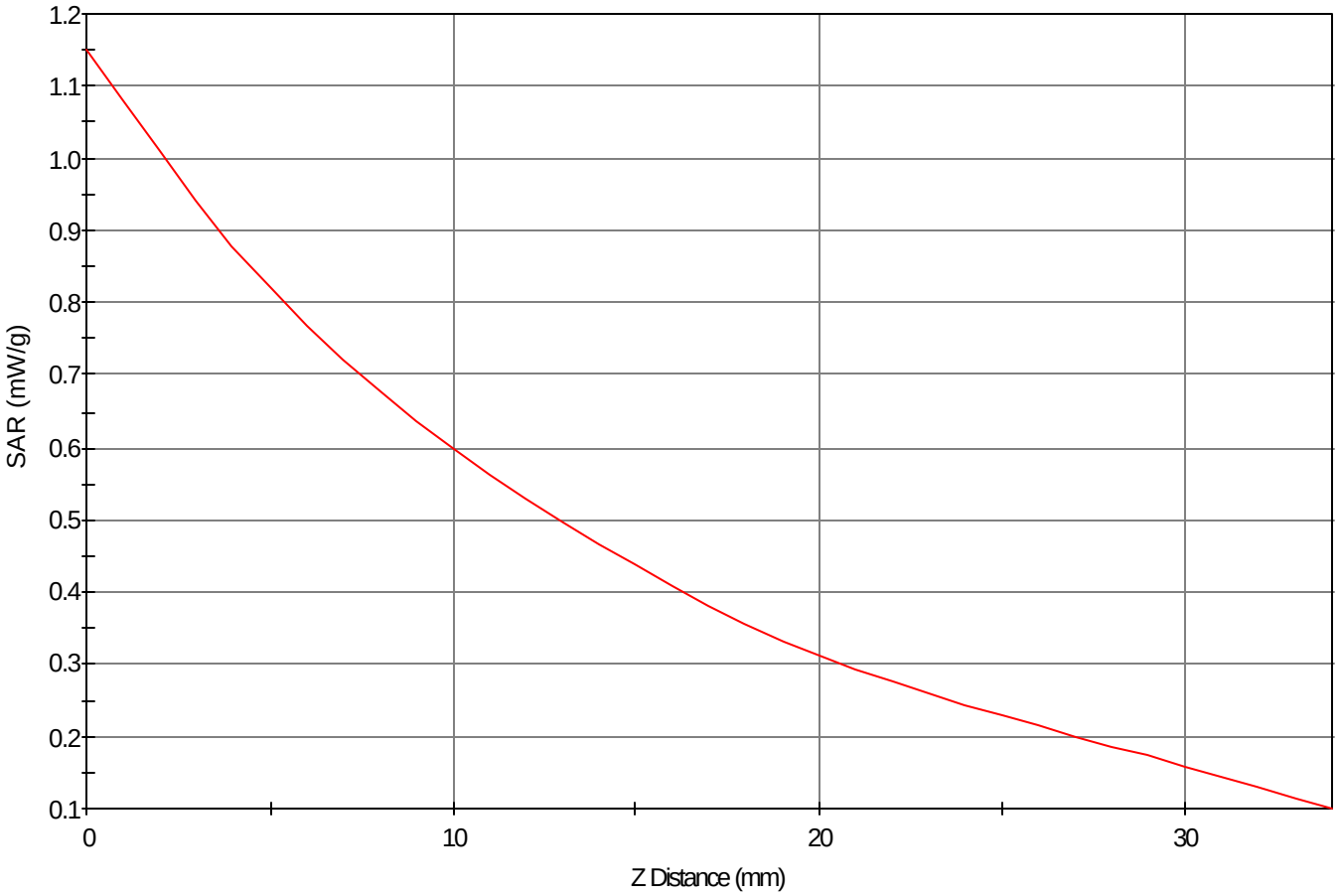
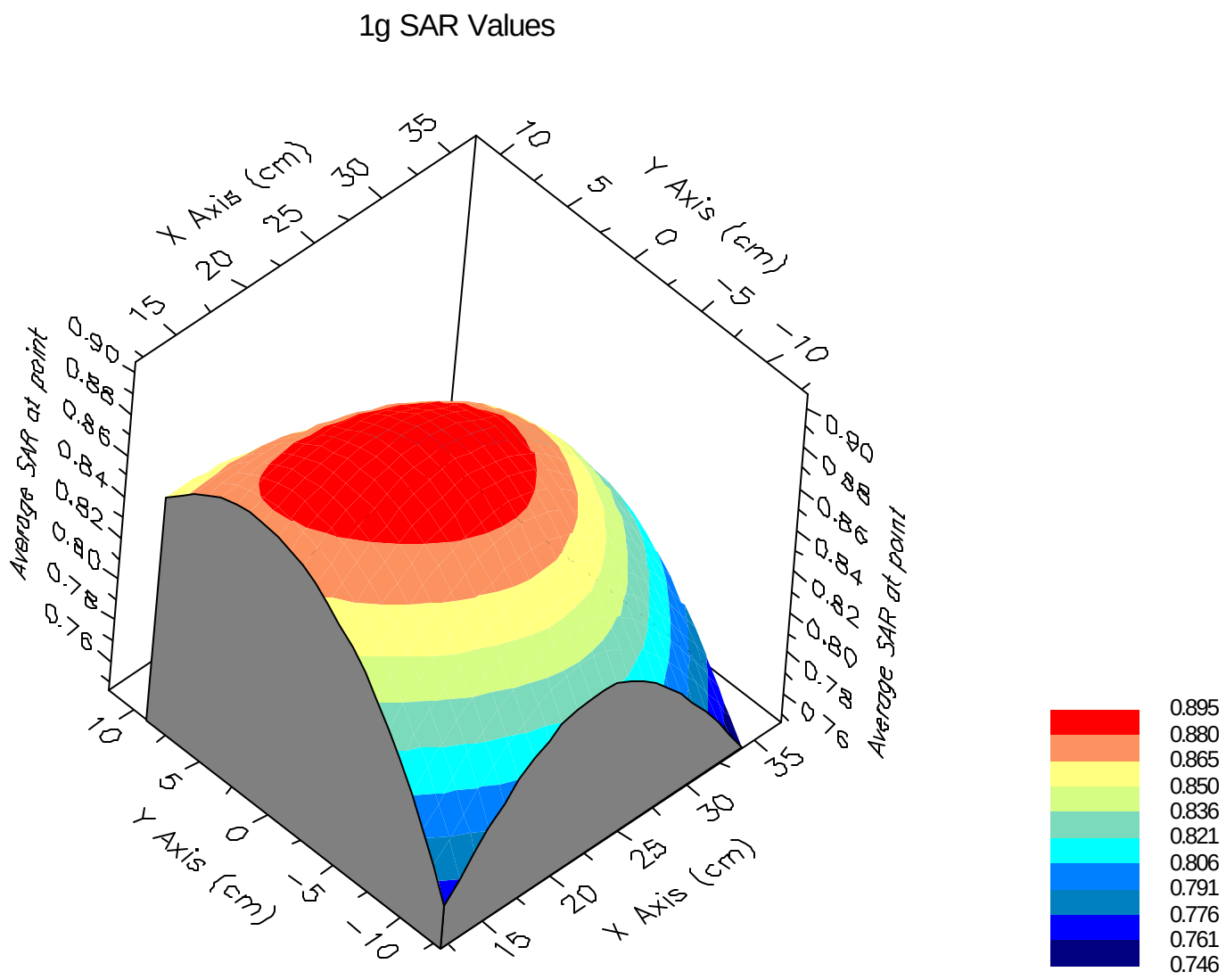
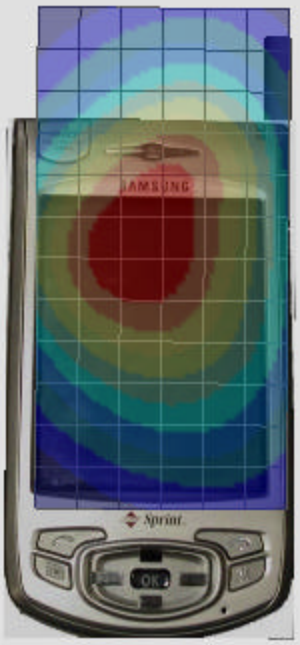
SAR Data Report 02071812

```
  Start        : 18-Jul-02 12:37:48 pm
  End          : 18-Jul-02 12:44:37 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 836.49 MHz
  Transmit Pwr     : 0.450 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:
  AMPS Mode CH-383
  Cheek
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=23.0 y=-2.0 = 0.88 W/kg

Zoom Scan - Max Peak SAR Value at x=7.0 y=6.0 z=0.0 = 1.15 W/kg

Max 1g SAR at x=20.0 y=-1.0 z=0.0 = 0.90 W/kg

Max 10g SAR at x=23.0 y=-2.0 z=0.0 = 0.67 W/kg
```

SAR - Z Axis
at Hotspot x:7.0 y:6.0



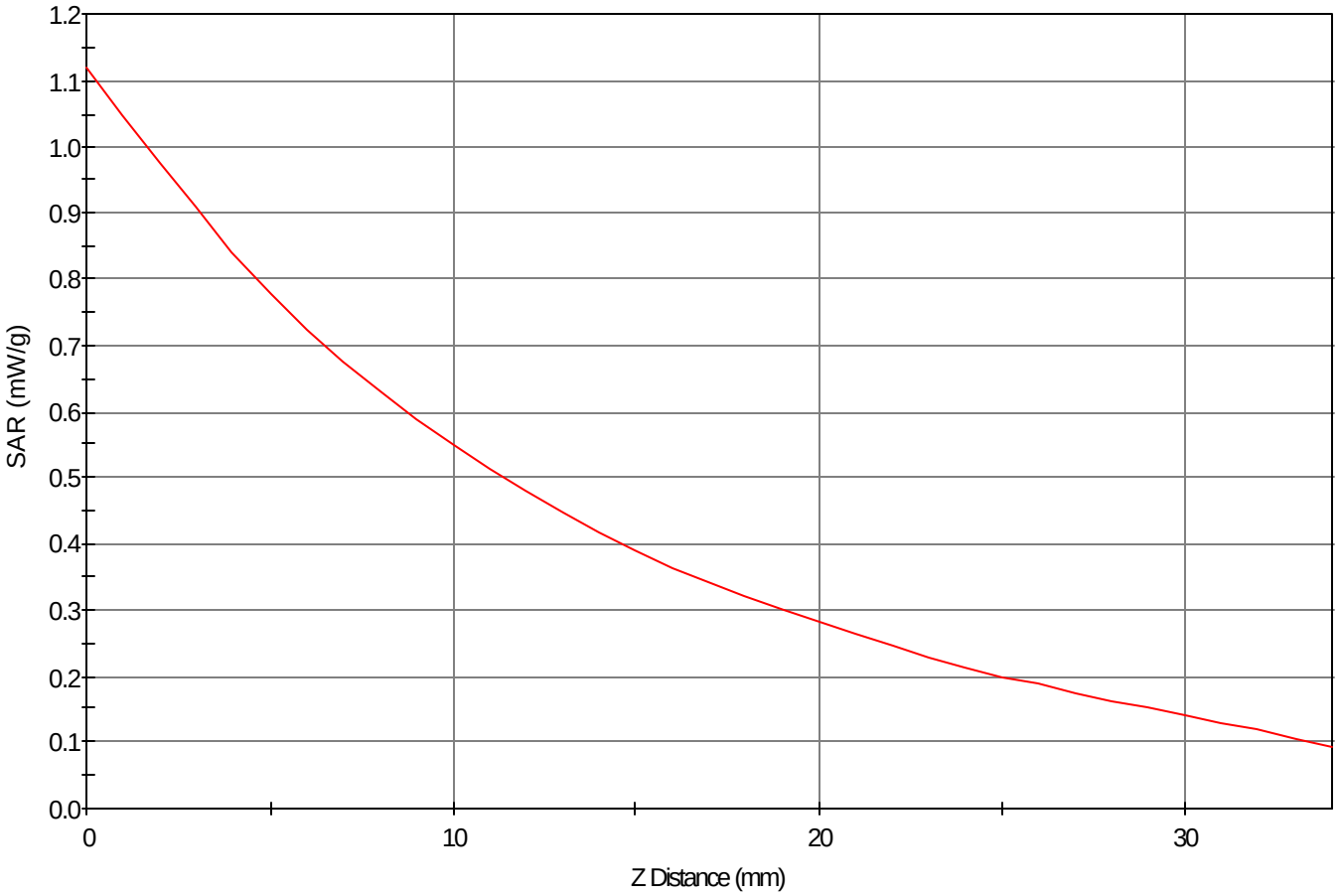

1g SAR Values
X Axis (cm)
Y Axis (cm)
Average SAR at point
0.895
0.880
0.865
0.850
0.836
0.821
0.806
0.791
0.776
0.761
0.746

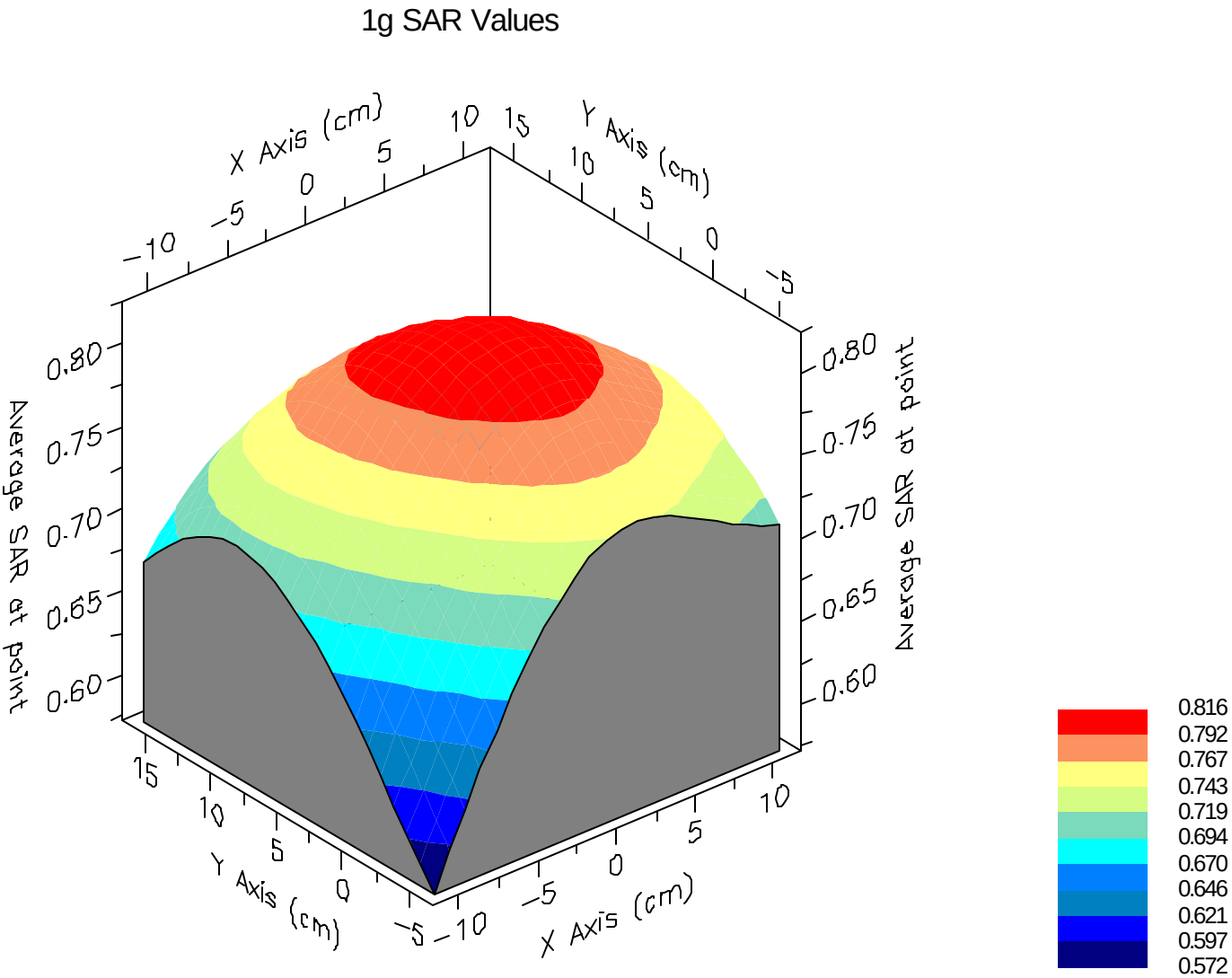

SAMSUNG
Sprint
OK

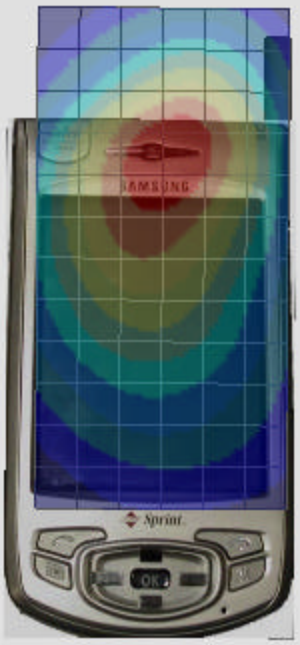
SAR Data Report 02071815

```
  Start        : 18-Jul-02 01:12:01 pm
  End          : 18-Jul-02 01:18:44 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 836.49 MHz
  Transmit Pwr     : 0.450 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:
  AMPS Mode CH-383
  Tilt
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=0.0 y=5.0 = 0.79 W/kg

Zoom Scan - Max Peak SAR Value at x=-1.0 y=3.0 z=0.0 = 1.12 W/kg

Max 1g SAR at x=1.0 y=4.0 z=0.0 = 0.82 W/kg

Max 10g SAR at x=5.0 y=3.0 z=0.0 = 0.56 W/kg
```

