

SAR Data Report 05041405

Start : 14-Apr-05 04:32:33 pm
End : 14-Apr-05 04:39:17 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : LG Electronics
Model Number : U8210
Serial Number : SAR #2
Frequency : 1850.2 MHz
Transmit Pwr : 1 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-RIGHT
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 41.800
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.020
Calibrated Conductivity : 1.370
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.400
Probe Sensitivity : 5.115 4.969 4.453 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-512
Right Cheek
CF=8; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 0.014
Reading @ End = 0.008
Power at End = 57.3%

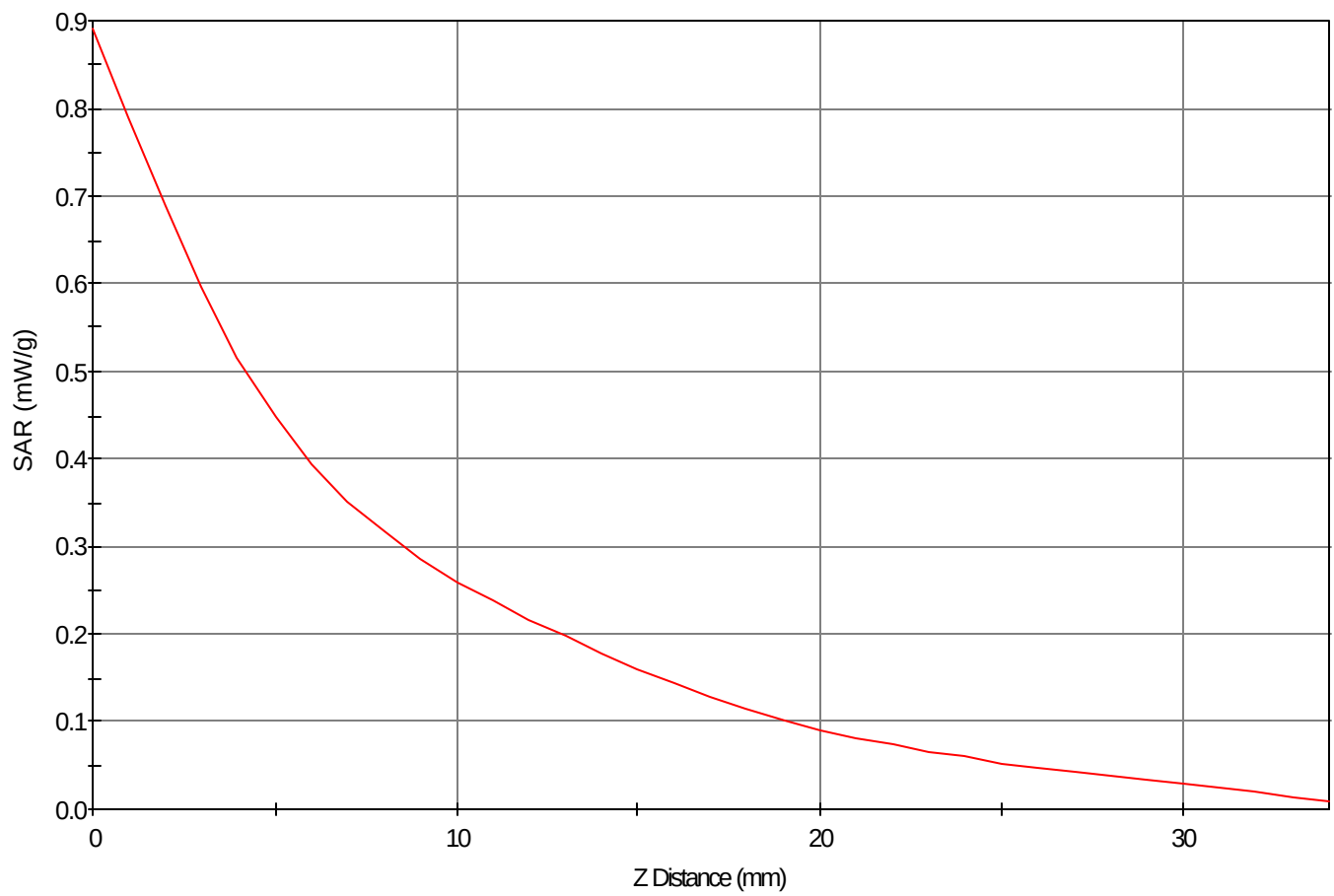
Area Scan - Max Peak SAR Value at x=67.0 y=11.0 = 0.50 W/kg

