```
SAR Data Report 02112502

   Start        : 25-Nov-02 09:16:51 am
   End          : 25-Nov-02 09:23:26 am
   Code Version : 4.08
   Robot Version: 4.08

Product Data:
   Type            : Dipole
   Frequency       : 835 MHz
   Transmit Pwr    : 0.250 W
   Antenna Type    : Dipole
   Antenna Posn.   : Validation

Measurement Data:
   Phantom Name        : SAM-FLAT
   Phantom Type        : Uniphantom
   Tissue Type         : Brain
   Tissue Dielectric   : 42.000
   Tissue Conductivity : 0.890
   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:
   835 MHz Validation

   CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C




Area Scan - Max Peak SAR Value at x=1.0 y=-1.0 = 2.13 W/kg

Zoom Scan - Max Peak SAR Value at x=1.0 y=-1.0 z=0.0 = 3.31 W/kg

Max 1g SAR at x=2.0 y=0.0 z=0.0 = 2.24 W/kg

Max 10g SAR at x=2.0 y=-1.0 z=0.0 = 1.44 W/kg

Validation Results at 0.25 W:
Peak Nominal = 3.5, Error:  -6.06 %
1g Nominal   = 2.4, Error:  -5.49 %
10g Nominal  = 1.6, Error:  -7.38 %
```
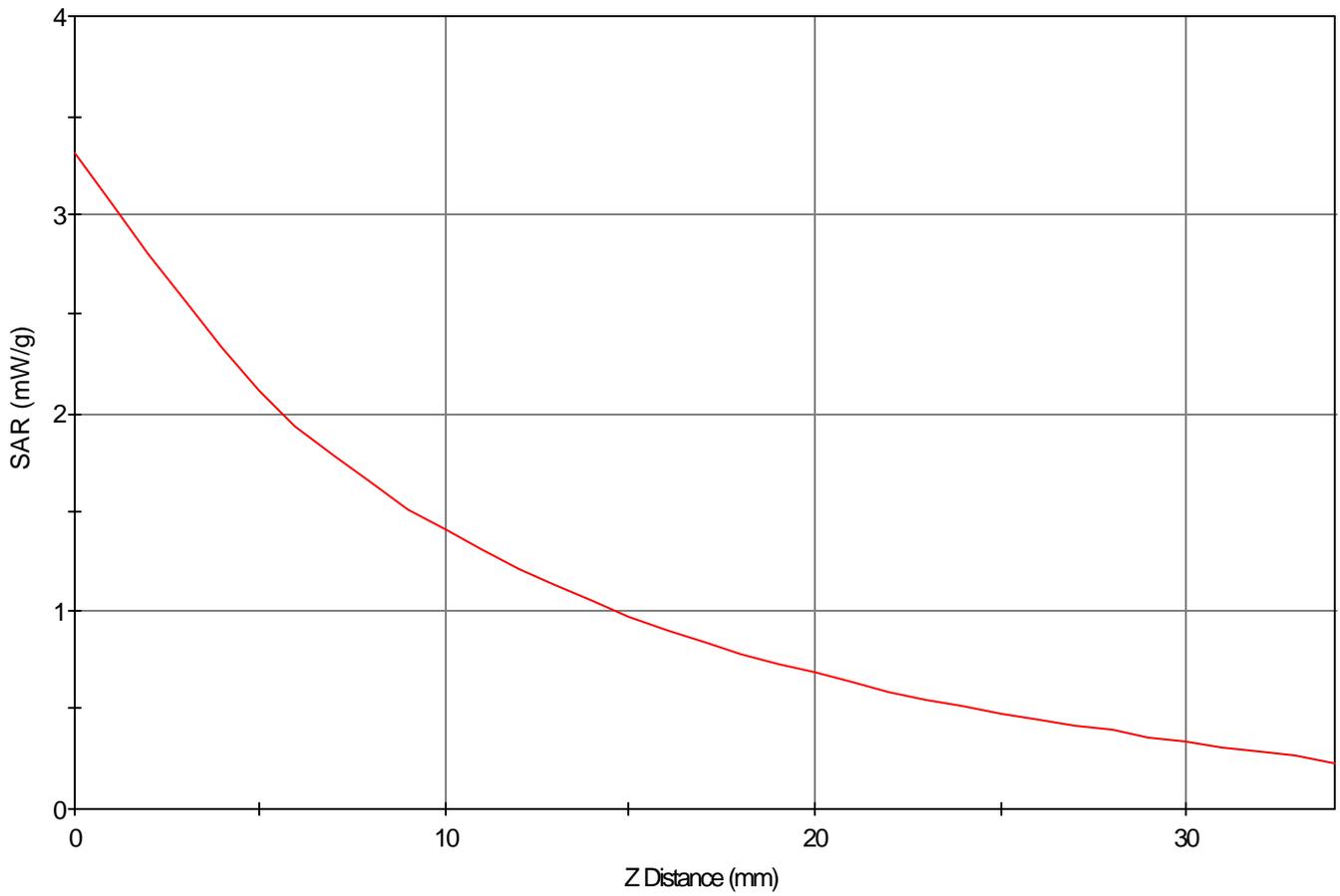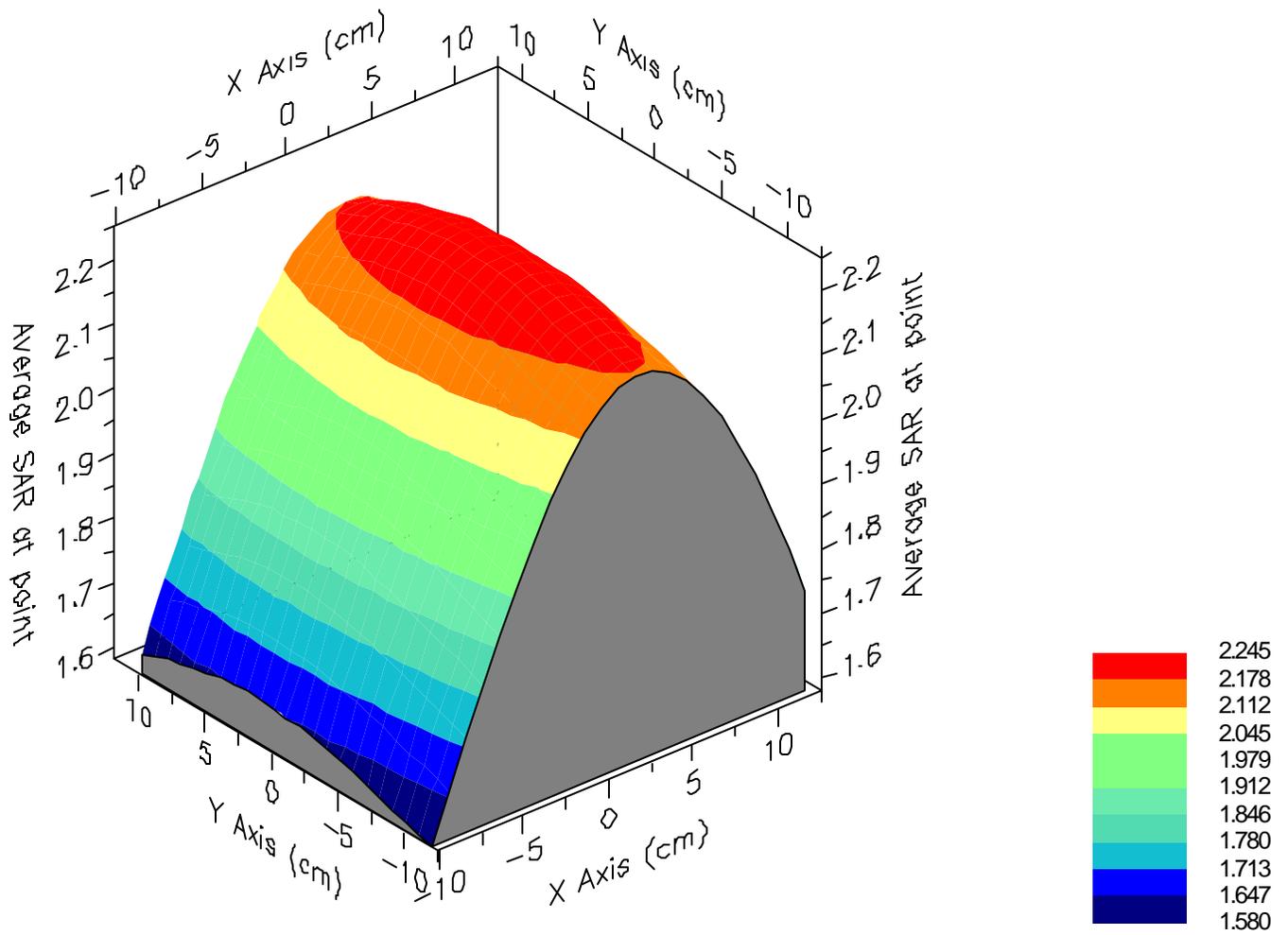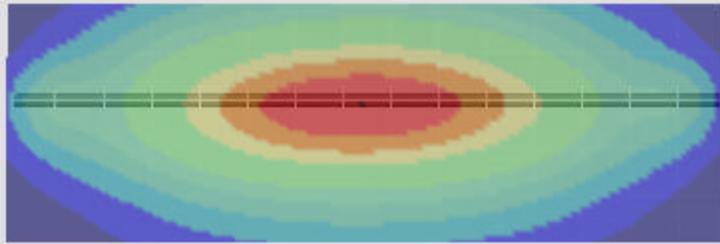
SAR - Z Axis
at Hotspot x:1.0 y:-1.0