SAR - Z Axis
at Hotspot x:-1.0 y:3.0



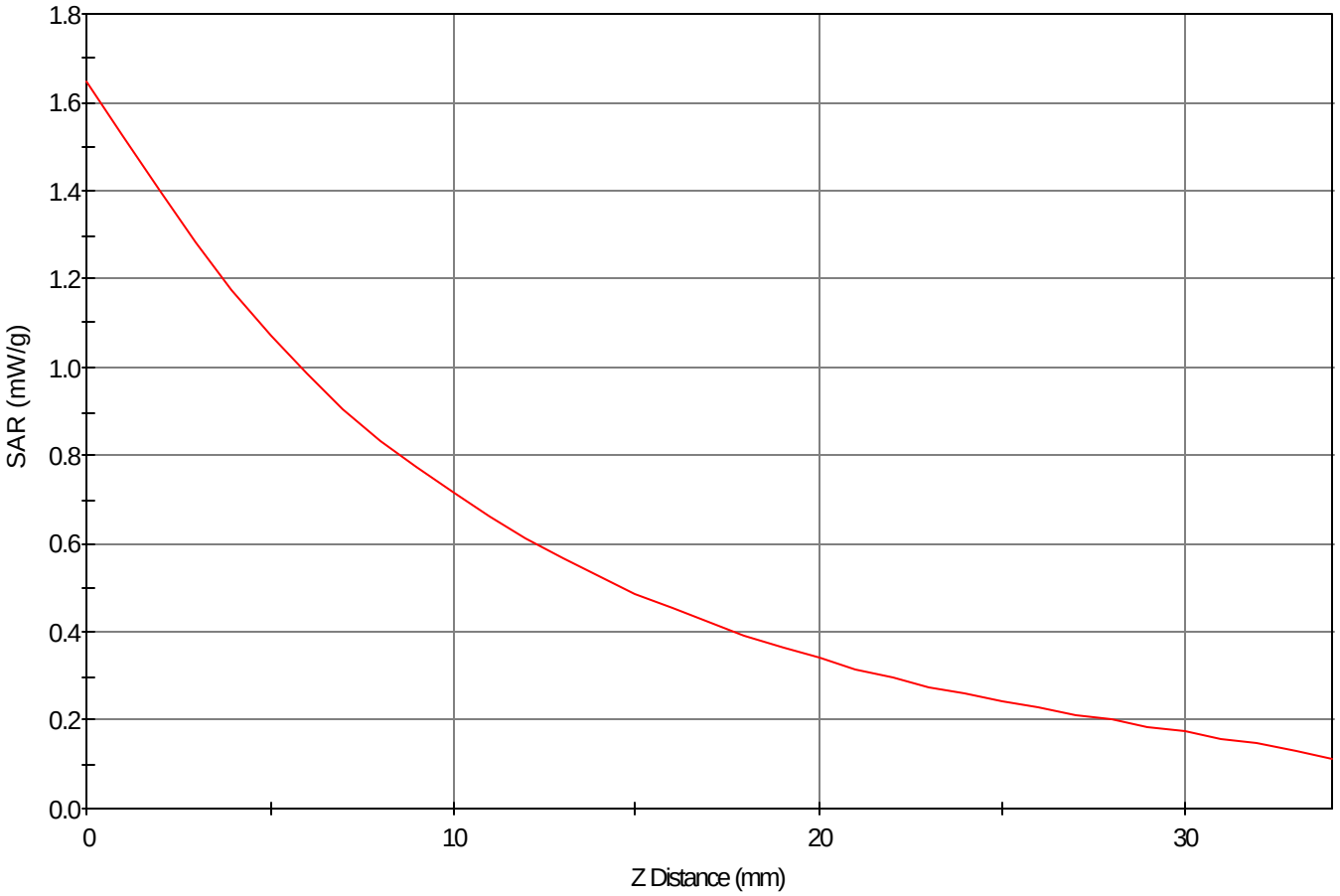

1g SAR Values
X Axis (cm)
Y Axis (cm)
Average SAR at point
0.80
0.75
0.70
0.65
0.60
0.816
0.792
0.767
0.743
0.719
0.694
0.670
0.646
0.621
0.597
0.572


SAMSUNG
Sprint
OK

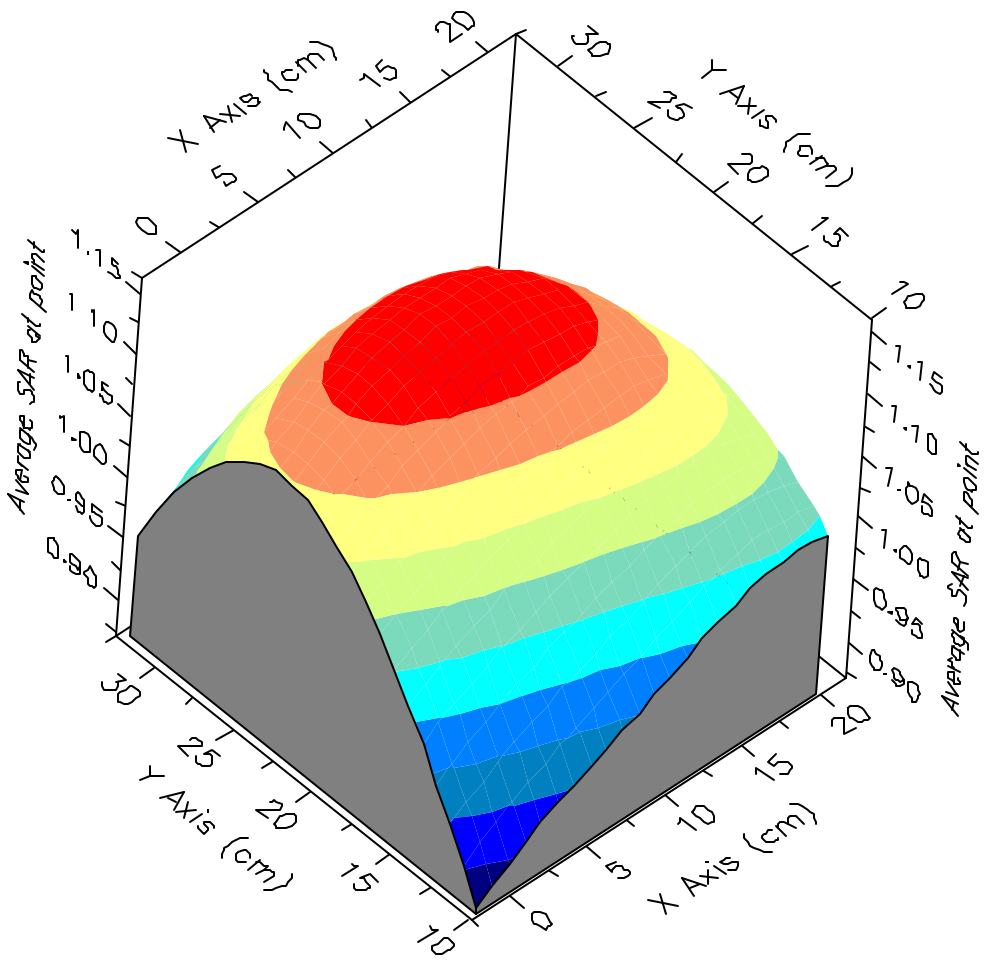
SAR Data Report 02071804

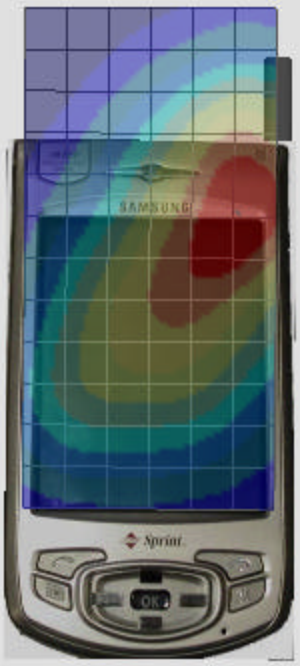
```
  Start        : 18-Jul-02 10:41:13 am
  End          : 18-Jul-02 10:49:03 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 836.49 MHz
  Transmit Pwr     : 0.450 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 : 0.880
  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:
  AMPS Mode CH-383
  Cheek
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=9.0 y=21.0 = 1.12 W/kg

Zoom Scan - Max Peak SAR Value at x=6.0 y=24.0 z=0.0 = 1.65 W/kg

Max 1g SAR at x=9.0 y=23.0 z=0.0 = 1.14 W/kg

Max 10g SAR at x=13.0 y=19.0 z=0.0 = 0.76 W/kg
```

SAR - Z Axis
at Hotspot x:6.0 y:24.0



1g SAR Values

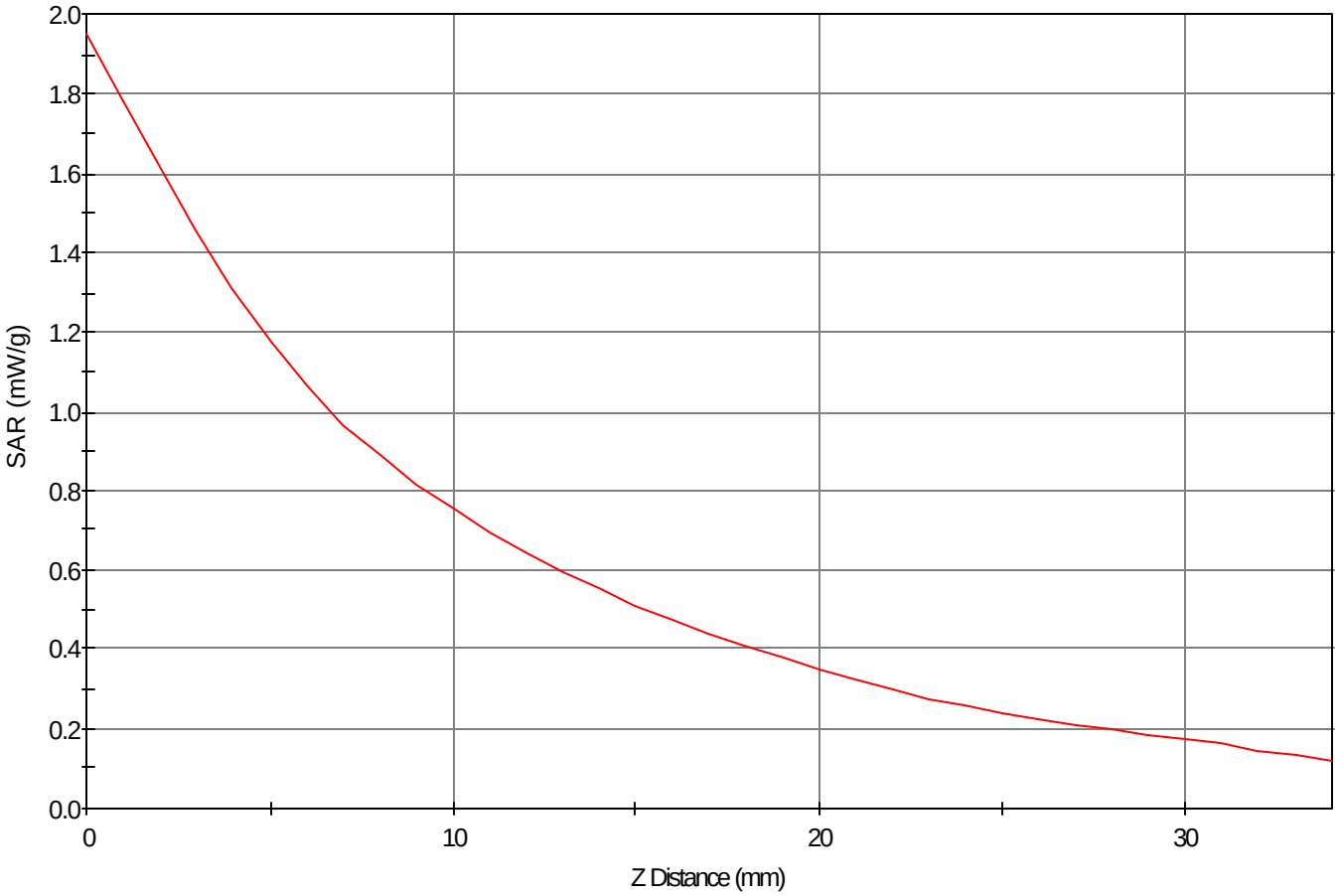



SAMSUNG
Sprint
OK

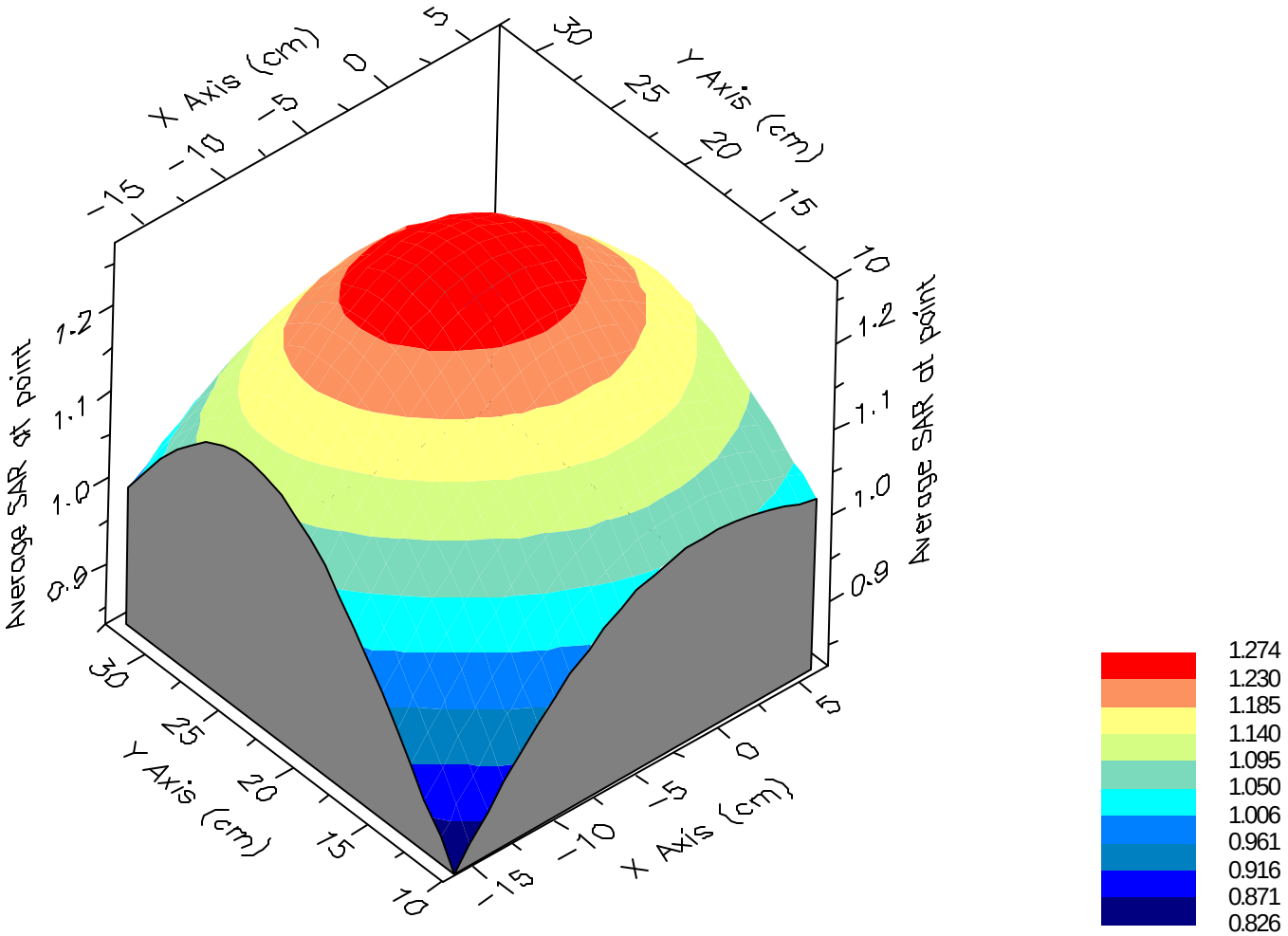
SAR Data Report 02071809

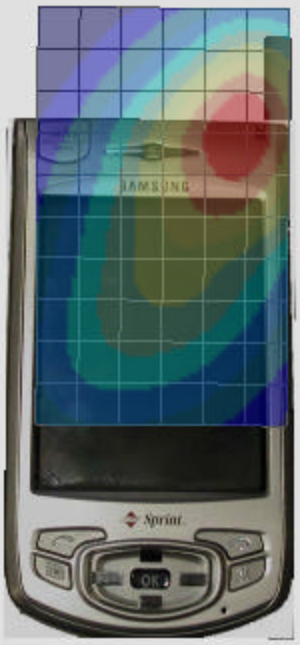
```
  Start        : 18-Jul-02 11:45:31 am
  End          : 18-Jul-02 11:52:12 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 836.49 MHz
  Transmit Pwr     : 0.450 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:
  AMPS Mode CH-383
  Tilt
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=-5.0 y=21.0 = 1.20 W/kg

Zoom Scan - Max Peak SAR Value at x=-7.0 y=22.0 z=0.0 = 1.95 W/kg

Max 1g SAR at x=-5.0 y=22.0 z=0.0 = 1.27 W/kg

Max 10g SAR at x=-2.0 y=21.0 z=0.0 = 0.80 W/kg
```

