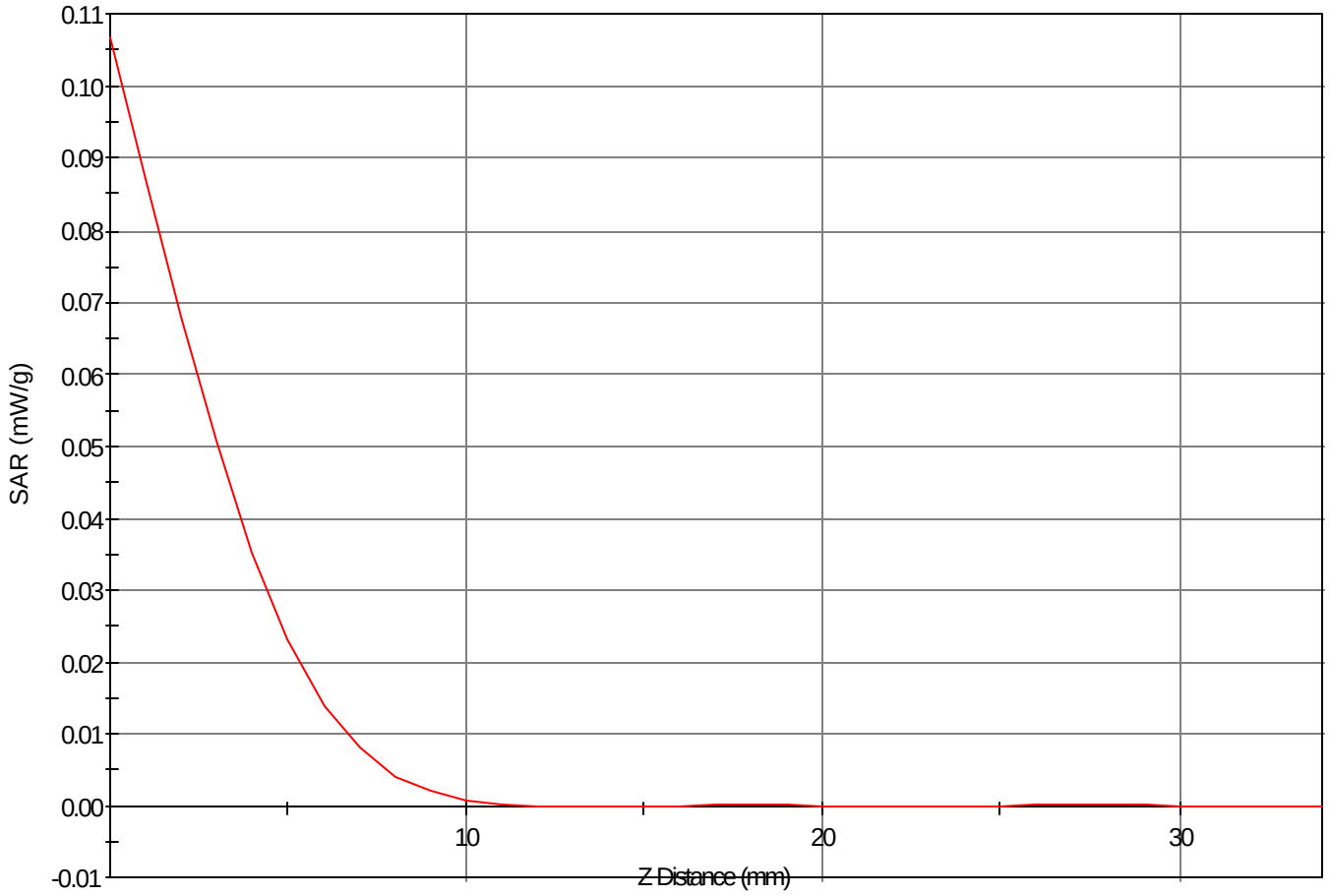
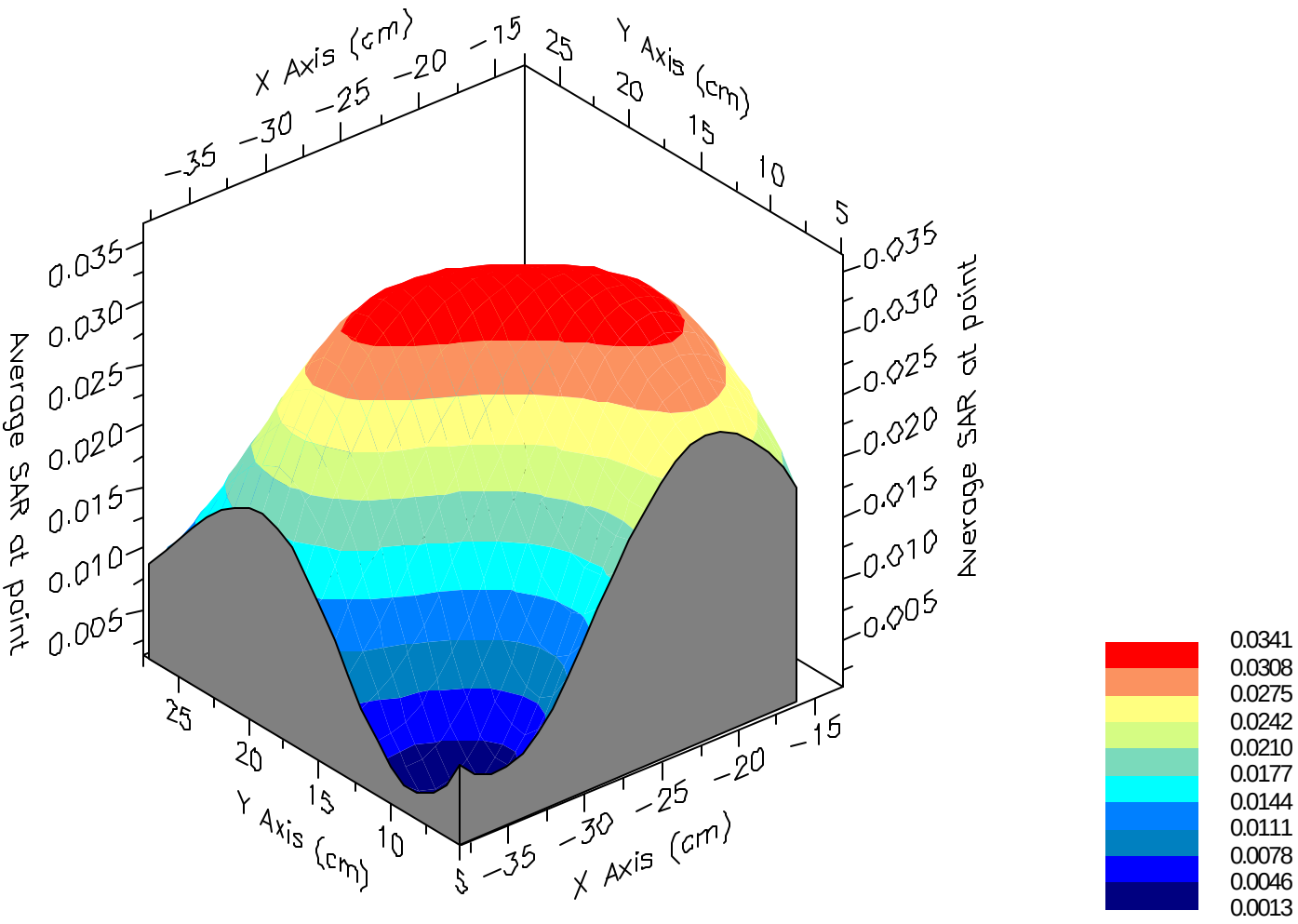
SAR Data Report 02051407

