

SAR Data Report 04102113

Start : 21-Oct-04 10:44:53 pm
End : 21-Oct-04 10:52:16 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 848.80 MHz
Transmit Pwr : 0.800 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-RIGHT
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 40.230
Tissue Conductivity : 0.920
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.240
Calibrated Conductivity : 0.900
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 5.600
Probe Sensitivity : 2.809 3.327 3.274 mV/(mW/cm²)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM Mode CH-251
Cheek
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.053
Reading @ End = 0.049
Power at End = 92.2%

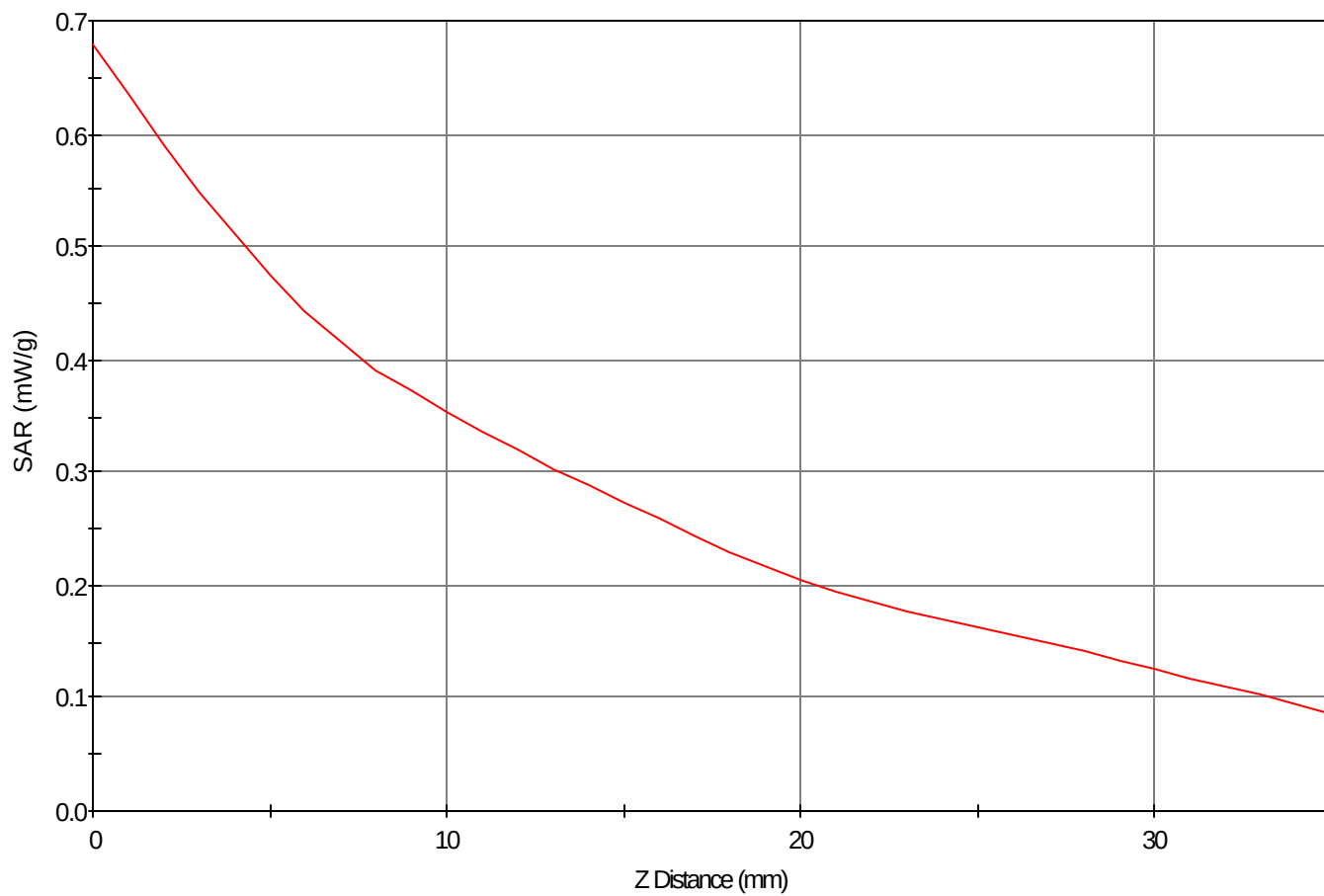
Area Scan - Max Peak SAR Value at x=80.0 y=-12.0 = 0.45 W/kg

Zoom Scan - Max Peak SAR Value at x=85.0 y=-12.0 z=0.0 = 0.68 W/kg

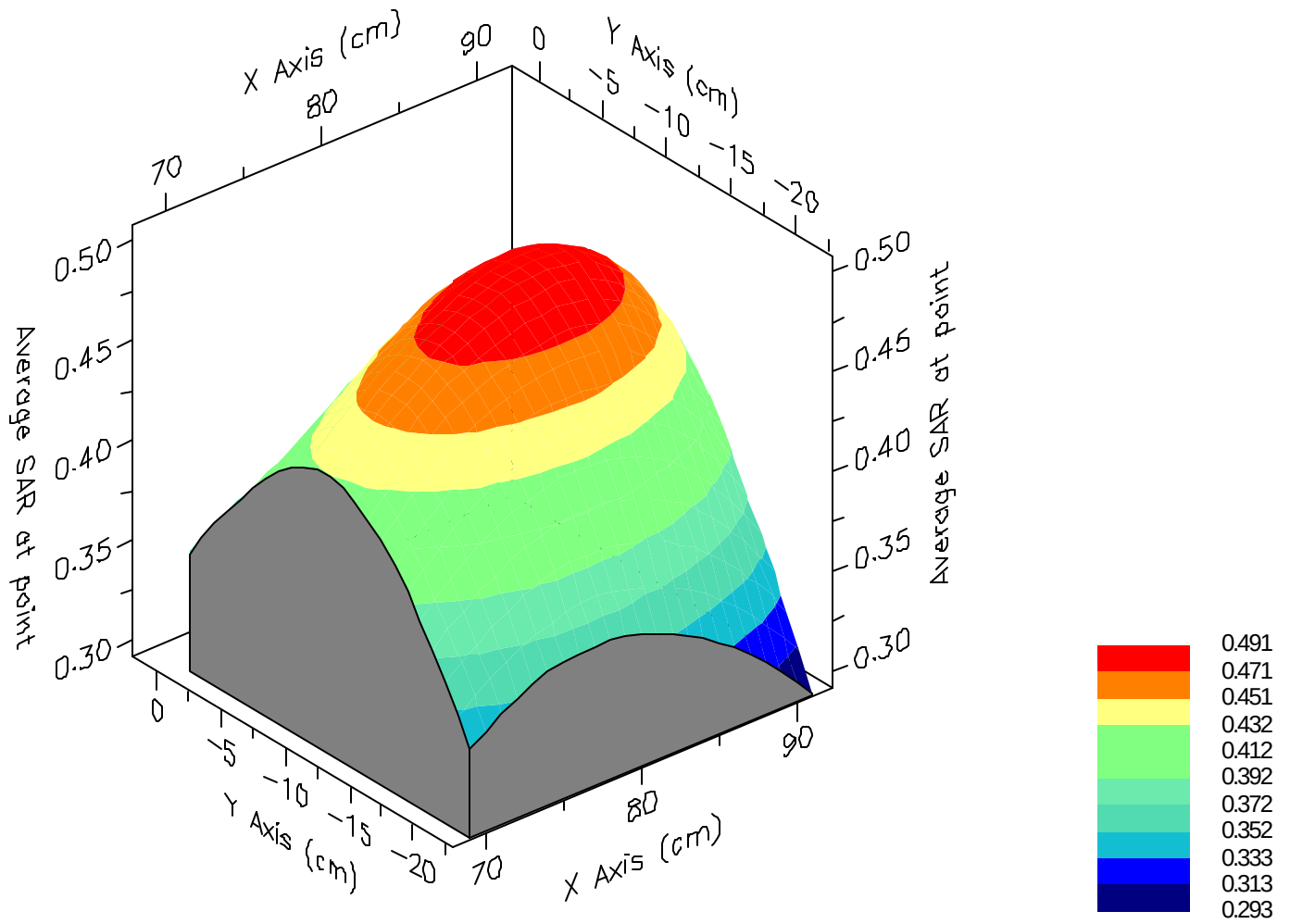
Max 1g SAR at x=83.0 y=-11.0 z=0.0 = 0.49 W/kg

Max 10g SAR at x=81.0 y=-10.0 z=0.0 = 0.34 W/kg

SAR - Z Axis
at Hotspot x:85.0 y:-12.0



1g SAR Values





SAR Data Report 04102114

Start : 21-Oct-04 10:53:43 pm
End : 21-Oct-04 10:59:56 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 848.80 MHz
Transmit Pwr : 0.800 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-RIGHT
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 40.230
Tissue Conductivity : 0.920
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.240
Calibrated Conductivity : 0.900
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 5.600
Probe Sensitivity : 2.809 3.327 3.274 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM Mode CH-251
Tilt
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.172
Reading @ End = 0.165
Power at End = 96.0%

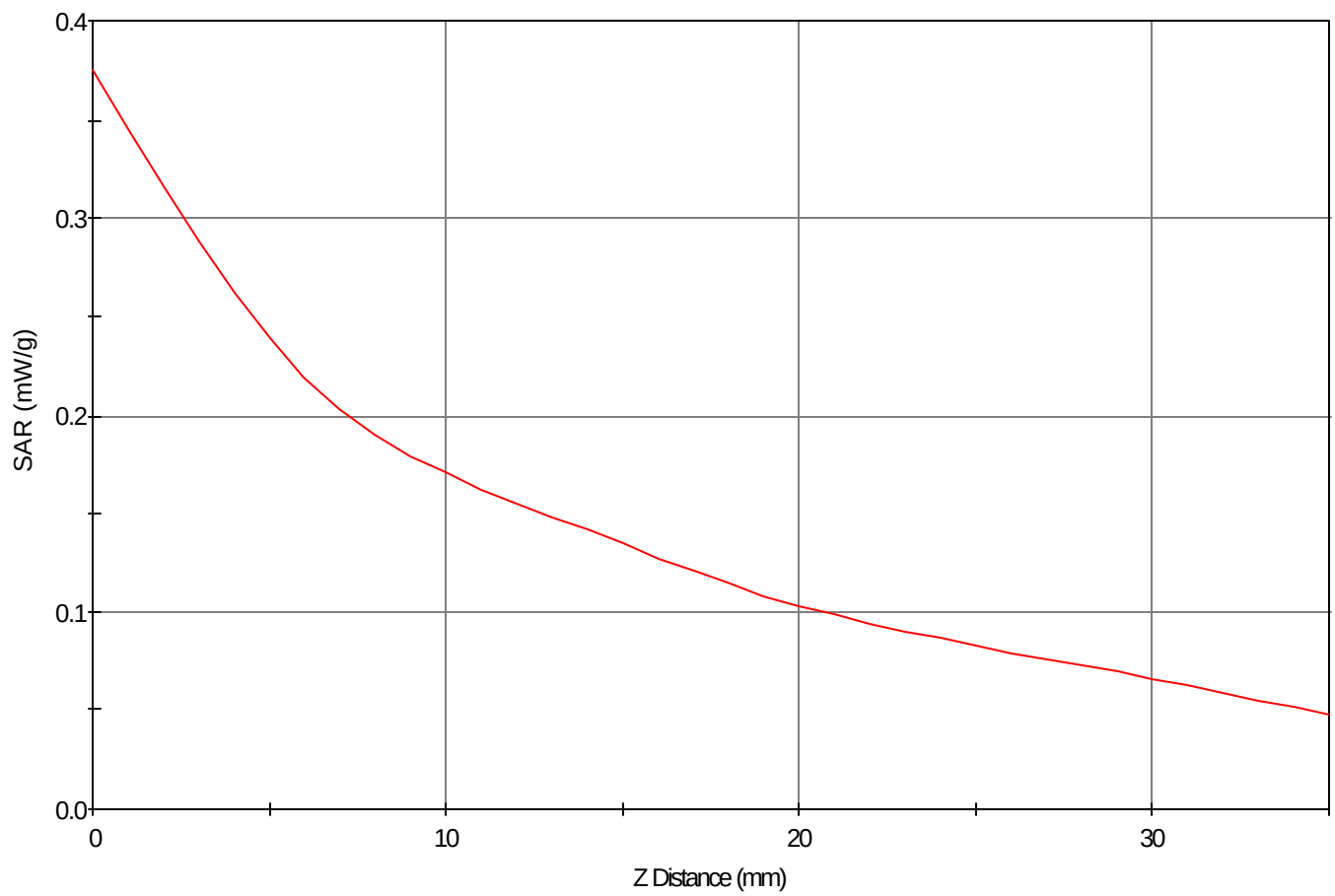
Area Scan - Max Peak SAR Value at x=65.0 y=-12.0 = 0.23 W/kg