SAR - Z Axis
at Hotspot x:-7.0 y:22.0



1g SAR Values

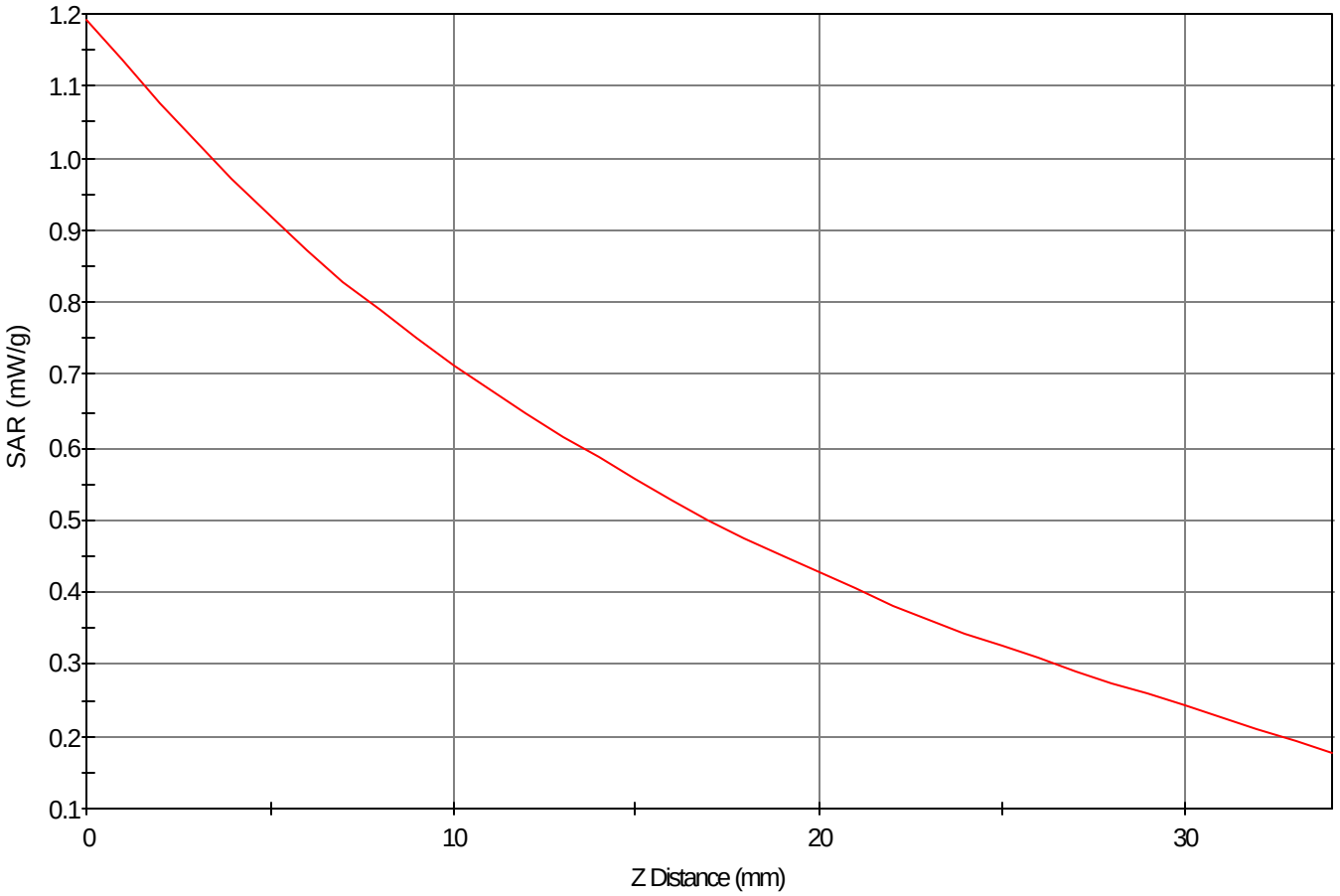



SAMSUNG
Sprint
OK

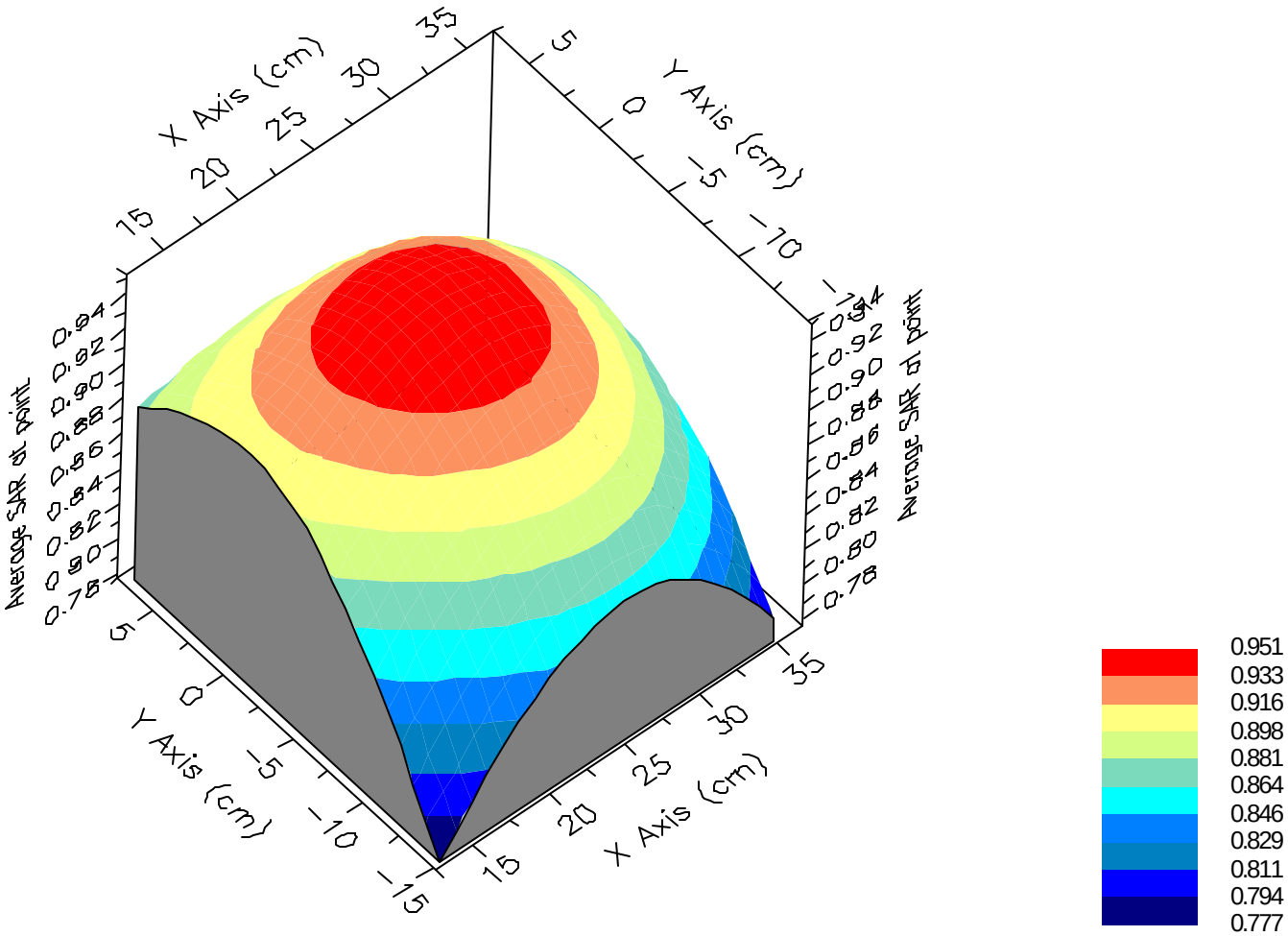
SAR Data Report 02071817

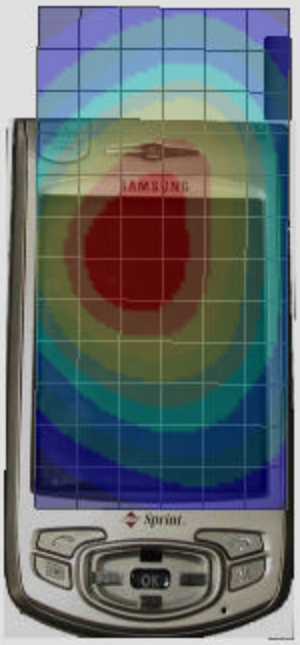
```
  Start        : 18-Jul-02 02:27:53 pm
  End          : 18-Jul-02 02:34:37 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 835.89 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-363
  Cheek
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=24.0 y=-4.0 = 0.93 W/kg

Zoom Scan - Max Peak SAR Value at x=20.0 y=-3.0 z=0.0 = 1.19 W/kg

Max 1g SAR at x=23.0 y=-3.0 z=0.0 = 0.95 W/kg

Max 10g SAR at x=26.0 y=-3.0 z=0.0 = 0.71 W/kg
```