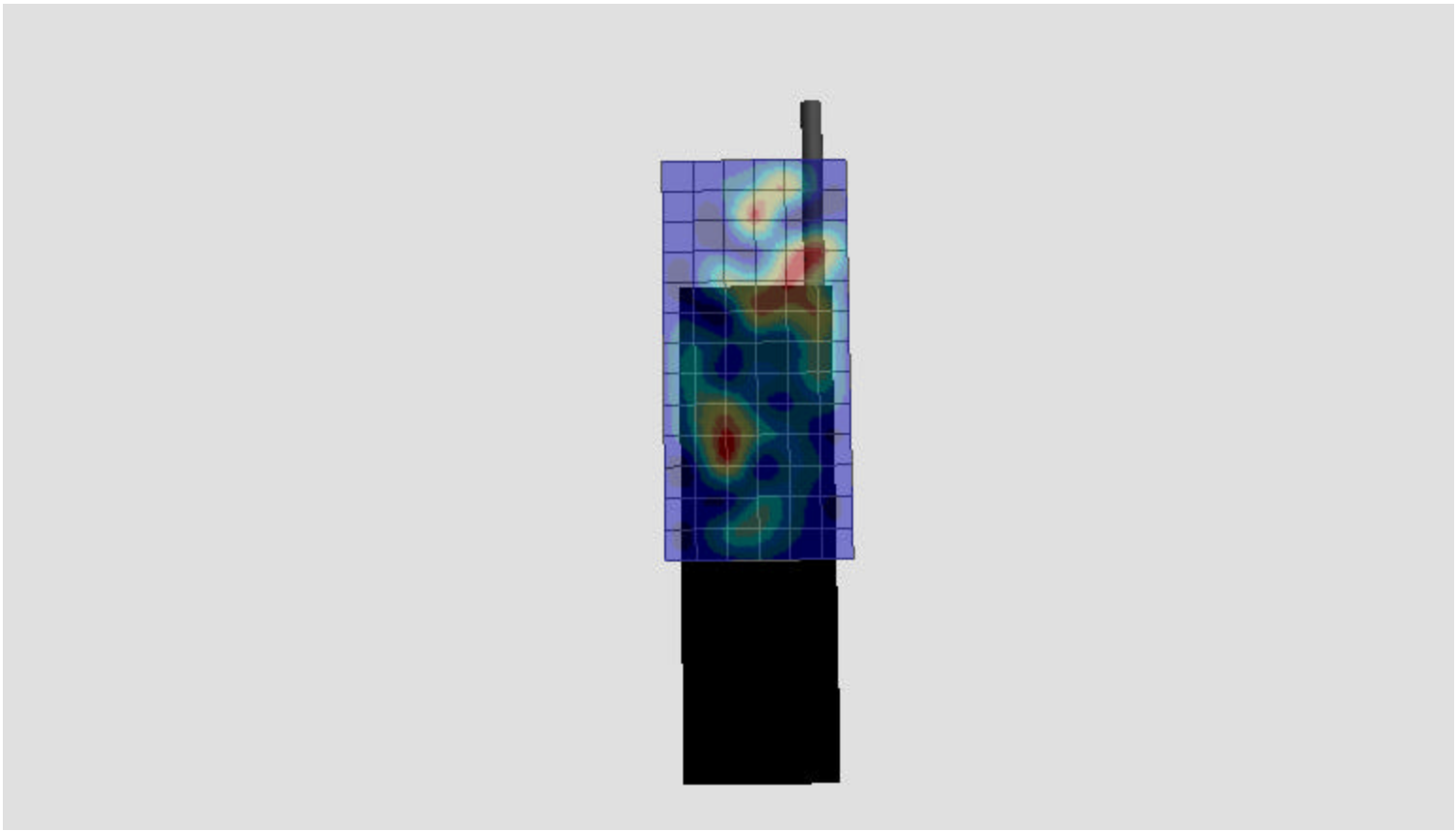
```
  Start        : 14-May-02 10:36:14 am
  End          : 14-May-02 10:42:55 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : PANASONIC
  Model Number     : KX-TG2382
  Frequency        : 2480.293 MHz
  Transmit Pwr     : 0.344 W
  Antenna Type     : Helical
  Antenna Posn.    : Fixed

Measurement Data:
  Phantom Name        : SAM-R
  Phantom Type        : Right Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 39.400
  Tissue Conductivity : 1.880
  Tissue Density      : 1.000
  Robot Name          : CRS

Probe Data:
  Probe Name              : PCT25
  Probe Type              : E Fld Triangle
  Frequency               : 2450 MHz
  Tissue Type             : Brain
  Calibrated Dielectric   : 37.100
  Calibrated Conductivity :  1.840
  Calibrated Density      :  1.000
  Probe Offset            :  2.400 mm
  Conversion Factor       : 16.400
  Probe Sensitivity :  0.753   0.726   0.683   mV/(mW/cm^2)
  Amplifier Gains   :  20.00   20.00   20.00

Sample:
  Rate:         6000 Samples/Sec
  Count:        100 Samples
  NIDAQ Gain:   5

Comments:
  FHSS CH-90
  Cheek
  CF=1; Amb. Temp= 21.5 'C; Liq. Temp=21.2 'C



Area Scan - Max Peak SAR Value at x=-27.0 y=16.0 = 0.01 W/kg

Zoom Scan - Max Peak SAR Value at x=-33.0 y=18.0 z=0.0 = 0.11 W/kg

Max 1g SAR at x=-28.0 y=17.0 z=0.0 = 0.03 W/kg

Max 10g SAR at x=-24.0 y=11.0 z=0.0 = 0.01 W/kg
```