1g SAR Values

```
SAR Data Report 02112501

   Start        : 25-Nov-02 08:52:57 pm
   End          : 25-Nov-02 08:58:35 pm
   Code Version : 4.08
   Robot Version: 4.08

Product Data:
   Type            : Validation
   Frequency       : 1900 MHz
   Transmit Pwr    : 0.250 W
   Antenna Type    : Dipole
   Antenna Posn.   : Validation

Measurement Data:
   Phantom Name        : SAM FLAT2
   Phantom Type        : Uniphantom
   Tissue Type         : Brain
   Tissue Dielectric   : 40.400
   Tissue Conductivity : 1.380
   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:
   1900 MHz Validation

   CF=1; Amb. Temp= 22.5 'C; Liq. Temp=22.1 'C




Area Scan - Max Peak SAR Value at x=1.0 y=-1.0 = 8.63 W/kg

Zoom Scan - Max Peak SAR Value at x=2.0 y=-2.0 z=0.0 = 15.78 W/kg

Max 1g SAR at x=2.0 y=-1.0 z=0.0 = 9.14 W/kg

Max 10g SAR at x=2.0 y=0.0 z=0.0 = 4.65 W/kg

Validation Results at 0.25 W:
Peak Nominal = 18.0, Error:  -12.45 %
1g Nominal   = 9.9, Error:  -7.87 %
10g Nominal  = 5.1, Error:  -9.32 %
```
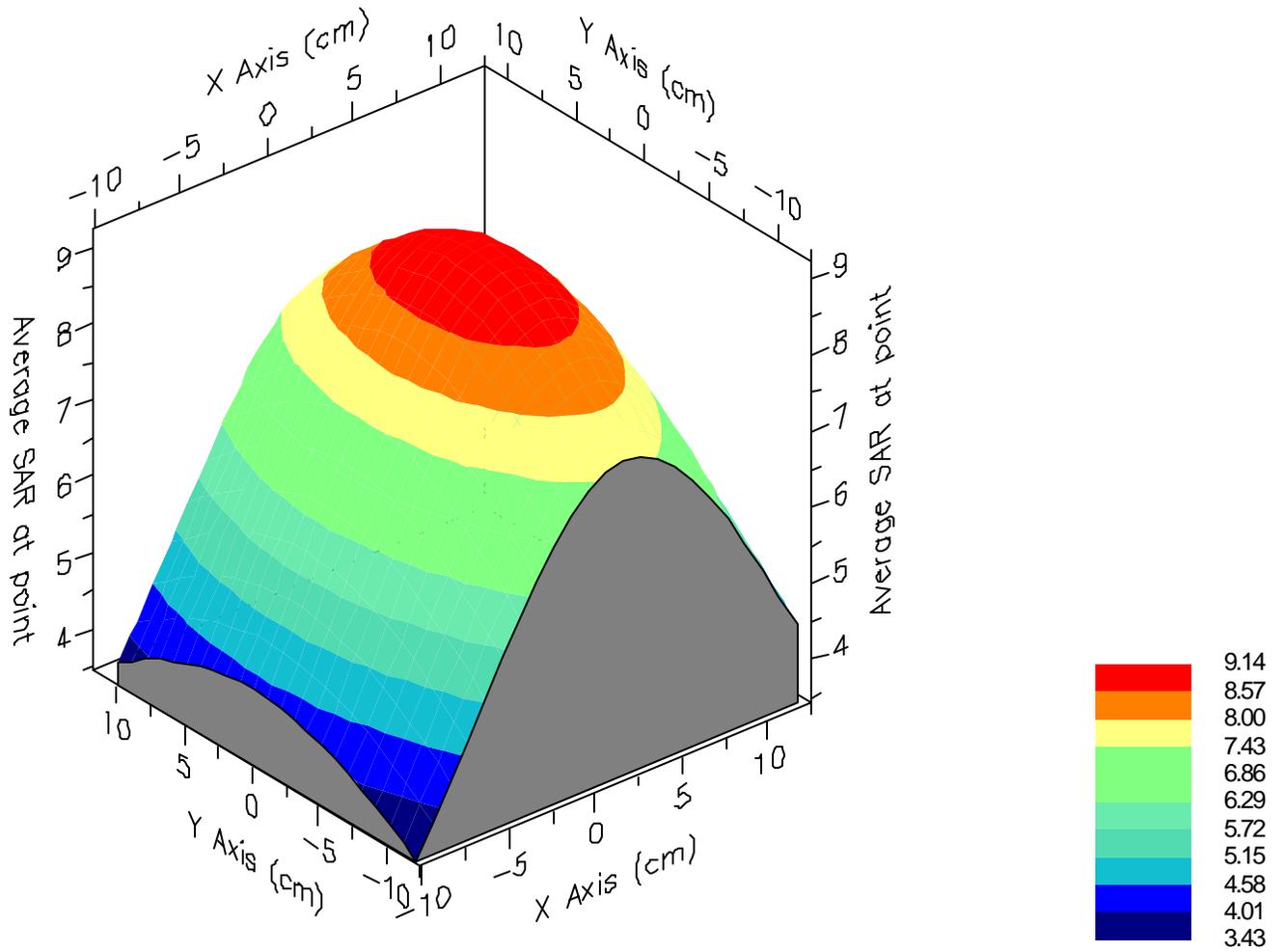
1g SAR Values

X Axis (cm)

Y Axis (cm)

Average SAR at point

Average SAR at point

	9.14
	8.57
	8.00
	7.43
	6.86
	6.29
	5.72
	5.15
	4.58
	4.01
	3.43

SAR - Z Axis
at Hotspot x:2.0 y:-2.0