SAR - Z Axis
at Hotspot x:20.0 y:-3.0



1g SAR Values

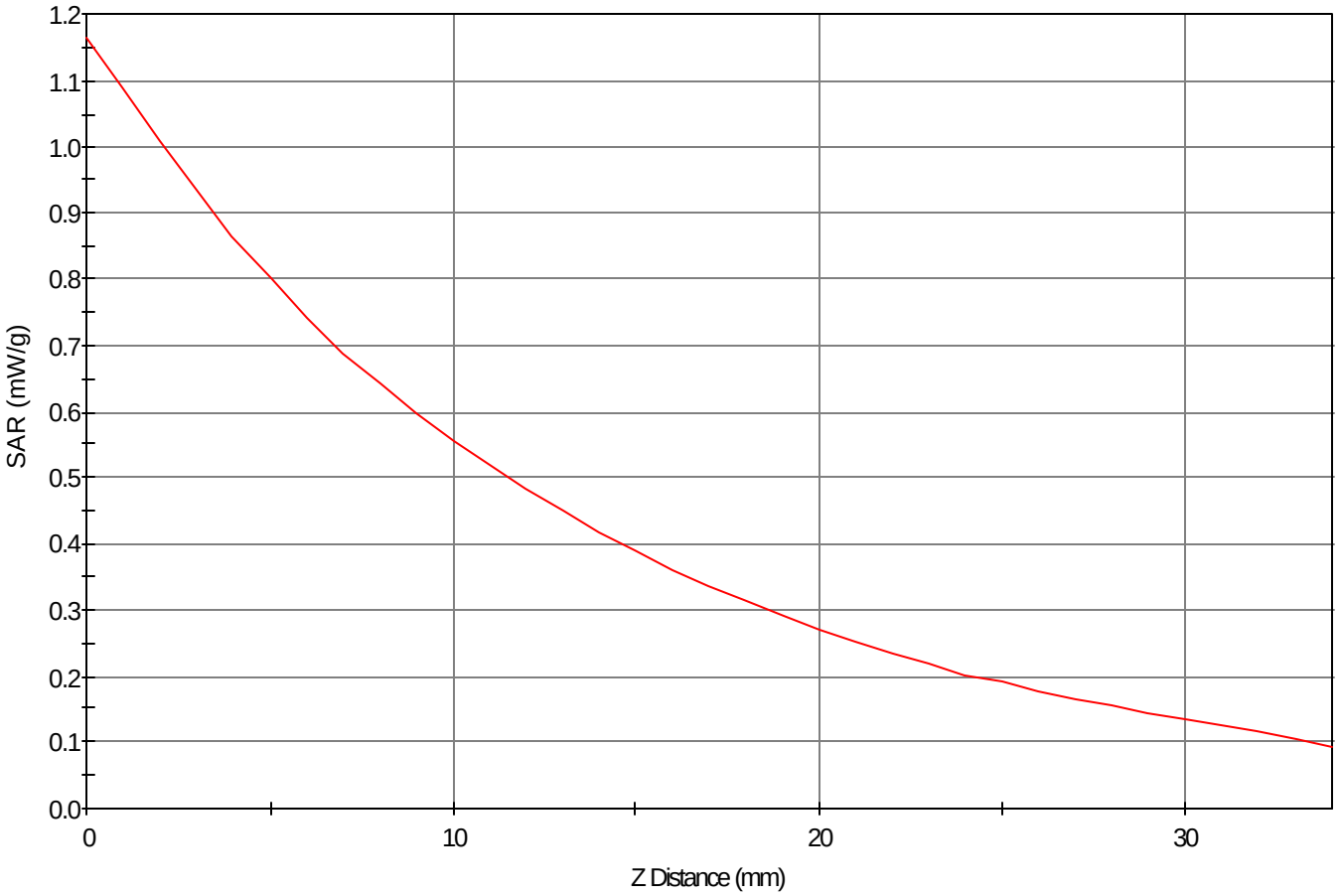



SAMSUNG
Sprint
OK

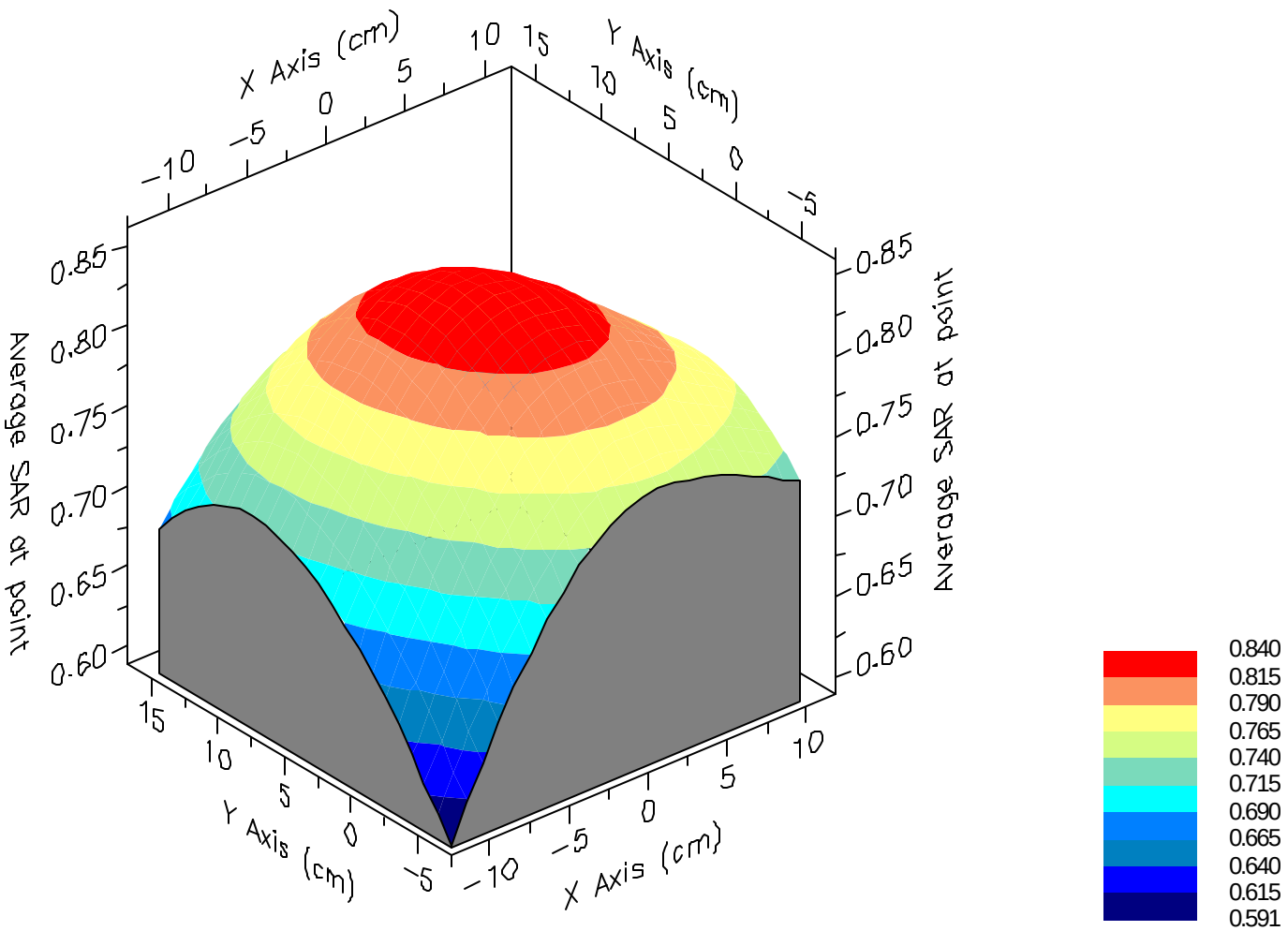
SAR Data Report 02071821

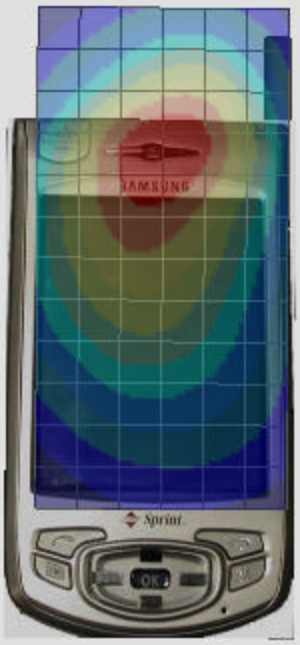
```
  Start        : 18-Jul-02 03:18:50 pm
  End          : 18-Jul-02 03:25:27 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 835.89 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-363
  Tilt
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=-1.0 y=4.0 = 0.82 W/kg

Zoom Scan - Max Peak SAR Value at x=-3.0 y=5.0 z=0.0 = 1.17 W/kg

Max 1g SAR at x=-1.0 y=4.0 z=0.0 = 0.84 W/kg

Max 10g SAR at x=4.0 y=2.0 z=0.0 = 0.57 W/kg
```

SAR - Z Axis
at Hotspot x:-3.0 y:5.0



1g SAR Values

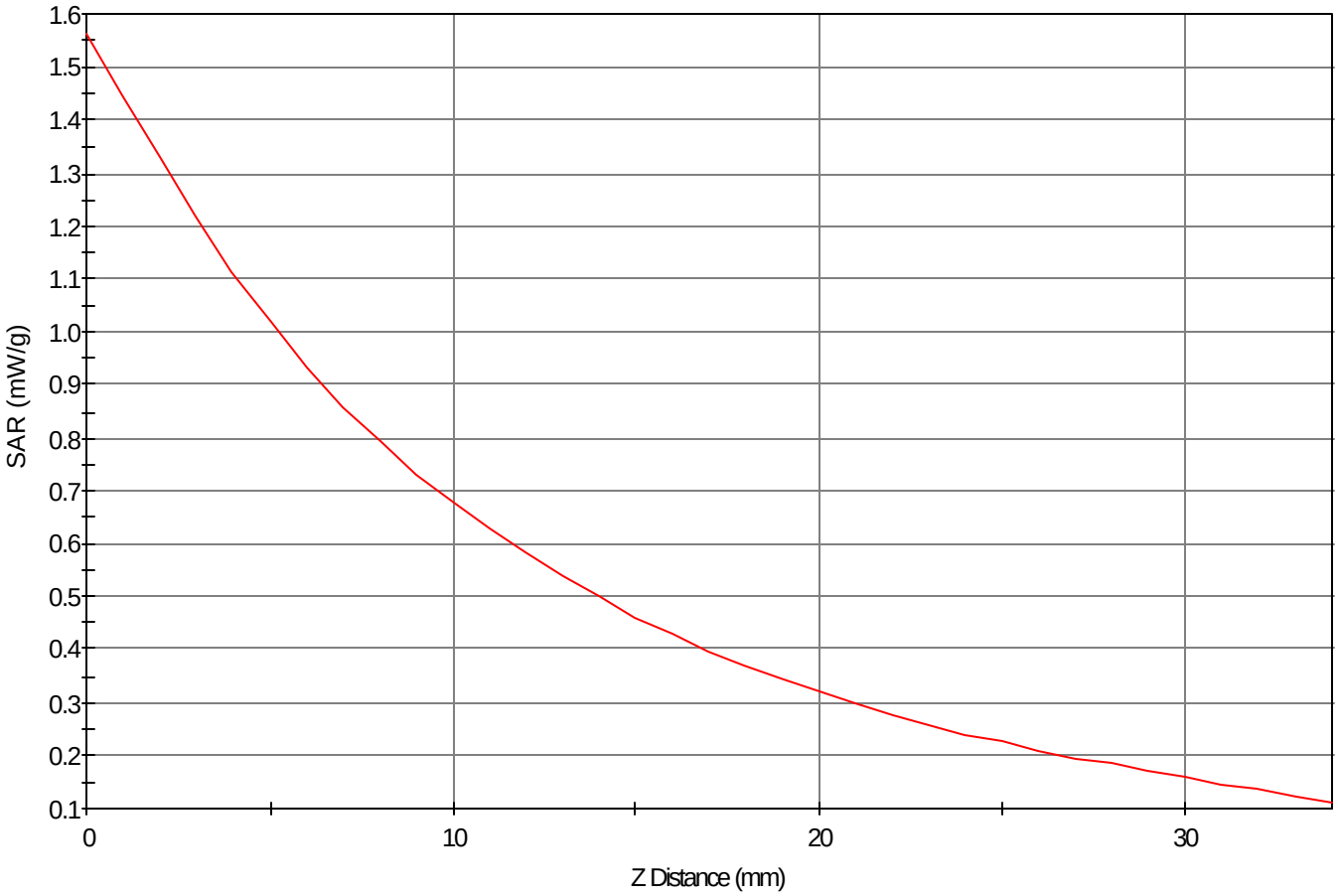


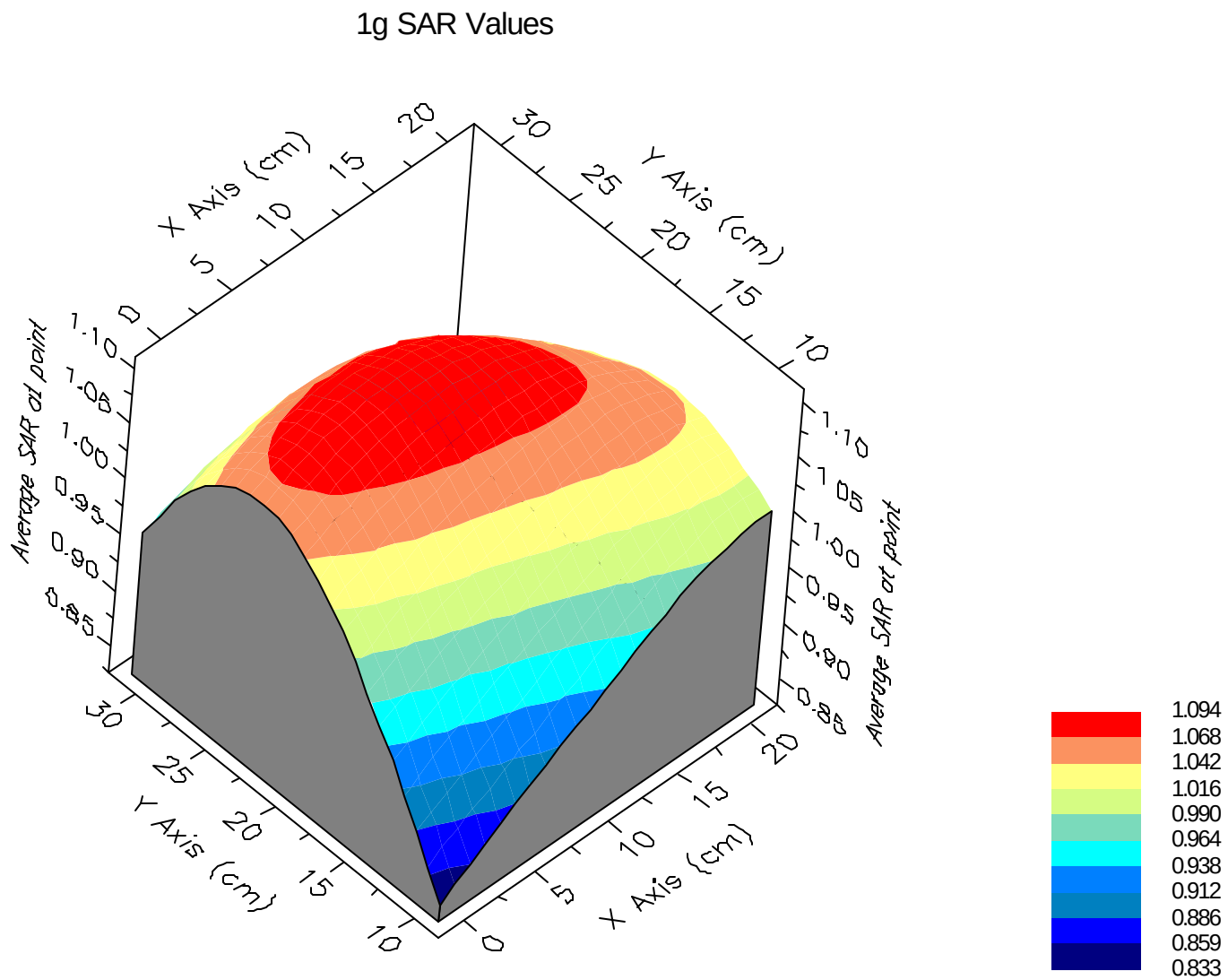

SAMSUNG
Sprint
OK

SAR Data Report 02071824

```
  Start        : 18-Jul-02 04:01:34 pm
  End          : 18-Jul-02 04:08:19 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 835.89 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-363
  Cheek
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=10.0 y=20.0 = 1.05 W/kg

Zoom Scan - Max Peak SAR Value at x=3.0 y=24.0 z=0.0 = 1.56 W/kg

Max 1g SAR at x=8.0 y=23.0 z=0.0 = 1.09 W/kg

Max 10g SAR at x=15.0 y=17.0 z=0.0 = 0.74 W/kg
```

SAR - Z Axis
at Hotspot x:3.0 y:24.0



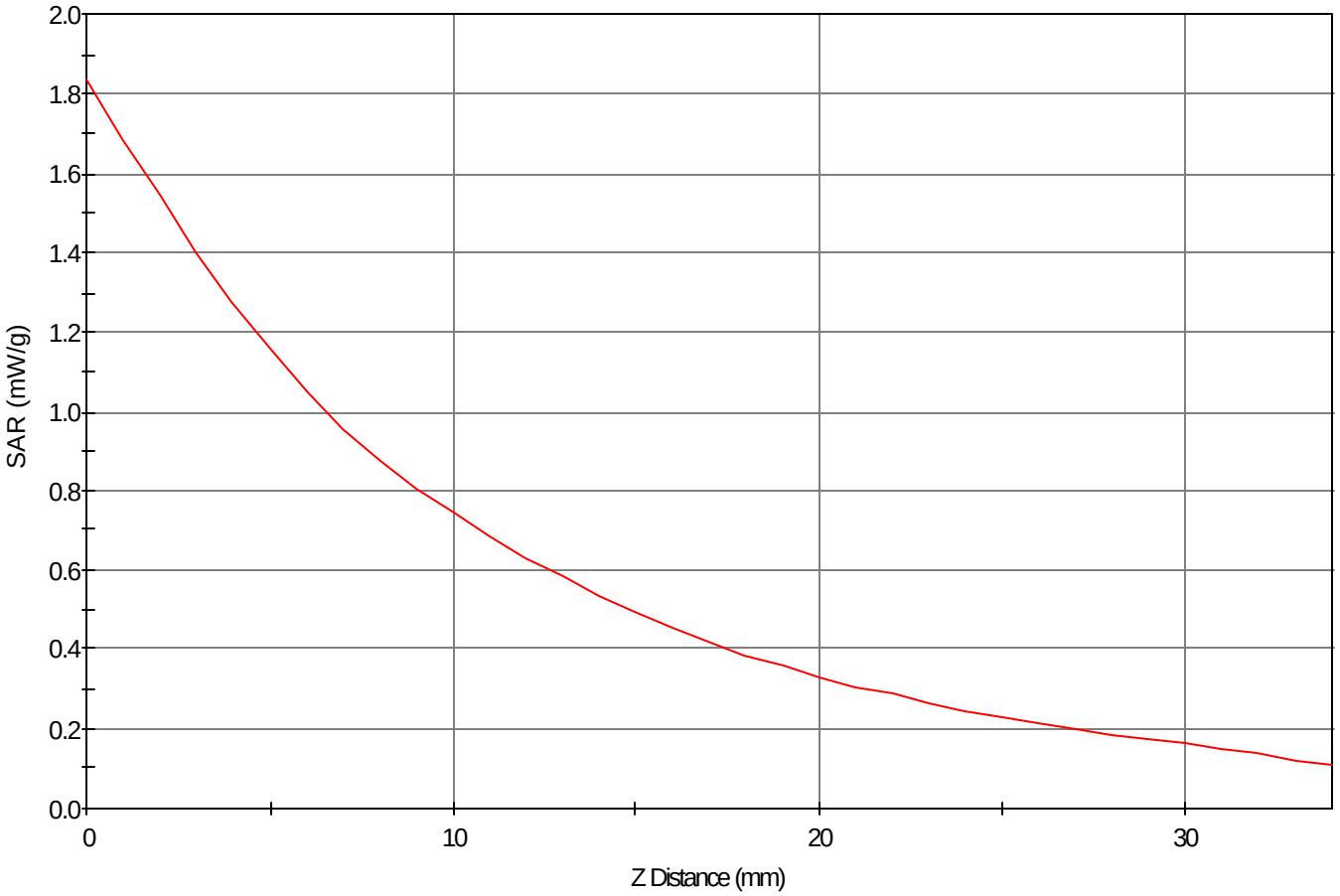

1g SAR Values
X Axis (cm)
Y Axis (cm)
Average SAR at point
1.094
1.068
1.042
1.016
0.990
0.964
0.938
0.912
0.886
0.859
0.833