SAR - Z Axis
at Hotspot x:-33.0 y:18.0



1g SAR Values

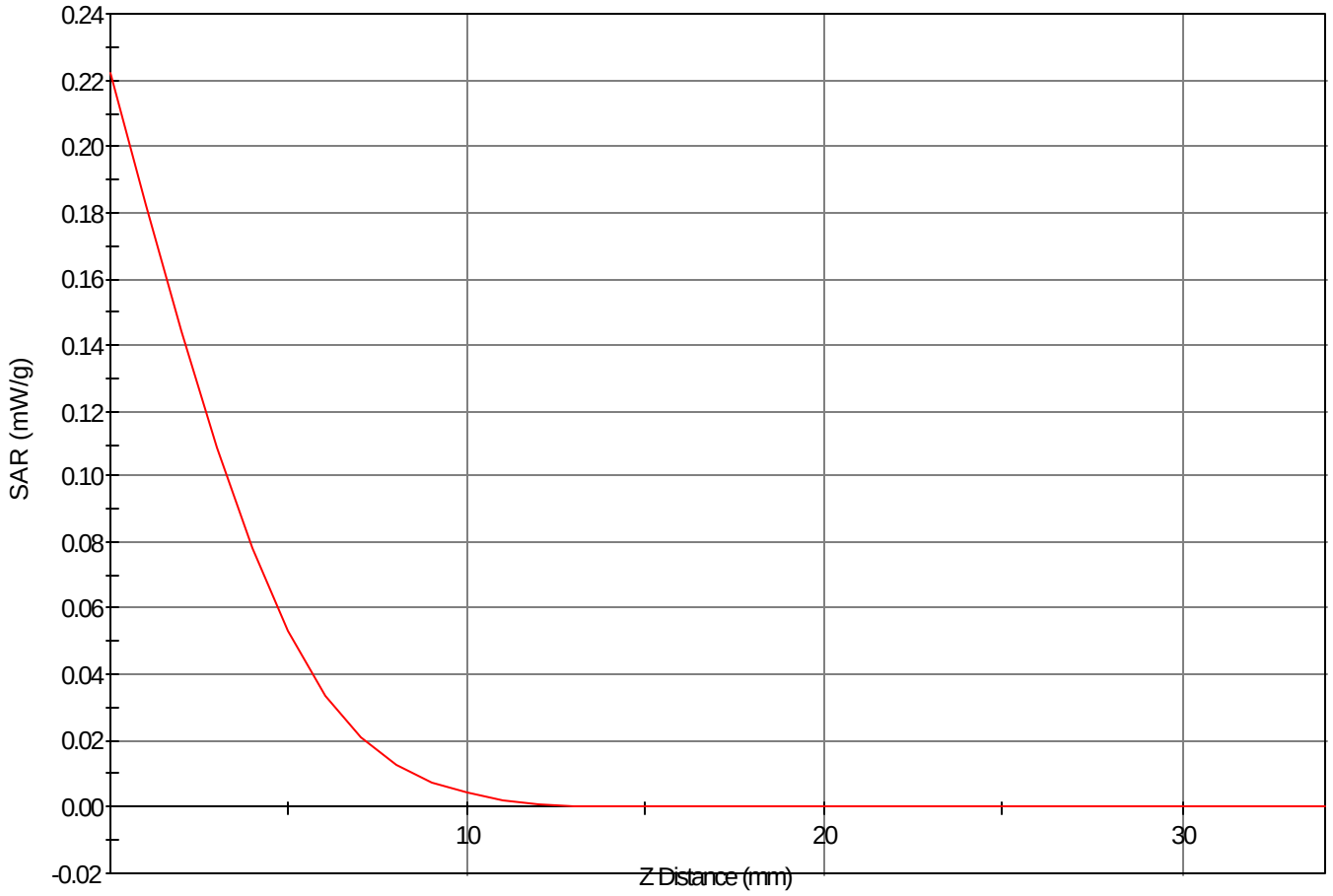




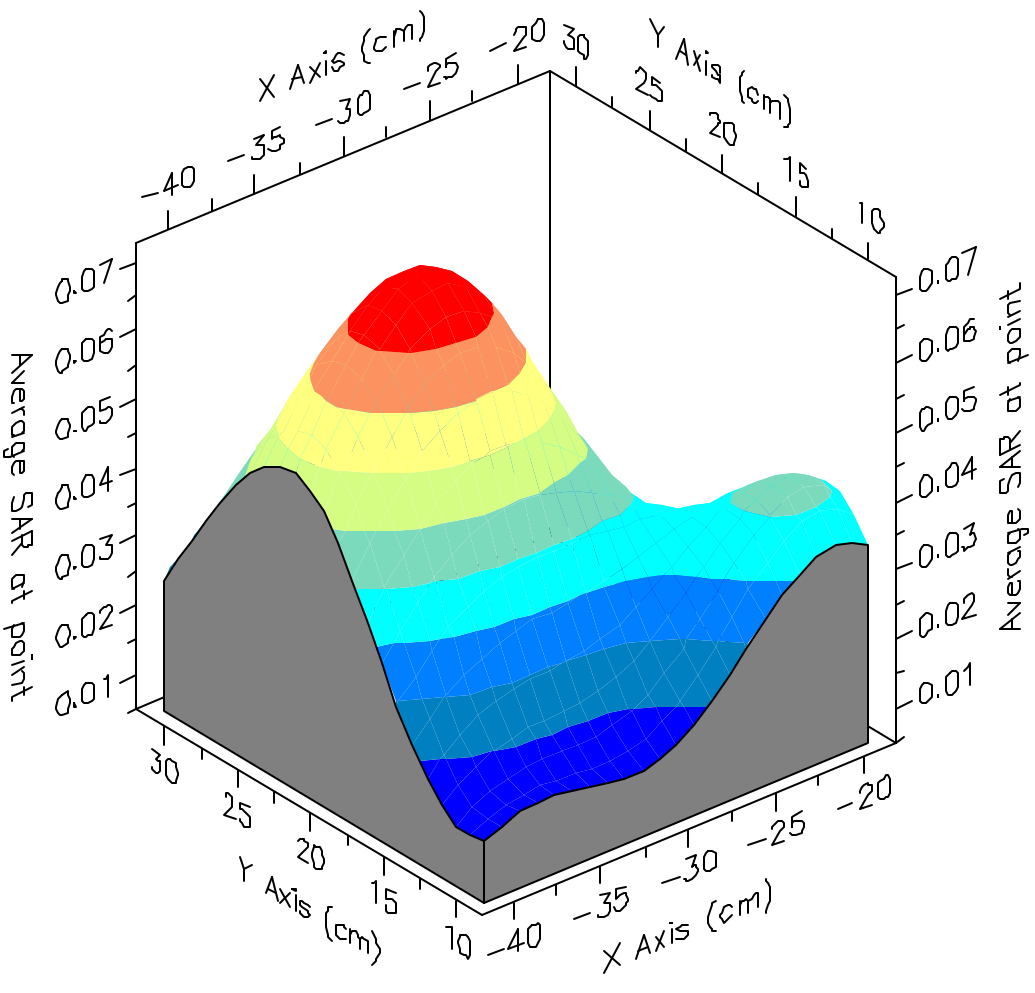
SAR Data Report 02051411

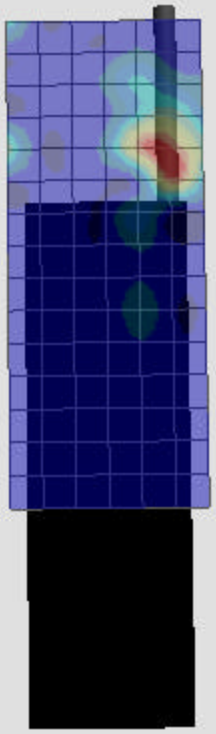
```
  Start        : 14-May-02 11:16:37 am
  End          : 14-May-02 11:24:31 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : PANASONIC
  Model Number     : KX-TG2382
  Frequency        : 2480.293 MHz
  Transmit Pwr     : 0.344 W
  Antenna Type     : Helical
  Antenna Posn.    : Fixed

Measurement Data:
  Phantom Name        : SAM-L
  Phantom Type        : Left Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 39.400
  Tissue Conductivity : 1.880
  Tissue Density      : 1.000
  Robot Name          : CRS

Probe Data:
  Probe Name              : PCT25
  Probe Type              : E Fld Triangle
  Frequency               : 2450 MHz
  Tissue Type             : Brain
  Calibrated Dielectric   : 37.100
  Calibrated Conductivity :  1.840
  Calibrated Density      :  1.000
  Probe Offset            :  2.400 mm
  Conversion Factor       : 16.400
  Probe Sensitivity :  0.753   0.726   0.683   mV/(mW/cm^2)
  Amplifier Gains   :  20.00   20.00   20.00

Sample:
  Rate:         6000 Samples/Sec
  Count:        100 Samples
  NIDAQ Gain:   5

Comments:
  FHSS CH-90
  Cheek
  CF=1; Amb. Temp= 21.5 'C; Liq. Temp=21.2 'C



Area Scan - Max Peak SAR Value at x=-30.0 y=20.0 = 0.05 W/kg

Zoom Scan - Max Peak SAR Value at x=-35.0 y=21.0 z=0.0 = 0.22 W/kg

Max 1g SAR at x=-34.0 y=22.0 z=0.0 = 0.07 W/kg

Max 10g SAR at x=-33.0 y=22.0 z=0.0 = 0.02 W/kg
```

