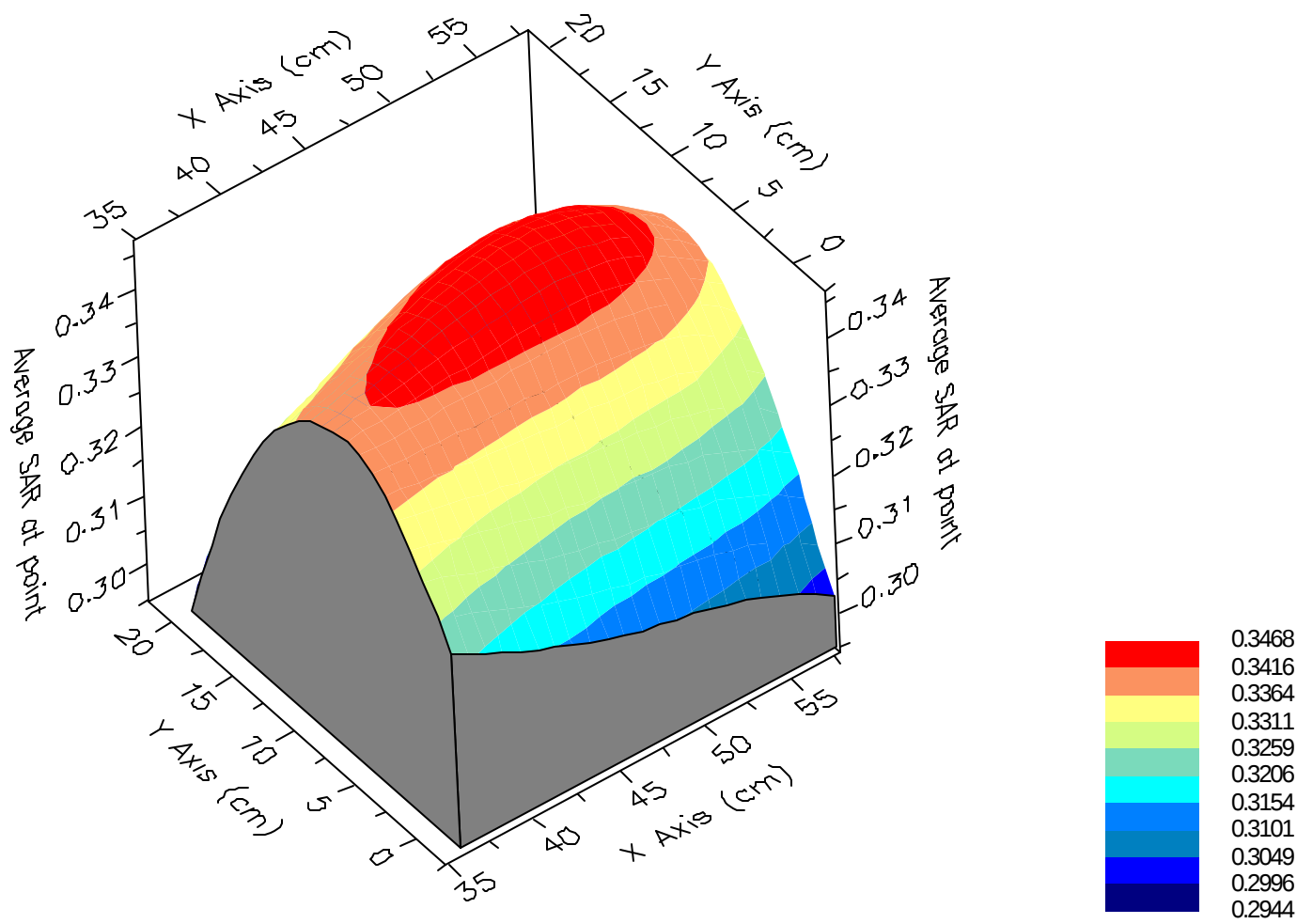
Max 1g SAR at x=36.0 y=8.0 z=0.0 = 0.41 W/kg

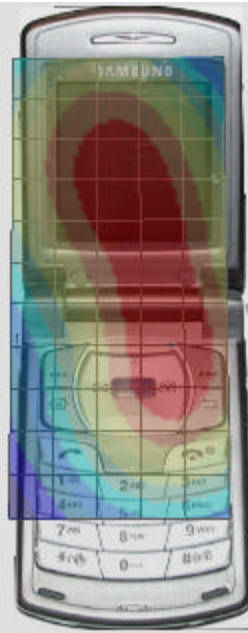
Max 10g SAR at x=42.0 y=7.0 z=0.0 = 0.30 W/kg

SAR - Z Axis
at Hotspot x:35.0 y:10.0



1g SAR Values





SAR Data Report 02072304

Start : 23-Jul-02 10:44:59 am
End : 23-Jul-02 10:55:52 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 824.70 MHz
Transmit Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-L
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-1013
Cheek
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

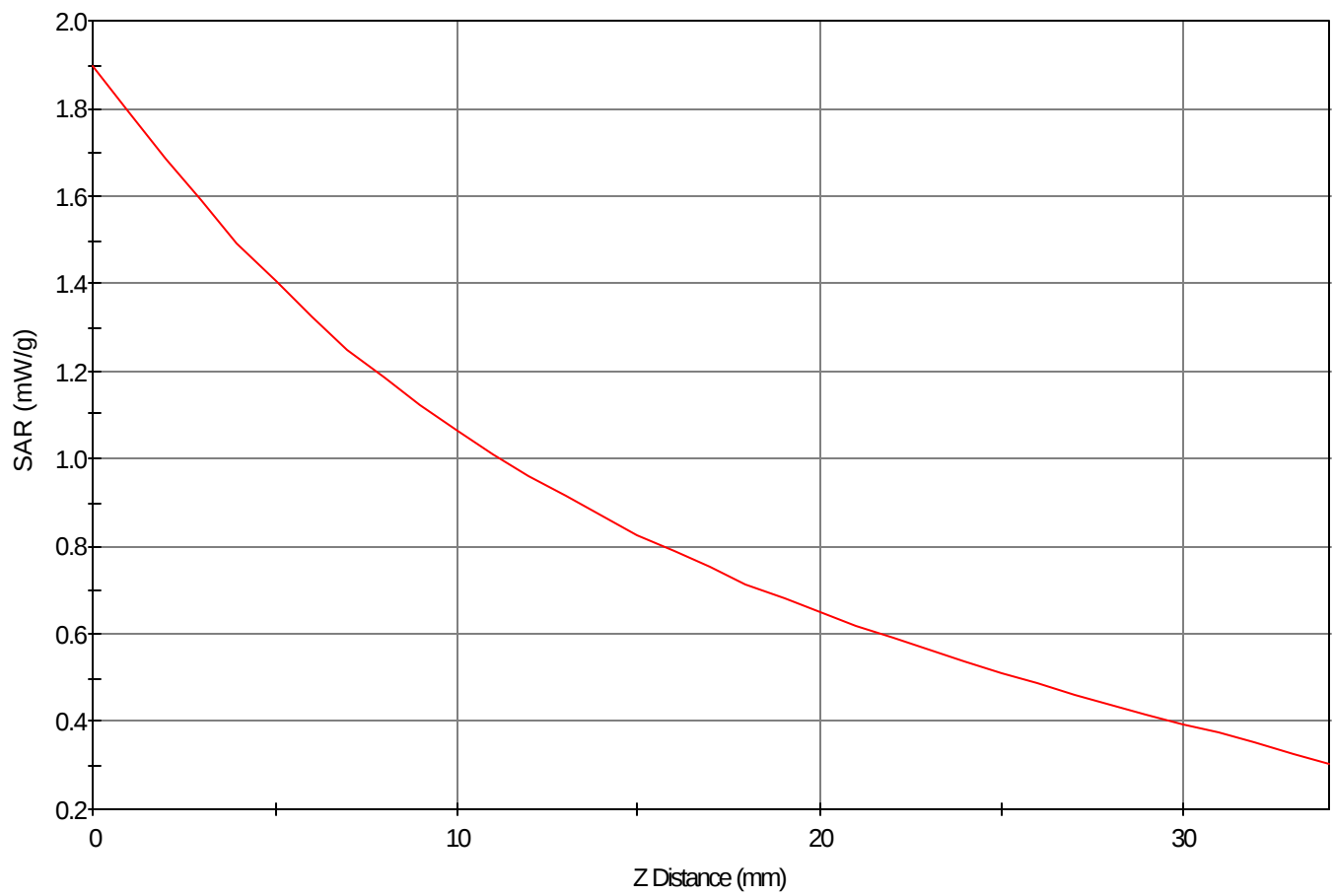
Area Scan - Max Peak SAR Value at x=78.0 y=6.0 = 1.41 W/kg