SAMSUNG
Sprint
OK

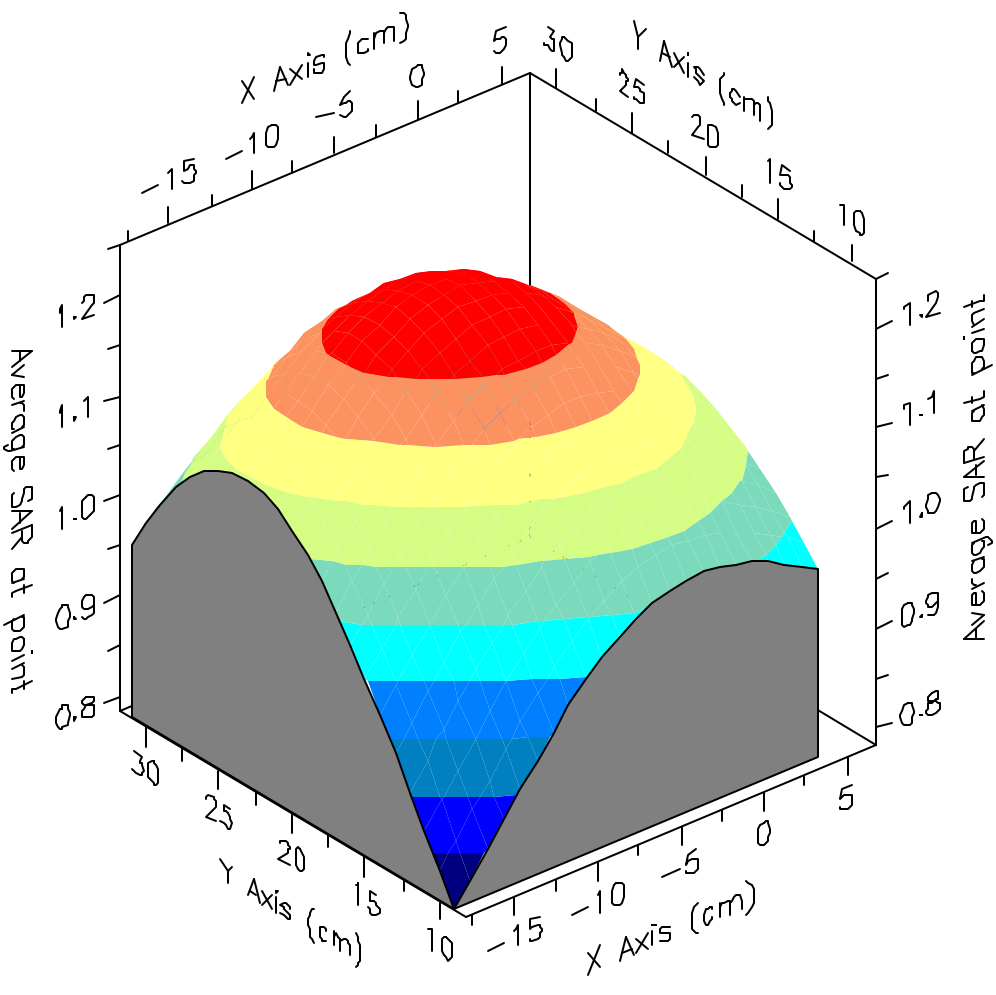
SAR Data Report 02071827

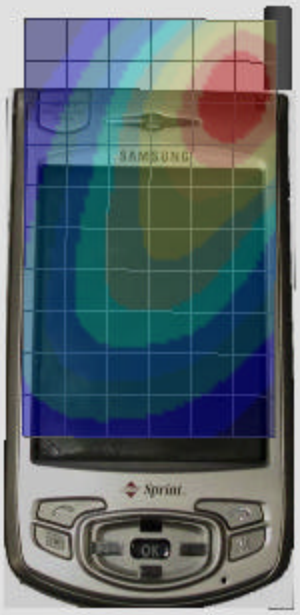
```
  Start        : 18-Jul-02 04:36:38 pm
  End          : 18-Jul-02 04:43:32 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 835.89 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-363
  Tlit
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=-7.0 y=20.0 = 1.16 W/kg

Zoom Scan - Max Peak SAR Value at x=-9.0 y=21.0 z=0.0 = 1.84 W/kg

Max 1g SAR at x=-7.0 y=21.0 z=0.0 = 1.23 W/kg

Max 10g SAR at x=-5.0 y=20.0 z=0.0 = 0.77 W/kg
```

SAR - Z Axis
at Hotspot x:-9.0 y:21.0



1g SAR Values

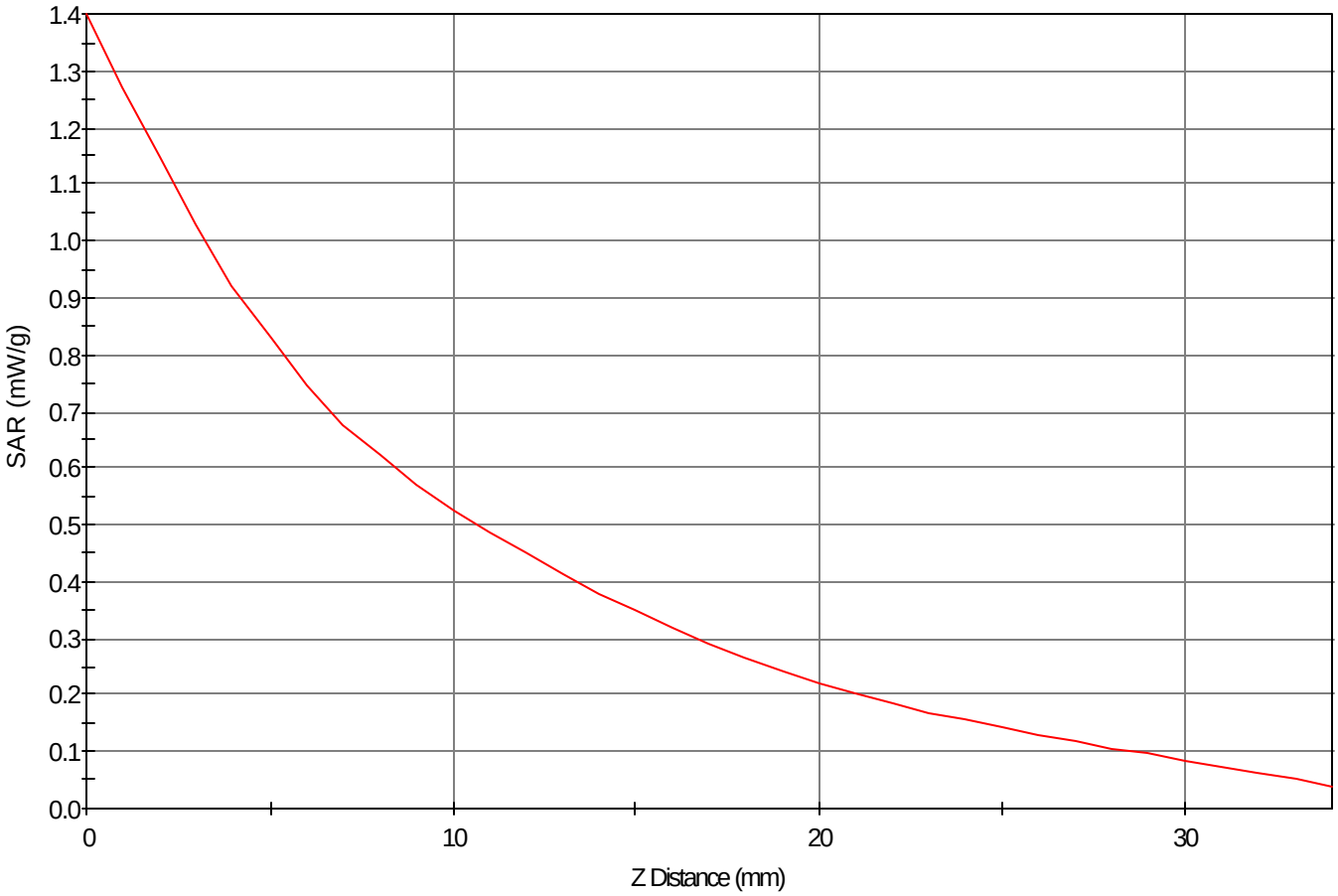


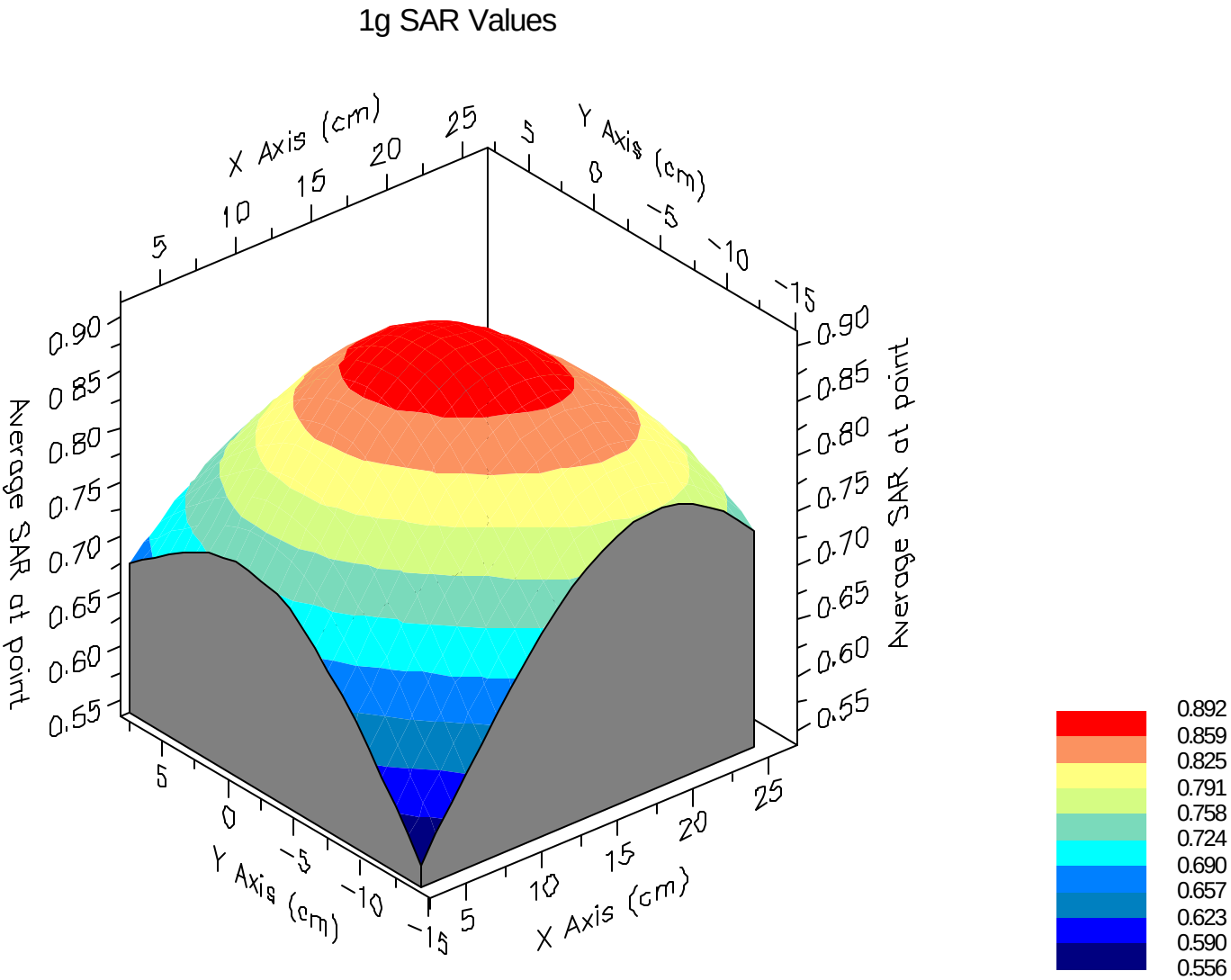

SAMSUNG
Sprint
OK

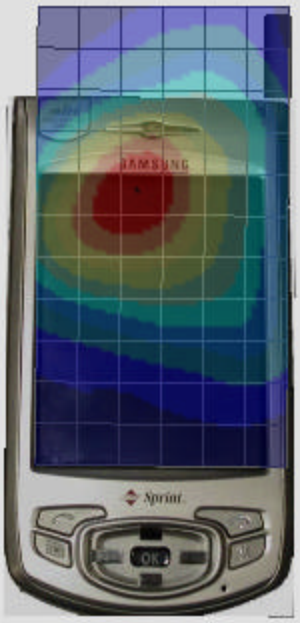
SAR Data Report 02071913

```
  Start        : 19-Jul-02 02:52:12 pm
  End          : 19-Jul-02 02:58:49 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 1880.00 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-600
  Cheek
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=14.0 y=-3.0 = 0.82 W/kg

Zoom Scan - Max Peak SAR Value at x=13.0 y=-3.0 z=0.0 = 1.40 W/kg

Max 1g SAR at x=14.0 y=-3.0 z=0.0 = 0.89 W/kg

Max 10g SAR at x=17.0 y=-3.0 z=0.0 = 0.55 W/kg
```

SAR - Z Axis
at Hotspot x:13.0 y:-3.0



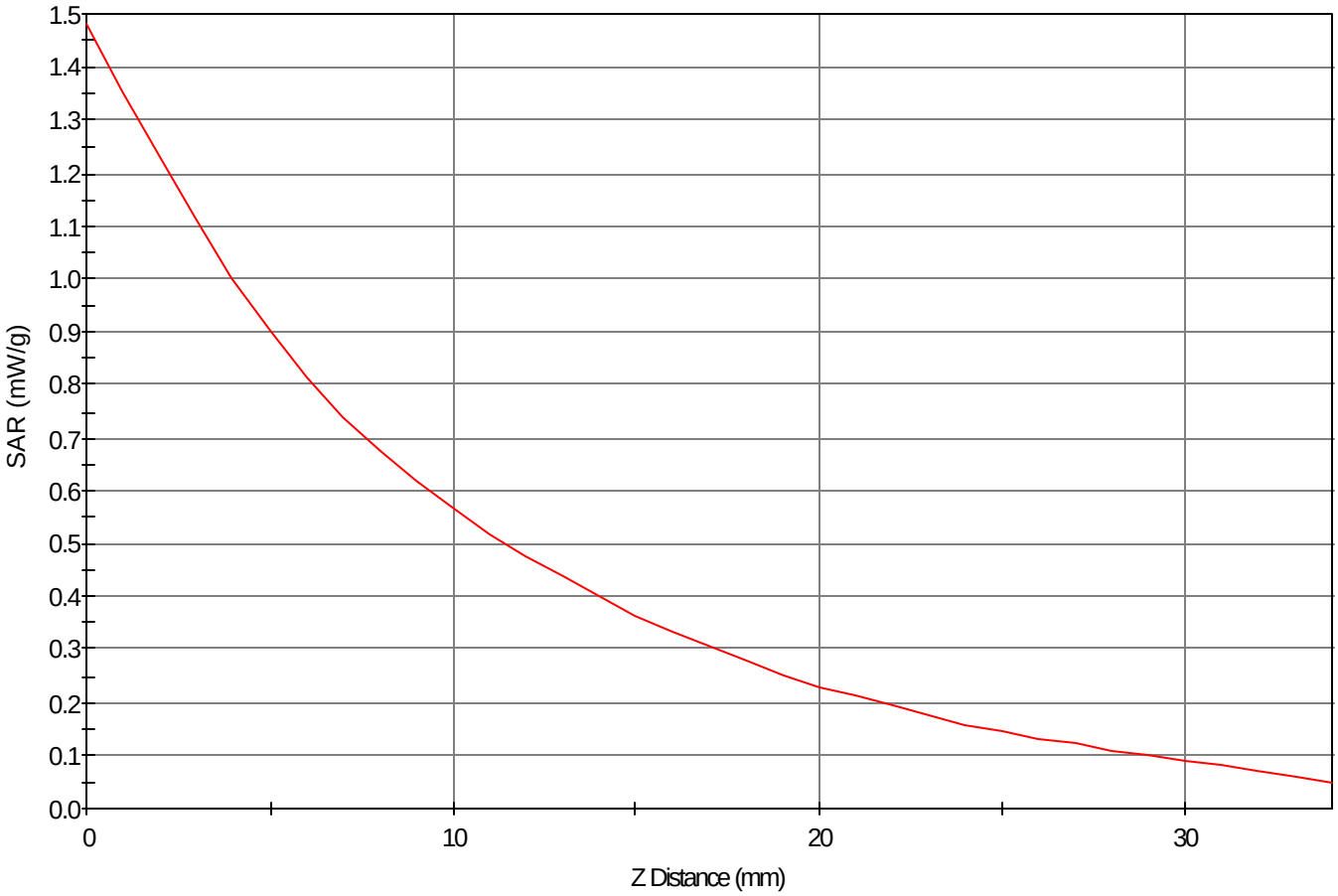

1g SAR Values
X Axis (cm)
5
10
15
20
25
Y Axis (cm)
5
0
-5
-10
-15
Average SAR at point
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.892
0.859
0.825
0.791
0.758
0.724
0.690
0.657
0.623
0.590
0.556