SAR - Z Axis
at Hotspot x:-35.0 y:21.0



1g SAR Values

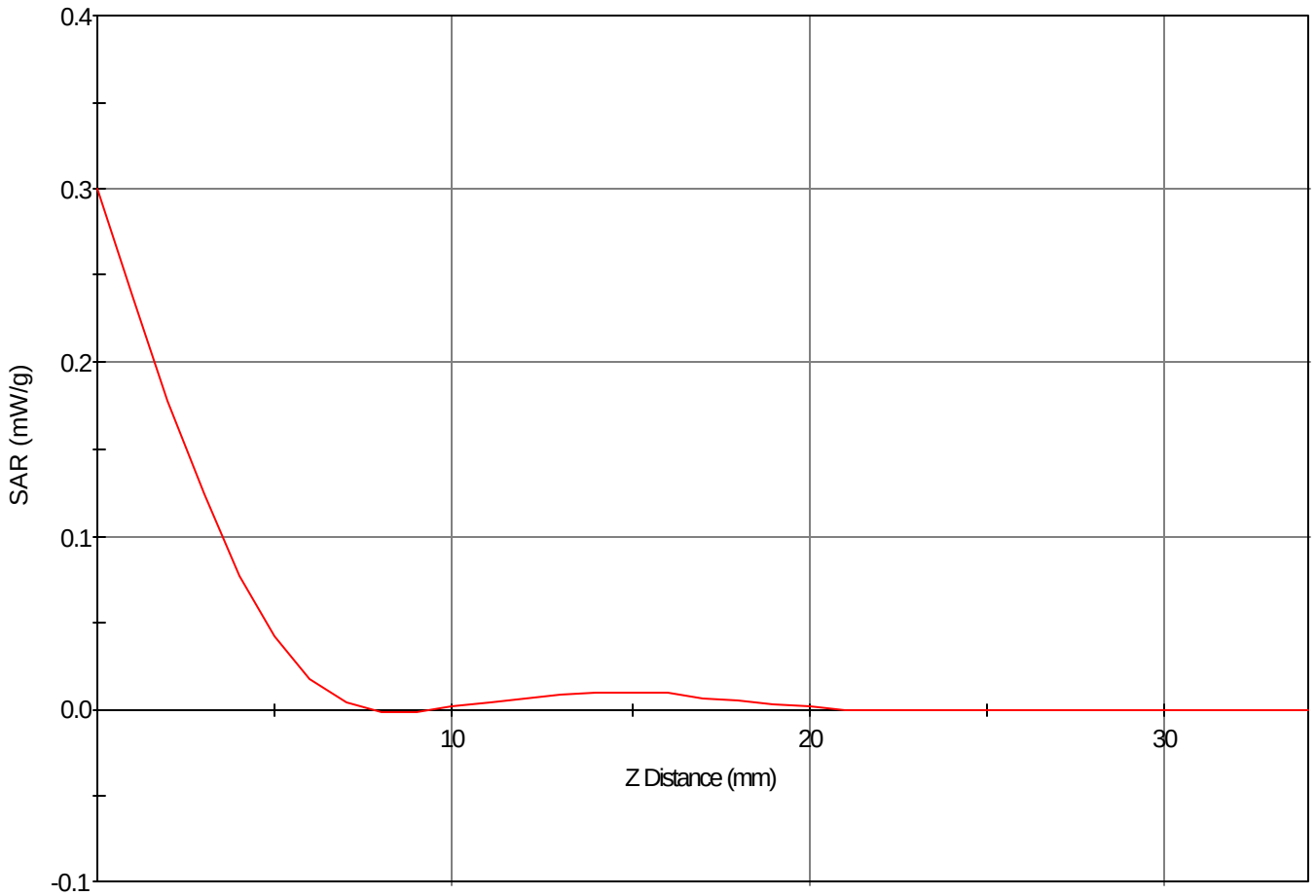




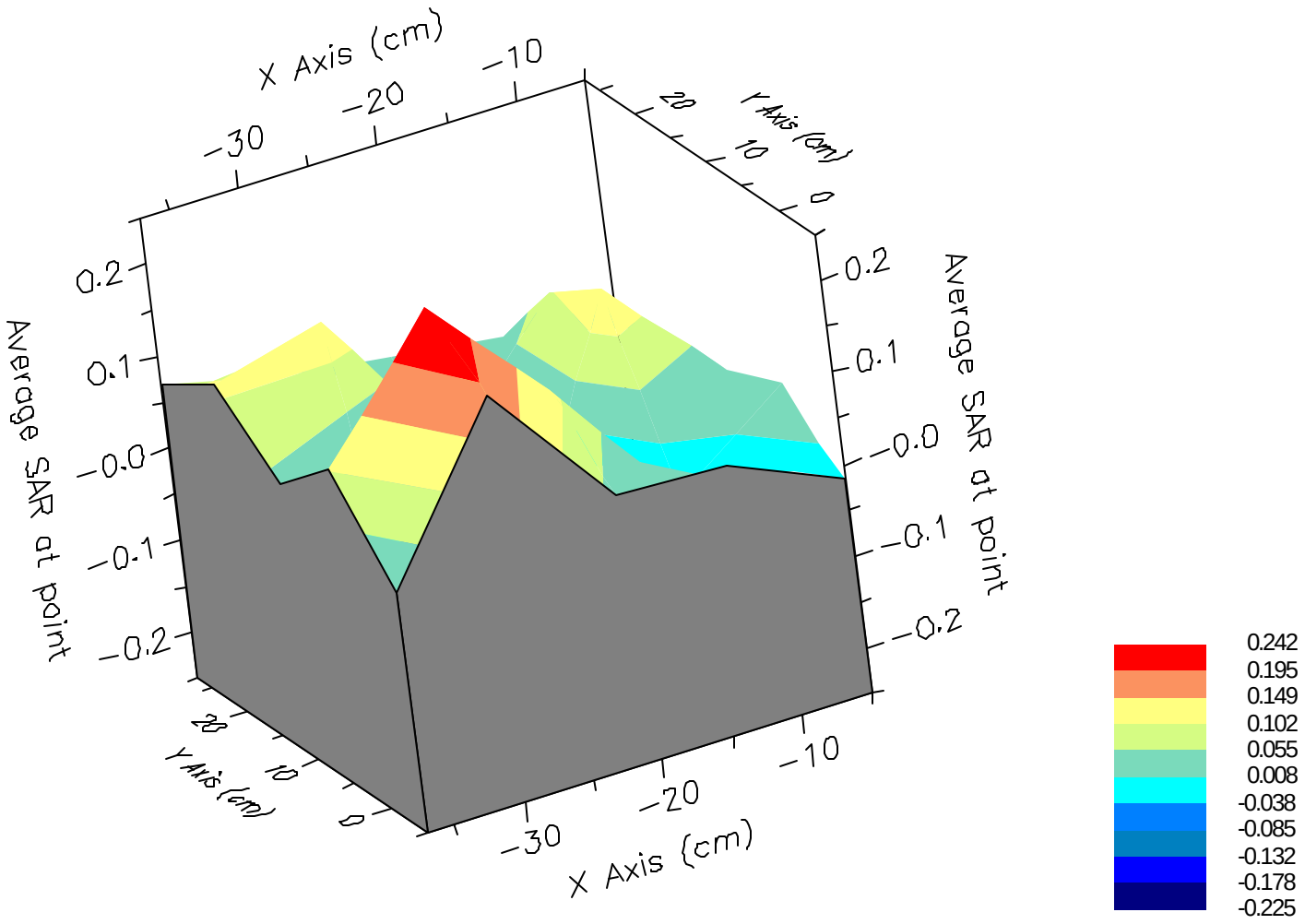
SAR Data Report 02051408

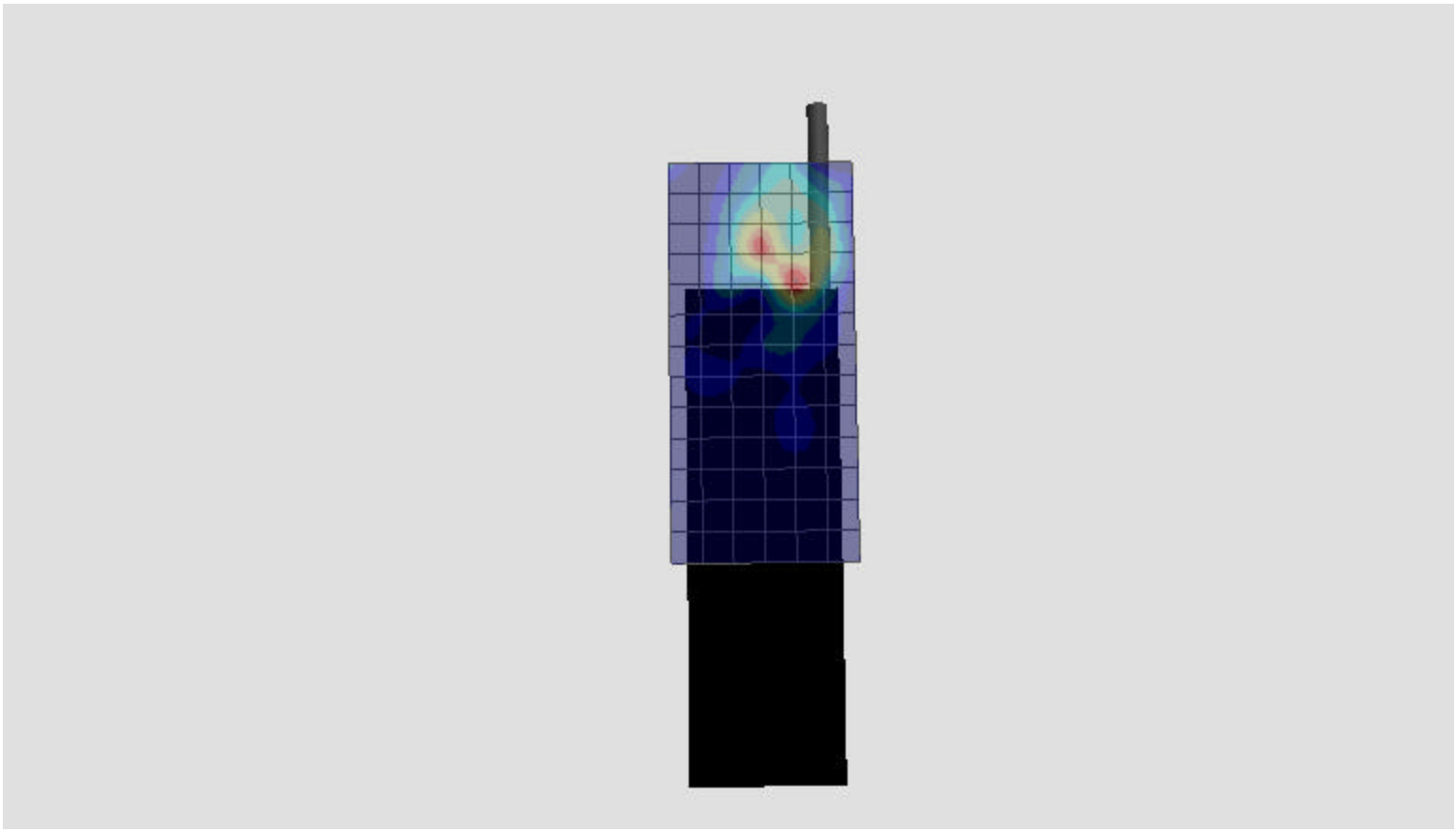
```
  Start        : 14-May-02 10:45:26 am
  End          : 14-May-02 10:52:09 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : PANASONIC
  Model Number     : KX-TG2382
  Frequency        : 2480.293 MHz
  Transmit Pwr     : 0.344 W
  Antenna Type     : Helical
  Antenna Posn.    : Fixed

Measurement Data:
  Phantom Name        : SAM-R
  Phantom Type        : Right Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 39.400
  Tissue Conductivity : 1.880
  Tissue Density      : 1.000
  Robot Name          : CRS

Probe Data:
  Probe Name              : PCT25
  Probe Type              : E Fld Triangle
  Frequency               : 2450 MHz
  Tissue Type             : Brain
  Calibrated Dielectric   : 37.100
  Calibrated Conductivity :  1.840
  Calibrated Density      :  1.000
  Probe Offset            :  2.400 mm
  Conversion Factor       : 16.400
  Probe Sensitivity :  0.753   0.726   0.683   mV/(mW/cm^2)
  Amplifier Gains   :  20.00   20.00   20.00

Sample:
  Rate:         6000 Samples/Sec
  Count:        100 Samples
  NIDAQ Gain:   5

Comments:
  FHSS CH-90
  Tilt
  CF=1; Amb. Temp= 21.5 'C; Liq. Temp=21.2 'C



Area Scan - Max Peak SAR Value at x=-21.0 y=11.0 = 0.06 W/kg

Zoom Scan - Max Peak SAR Value at x=-29.0 y=0.0 z=0.0 = 0.30 W/kg

Max 1g SAR at x=-27.0 y=0.0 z=0.0 = 0.08 W/kg

Max 10g SAR at x=-26.0 y=6.0 z=0.0 = 0.02 W/kg
```