Zoom Scan - Max Peak SAR Value at x=77.0 y=7.0 z=0.0 = 1.90 W/kg

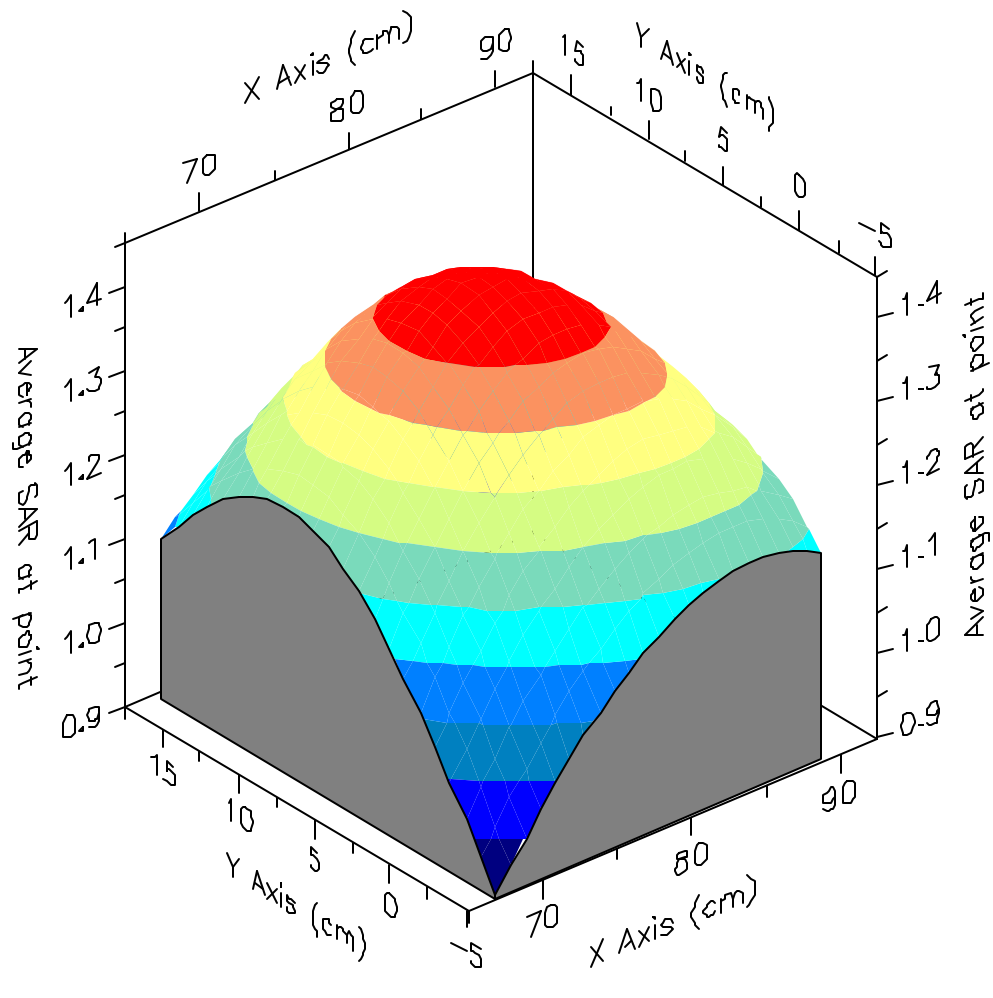
Max 1g SAR at x=78.0 y=7.0 z=0.0 = 1.43 W/kg

Max 10g SAR at x=79.0 y=5.0 z=0.0 = 0.99 W/kg

SAR - Z Axis
at Hotspot x:77.0 y:7.0



1g SAR Values





SAR Data Report 02072307

Start : 23-Jul-02 11:27:32 am
End : 23-Jul-02 11:34:07 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 824.70 MHz
Transmit Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-L
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-1013
Tilt
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

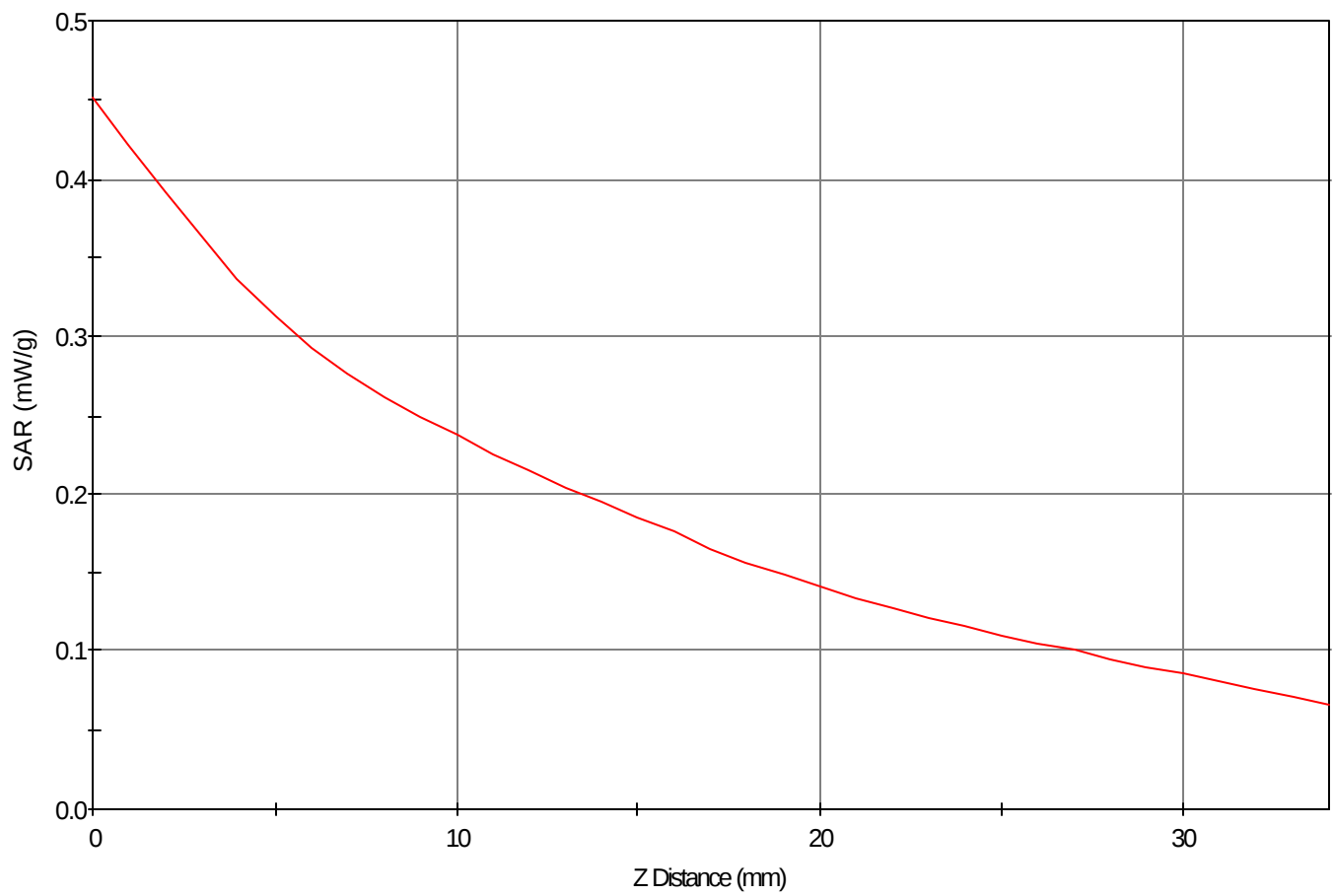
Area Scan - Max Peak SAR Value at x=37.0 y=13.0 = 0.33 W/kg