Zoom Scan - Max Peak SAR Value at x=74.0 y=-11.0 z=0.0 = 0.37 W/kg

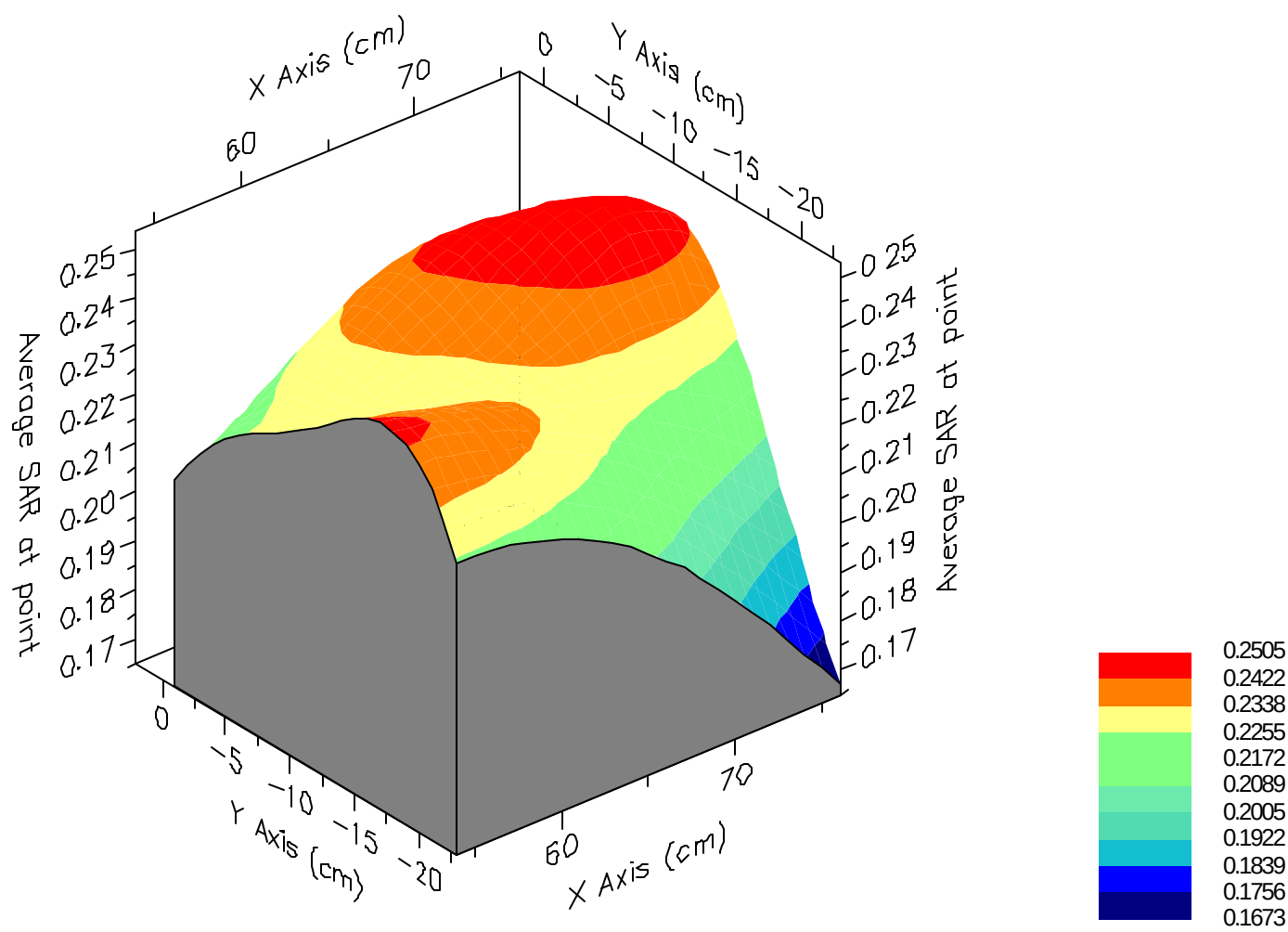
Max 1g SAR at x=72.0 y=-10.0 z=0.0 = 0.25 W/kg

Max 10g SAR at x=63.0 y=-11.0 z=0.0 = 0.18 W/kg

SAR - Z Axis
at Hotspot x:74.0 y:-11.0



1g SAR Values





SAR Data Report 04102116

Start : 21-Oct-04 11:19:38 pm
End : 21-Oct-04 11:25:52 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 848.80 MHz
Transmit Pwr : 0.800 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-LEFT
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 40.230
Tissue Conductivity : 0.920
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.240
Calibrated Conductivity : 0.900
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 5.600
Probe Sensitivity : 2.809 3.327 3.274 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM Mode CH-251
Cheek
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.064
Reading @ End = 0.068
Power at End = 105.1%

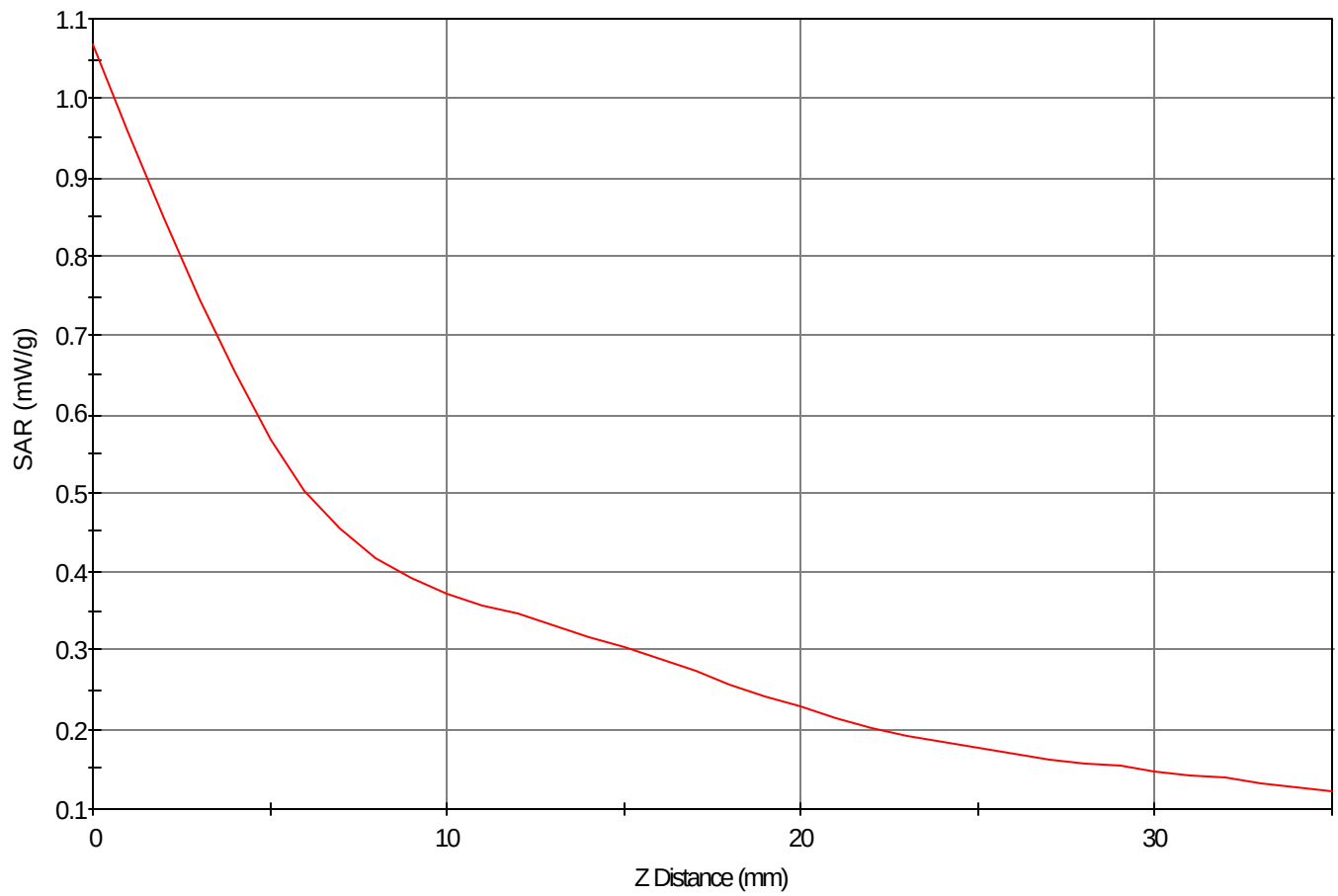
Area Scan - Max Peak SAR Value at x=81.0 y=-18.0 = 0.54 W/kg