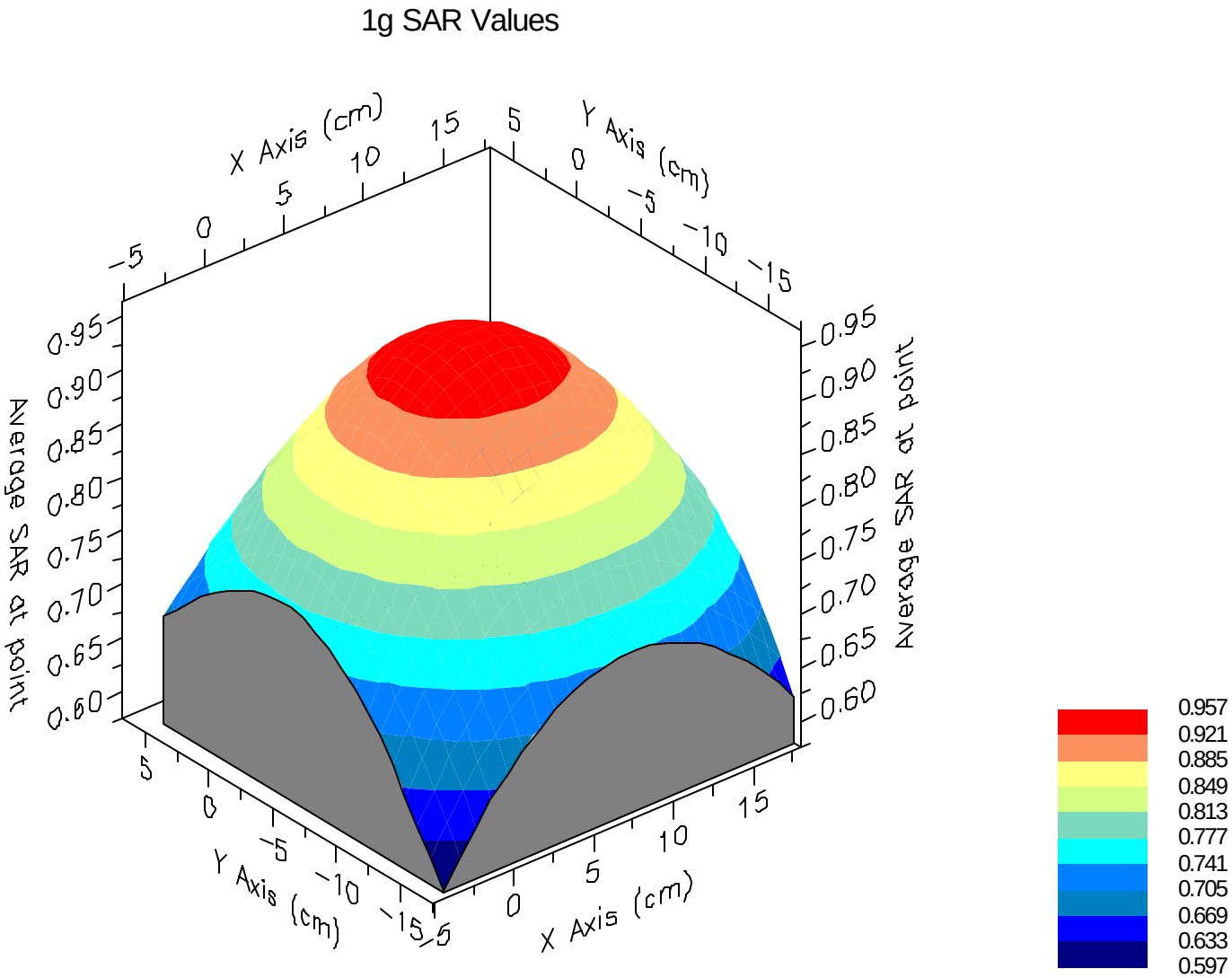

SAMSUNG
Sprint
OK

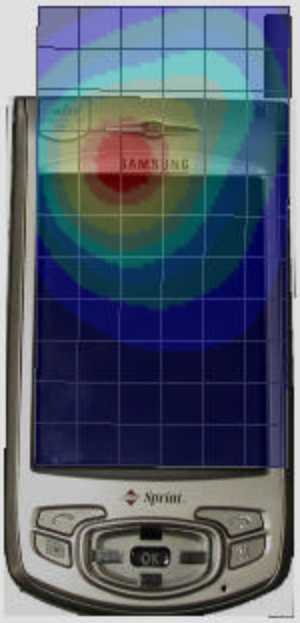
SAR Data Report 02071918

```
  Start        : 19-Jul-02 03:29:58 pm
  End          : 19-Jul-02 03:36:34 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  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= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=8.0 y=-7.0 = 0.92 W/kg

Zoom Scan - Max Peak SAR Value at x=6.0 y=-7.0 z=0.0 = 1.48 W/kg

Max 1g SAR at x=7.0 y=-7.0 z=0.0 = 0.96 W/kg

Max 10g SAR at x=8.0 y=-7.0 z=0.0 = 0.56 W/kg
```

SAR - Z Axis
at Hotspot x:6.0 y:-7.0



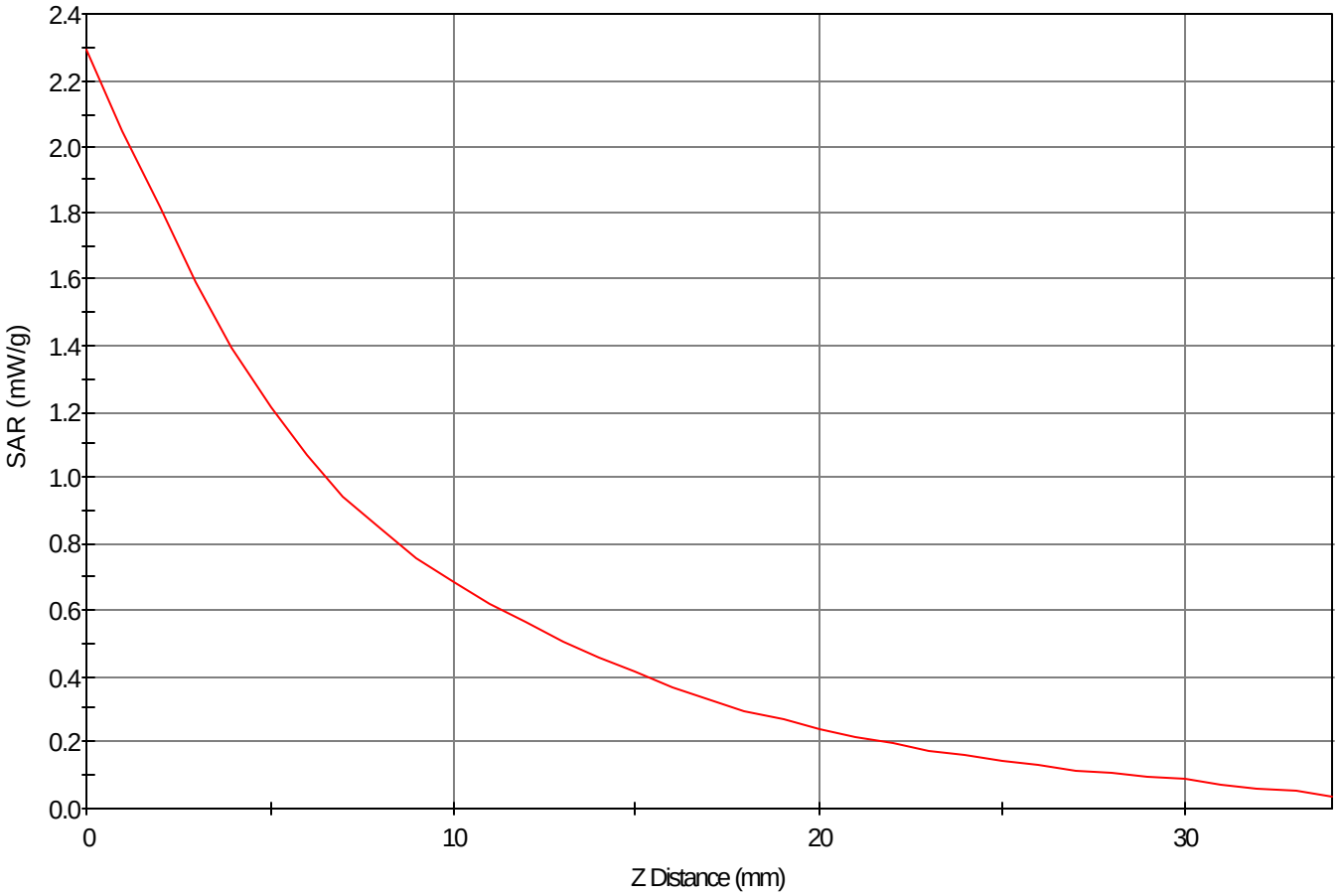

1g SAR Values
X Axis (cm)
Y Axis (cm)
Average SAR at point
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.957
0.921
0.885
0.849
0.813
0.777
0.741
0.705
0.669
0.633
0.597


SAMSUNG
Sprint
OK

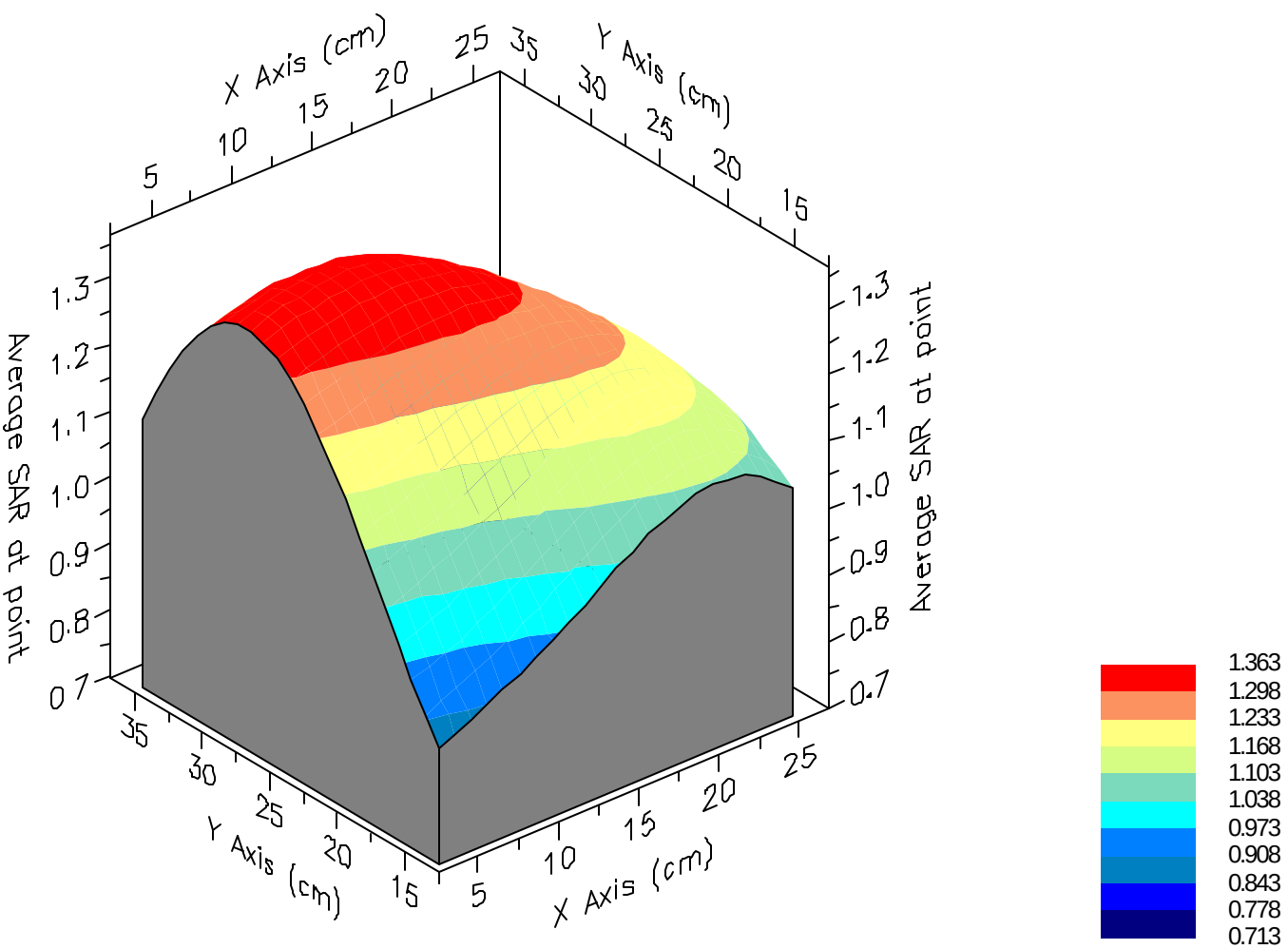
SAR Data Report 02071907

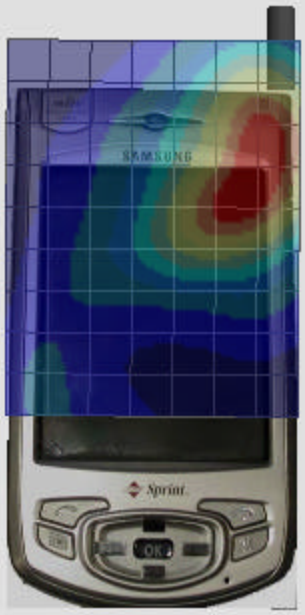
```
  Start        : 19-Jul-02 01:45:16 pm
  End          : 19-Jul-02 01:52:14 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 1880.00 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-600
  Cheek
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=14.0 y=24.0 = 1.27 W/kg

Zoom Scan - Max Peak SAR Value at x=6.0 y=27.0 z=0.0 = 2.29 W/kg

Max 1g SAR at x=9.0 y=27.0 z=0.0 = 1.36 W/kg

Max 10g SAR at x=12.0 y=24.0 z=0.0 = 0.79 W/kg
```