Zoom Scan - Max Peak SAR Value at x=28.0 y=16.0 z=0.0 = 0.45 W/kg

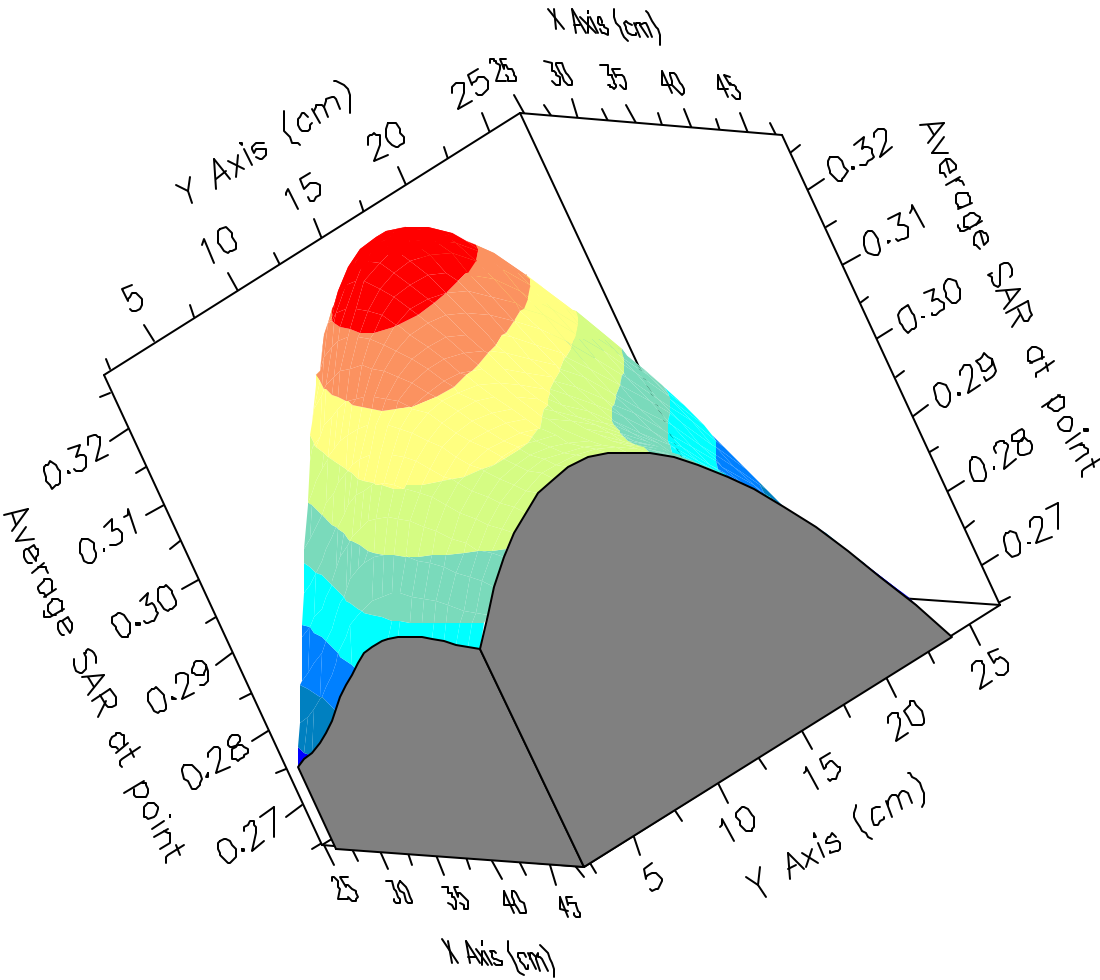
Max 1g SAR at x=29.0 y=16.0 z=0.0 = 0.33 W/kg

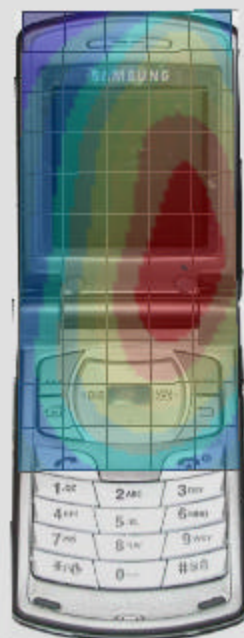
Max 10g SAR at x=32.0 y=13.0 z=0.0 = 0.24 W/kg

SAR - Z Axis
at Hotspot x:28.0 y:16.0



1g SAR Values





SAR Data Report 02072301

Start : 23-Jul-02 10:13:40 am
End : 23-Jul-02 10:21:49 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 1908.75 MHz
Transmit Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-R
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-1175
Cheek
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

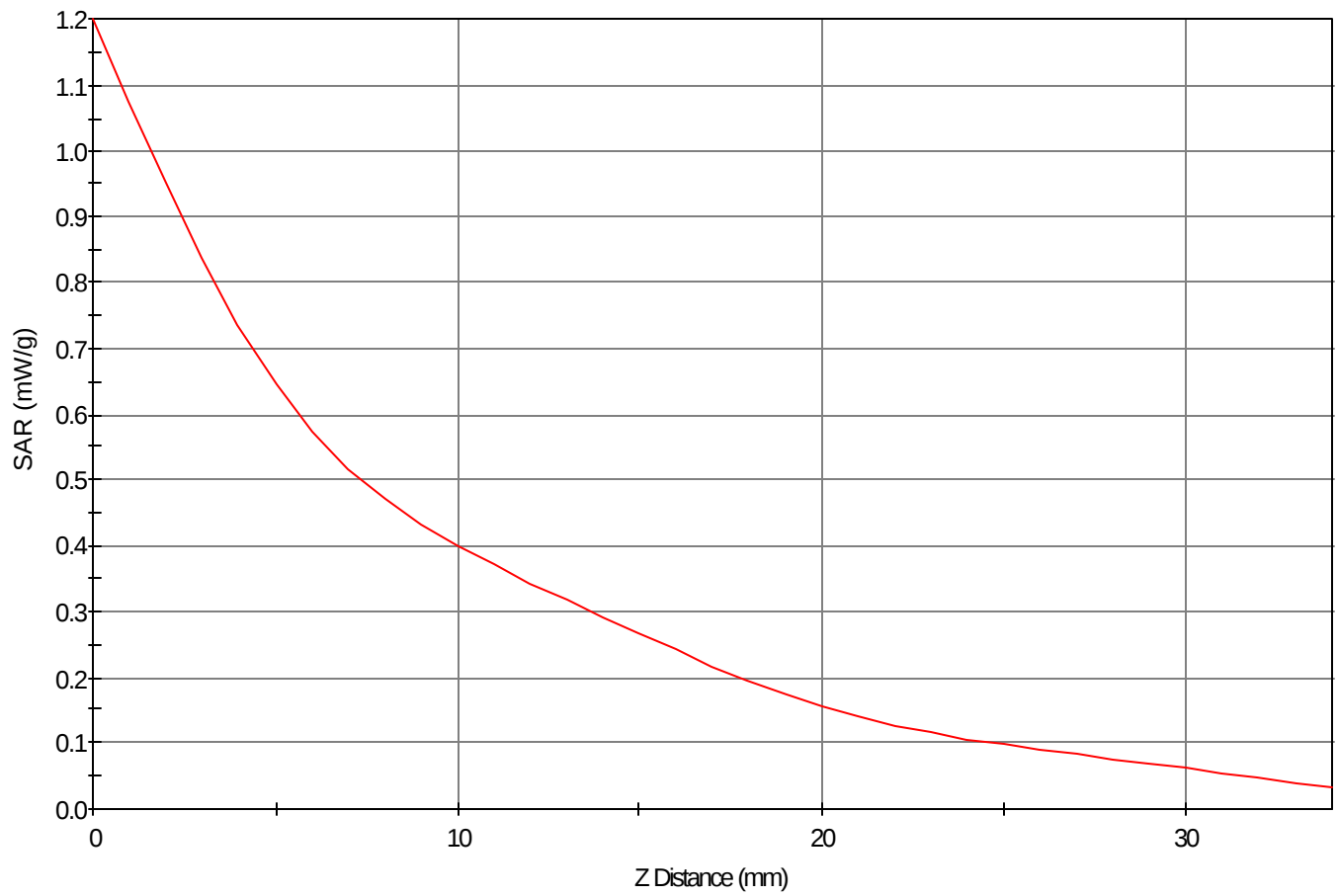
Area Scan - Max Peak SAR Value at x=90.0 y=13.0 = 0.65 W/kg