Zoom Scan - Max Peak SAR Value at x=72.0 y=-19.0 z=0.0 = 1.07 W/kg

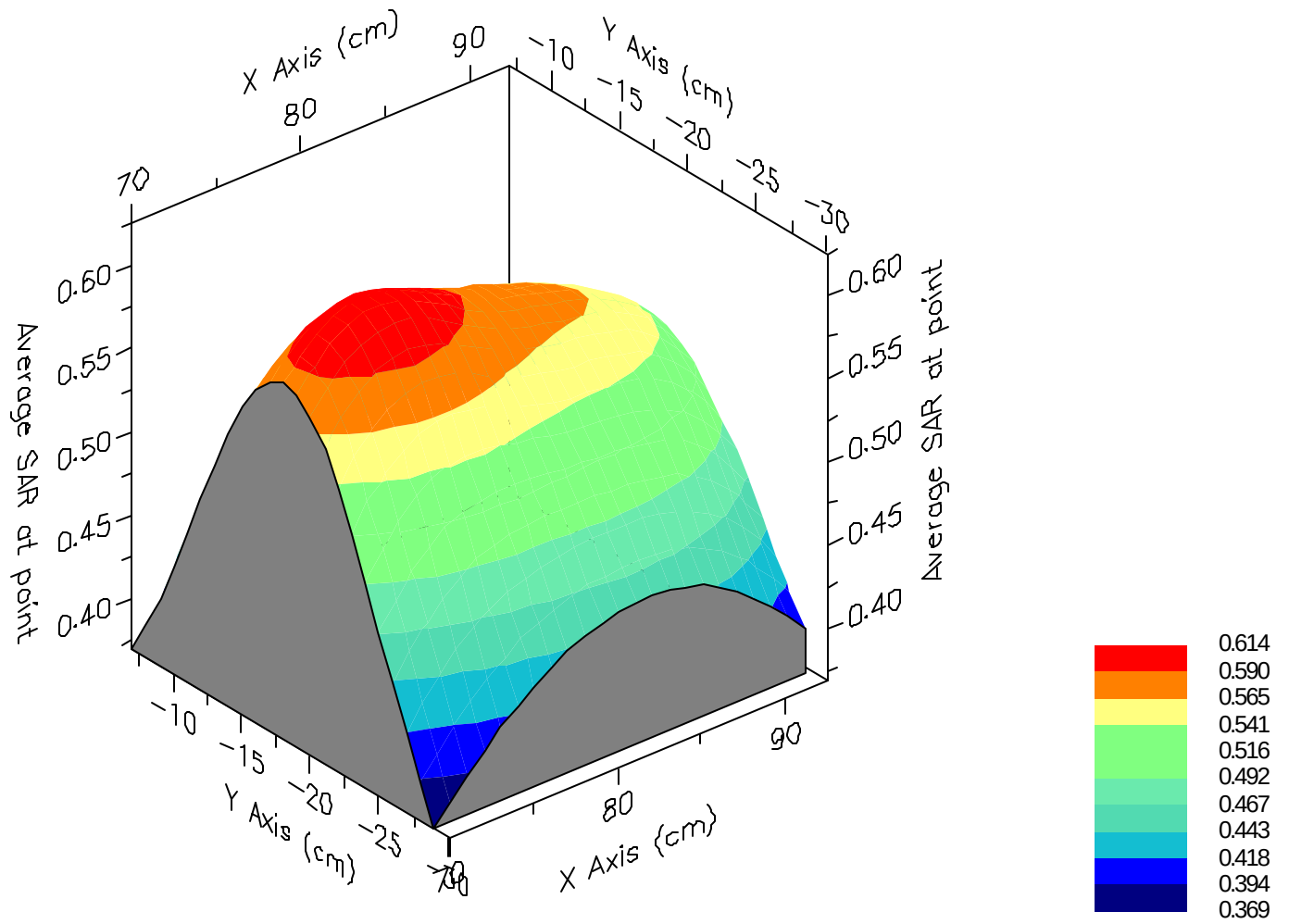
Max 1g SAR at x=75.0 y=-18.0 z=0.0 = 0.61 W/kg

Max 10g SAR at x=81.0 y=-18.0 z=0.0 = 0.40 W/kg

SAR - Z Axis
at Hotspot x:72.0 y:-19.0



1g SAR Values





SAR Data Report 04102115

Start : 21-Oct-04 11:12:07 pm
End : 21-Oct-04 11:18:31 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 836.60 MHz
Transmit Pwr : 0.800 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-LEFT
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 40.230
Tissue Conductivity : 0.920
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.240
Calibrated Conductivity : 0.900
Calibrated Density : 1.300
Probe Offset : 2.400 mm
Conversion Factor : 5.600
Probe Sensitivity : 2.809 3.327 3.274 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM Mode CH-190
Tilt
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.346
Reading @ End = 0.274
Power at End = 79.1%

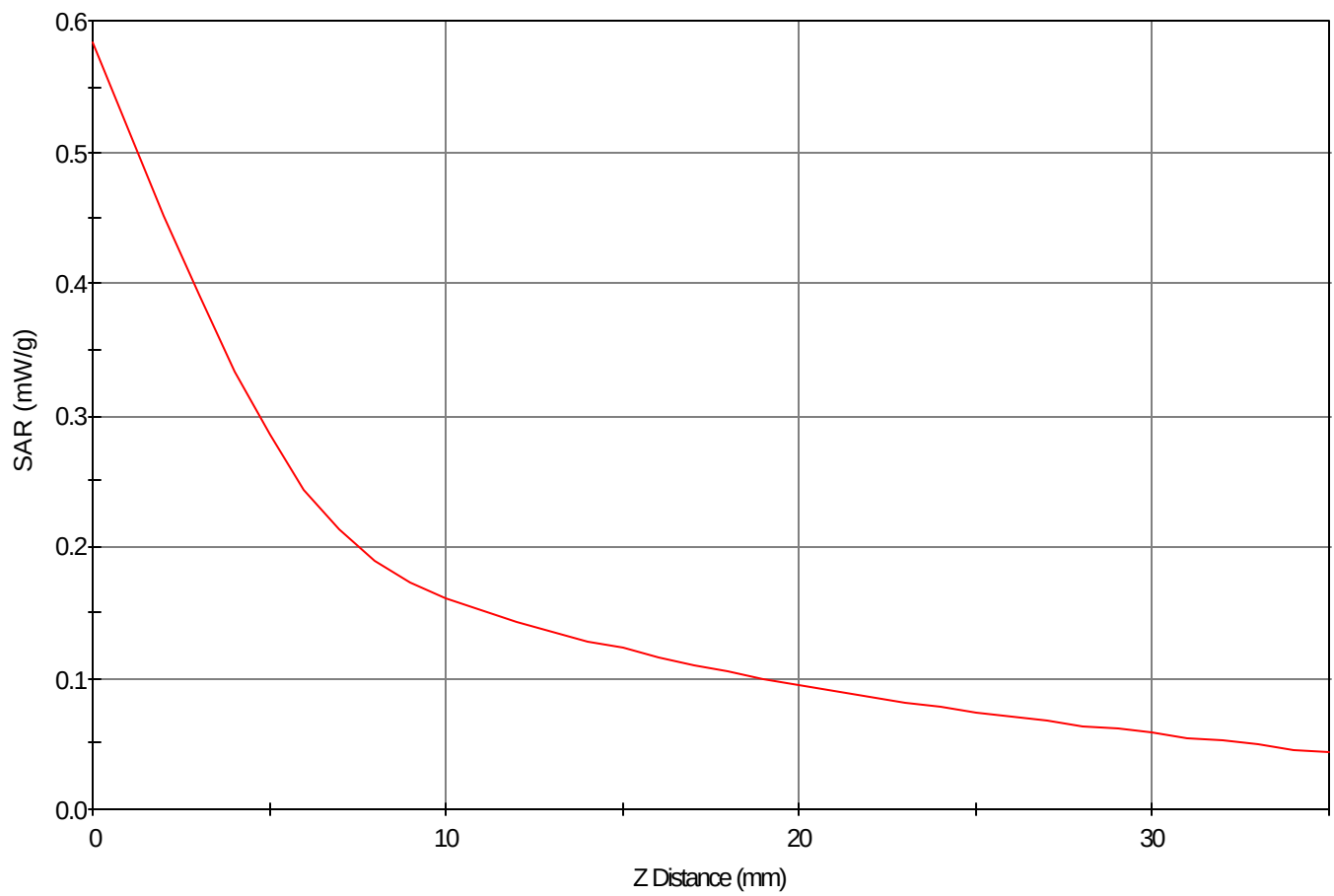
Area Scan - Max Peak SAR Value at x=45.0 y=-13.0 = 0.28 W/kg

Zoom Scan - Max Peak SAR Value at x=41.0 y=-20.0 z=0.0 = 0.58 W/kg

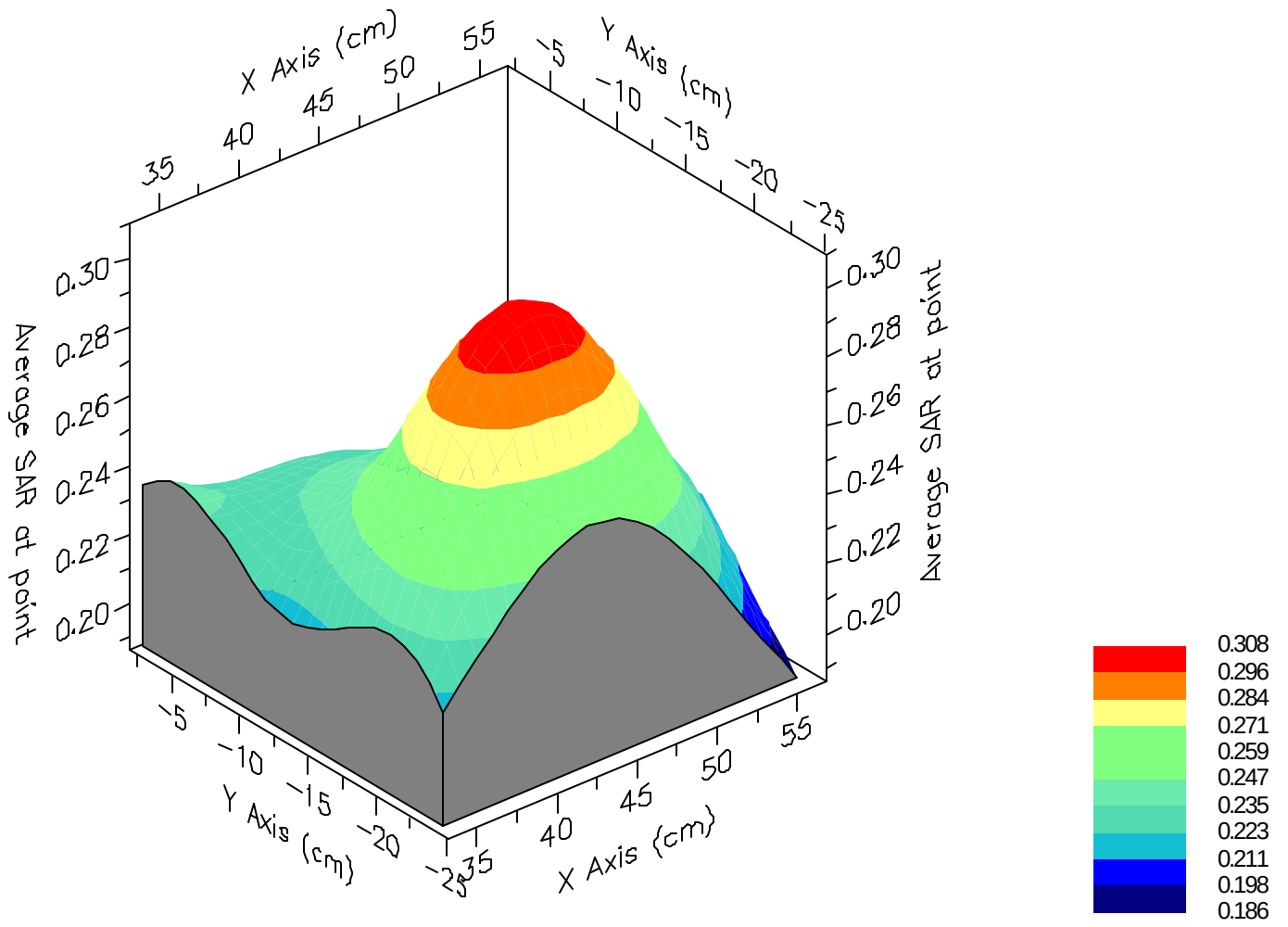
Max 1g SAR at x=43.0 y=-19.0 z=0.0 = 0.31 W/kg