Zoom Scan - Max Peak SAR Value at x=65.0 y=11.0 z=0.0 = 0.89 W/kg

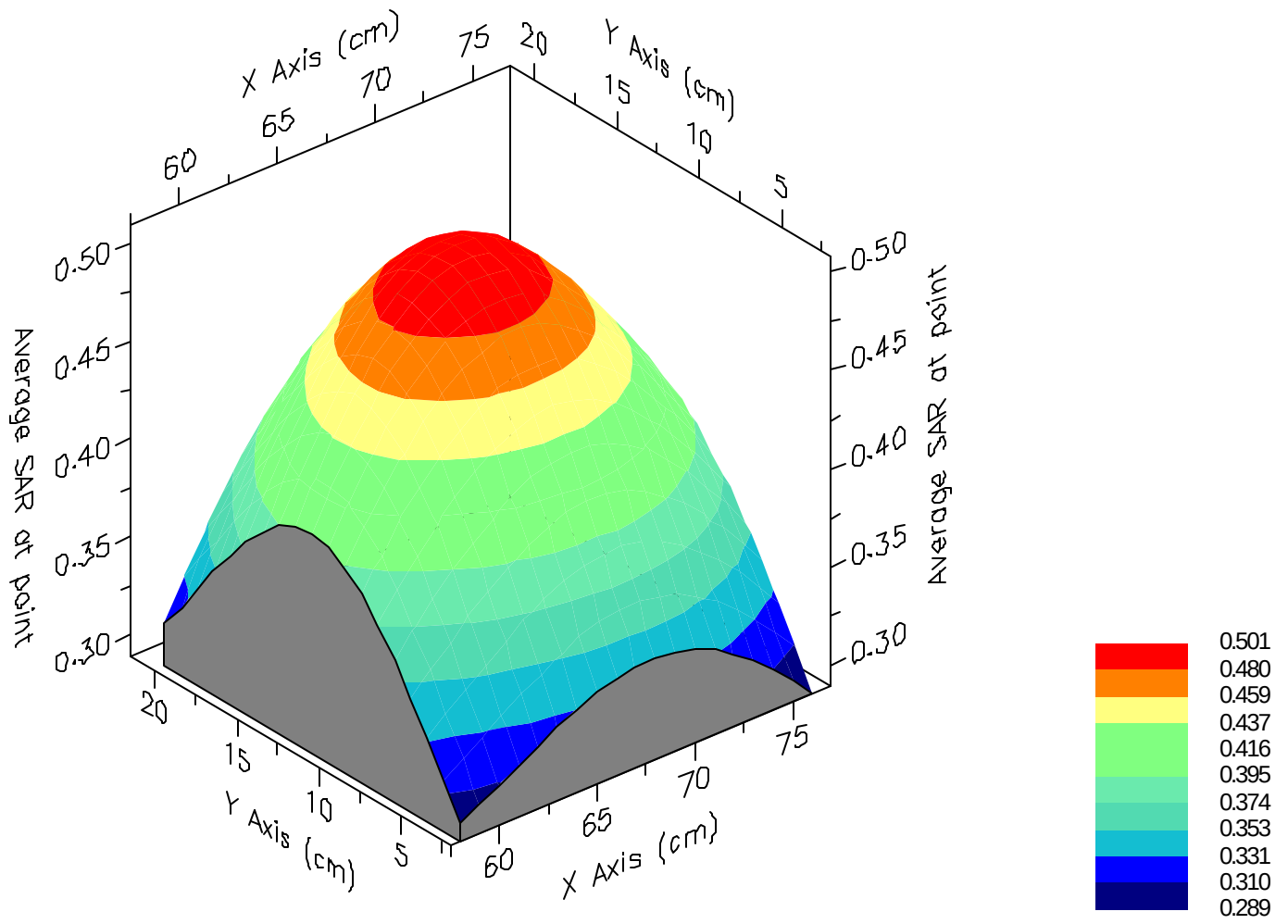
Max 1g SAR at x=67.0 y=13.0 z=0.0 = 0.50 W/kg

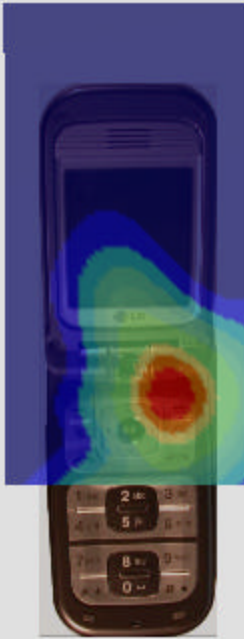
Max 10g SAR at x=67.0 y=13.0 z=0.0 = 0.26 W/kg

SAR - Z Axis
at Hotspot x:65.0 y:11.0



1g SAR Values





SAR Data Report 05041501

Start : 15-Apr-05 02:01:04 pm
End : 15-Apr-05 02:07:53 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : LG Electronics
Model Number : U8210
Serial Number : SAR #2
Frequency : 1850.2 MHz
Transmit Pwr : 1 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-RIGHT
Phantom Type : Right Ear
Tissue Type : Brain
Tissue Dielectric : 41.800
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.020
Calibrated Conductivity : 1.370
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.400
Probe Sensitivity : 5.115 4.969 4.453 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-512
Right Tilt
CF=8; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 0.020
Reading @ End = 0.026
Power at End = 126.5%