SAR - Z Axis
at Hotspot x:-29.0 y:0.0



Fine Scan Data

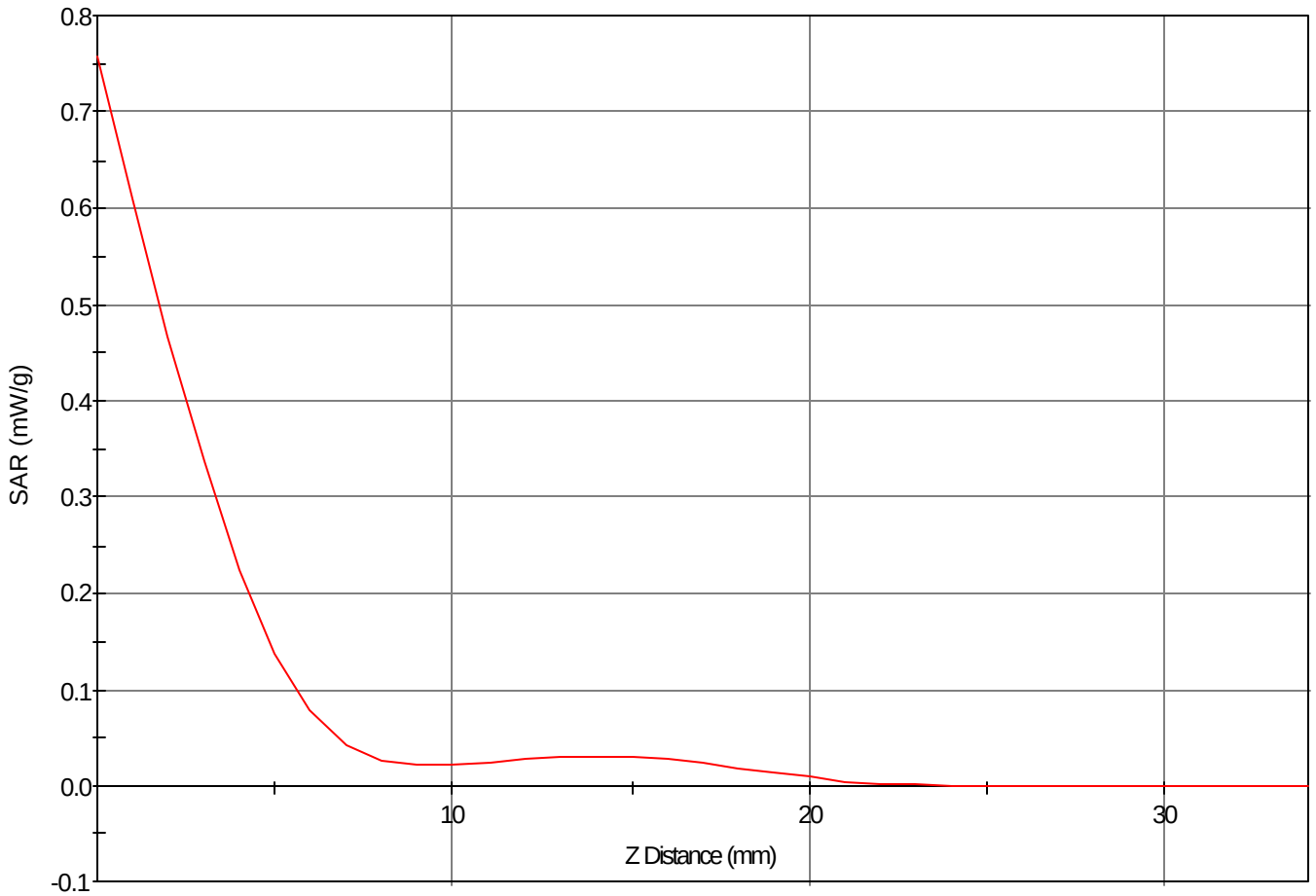




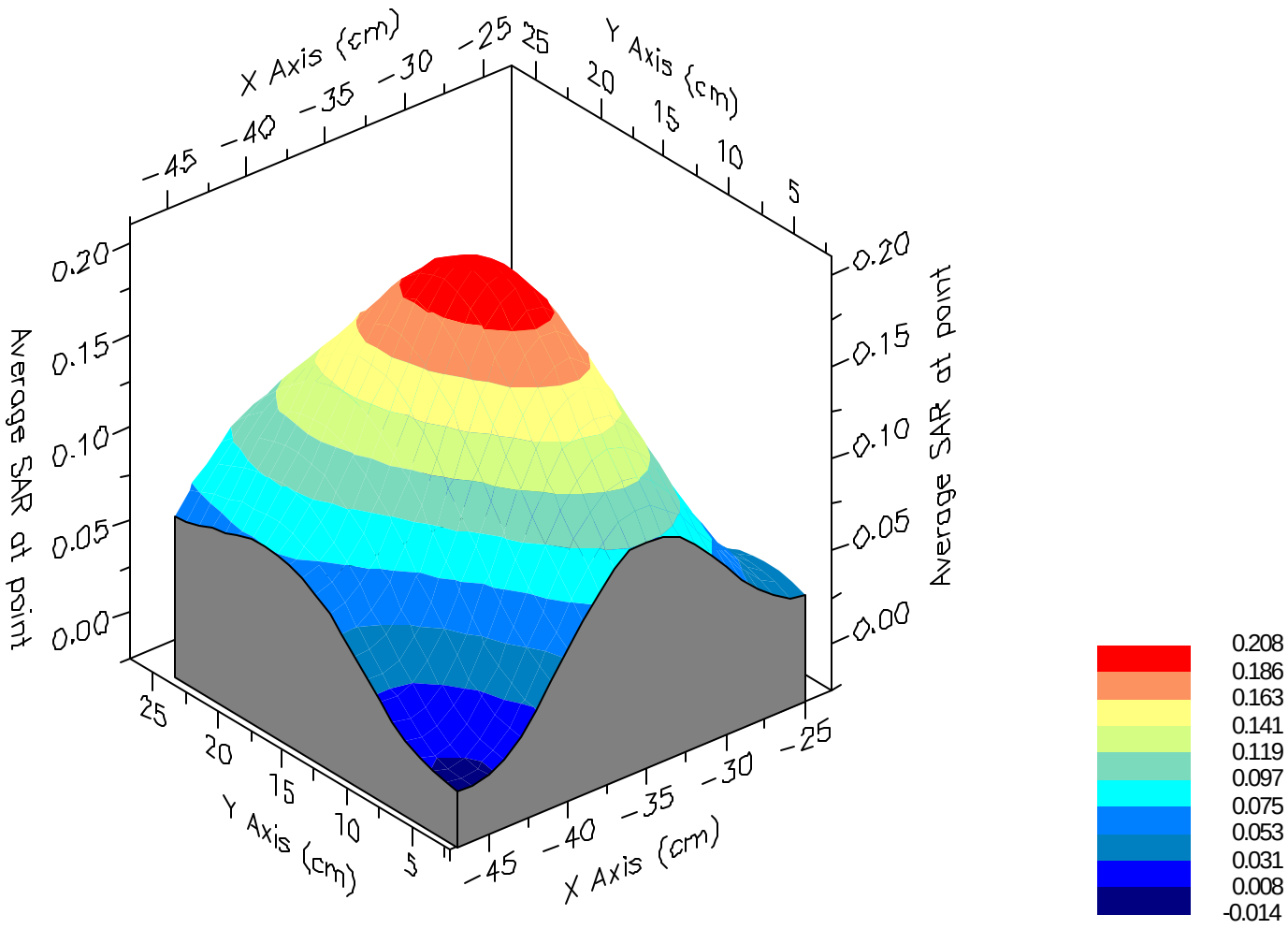
SAR Data Report 02051414

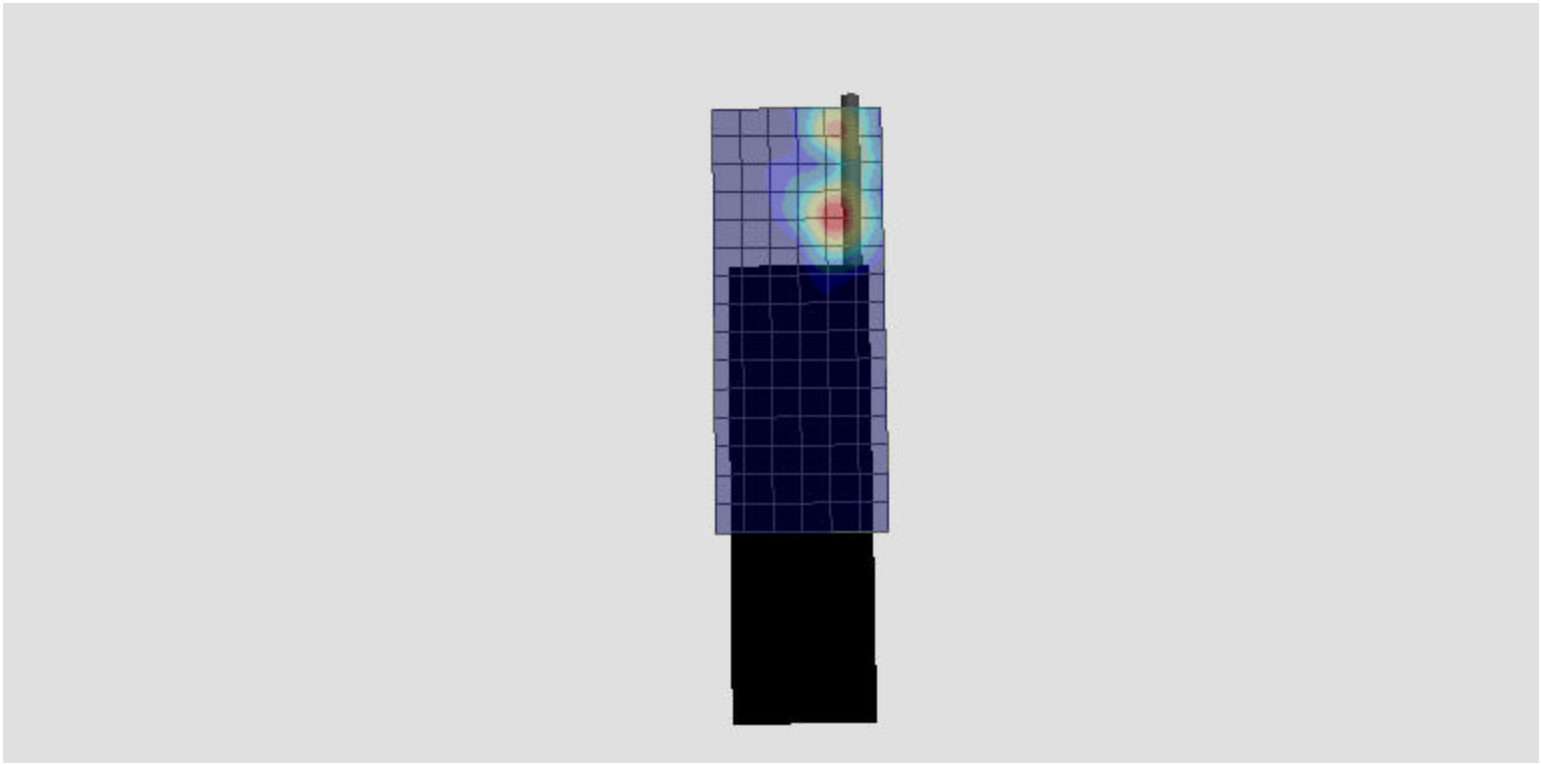
```
  Start        : 14-May-02 11:47:17 am
  End          : 14-May-02 11:55:11 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : PANASONIC
  Model Number     : KX-TG2382
  Frequency        : 2480.293 MHz
  Transmit Pwr     : 0.344 W
  Antenna Type     : Helical
  Antenna Posn.    : Fixed

Measurement Data:
  Phantom Name        : SAM-L
  Phantom Type        : Left Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 39.400
  Tissue Conductivity : 1.880
  Tissue Density      : 1.000
  Robot Name          : CRS

Probe Data:
  Probe Name              : PCT25
  Probe Type              : E Fld Triangle
  Frequency               : 2450 MHz
  Tissue Type             : Brain
  Calibrated Dielectric   : 37.100
  Calibrated Conductivity :  1.840
  Calibrated Density      :  1.000
  Probe Offset            :  2.400 mm
  Conversion Factor       : 16.400
  Probe Sensitivity :  0.753   0.726   0.683   mV/(mW/cm^2)
  Amplifier Gains   :  20.00   20.00   20.00

Sample:
  Rate:         6000 Samples/Sec
  Count:        100 Samples
  NIDAQ Gain:   5

Comments:
  FHSS CH90
  Tilt
  CF=1; Amb. Temp= 21.5 'C; Liq. Temp=21.2 'C



Area Scan - Max Peak SAR Value at x=-36.0 y=13.0 = 0.14 W/kg

Zoom Scan - Max Peak SAR Value at x=-37.0 y=12.0 z=0.0 = 0.76 W/kg

Max 1g SAR at x=-36.0 y=13.0 z=0.0 = 0.21 W/kg

Max 10g SAR at x=-41.0 y=15.0 z=0.0 = 0.06 W/kg
```