Max 10g SAR at x=44.0 y=-14.0 z=0.0 = 0.19 W/kg

SAR - Z Axis
at Hotspot x:41.0 y:-20.0



1g SAR Values





SAR Data Report 04102602

Start : 26-Oct-04 10:16:03 am
End : 26-Oct-04 10:22:40 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 1909.80 MHz
Transmit Pwr : 0.800 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-RIGHT
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 41.550
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 41.890
Calibrated Conductivity : 1.390
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.770
Probe Sensitivity : 3.331 3.804 3.975 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM PCS Mode CH-810
Cheek
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.048
Reading @ End = 0.047
Power at End = 97.0%

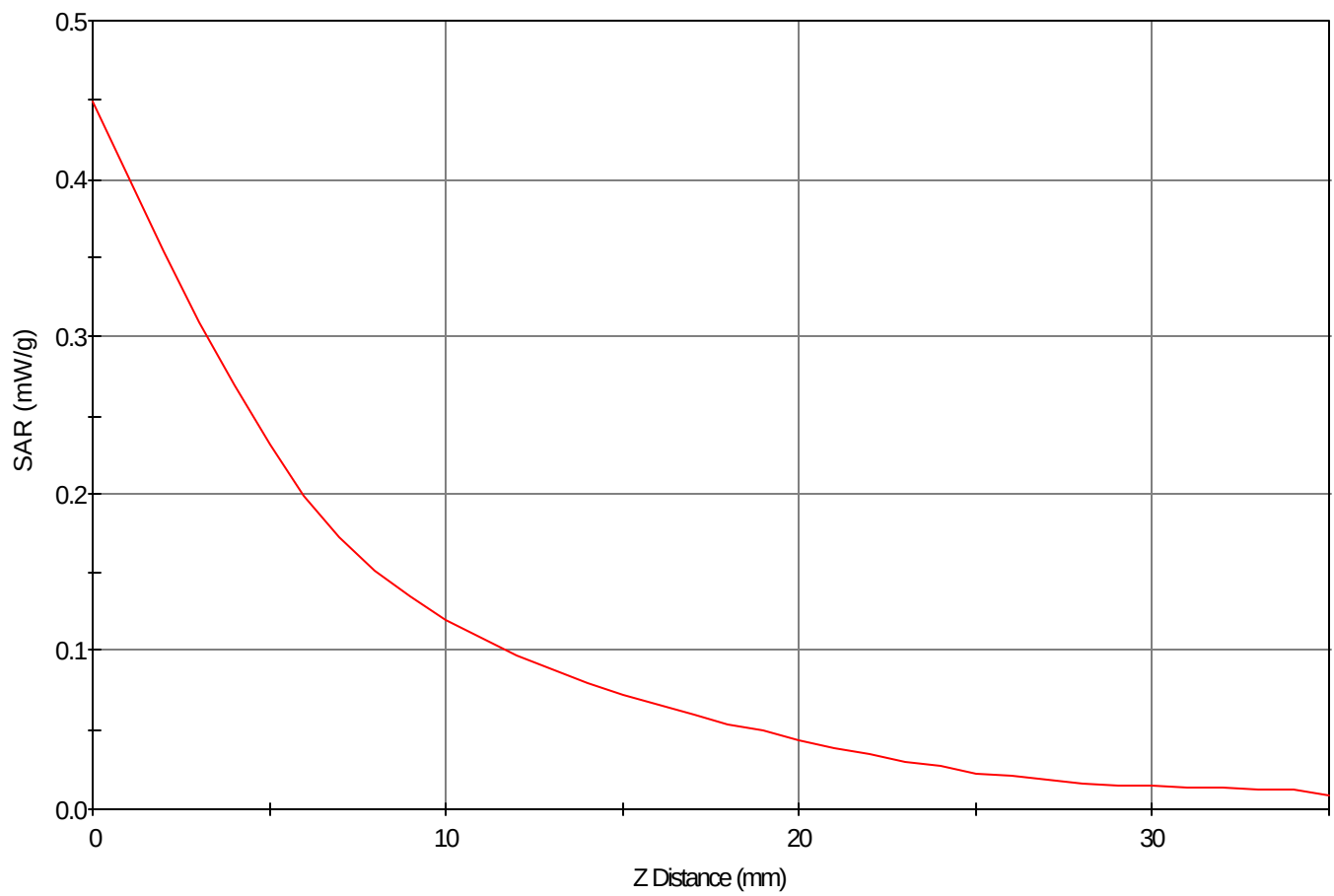
Area Scan - Max Peak SAR Value at x=59.0 y=-1.0 = 0.22 W/kg

Zoom Scan - Max Peak SAR Value at x=75.0 y=-10.0 z=0.0 = 0.45 W/kg

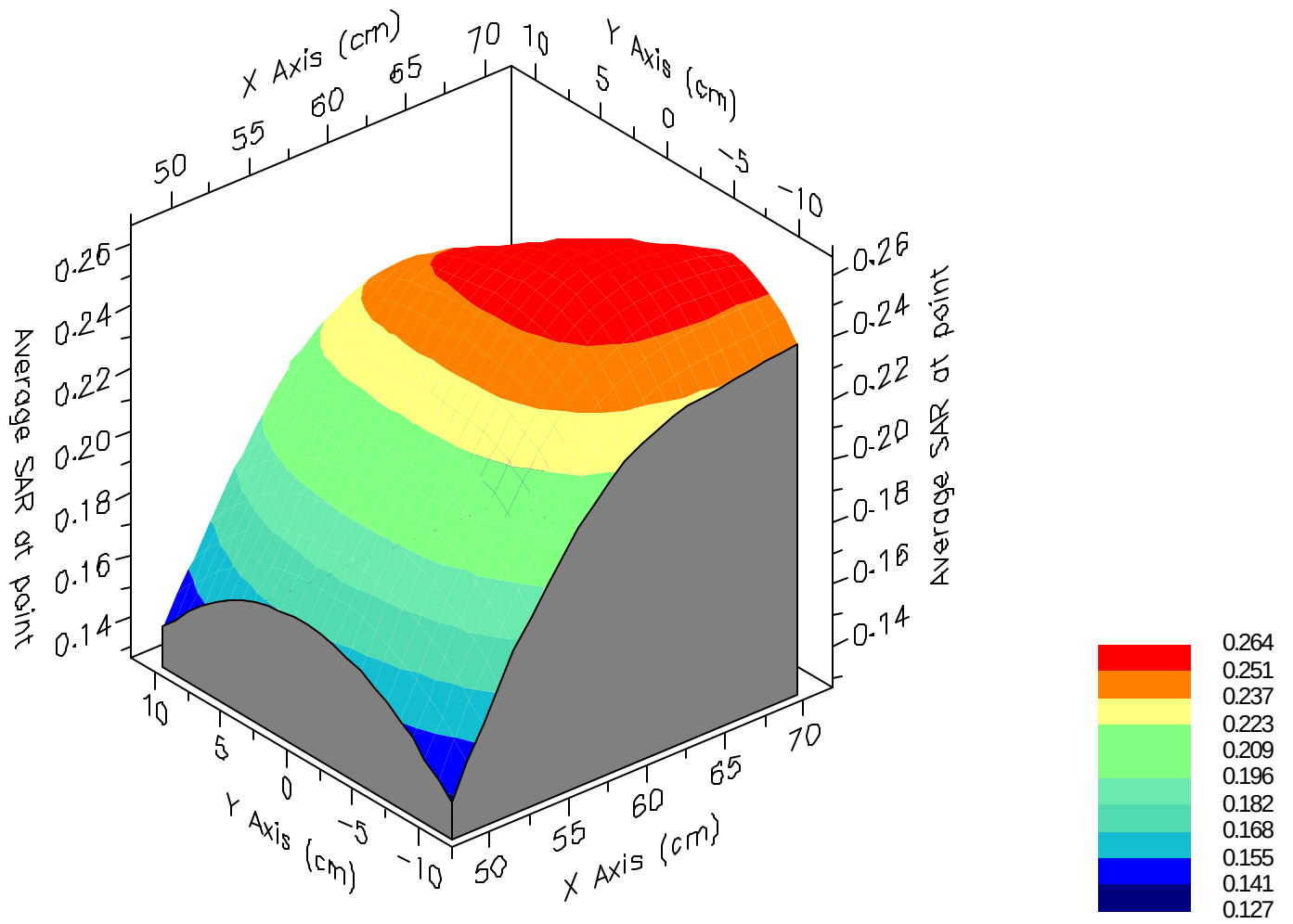
Max 1g SAR at x=64.0 y=-5.0 z=0.0 = 0.26 W/kg

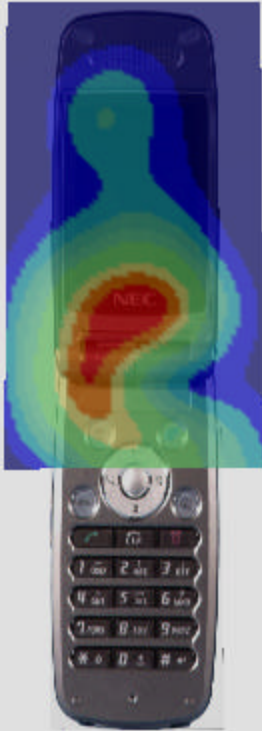
Max 10g SAR at x=62.0 y=-4.0 z=0.0 = 0.15 W/kg

SAR - Z Axis
at Hotspot x:75.0 y:-10.0



1g SAR Values





SAR Data Report 04102605

Start : 26-Oct-04 10:54:43 am
End : 26-Oct-04 11:01:22 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 1880.00 MHz
Transmit Pwr : 1.000 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-RIGHT
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 41.550
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 41.890
Calibrated Conductivity : 1.390
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.770
Probe Sensitivity : 3.331 3.804 3.975 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM PCS Mode CH-661
Tilt
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.056
Reading @ End = 0.057
Power at End = 102.1%