Zoom Scan - Max Peak SAR Value at x=86.0 y=21.0 z=0.0 = 1.20 W/kg

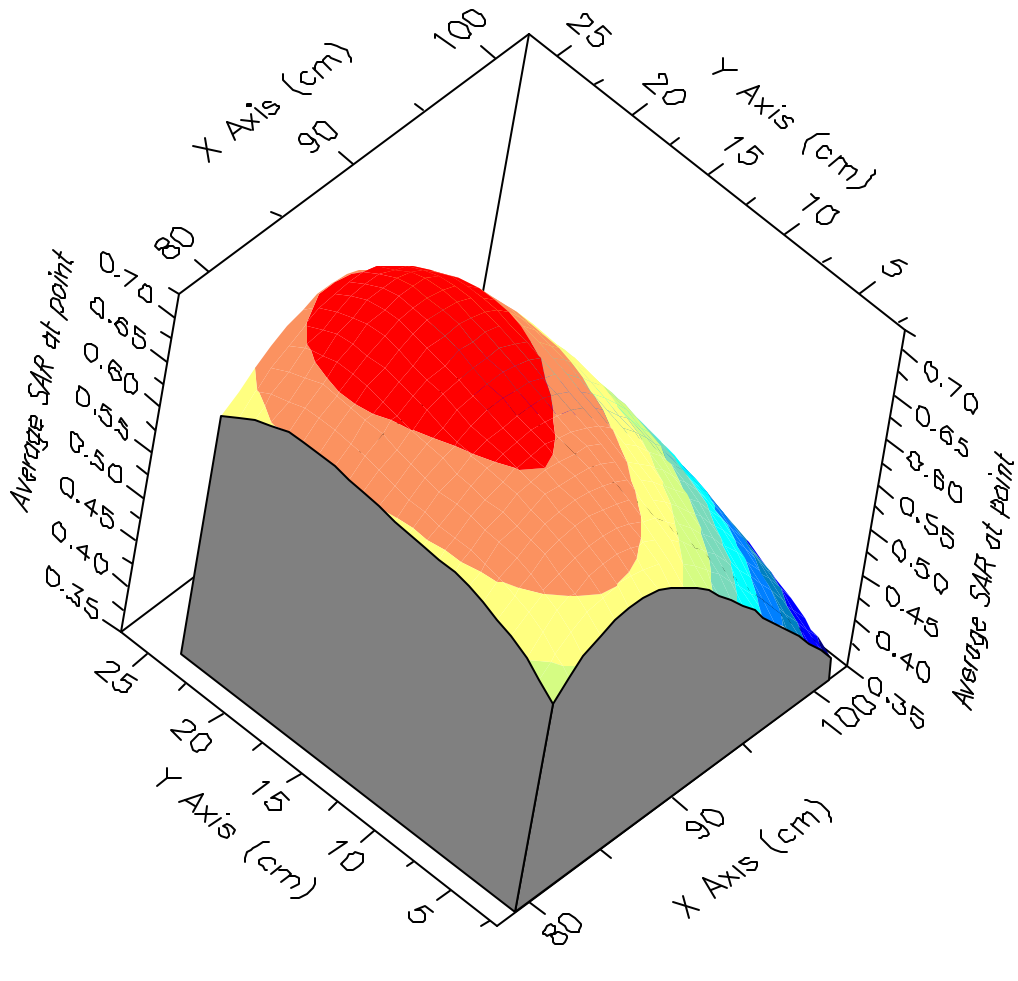
Max 1g SAR at x=86.0 y=19.0 z=0.0 = 0.72 W/kg

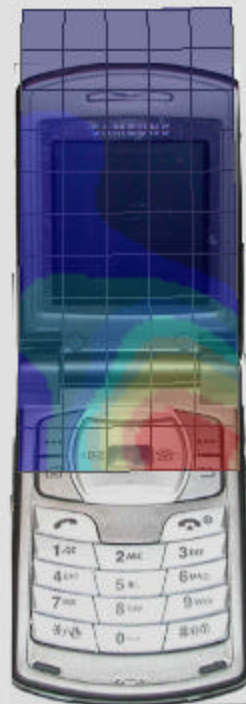
Max 10g SAR at x=85.0 y=13.0 z=0.0 = 0.44 W/kg

SAR - Z Axis
at Hotspot x:86.0 y:21.0



1g SAR Values





SAR Data Report 02072311

Start : 23-Jul-02 12:16:00 pm
End : 23-Jul-02 12:22:25 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 1908.75 MHz
Transmit Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-R
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-1175
Tilt
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

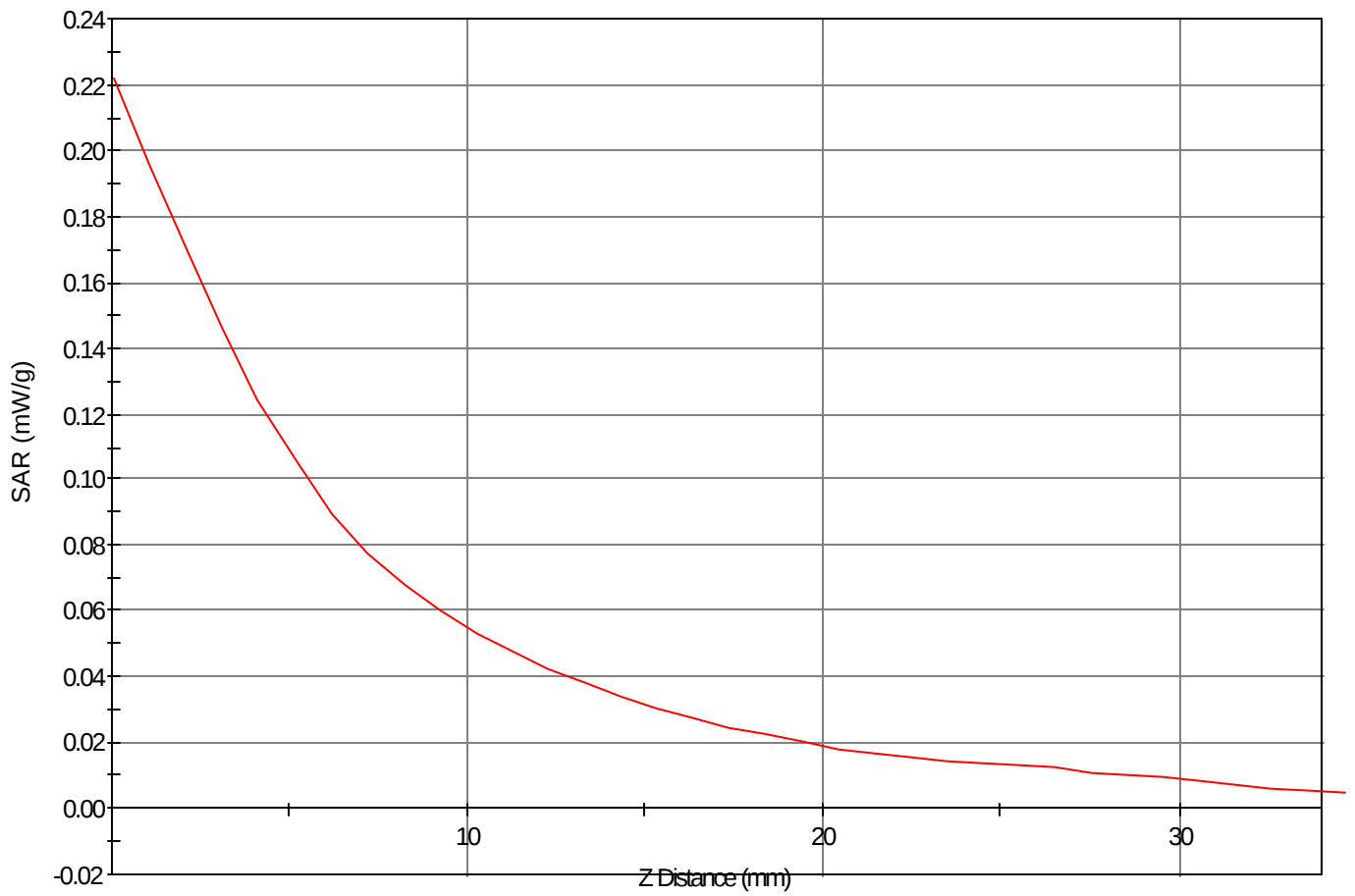
Area Scan - Max Peak SAR Value at x=76.0 y=5.0 = 0.08 W/kg