SAR - Z Axis
at Hotspot x:6.0 y:27.0



1g SAR Values

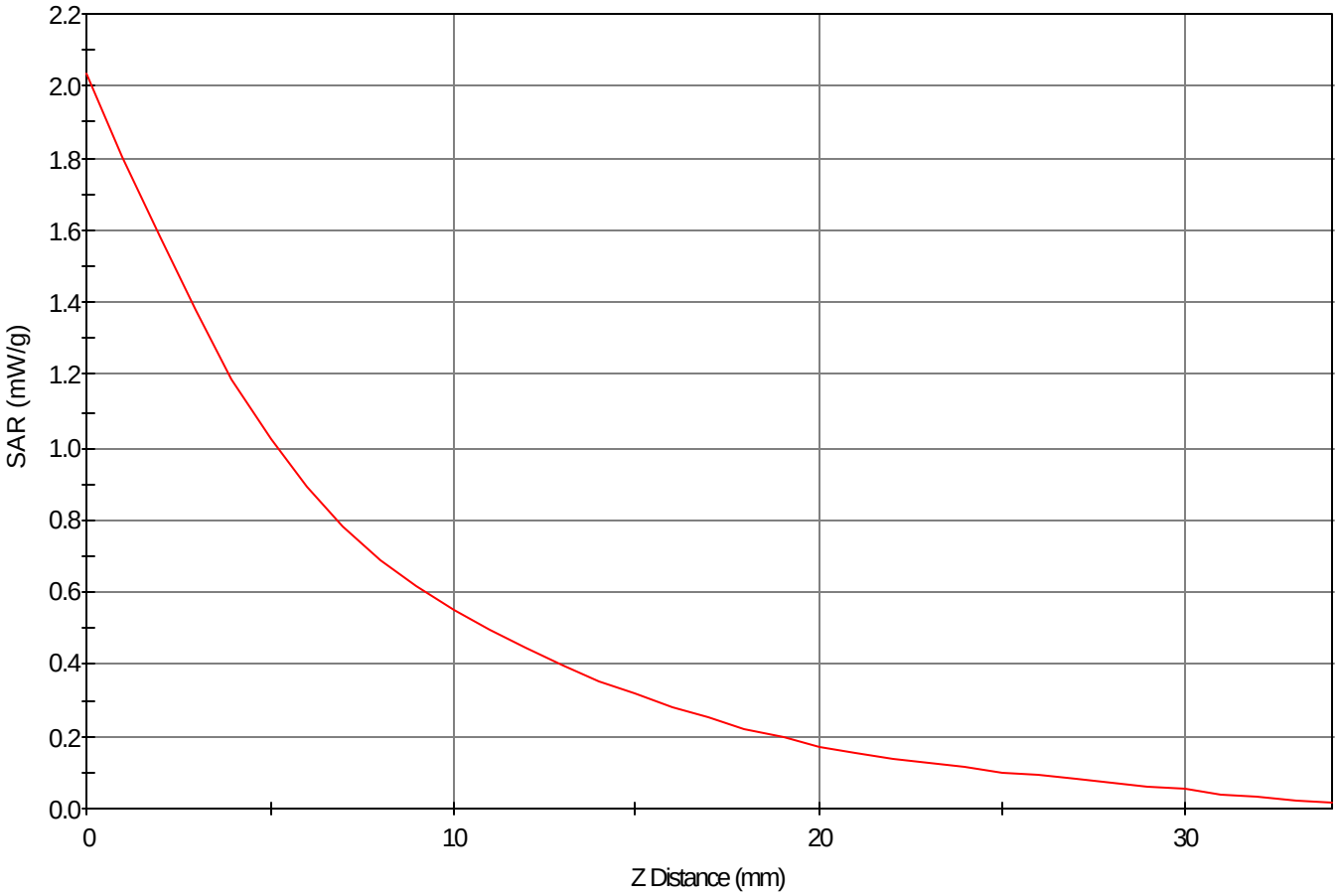



SAMSUNG
Sprint
OK

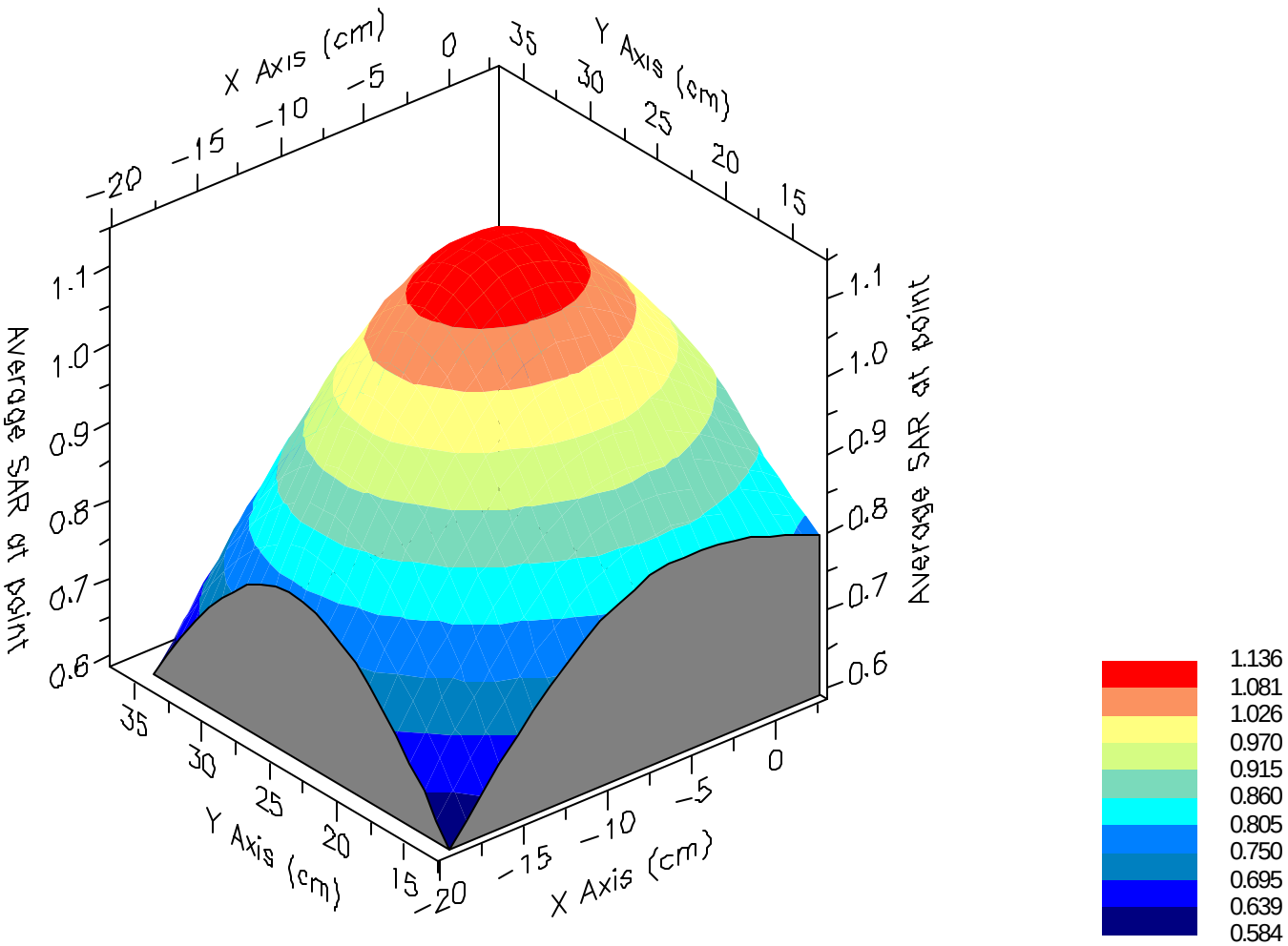
SAR Data Report 02071910

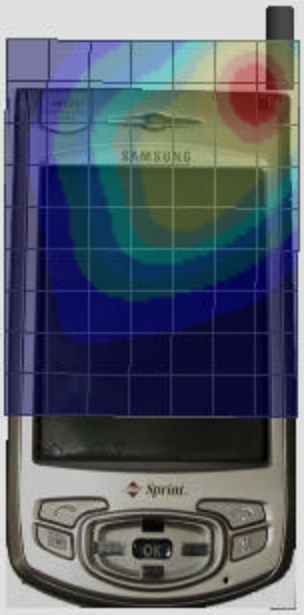
```
  Start        : 19-Jul-02 02:18:56 pm
  End          : 19-Jul-02 02:25:58 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 1880.00 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-600
  Tilt
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=-8.0 y=24.0 = 1.02 W/kg

Zoom Scan - Max Peak SAR Value at x=-7.0 y=24.0 z=0.0 = 2.03 W/kg

Max 1g SAR at x=-7.0 y=25.0 z=0.0 = 1.14 W/kg

Max 10g SAR at x=-5.0 y=24.0 z=0.0 = 0.60 W/kg
```

SAR - Z Axis
at Hotspot x:-7.0 y:24.0



1g SAR Values

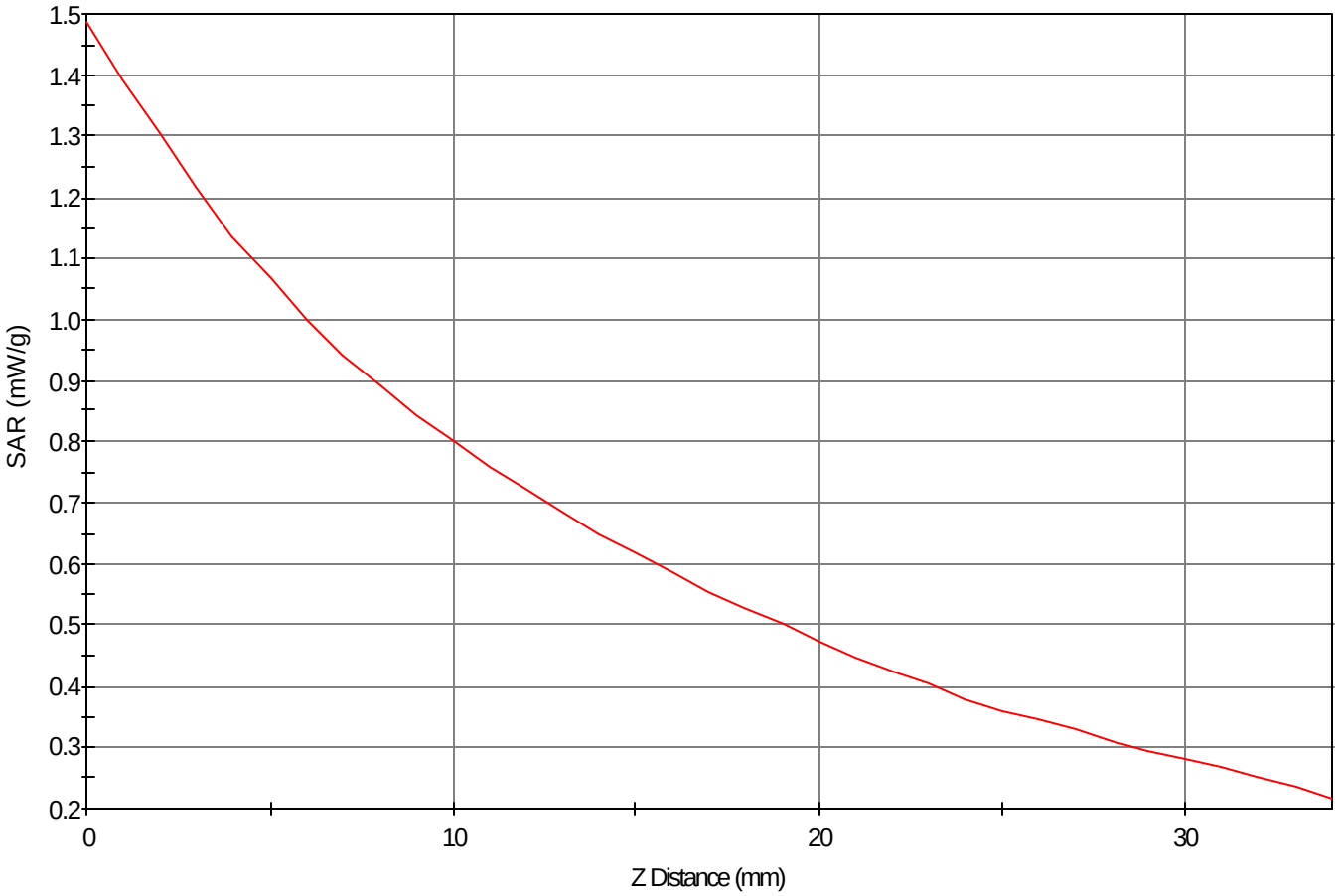



SAMSUNG
Sprint
OK

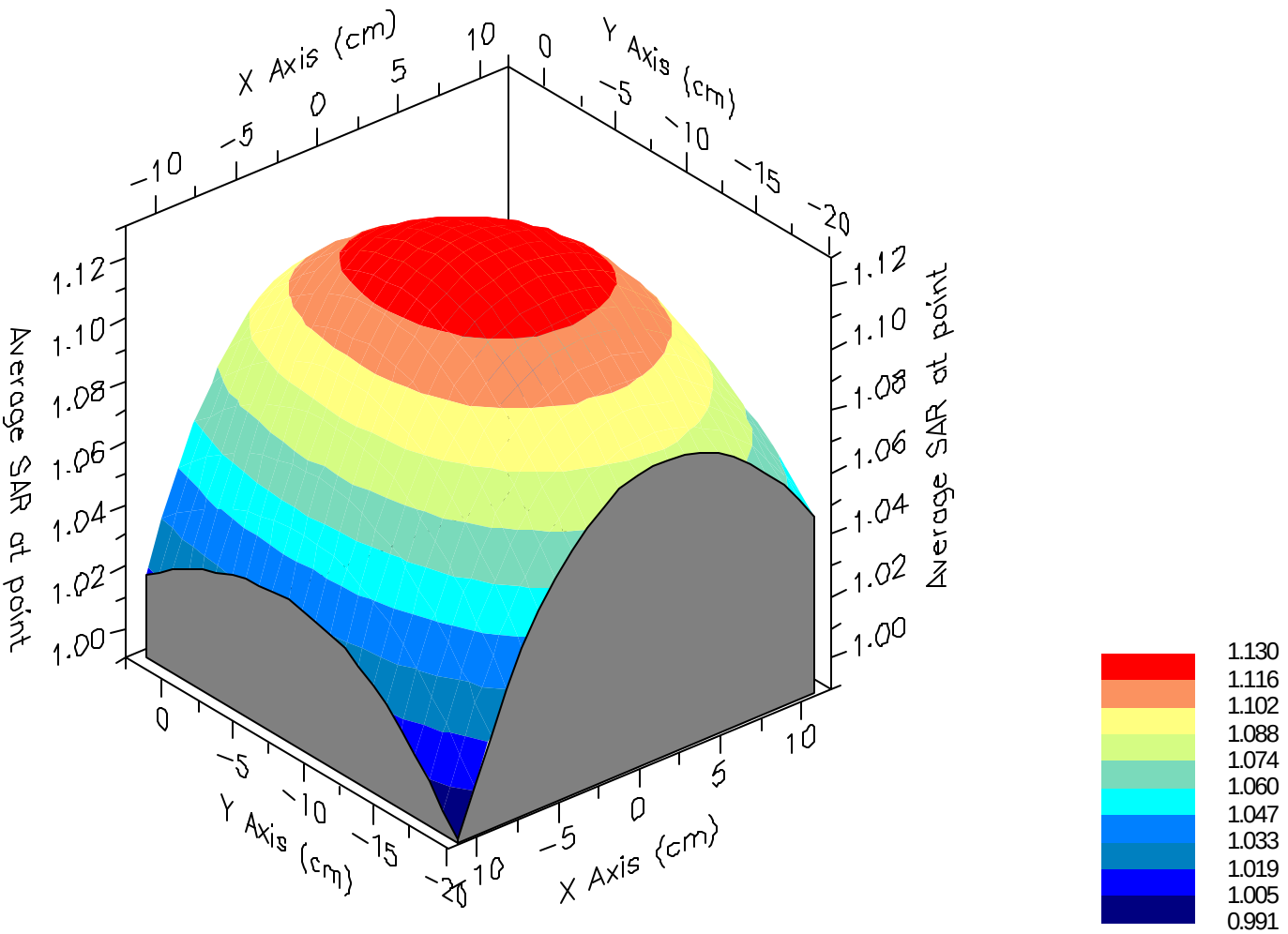
SAR Data Report 02071920

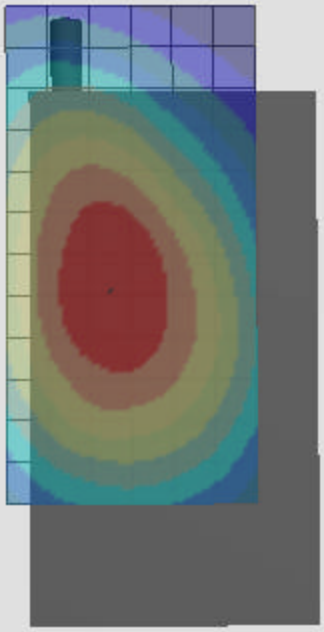
```
  Start        : 19-Jul-02 04:42:26 pm
  End          : 19-Jul-02 04:49:00 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 836.49 MHz
  Transmit Pwr     : 0.450 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:
  AMPS Mode CH-383
  Body
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=0.0 y=-9.0 = 1.11 W/kg

Zoom Scan - Max Peak SAR Value at x=-5.0 y=-7.0 z=0.0 = 1.49 W/kg

Max 1g SAR at x=0.0 y=-8.0 z=0.0 = 1.13 W/kg

Max 10g SAR at x=2.0 y=-9.0 z=0.0 = 0.83 W/kg
```