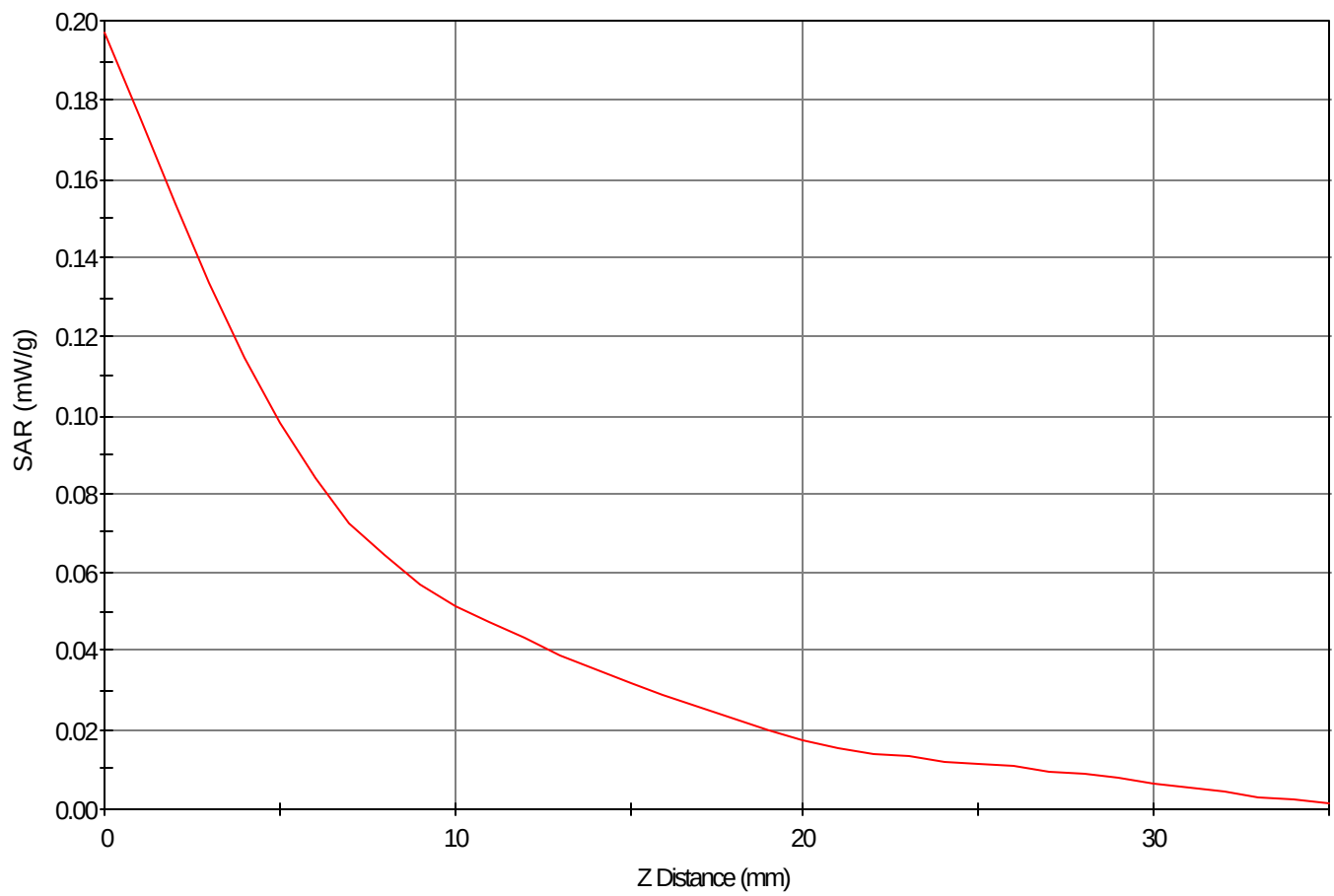
Area Scan - Max Peak SAR Value at x=59.0 y=-13.0 = 0.10 W/kg

Zoom Scan - Max Peak SAR Value at x=59.0 y=-20.0 z=0.0 = 0.20 W/kg

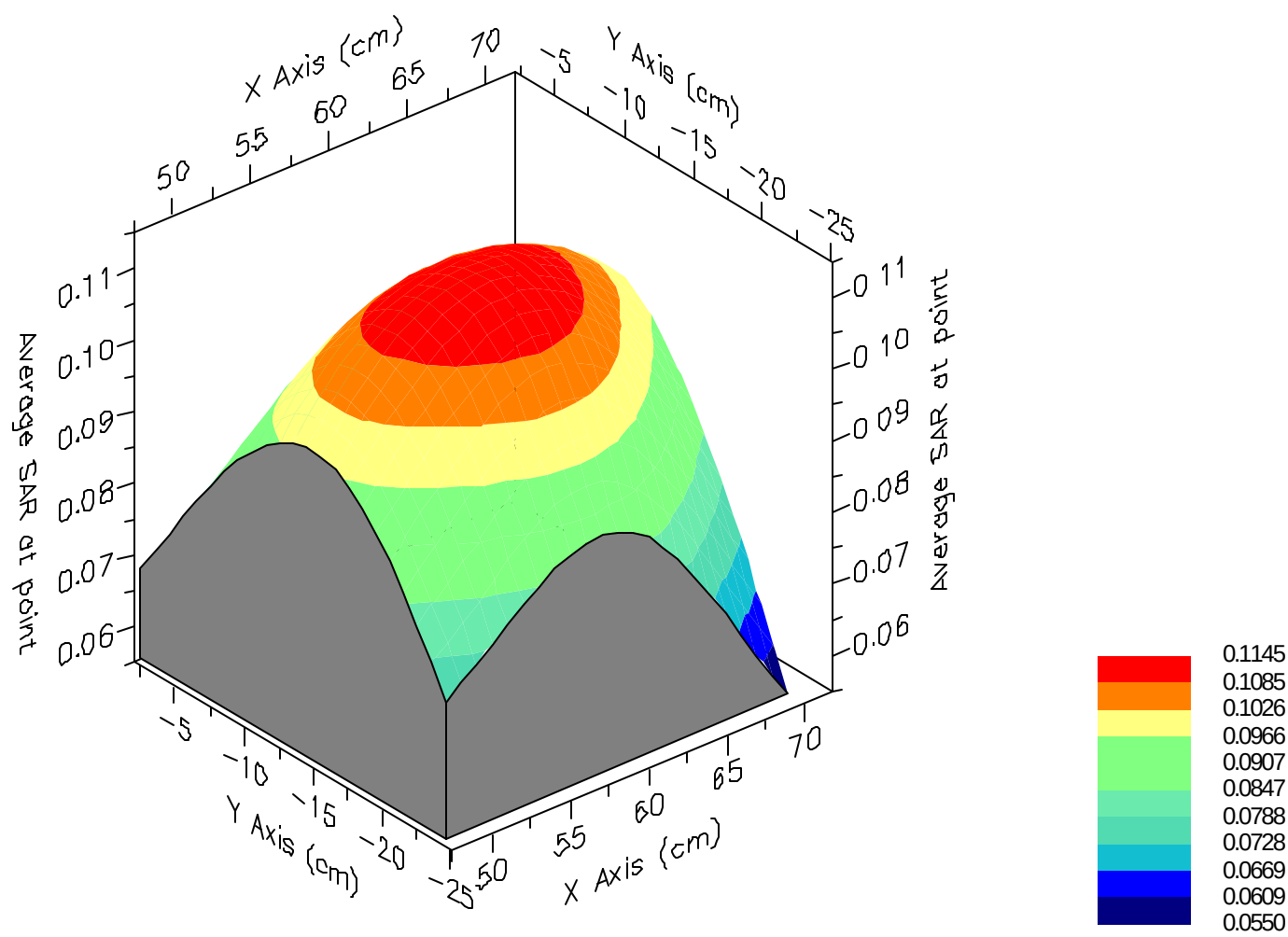
Max 1g SAR at x=58.0 y=-15.0 z=0.0 = 0.11 W/kg

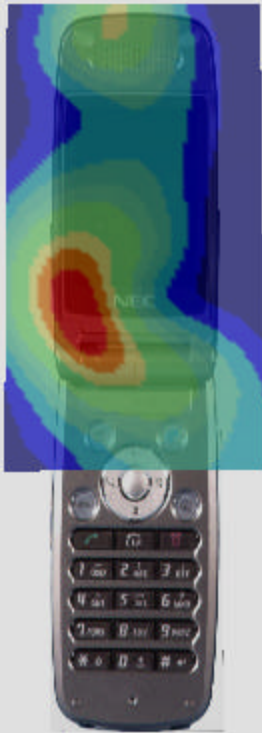
Max 10g SAR at x=58.0 y=-13.0 z=0.0 = 0.06 W/kg

SAR - Z Axis
at Hotspot x:59.0 y:-20.0



1g SAR Values





SAR Data Report 04102609

Start : 26-Oct-04 11:46:00 am
End : 26-Oct-04 11:52:59 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 1909.80 MHz
Transmit Pwr : 1.000 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-LEFT
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 41.550
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 41.890
Calibrated Conductivity : 1.390
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.770
Probe Sensitivity : 3.331 3.804 3.975 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM PCS Mode CH-810
Cheek
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.057
Reading @ End = 0.060
Power at End = 104.6%

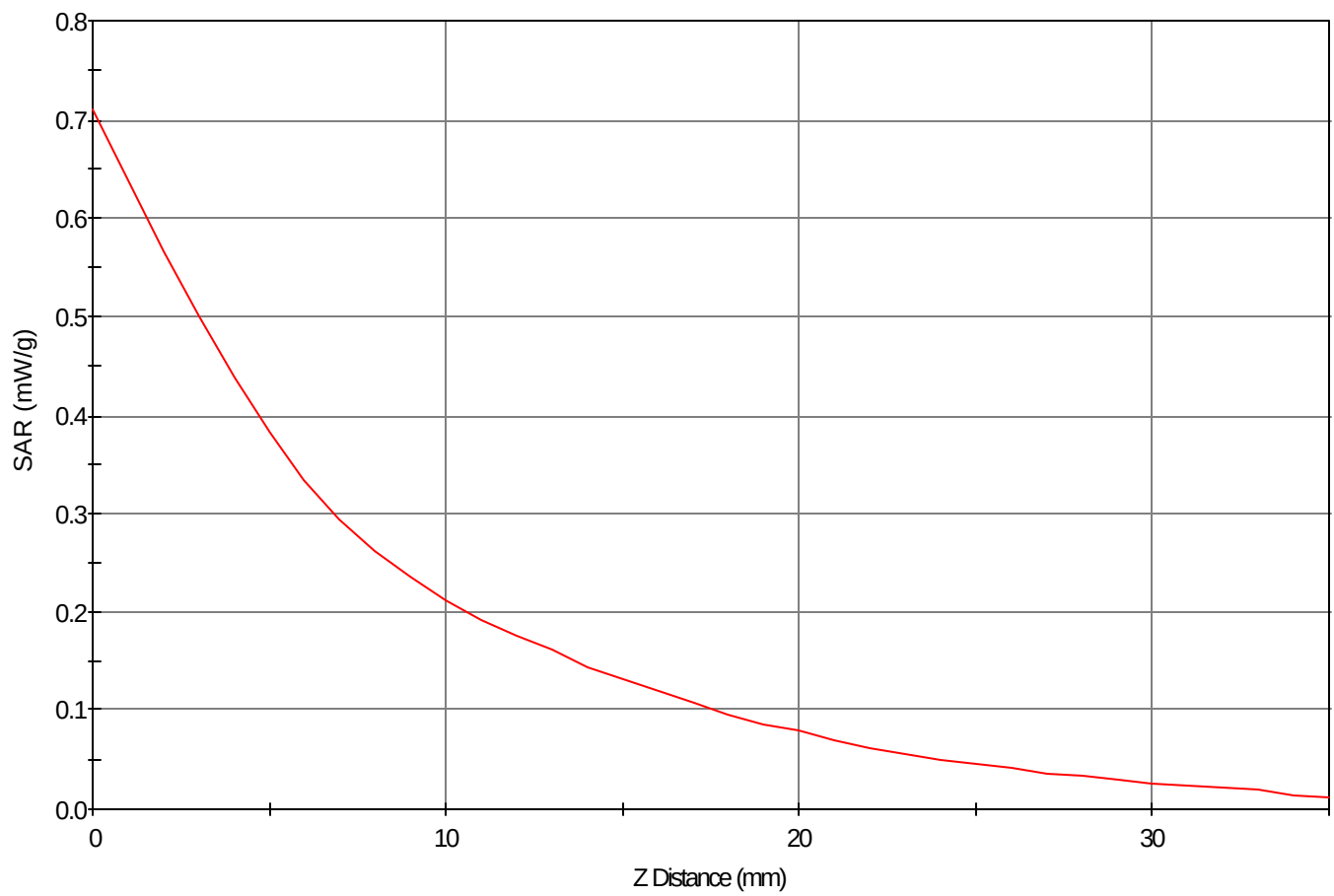
Area Scan - Max Peak SAR Value at x=73.0 y=-18.0 = 0.32 W/kg