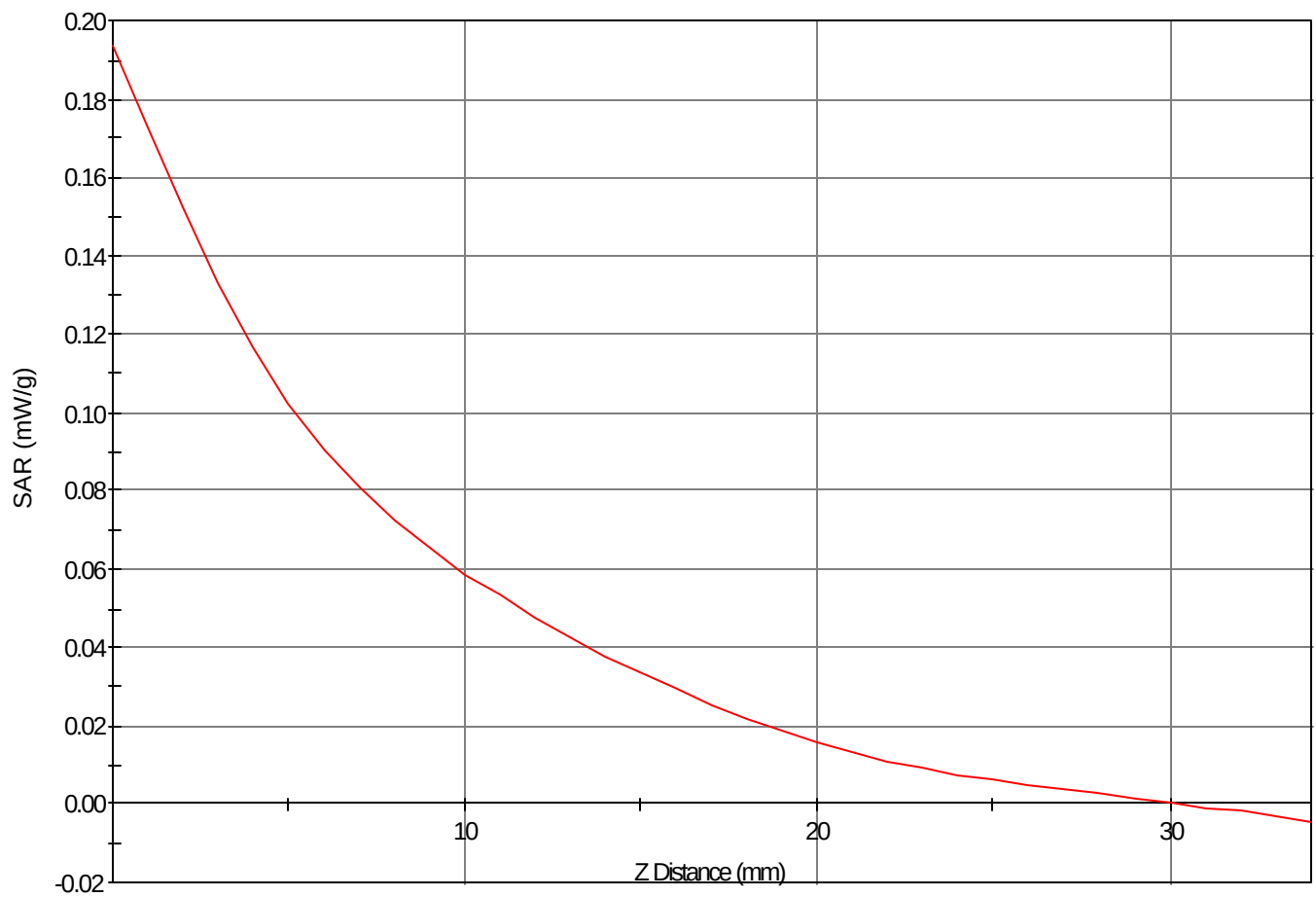
Area Scan - Max Peak SAR Value at x=62.0 y=15.0 = 0.13 W/kg

Zoom Scan - Max Peak SAR Value at x=64.0 y=20.0 z=0.0 = 0.19 W/kg

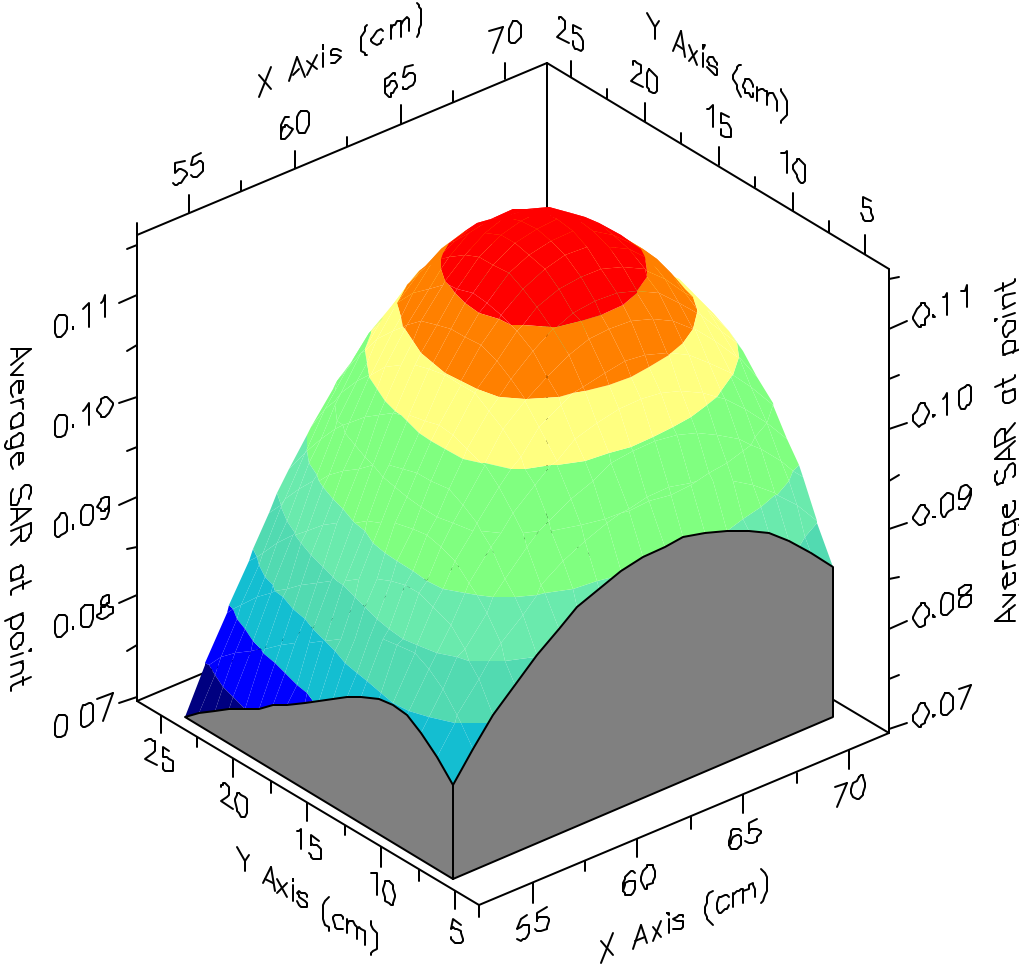
Max 1g SAR at x=64.0 y=16.0 z=0.0 = 0.12 W/kg