Zoom Scan - Max Peak SAR Value at x=77.0 y=-4.0 z=0.0 = 0.22 W/kg

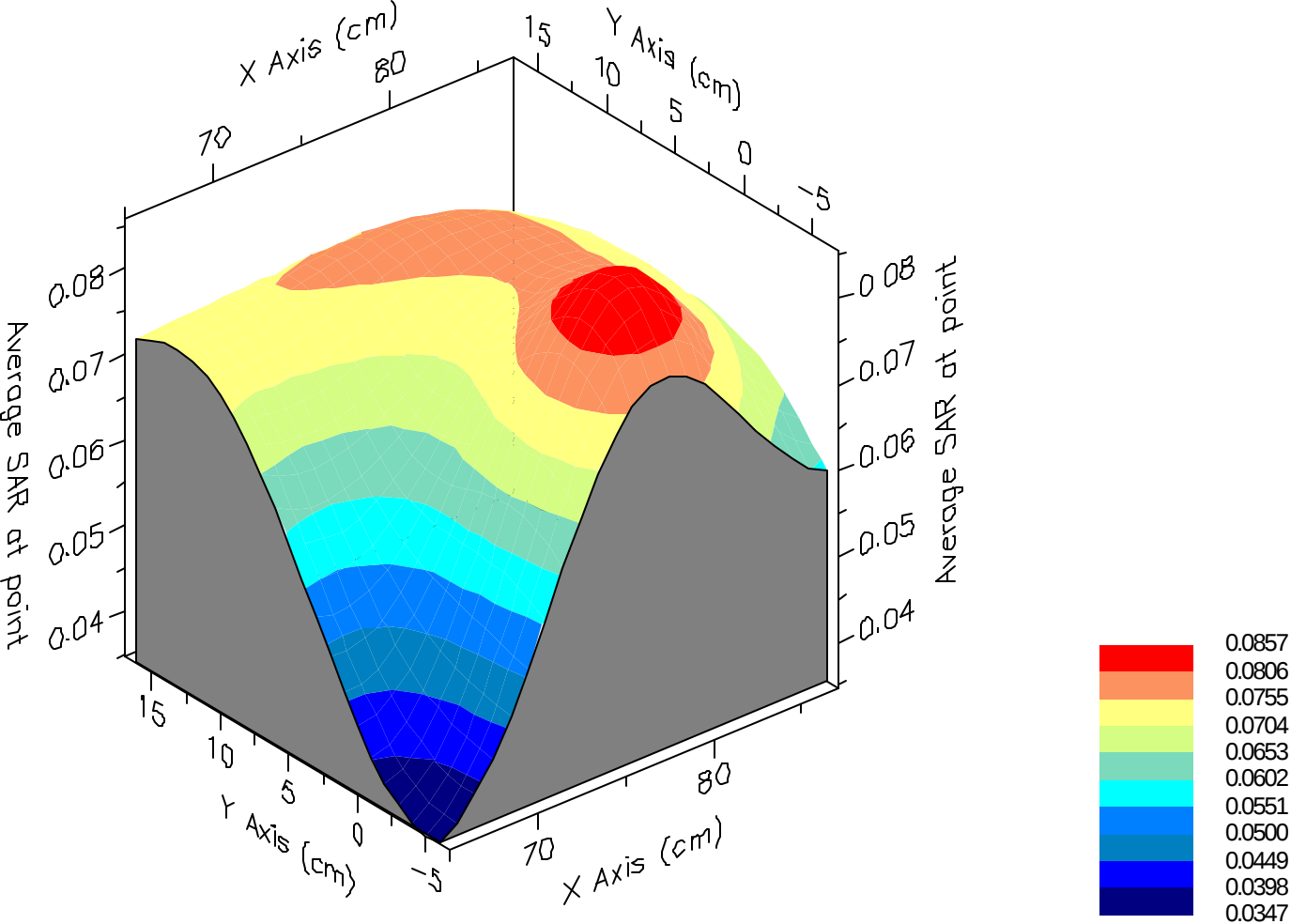
Max 1g SAR at x=78.0 y=-2.0 z=0.0 = 0.09 W/kg

Max 10g SAR at x=81.0 y=5.0 z=0.0 = 0.05 W/kg

SAR - Z Axis
at Hotspot x:77.0 y:-4.0



1g SAR Values





SAR Data Report 02072312

Start : 23-Jul-02 02:09:03 pm
End : 23-Jul-02 02:20:11 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 1908.75 MHz
Transmit Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-L
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-1175
Cheek
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

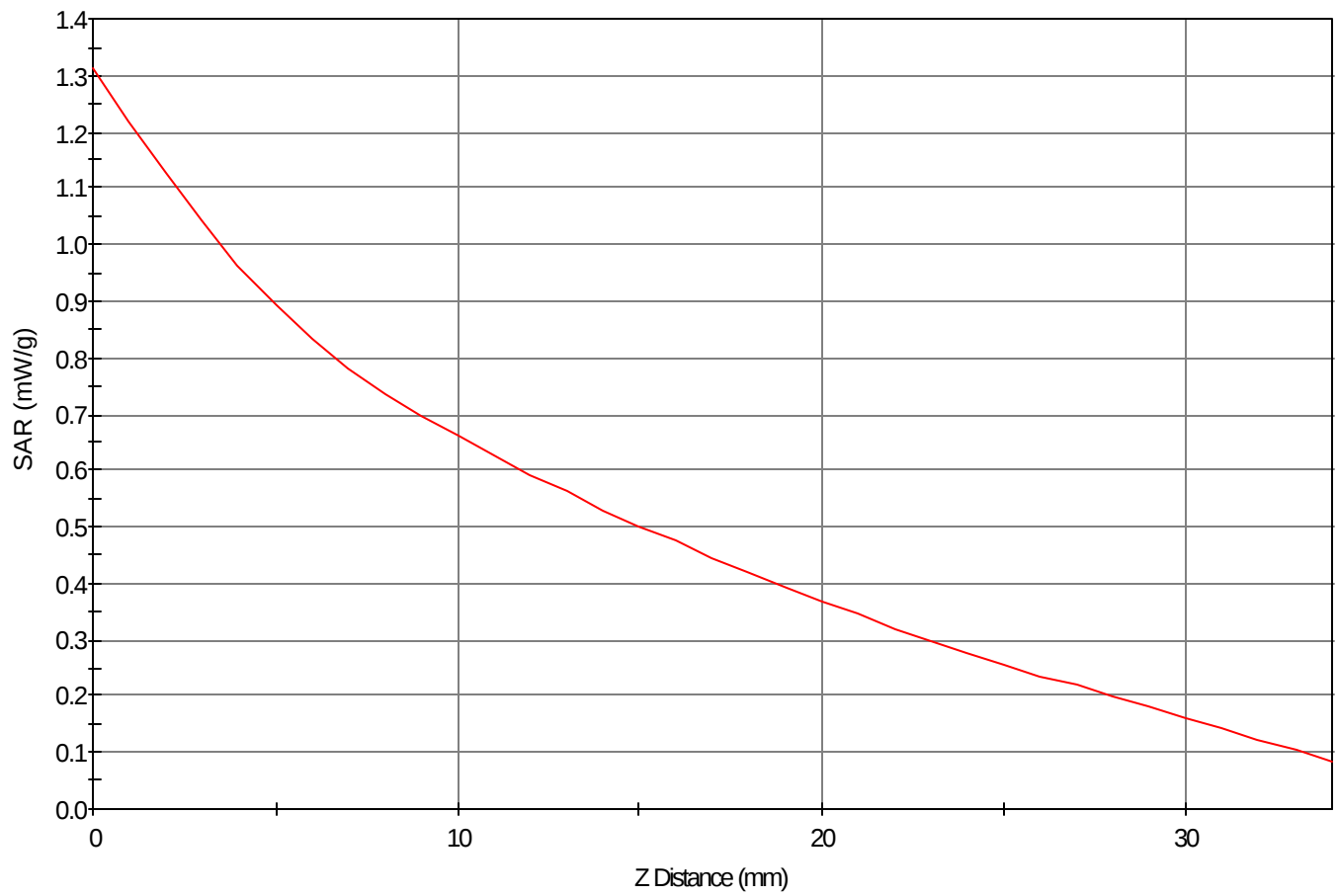
Area Scan - Max Peak SAR Value at x=85.0 y=-6.0 = 0.99 W/kg