Zoom Scan - Max Peak SAR Value at x=74.0 y=-17.0 z=0.0 = 0.71 W/kg

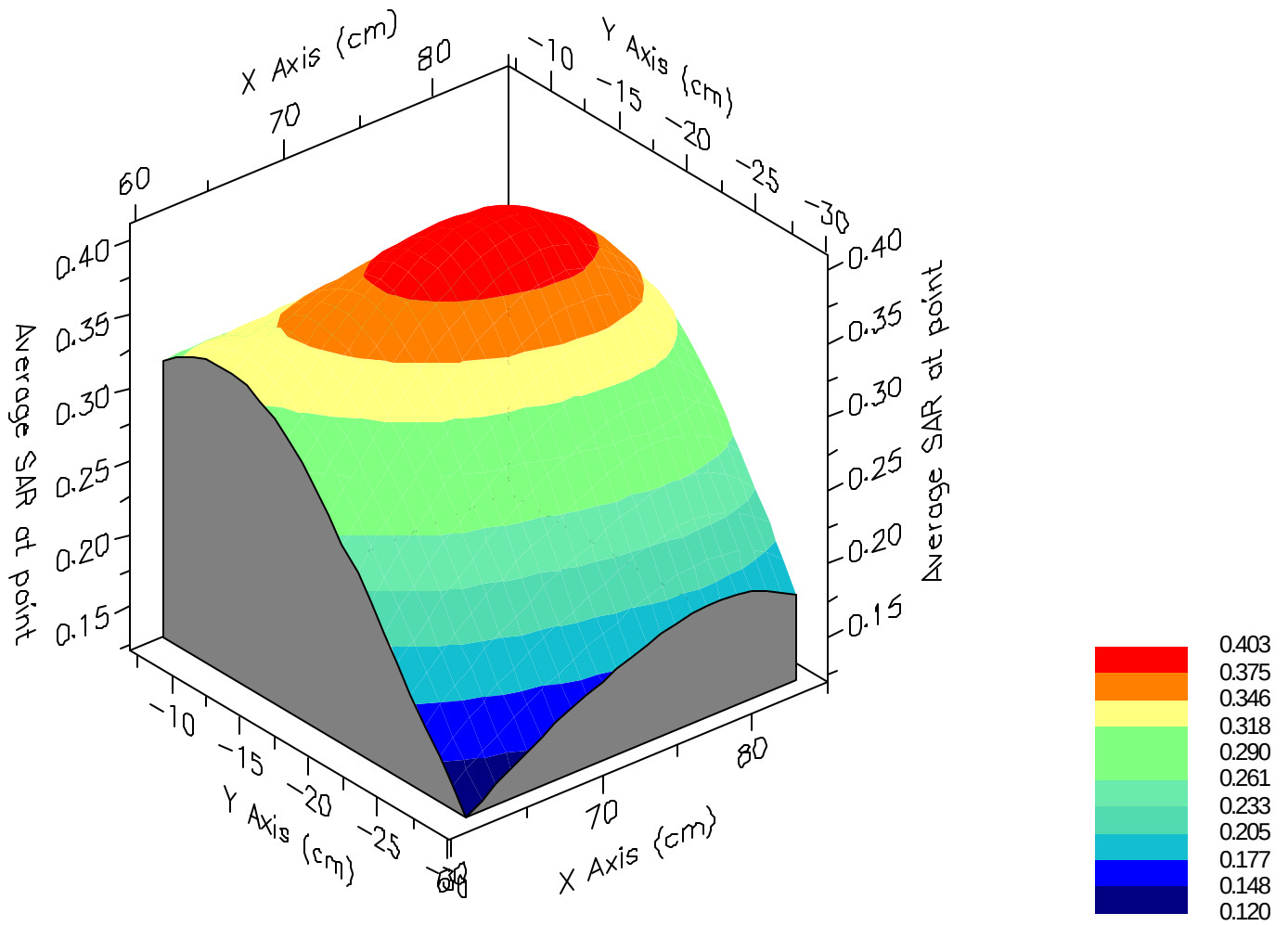
Max 1g SAR at x=75.0 y=-17.0 z=0.0 = 0.40 W/kg

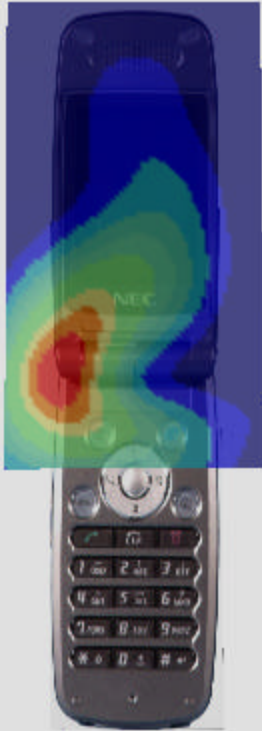
Max 10g SAR at x=74.0 y=-16.0 z=0.0 = 0.21 W/kg

SAR - Z Axis
at Hotspot x:74.0 y:-17.0



1g SAR Values





SAR Data Report 04102606

Start : 26-Oct-04 11:22:20 am
End : 26-Oct-04 11:29:33 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 1880.00 MHz
Transmit Pwr : 1.000 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM-LEFT
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 41.550
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 41.890
Calibrated Conductivity : 1.390
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.770
Probe Sensitivity : 3.331 3.804 3.975 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GSM PCS Mode CH-661
Tilt
CF=8; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.068
Reading @ End = 0.066
Power at End = 98.0%

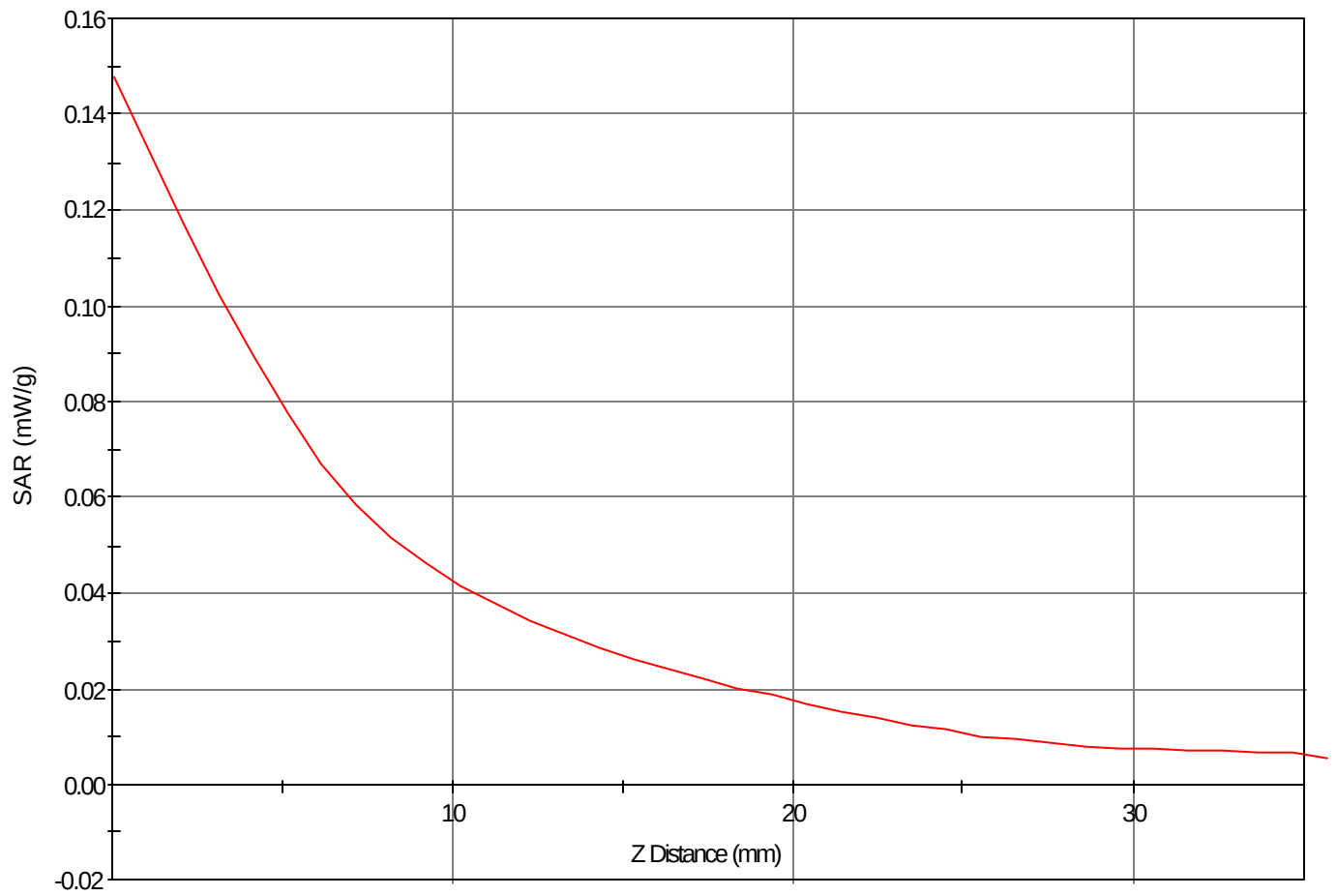
Area Scan - Max Peak SAR Value at x=-15.0 y=3.0 = 0.12 W/kg