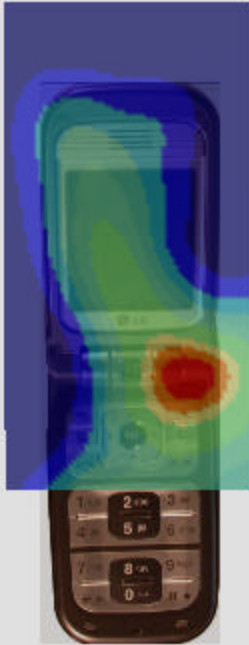
Max 10g SAR at x=64.0 y=16.0 z=0.0 = 0.06 W/kg

SAR - Z Axis
at Hotspot x:64.0 y:20.0



1g SAR Values





SAR Data Report 05041413

Start : 14-Apr-05 05:52:31 pm
End : 14-Apr-05 06:01:16 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : LG Electronics
Model Number : U8210
Serial Number : SAR #2
Frequency : 1909.8 MHz
Transmit Pwr : 1 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-LEFT
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 41.800
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.020
Calibrated Conductivity : 1.370
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.400
Probe Sensitivity : 5.115 4.969 4.453 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
Left Cheek
CF=8; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 0.011
Reading @ End = 0.011
Power at End = 92.5%

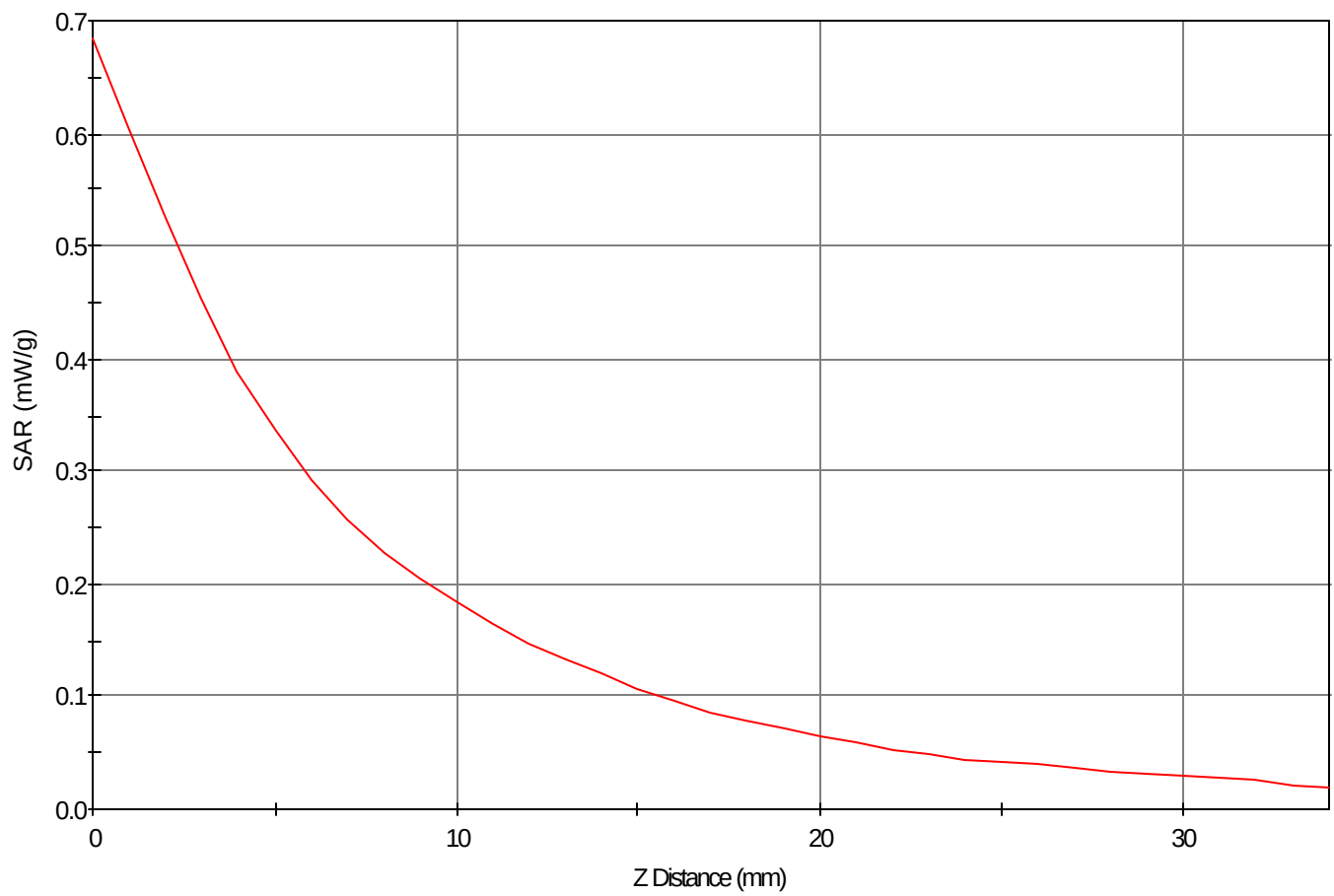
Area Scan - Max Peak SAR Value at x=67.0 y=9.0 = 0.36 W/kg

