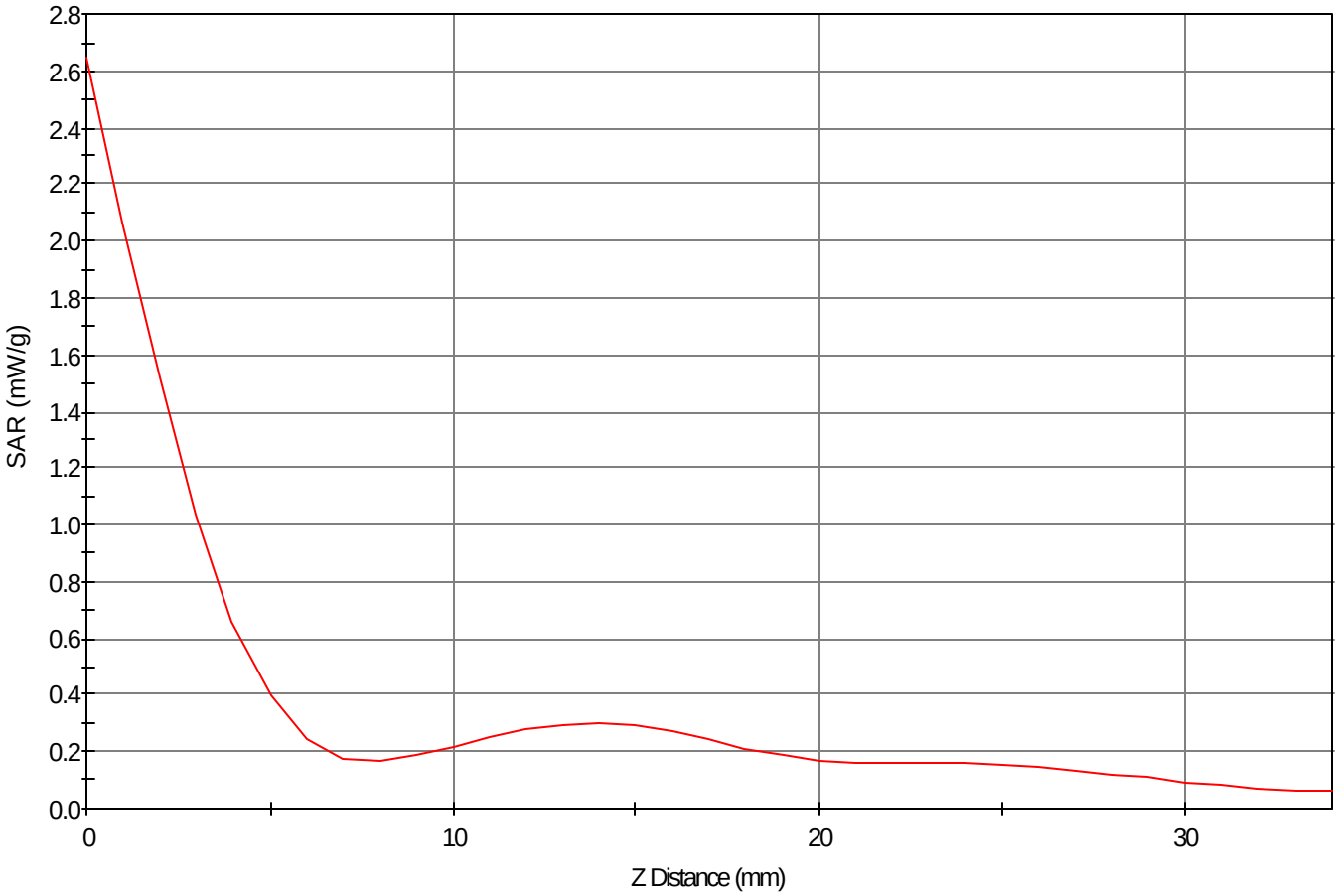
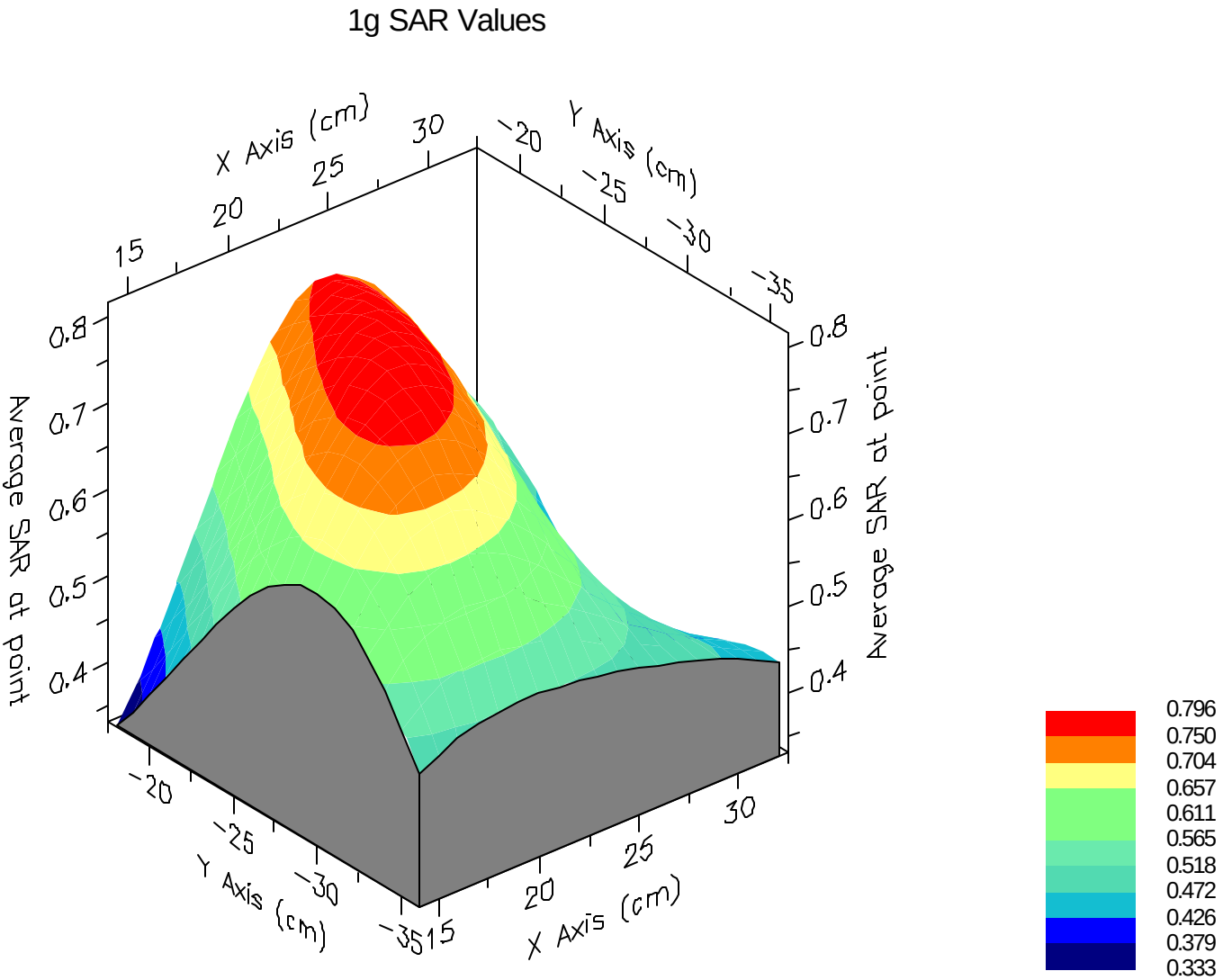
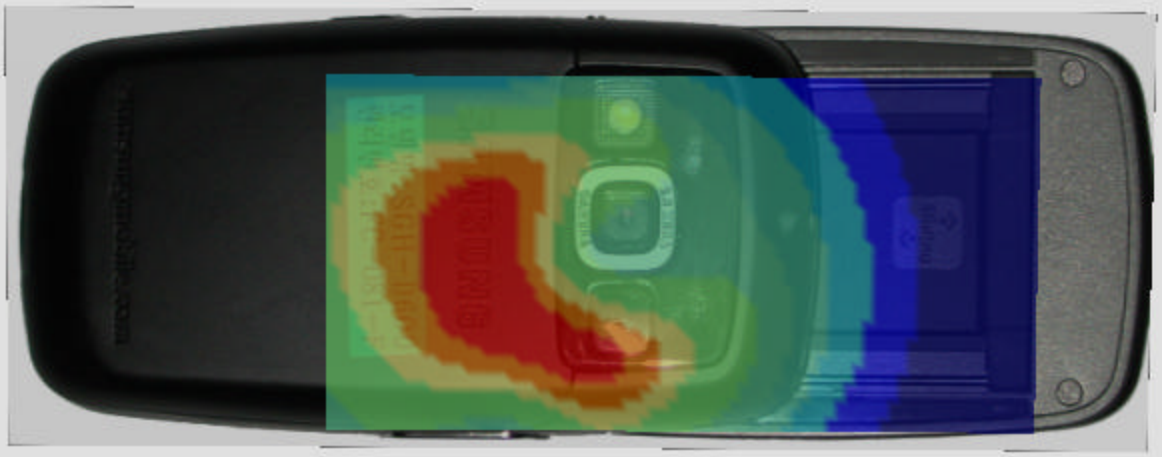
SAR - Z Axis
at Hotspot x:21.0 y:-26.0



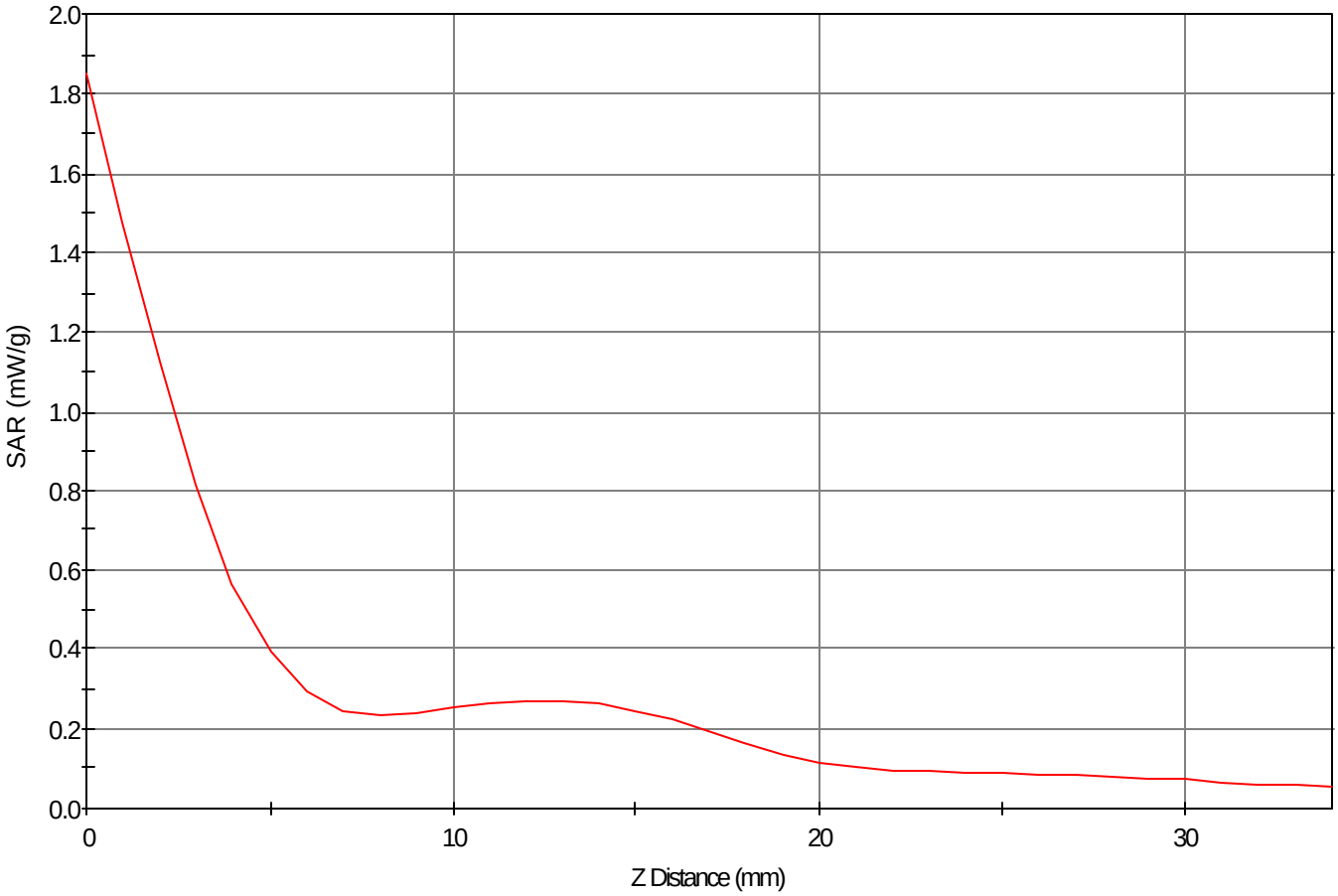

1g SAR Values
X Axis (cm)
15
20
25
30
Y Axis (cm)
-20
-25
-30
-35
Average SAR at point
0.8
0.7
0.6
0.5
0.4
0.796
0.750
0.704
0.657
0.611
0.565
0.518