SAR - Z Axis
at Hotspot x:-37.0 y:12.0



1g SAR Values

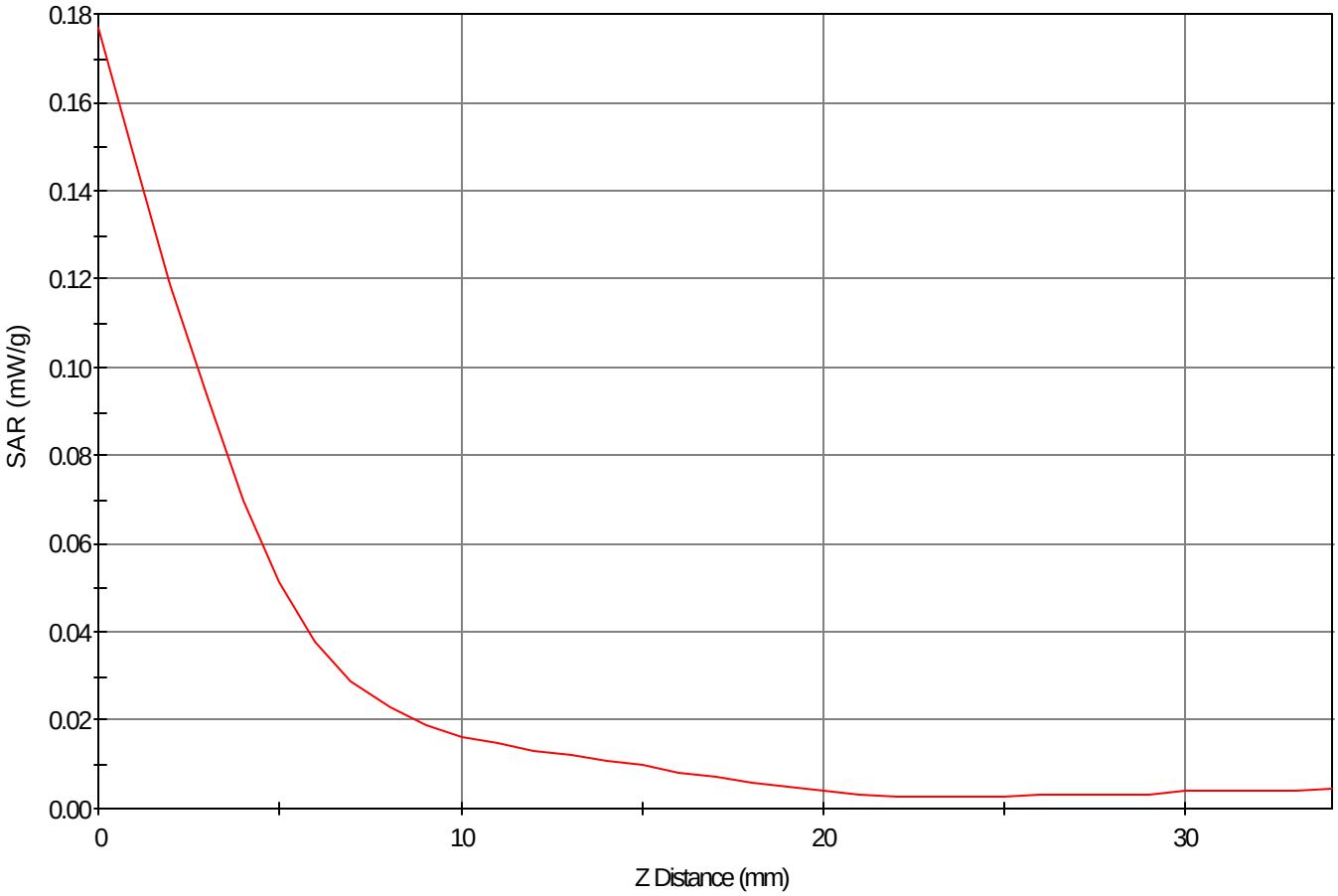




SAR Data Report 02051305

```
  Start        : 13-May-02 12:19:21 pm
  End          : 13-May-02 12:26:04 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : PANASONIC
  Model Number     : KX-TG2382
  Frequency        : 2480.293 MHz
  Transmit Pwr     : 0.344 W
  Antenna Type     : Helical
  Antenna Posn.    : Fixed

Measurement Data:
  Phantom Name        : SAM-FLAT
  Phantom Type        : Uniphantom
  Tissue Type         : Muscle
  Tissue Dielectric   : 52.000
  Tissue Conductivity : 1.920
  Tissue Density      : 1.000
  Robot Name          : CRS

Probe Data:
  Probe Name              : PCT25
  Probe Type              : E Fld Triangle
  Frequency               : 2450 MHz
  Tissue Type             : Muscle
  Calibrated Dielectric   : 49.200
  Calibrated Conductivity :  1.950
  Calibrated Density      :  1.000
  Probe Offset            :  2.400 mm
  Conversion Factor       : 16.500
  Probe Sensitivity :  0.753   0.726   0.683   mV/(mW/cm^2)
  Amplifier Gains   :  20.00   20.00   20.00

Sample:
  Rate:         6000 Samples/Sec
  Count:        100 Samples
  NIDAQ Gain:   5

Comments:
  FHSS CH-90
  Body
  CF=1; Amb. Temp= 21.5 'C; Liq. Temp=21.2 'C




Area Scan - Max Peak SAR Value at x=17.0 y=-54.0 = 0.06 W/kg

Zoom Scan - Max Peak SAR Value at x=14.0 y=-60.0 z=0.0 = 0.18 W/kg

Max 1g SAR at x=15.0 y=-57.0 z=0.0 = 0.07 W/kg

Max 10g SAR at x=17.0 y=-55.0 z=0.0 = 0.02 W/kg
```

SAR - Z Axis
at Hotspot x:14.0 y:-60.0



1g SAR Values