Zoom Scan - Max Peak SAR Value at x=67.0 y=9.0 z=0.0 = 0.69 W/kg

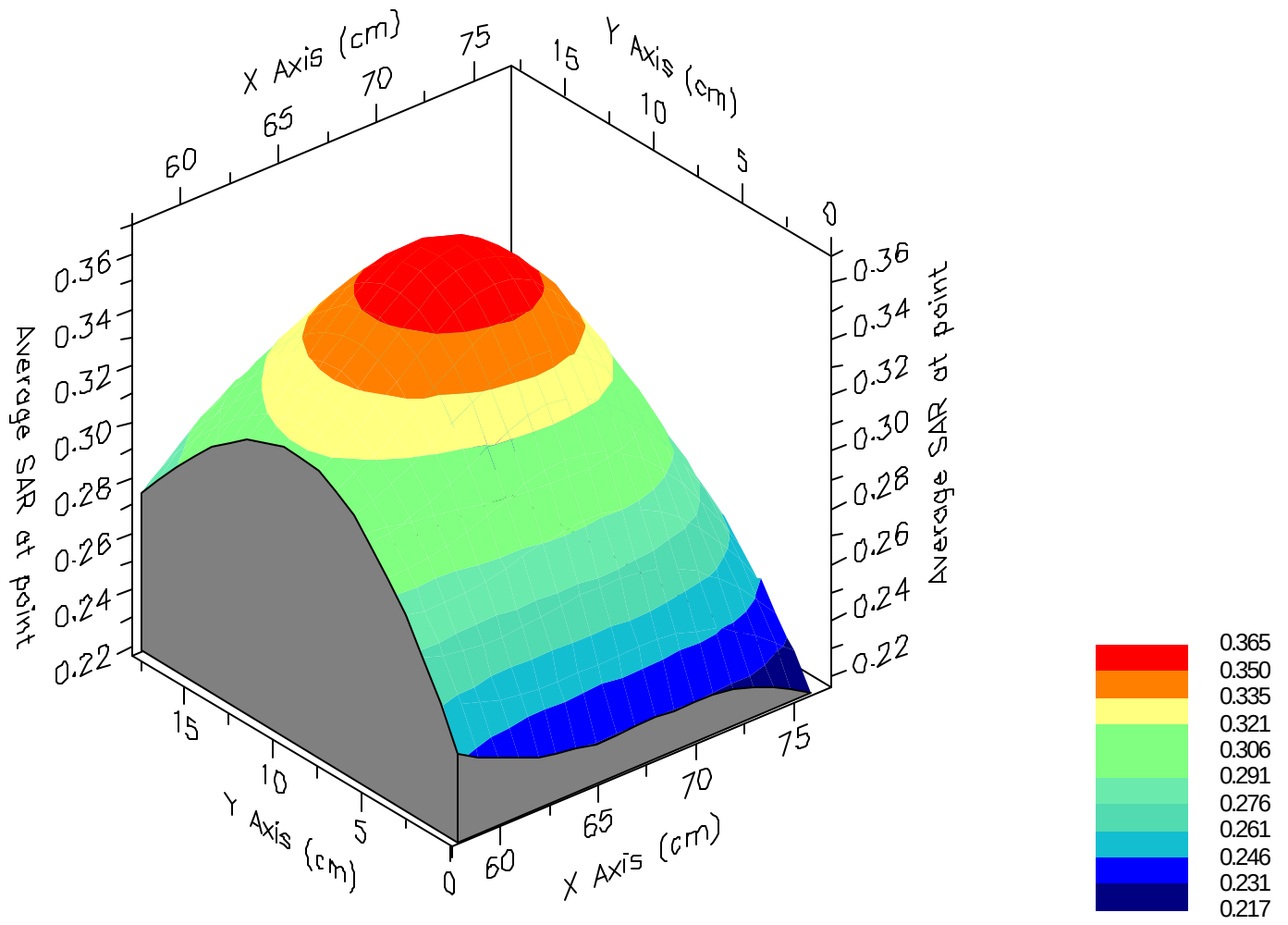
Max 1g SAR at x=67.0 y=10.0 z=0.0 = 0.37 W/kg