0.472
0.426
0.379
0.333

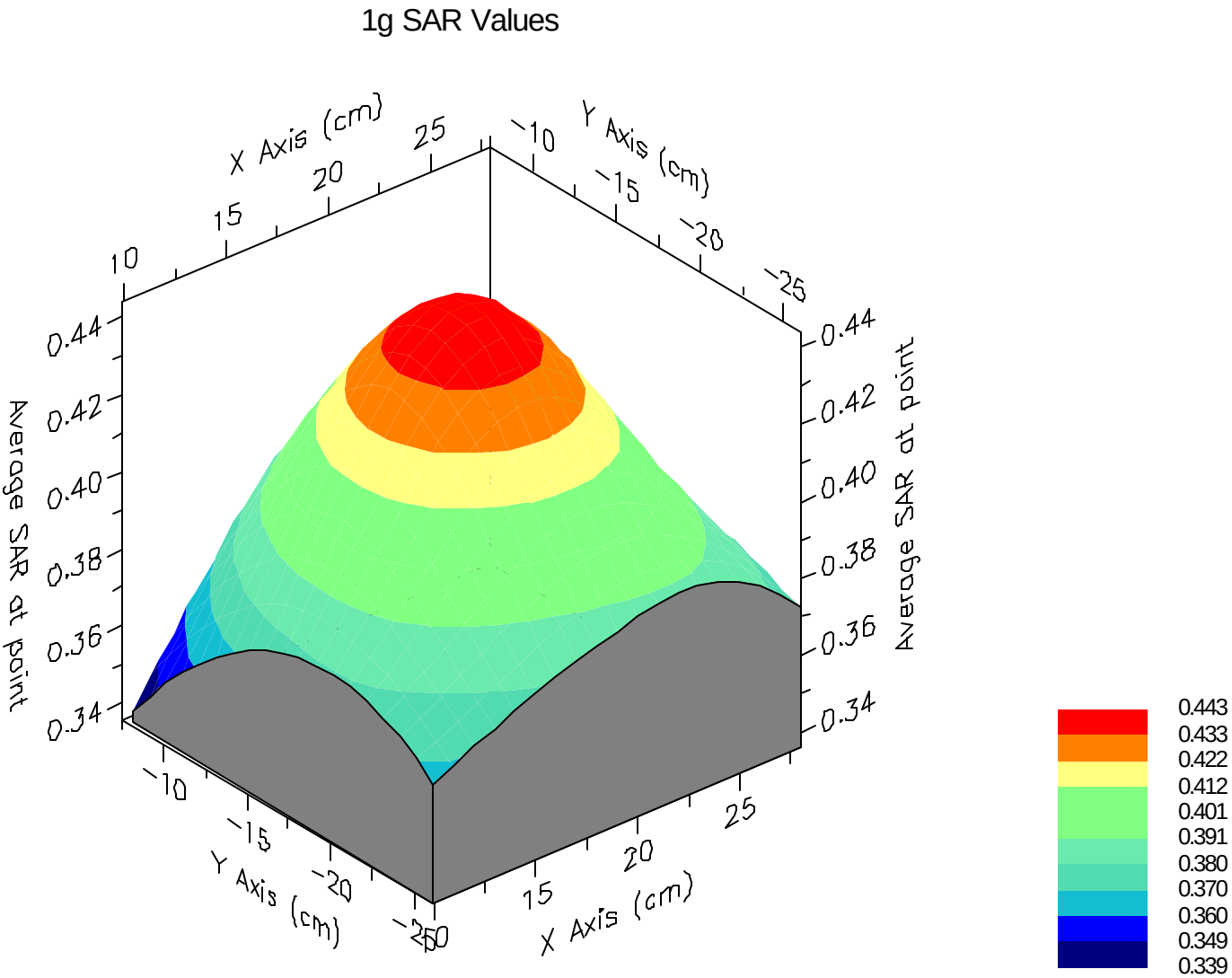


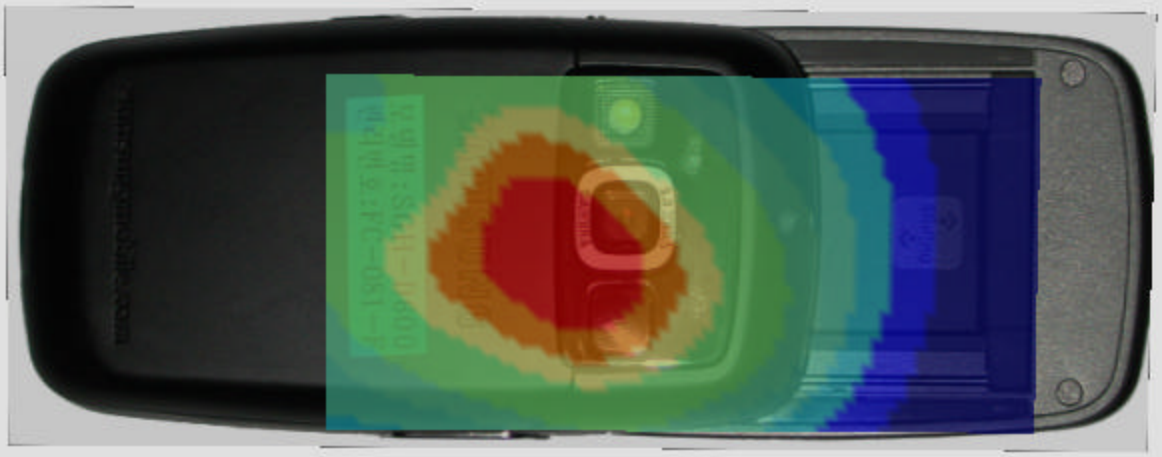
SAR Data Report 05062239

```
  Start        : 22-Jun-05 02:56:06 pm
  End          : 22-Jun-05 03:01:29 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 848.8 MHz
  Transmit Pwr     : 2 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM FLAT