SAR - Z Axis
at Hotspot x:-5.0 y:-7.0



1g SAR Values

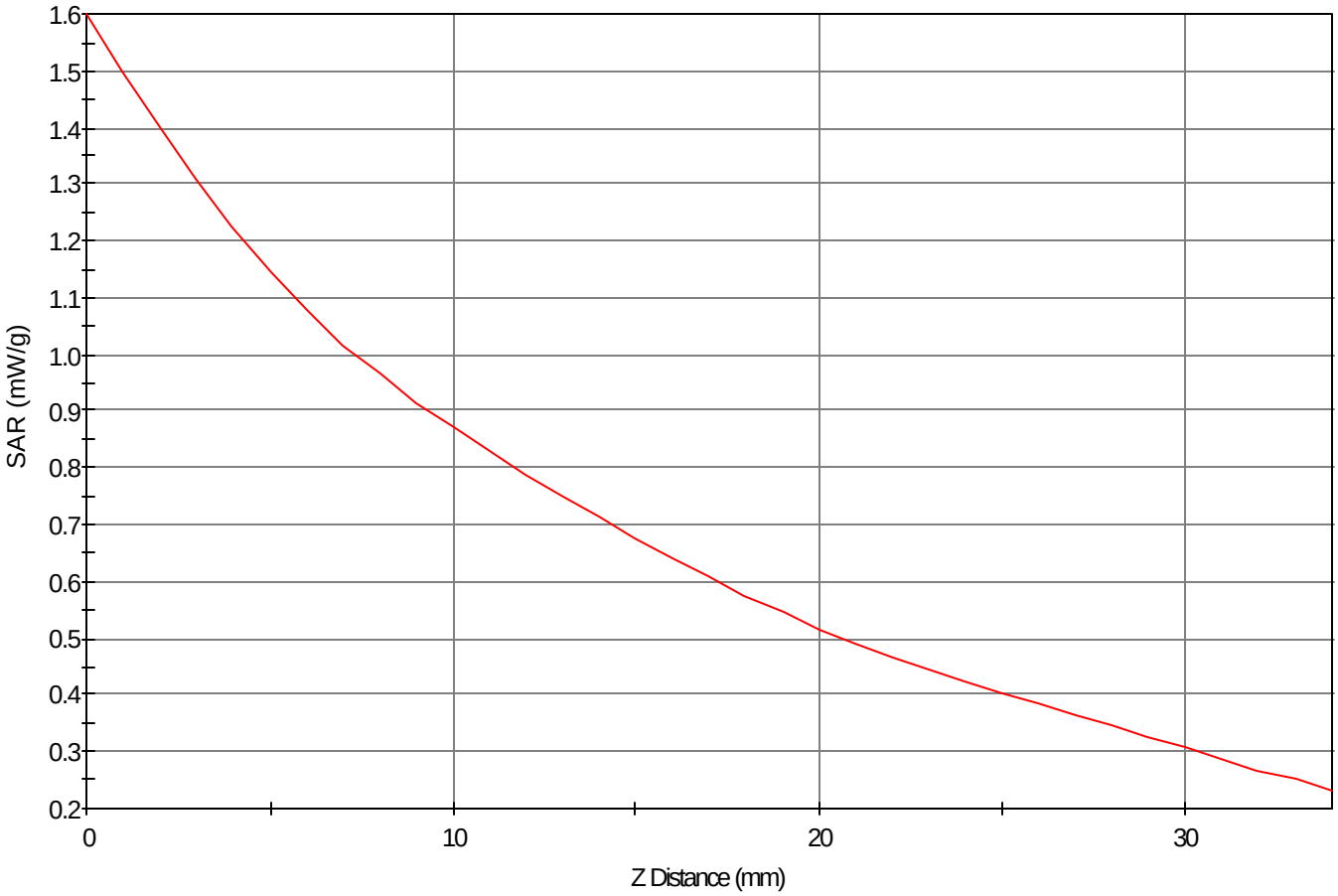




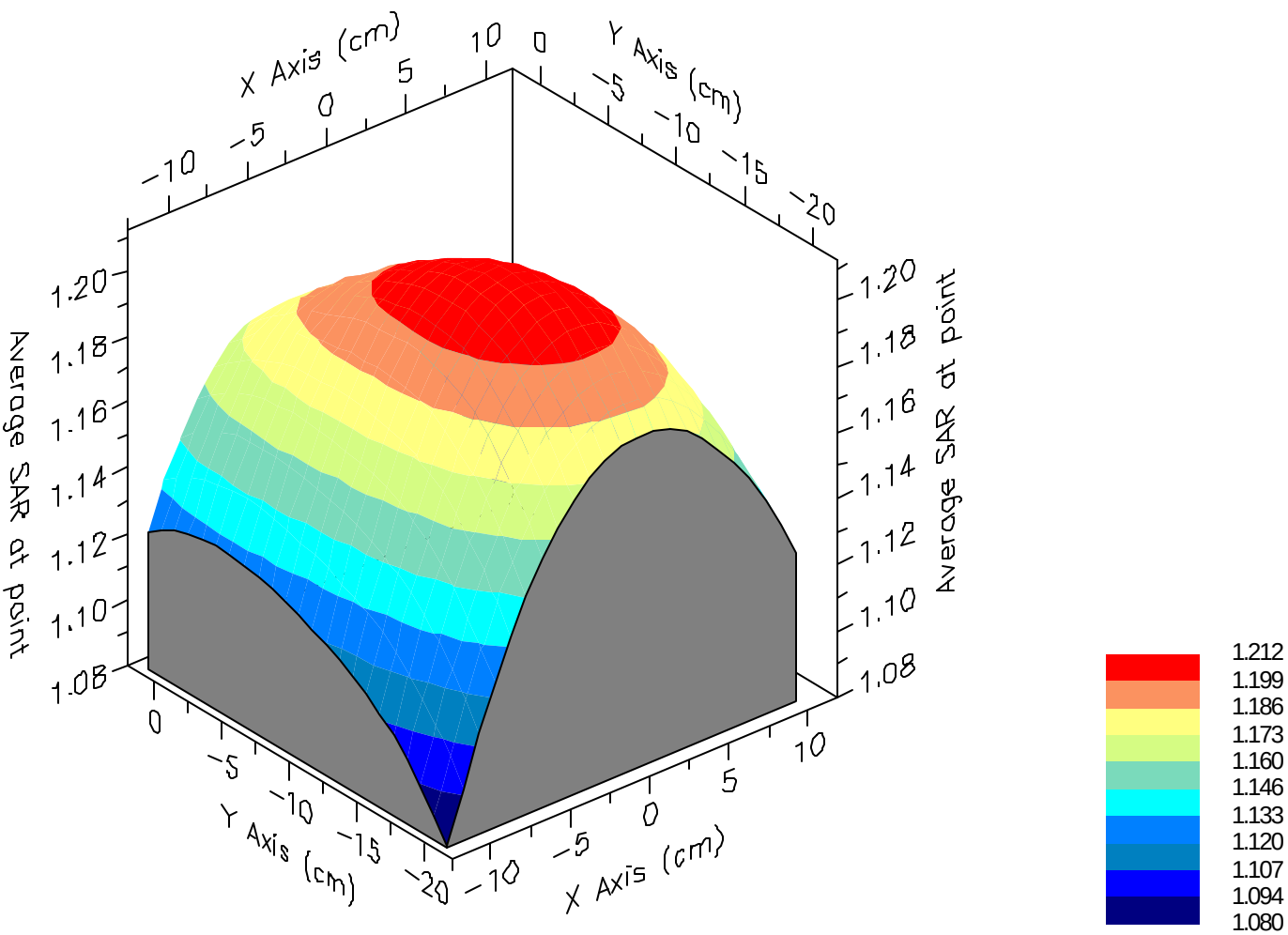
SAR Data Report 02071923

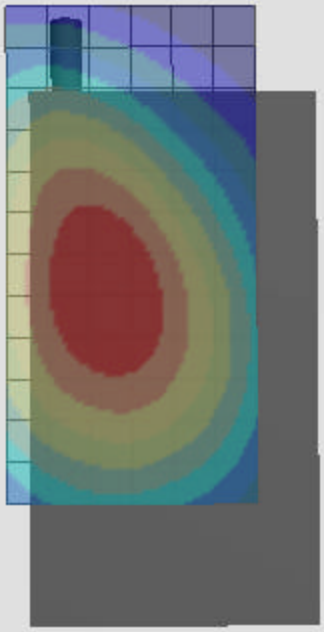
```
  Start        : 19-Jul-02 05:16:56 pm
  End          : 19-Jul-02 05:23:21 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 835.89 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-363
  Body
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=-1.0 y=-10.0 = 1.18 W/kg

Zoom Scan - Max Peak SAR Value at x=-4.0 y=-16.0 z=0.0 = 1.60 W/kg

Max 1g SAR at x=-1.0 y=-13.0 z=0.0 = 1.21 W/kg

Max 10g SAR at x=0.0 y=-11.0 z=0.0 = 0.89 W/kg
```

SAR - Z Axis
at Hotspot x:-4.0 y:-16.0



1g SAR Values

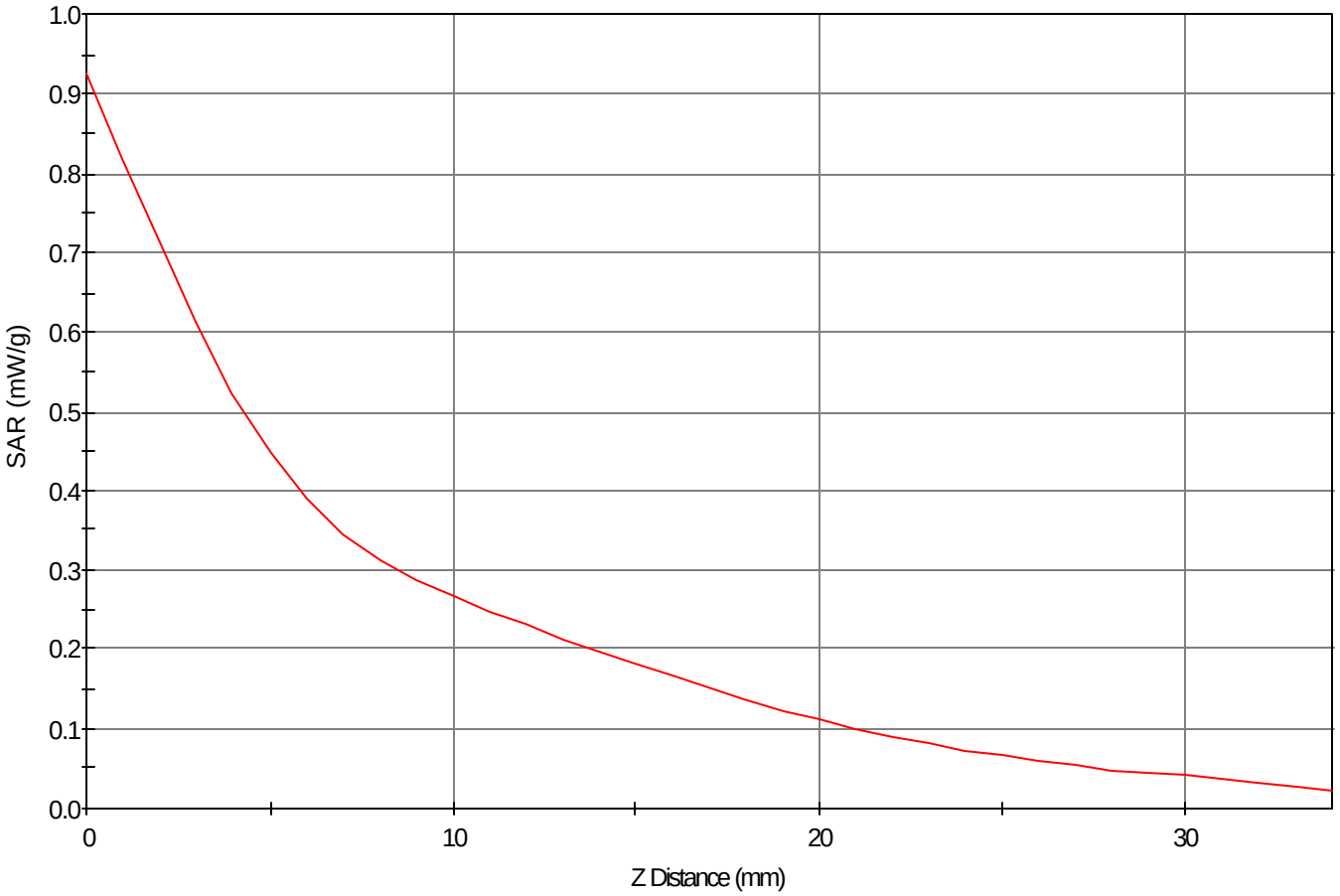


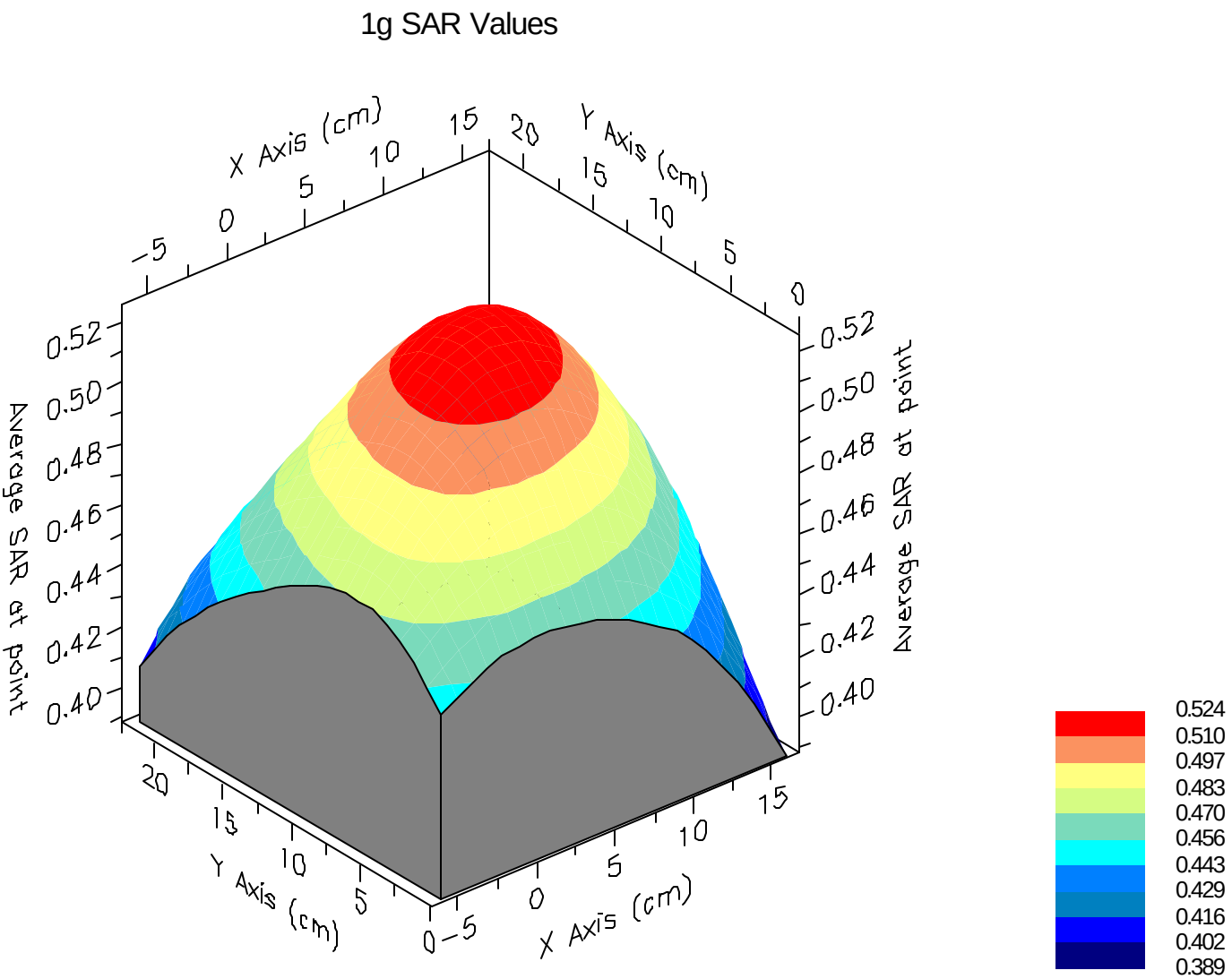


SAR Data Report 02071927

```
  Start        : 19-Jul-02 06:03:23 pm
  End          : 19-Jul-02 06:09:59 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : SAMSUNG
  Model Number     : SPH-i700
  Serial Number    : F1BE9344
  Frequency        : 1880.00 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-600
  Body
  CF=1; Amb. Temp= 22.4 'C; Liq. Temp=22.1 'C



Area Scan - Max Peak SAR Value at x=5.0 y=11.0 = 0.46 W/kg

Zoom Scan - Max Peak SAR Value at x=5.0 y=10.0 z=0.0 = 0.93 W/kg

Max 1g SAR at x=6.0 y=11.0 z=0.0 = 0.52 W/kg

Max 10g SAR at x=5.0 y=11.0 z=0.0 = 0.31 W/kg
```

SAR - Z Axis
at Hotspot x:5.0 y:10.0




1g SAR Values
X Axis (cm)
Y Axis (cm)
Average SAR at point
0.524
0.510
0.497
0.483
0.470
0.456
0.443
0.429
0.416
0.402
0.389