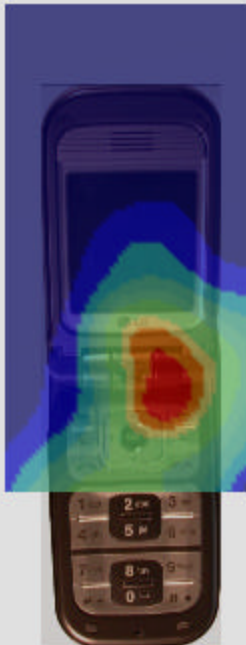
Max 10g SAR at x=64.0 y=11.0 z=0.0 = 0.19 W/kg

SAR - Z Axis
at Hotspot x:67.0 y:9.0



1g SAR Values





SAR Data Report 05041505

Start : 15-Apr-05 04:01:58 pm
End : 15-Apr-05 04:09:11 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : LG Electronics
Model Number : U8210
Serial Number : SAR #2
Frequency : 1880 MHz
Transmit Pwr : 1 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM-LEFT
Phantom Type : Left Ear
Tissue Type : Brain
Tissue Dielectric : 41.800
Tissue Conductivity : 1.420
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Brain
Calibrated Dielectric : 39.020
Calibrated Conductivity : 1.370
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.400
Probe Sensitivity : 5.115 4.969 4.453 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
Left Tilt
CF=8; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 0.042
Reading @ End = 0.041
Power at End = 98.0%

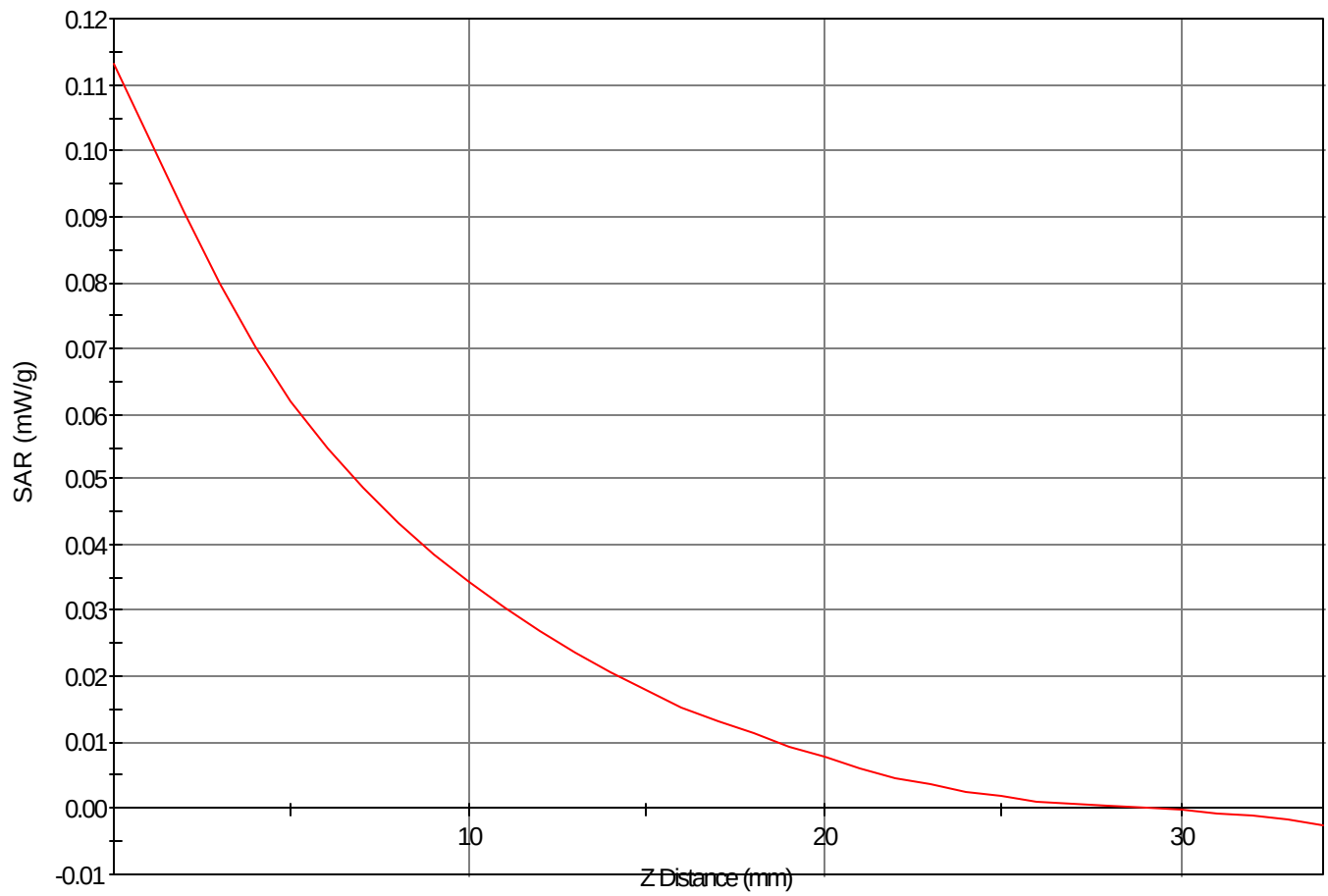
Area Scan - Max Peak SAR Value at x=59.0 y=13.0 = 0.07 W/kg