Zoom Scan - Max Peak SAR Value at x=-7.0 y=-13.0 z=0.0 = 0.15 W/kg

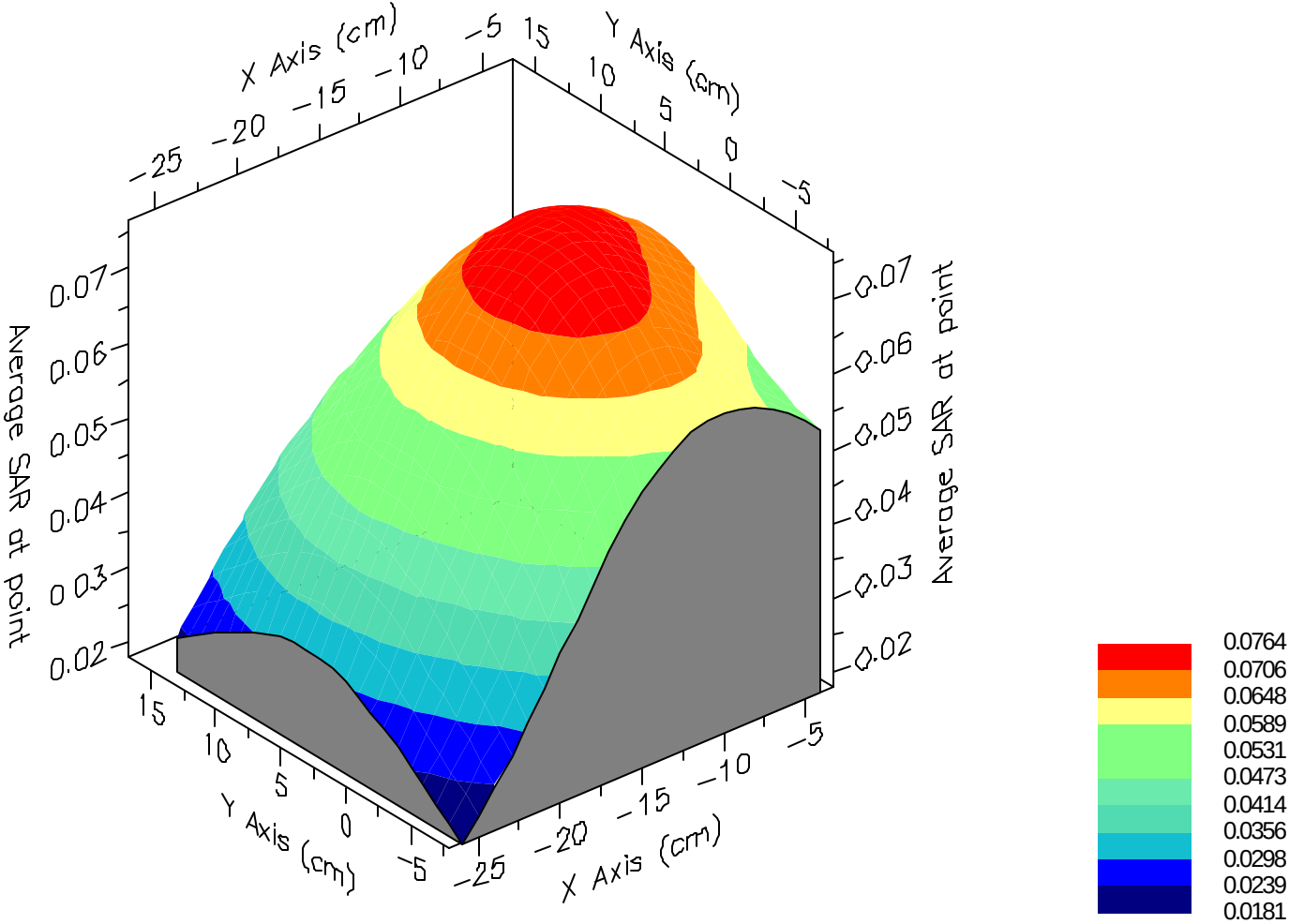
Max 1g SAR at x=-12.0 y=2.0 z=0.0 = 0.08 W/kg

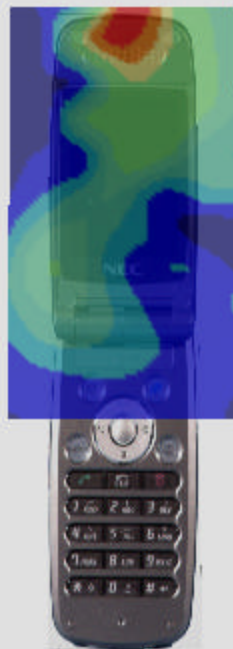
Max 10g SAR at x=-10.0 y=2.0 z=0.0 = 0.04 W/kg

SAR - Z Axis
at Hotspot x:-7.0 y:-13.0



1g SAR Values





SAR Data Report 04102108

Start : 21-Oct-04 09:52:09 pm
End : 21-Oct-04 09:59:32 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 848.80 MHz
Transmit Pwr : 2.000 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 53.310
Tissue Conductivity : 1.550
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Muscle
Calibrated Dielectric : 51.770
Calibrated Conductivity : 1.580
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 6.300
Probe Sensitivity : 3.331 3.804 3.975 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GPRS Mode CH-251
BODY
CF=4; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.640
Reading @ End = 0.648
Power at End = 101.2%

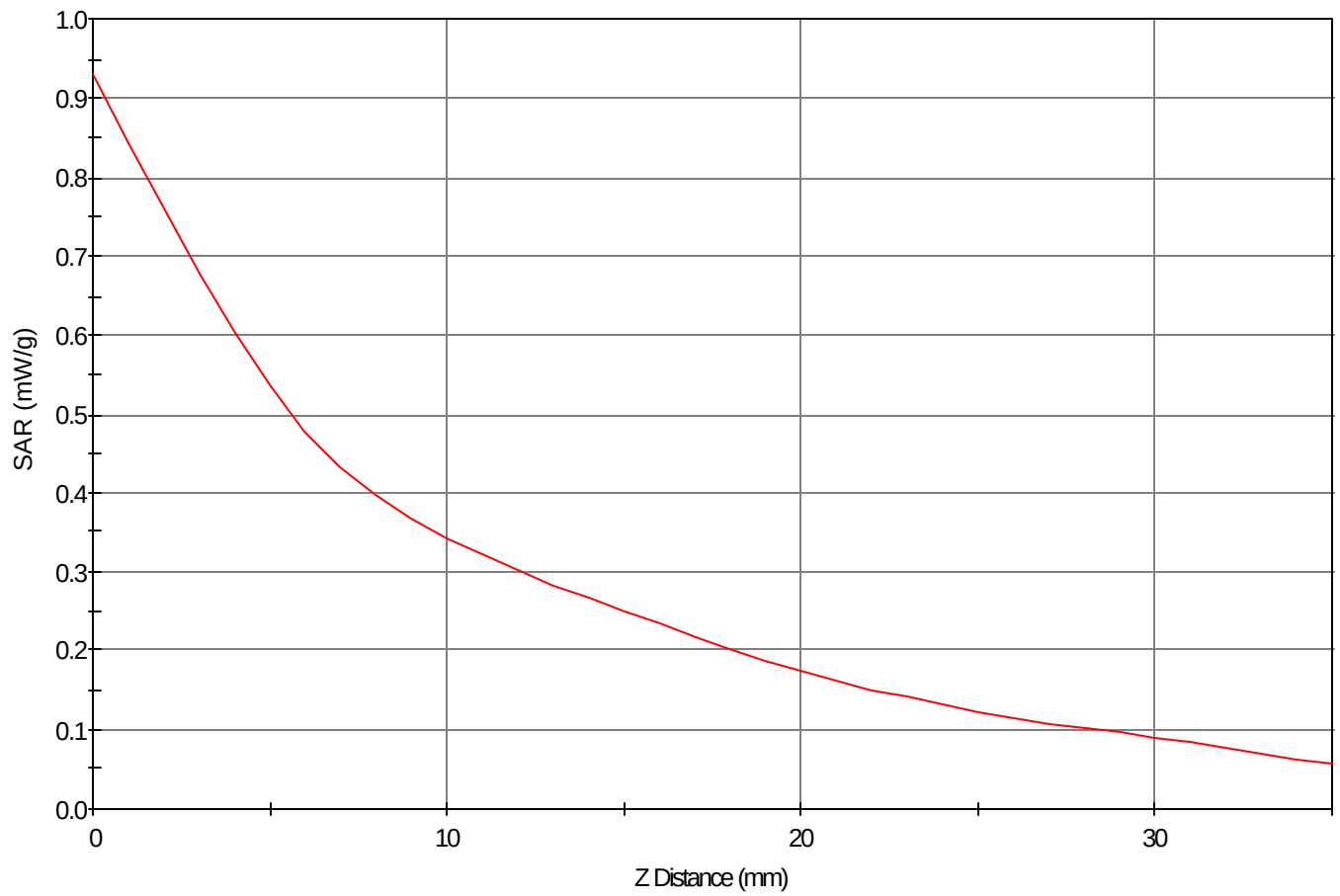
Area Scan - Max Peak SAR Value at x=-8.0 y=-13.0 = 0.63 W/kg