Zoom Scan - Max Peak SAR Value at x=84.0 y=1.0 z=0.0 = 1.31 W/kg

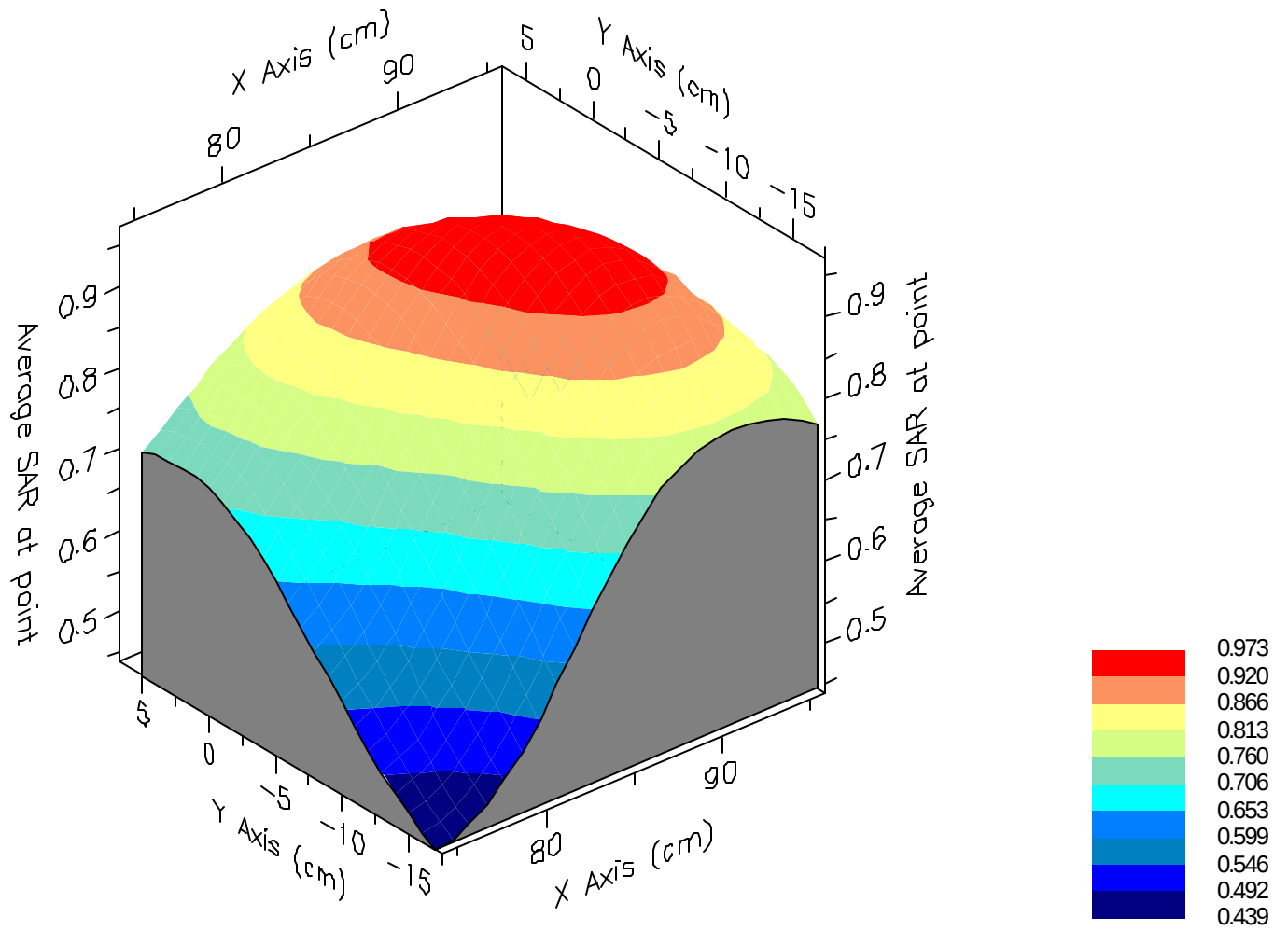
Max 1g SAR at x=88.0 y=-6.0 z=0.0 = 0.97 W/kg

Max 10g SAR at x=87.0 y=-6.0 z=0.0 = 0.61 W/kg

SAR - Z Axis
at Hotspot x:84.0 y:1.0



1g SAR Values





SAR Data Report 02072315

Start : 23-Jul-02 02:49:33 pm
End : 23-Jul-02 02:55:49 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 1908.75 MHz
Transmit Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-L
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-1175
Tilt
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

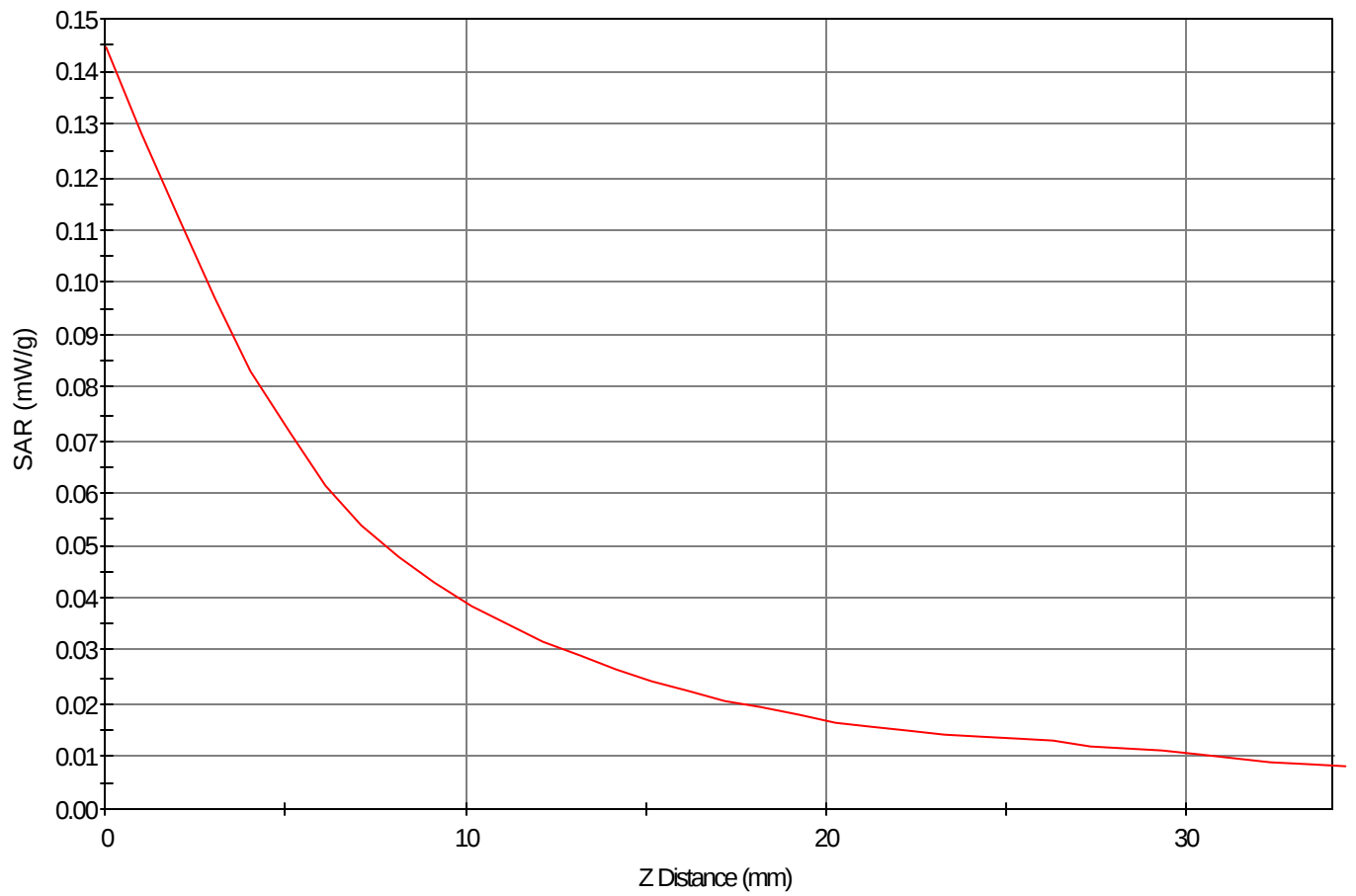
Area Scan - Max Peak SAR Value at x=79.0 y=-13.0 = 0.07 W/kg