Zoom Scan - Max Peak SAR Value at x=58.0 y=13.0 z=0.0 = 0.11 W/kg

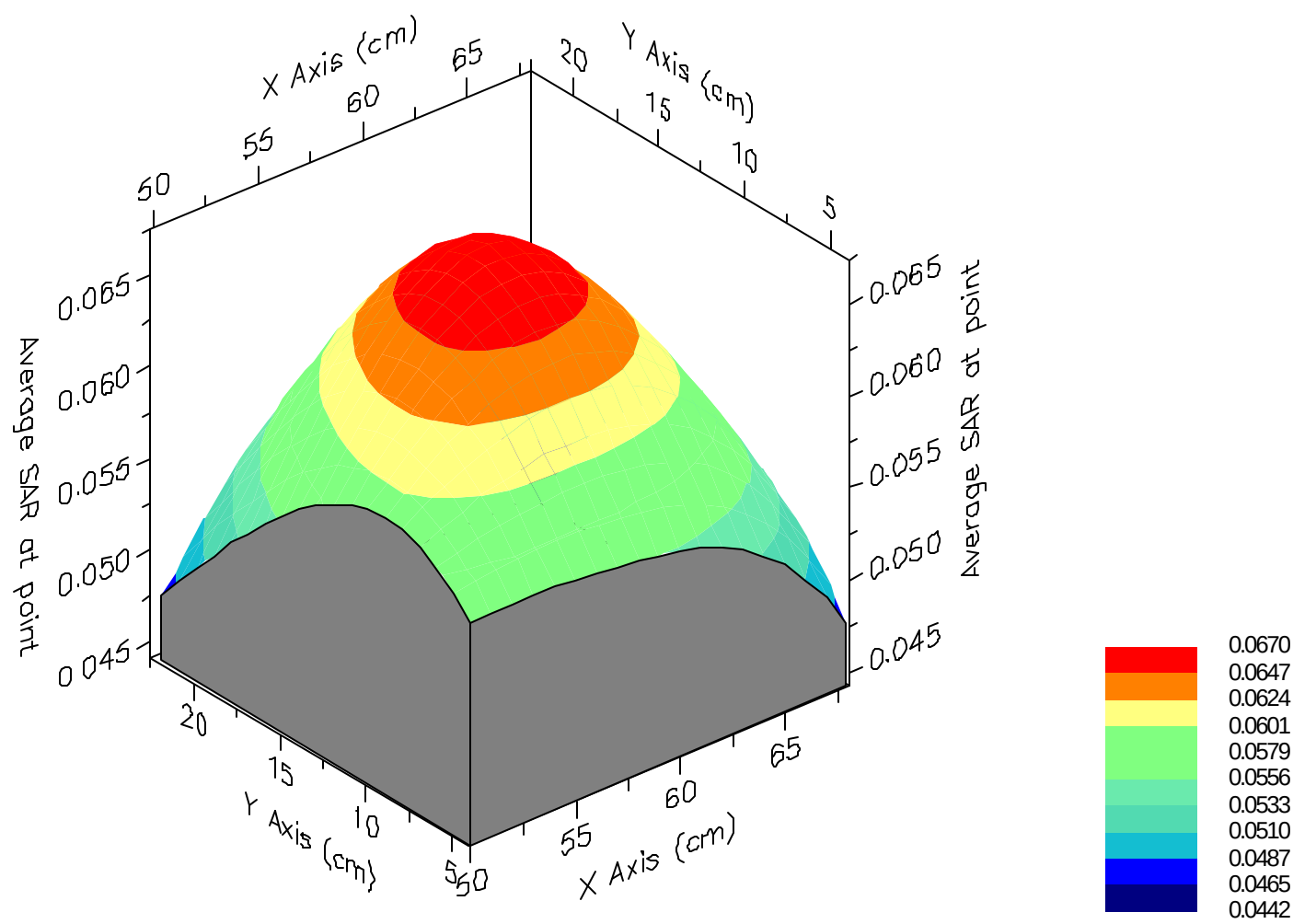
Max 1g SAR at x=59.0 y=14.0 z=0.0 = 0.07 W/kg

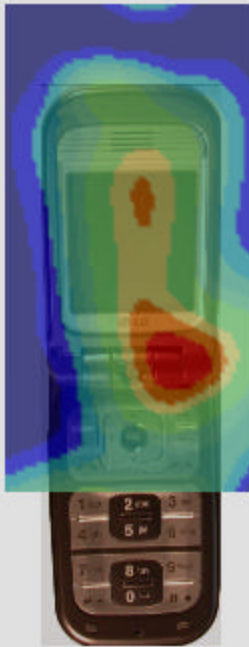
Max 10g SAR at x=56.0 y=12.0 z=0.0 = 0.04 W/kg