Zoom Scan - Max Peak SAR Value at x=-8.0 y=-20.0 z=0.0 = 0.93 W/kg

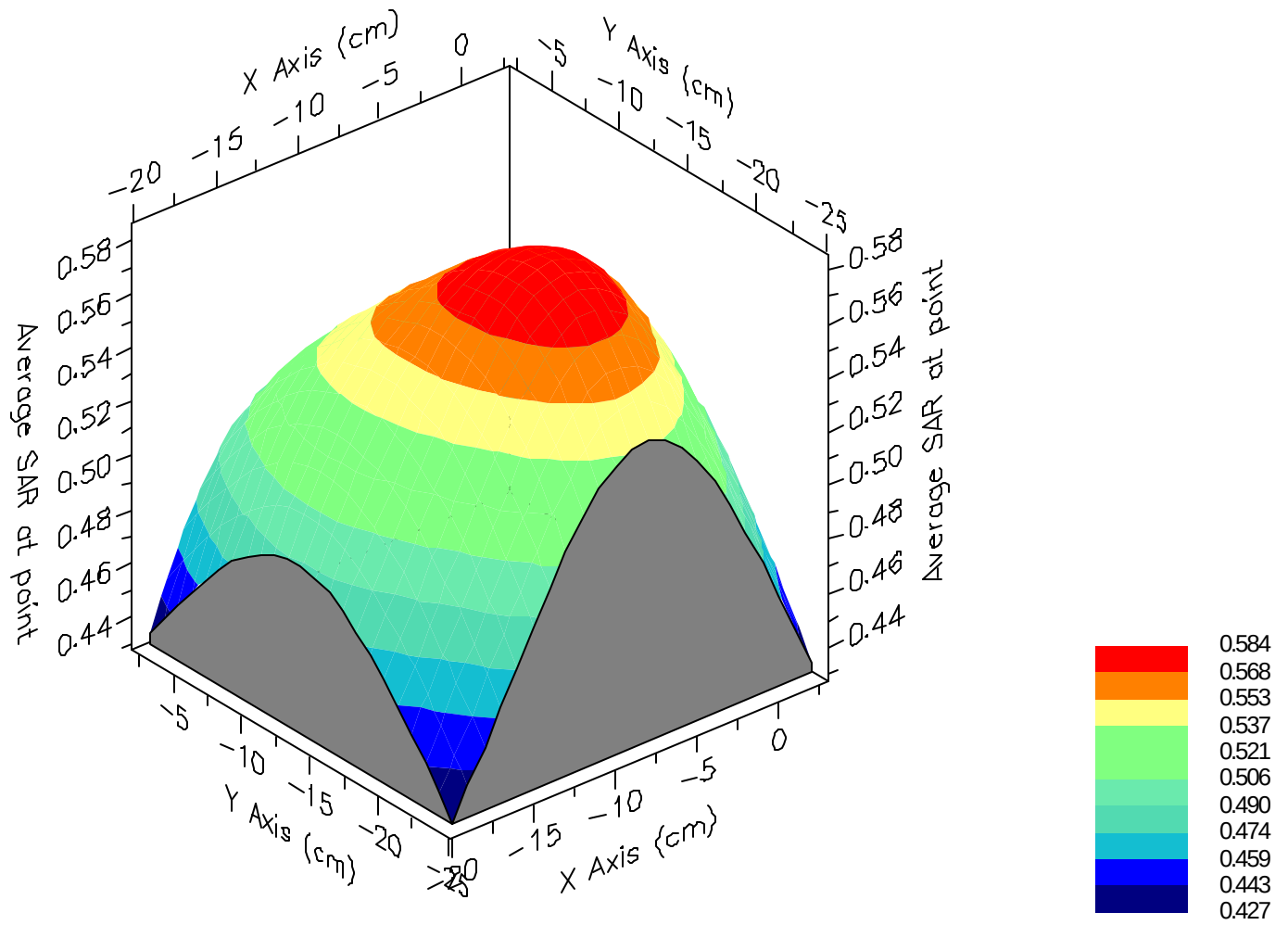
Max 1g SAR at x=-7.0 y=-17.0 z=0.0 = 0.58 W/kg

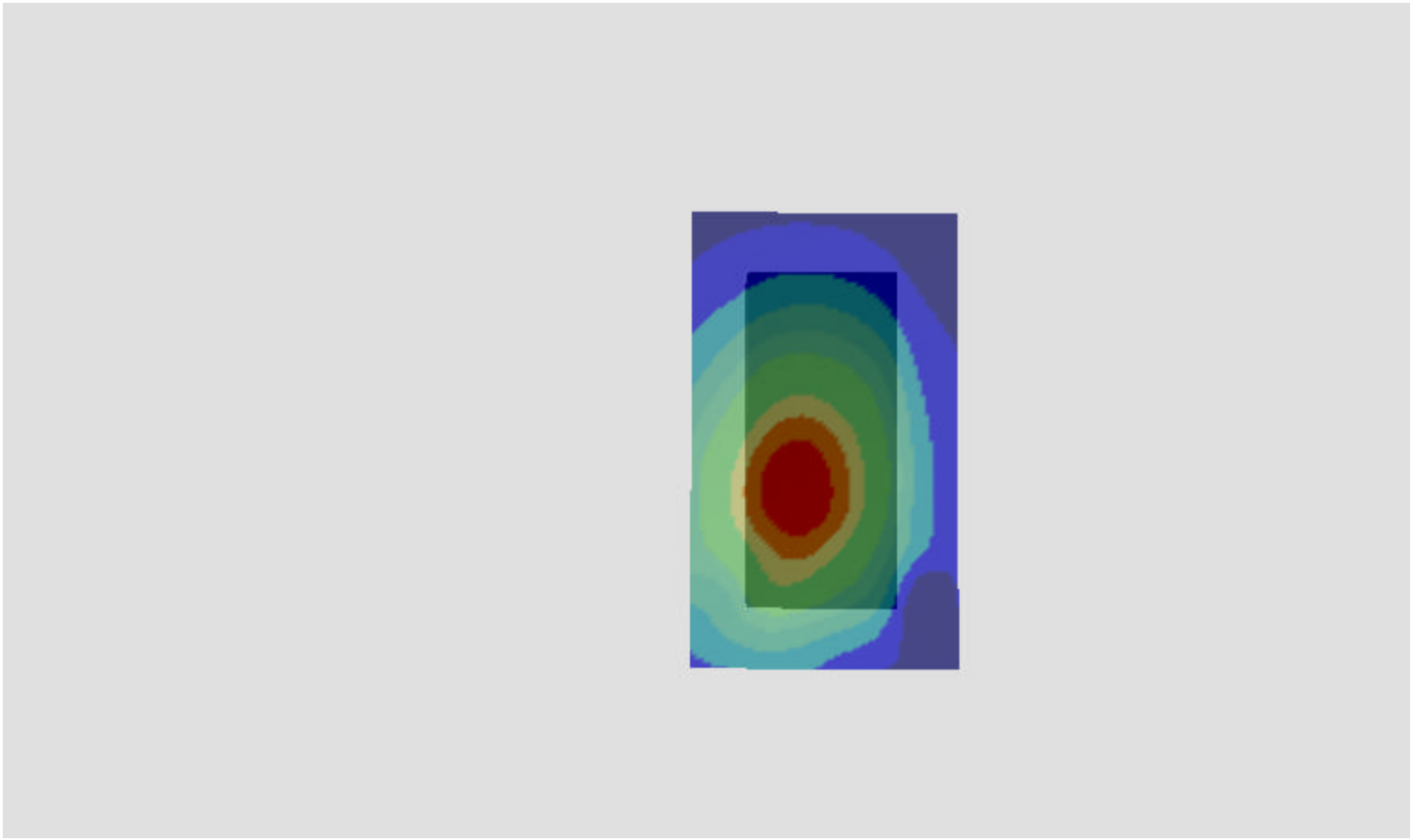
Max 10g SAR at x=-7.0 y=-12.0 z=0.0 = 0.38 W/kg

SAR - Z Axis
at Hotspot x:-8.0 y:-20.0



1g SAR Values





SAR Data Report 04102208

Start : 22-Oct-04 05:04:47 pm
End : 22-Oct-04 05:11:40 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : NEC
Model Number : N840
Serial Number : 869207
Frequency : 1909.80 MHz
Transmit Pwr : 1.000 W
Antenna Type : Helical
Antenna Posn. : Internal

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 53.120
Tissue Conductivity : 1.550
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT003
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Muscle
Calibrated Dielectric : 51.770
Calibrated Conductivity : 1.580
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 6.300
Probe Sensitivity : 3.331 3.804 3.975 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

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

Comments:

GPRS Mode CH-810
Body
CF=4; Amb. Temp= 22.1 'C; Liq. Temp=20.1 'C

Power Drop Test:

Reading @ start = 0.121
Reading @ End = 0.123
Power at End = 101.3%

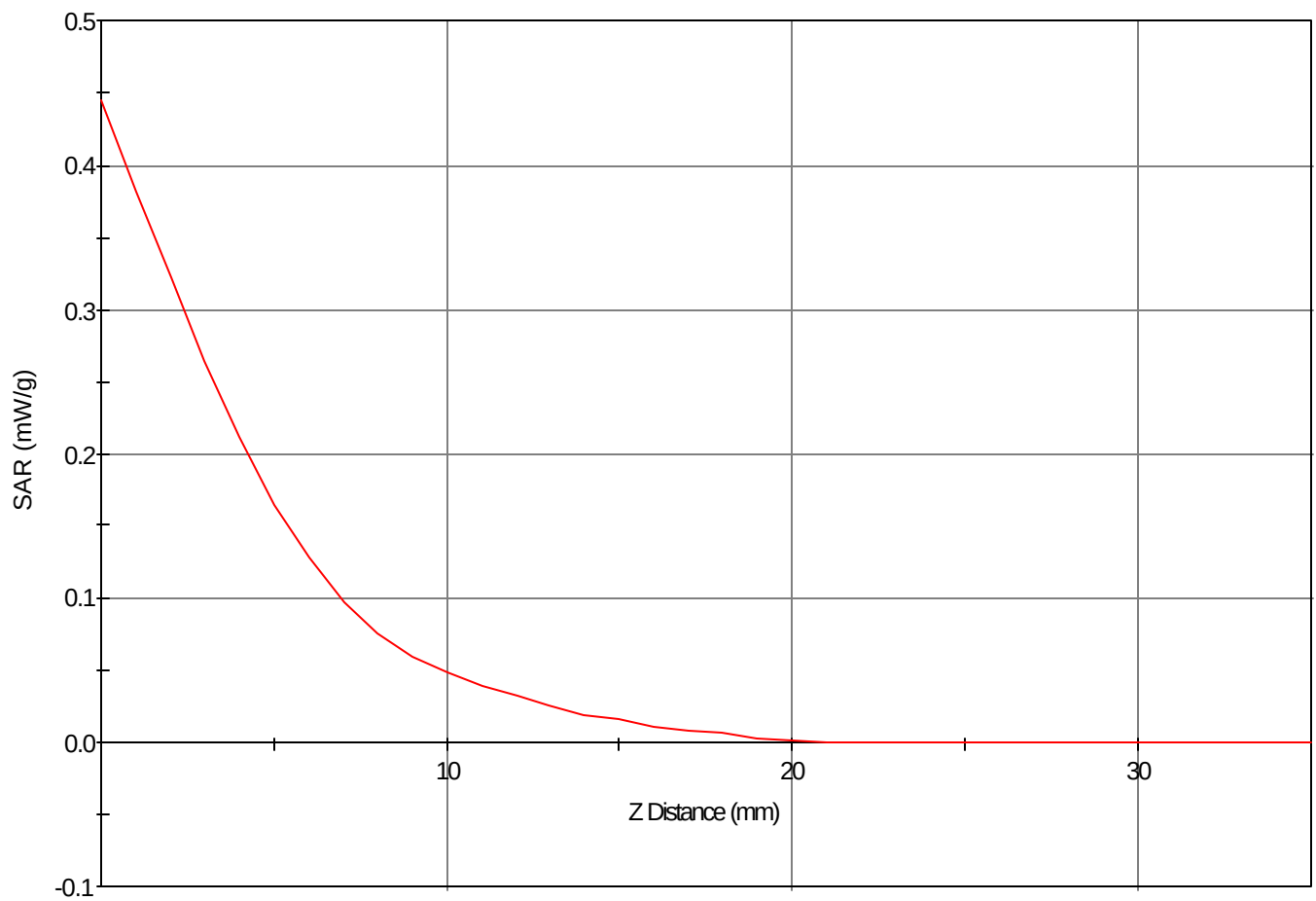
Area Scan - Max Peak SAR Value at x=2.0 y=21.0 = 0.16 W/kg

Zoom Scan - Max Peak SAR Value at x=-6.0 y=15.0 z=0.0 = 0.44 W/kg

Max 1g SAR at x=-3.0 y=21.0 z=0.0 = 0.21 W/kg

Max 10g SAR at x=2.0 y=20.0 z=0.0 = 0.10 W/kg

SAR - Z Axis
at Hotspot x:-6.0 y:15.0



1g SAR Values