Zoom Scan - Max Peak SAR Value at x=86.0 y=3.0 z=0.0 = 0.14 W/kg

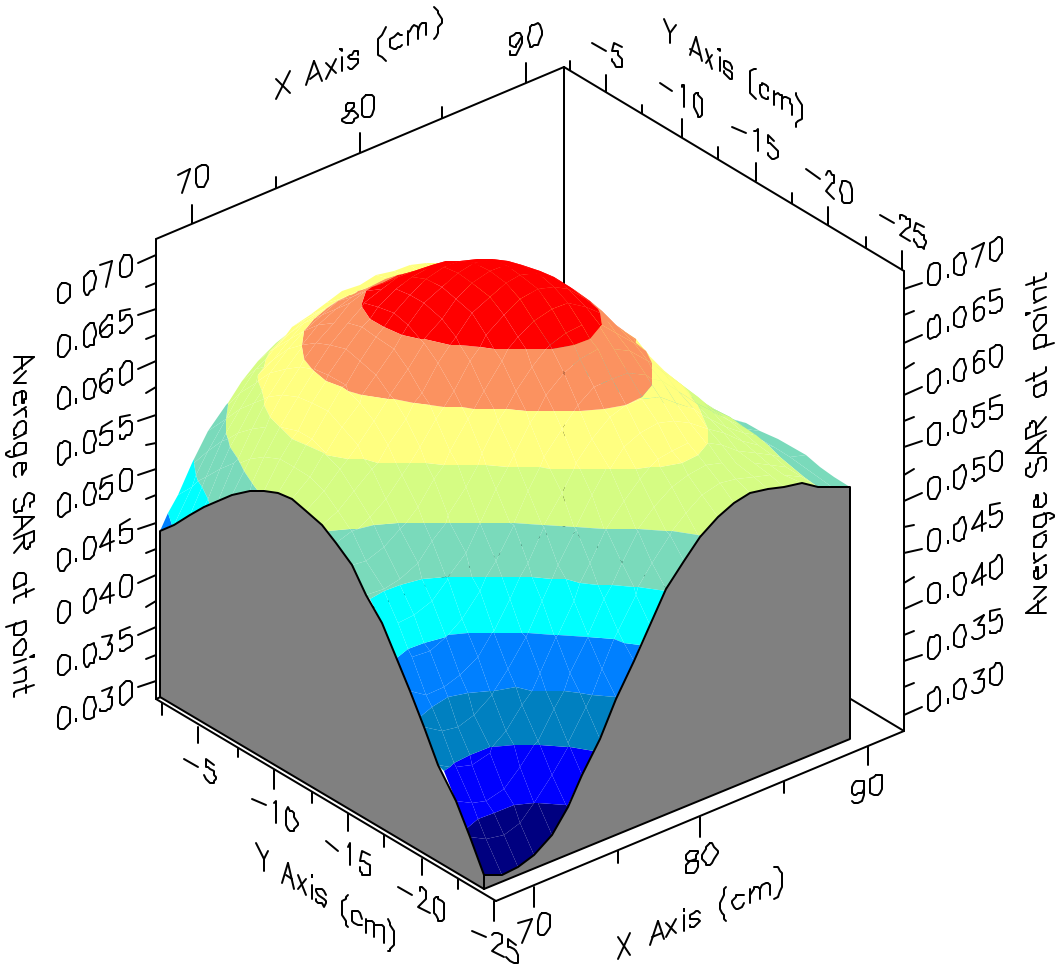
Max 1g SAR at x=79.0 y=-12.0 z=0.0 = 0.07 W/kg

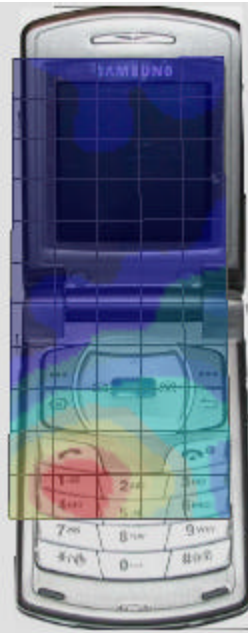
Max 10g SAR at x=80.0 y=-8.0 z=0.0 = 0.04 W/kg

SAR - Z Axis
at Hotspot x:86.0 y:3.0



1g SAR Values





SAR Data Report 02072325

Start : 23-Jul-02 04:36:14 pm
End : 23-Jul-02 04:42:24 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 824.70 MHz
Transmit Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-FLAT
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-1013
Body
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

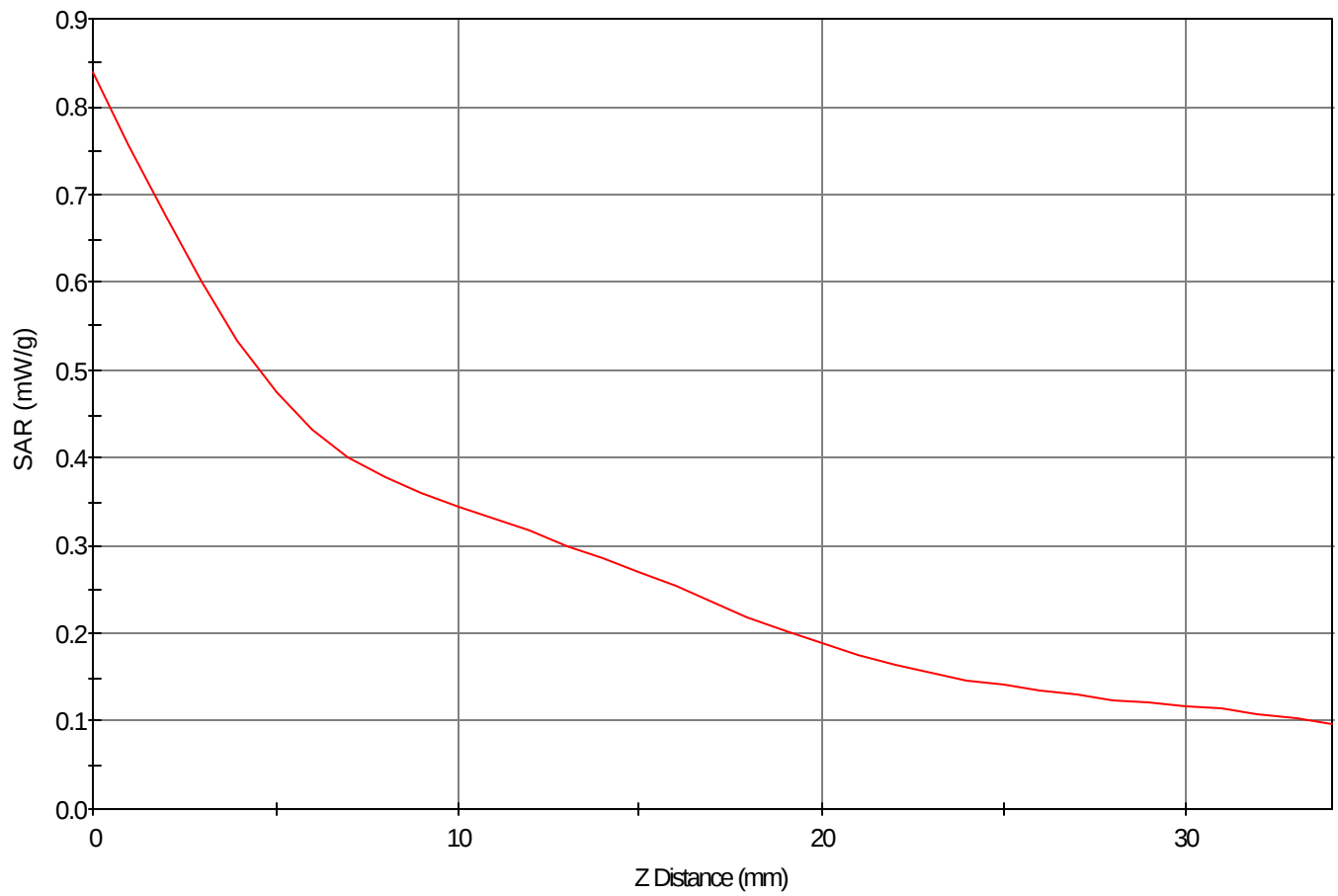
Area Scan - Max Peak SAR Value at x=-7.0 y=7.0 = 0.52 W/kg