SAR - Z Axis
at Hotspot x:58.0 y:13.0



1g SAR Values





SAR Data Report 05041510

Start : 15-Apr-05 05:55:19 pm
End : 15-Apr-05 06:03:14 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : LG Electronics
Model Number : U8210
Serial Number : SAR #2
Frequency : 1850.2 MHz
Transmit Pwr : 1 W
Antenna Type : Helical
Antenna Posn. : Fixed

Measurement Data:

Phantom Name : SAM FLAT
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 53.610
Tissue Conductivity : 1.570
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 1900 MHz
Tissue Type : Muscle
Calibrated Dielectric : 51.810
Calibrated Conductivity : 1.580
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.500
Probe Sensitivity : 5.115 4.969 4.453 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-512
Body
CF=4; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 0.449
Reading @ End = 0.481
Power at End = 107.2%

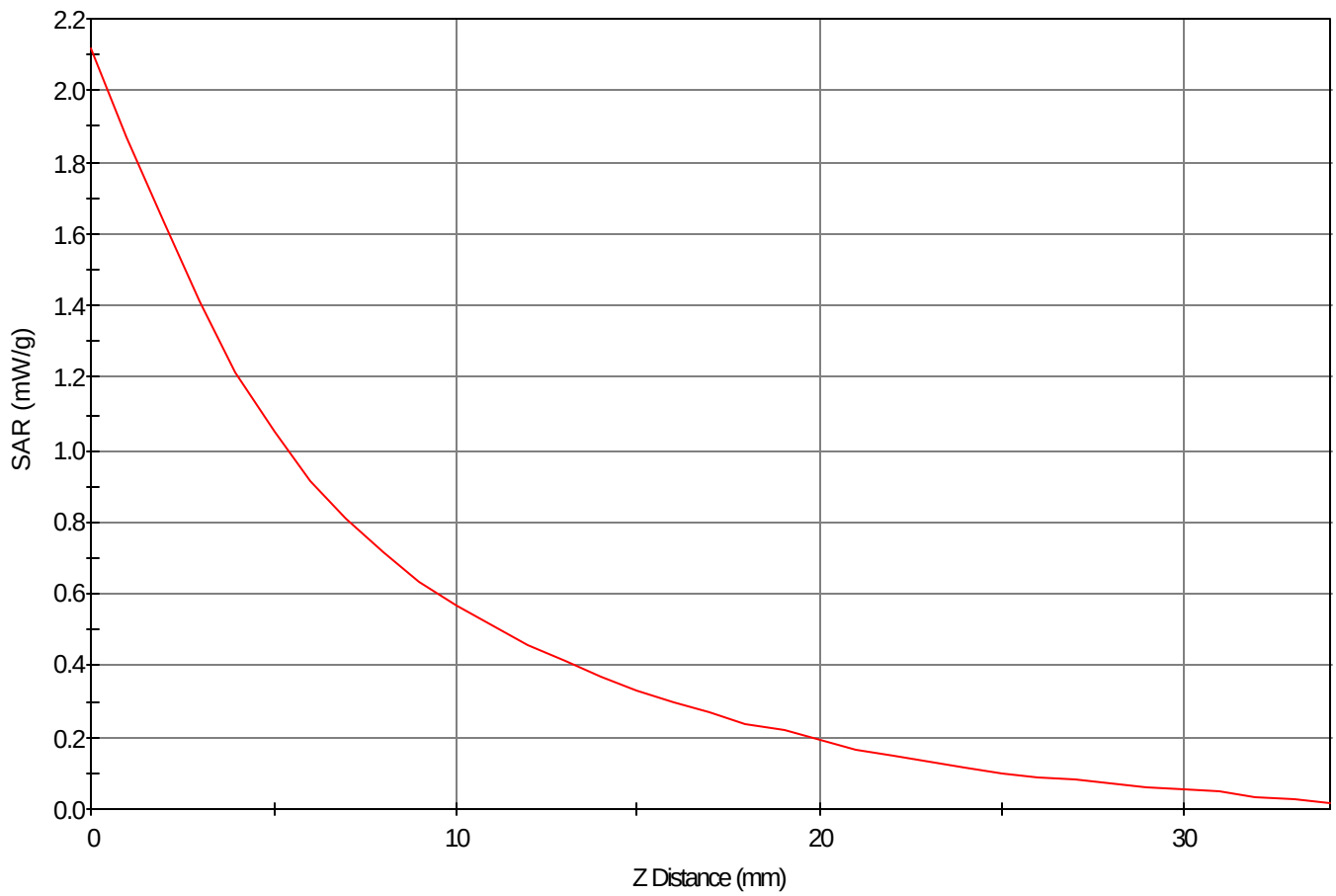
Area Scan - Max Peak SAR Value at x=-4.0 y=27.0 = 1.15 W/kg

Zoom Scan - Max Peak SAR Value at x=-4.0 y=29.0 z=0.0 = 2.12 W/kg

Max 1g SAR at x=-3.0 y=28.0 z=0.0 = 1.19 W/kg

Max 10g SAR at x=-2.0 y=27.0 z=0.0 = 0.63 W/kg

SAR - Z Axis
at Hotspot x:-4.0 y:29.0



1g SAR Values