Zoom Scan - Max Peak SAR Value at x=-6.0 y=-1.0 z=0.0 = 0.84 W/kg

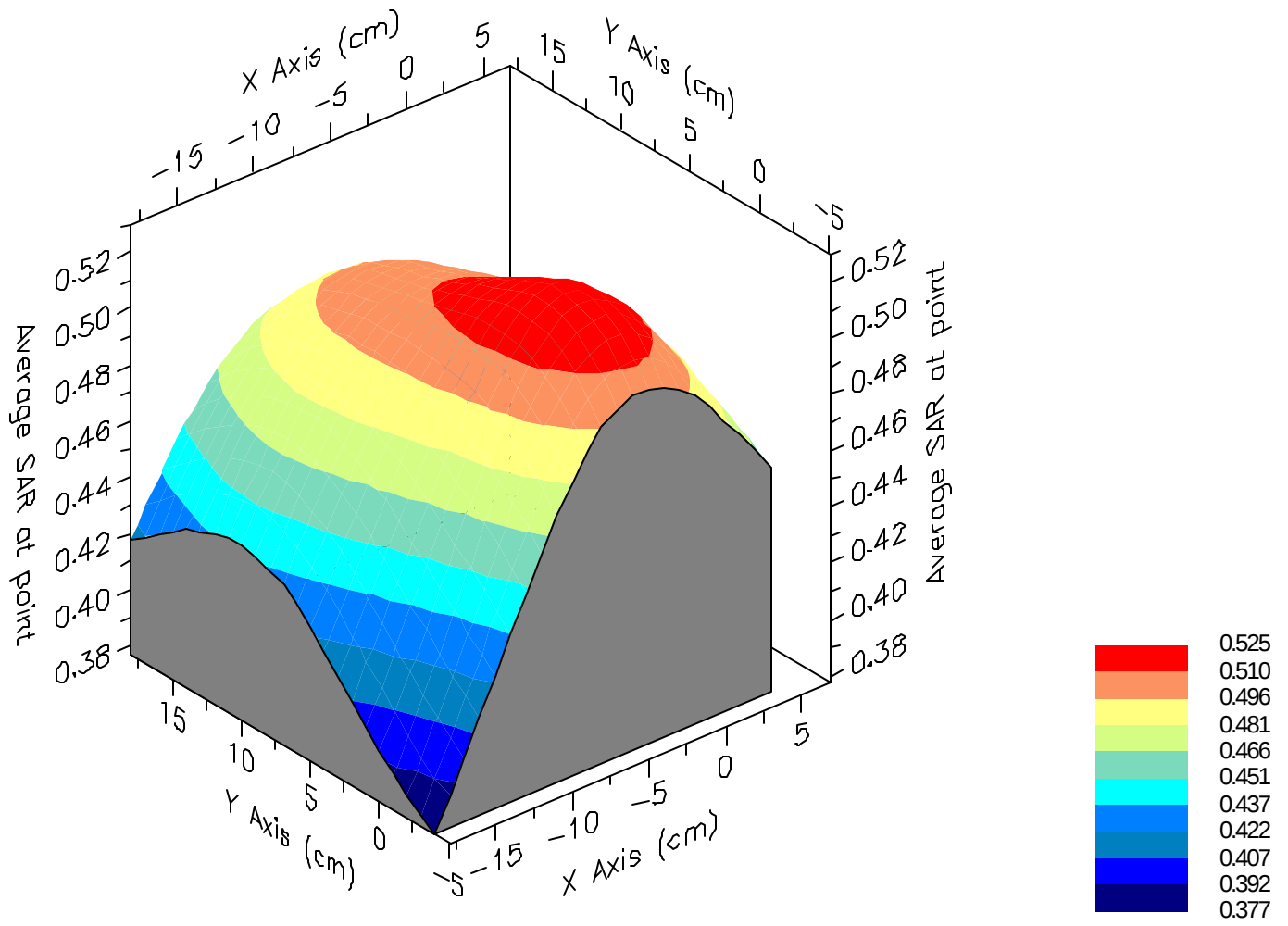
Max 1g SAR at x=-5.0 y=1.0 z=0.0 = 0.53 W/kg

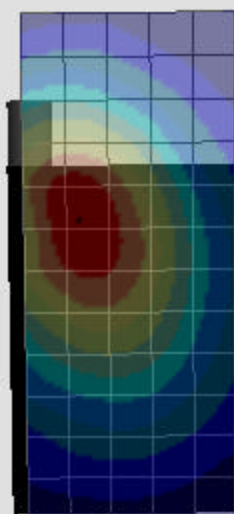
Max 10g SAR at x=-5.0 y=5.0 z=0.0 = 0.36 W/kg

SAR - Z Axis
at Hotspot x:-6.0 y:-1.0



1g SAR Values





SAR Data Report 02072321

Start : 23-Jul-02 03:48:59 pm
End : 23-Jul-02 03:55:10 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : SAMSUNG
Model Number : SCH-i600
Serial Number : 14
Frequency : 1908.75 MHz
Transmit Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-FLAT
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-1175
Body
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

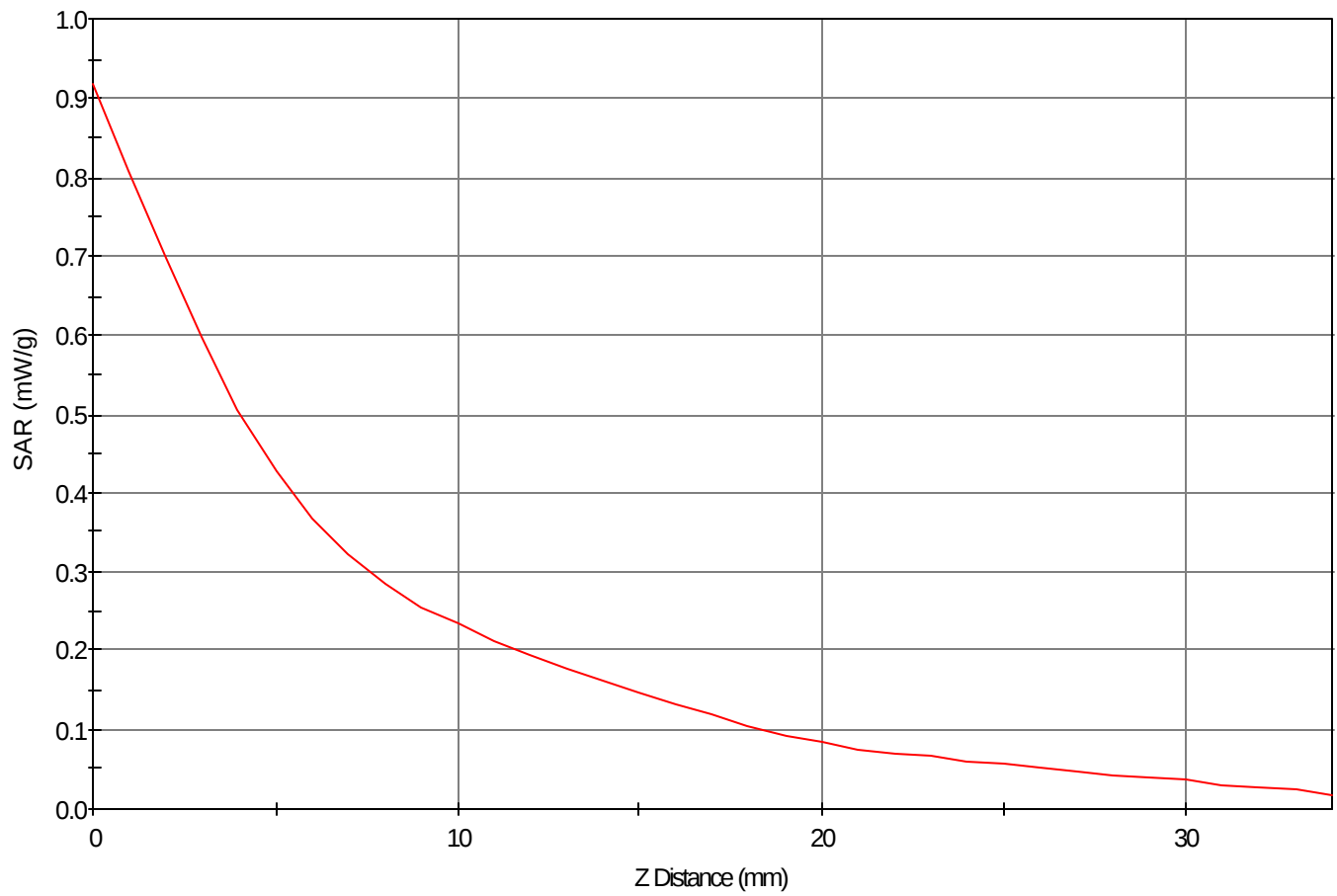
Area Scan - Max Peak SAR Value at x=-2.0 y=11.0 = 0.47 W/kg

Zoom Scan - Max Peak SAR Value at x=-8.0 y=9.0 z=0.0 = 0.92 W/kg

Max 1g SAR at x=-3.0 y=11.0 z=0.0 = 0.52 W/kg

Max 10g SAR at x=-1.0 y=11.0 z=0.0 = 0.29 W/kg

SAR - Z Axis
at Hotspot x:-8.0 y:9.0



1g SAR Values