  Phantom Type        : Uniphantom
  Tissue Type         : Muscle
  Tissue Dielectric   : 53.020
  Tissue Conductivity : 0.990
  Tissue Density      : 1.000
  Robot Name          : CRS

Probe Data:
  Probe Name              : PCT005
  Probe Type              : E Fld Triangle
  Frequency               : 835 MHz
  Tissue Type             : Muscle
  Calibrated Dielectric   : 53.660
  Calibrated Conductivity :  0.980
  Calibrated Density      :  1.000
  Probe Offset            :  1.600 mm
  Conversion Factor       :  5.850
  Probe Sensitivity :  3.807   3.736   3.821   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 (Slide Out w/ 1.5cm spacing & BlueTooth On)
  CF=4; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.375
  Reading @ End    = 0.383
  Power at End     = 102.1%


Area Scan - Max Peak SAR Value at x=19.0 y=-17.0 = 0.67 W/kg

Zoom Scan - Max Peak SAR Value at x=26.0 y=-31.0 z=0.0 = 1.85 W/kg

Max 1g SAR at x=20.0 y=-16.0 z=0.0 = 0.68 W/kg

Max 10g SAR at x=20.0 y=-17.0 z=0.0 = 0.38 W/kg
```

SAR - Z Axis
at Hotspot x:26.0 y:-31.0



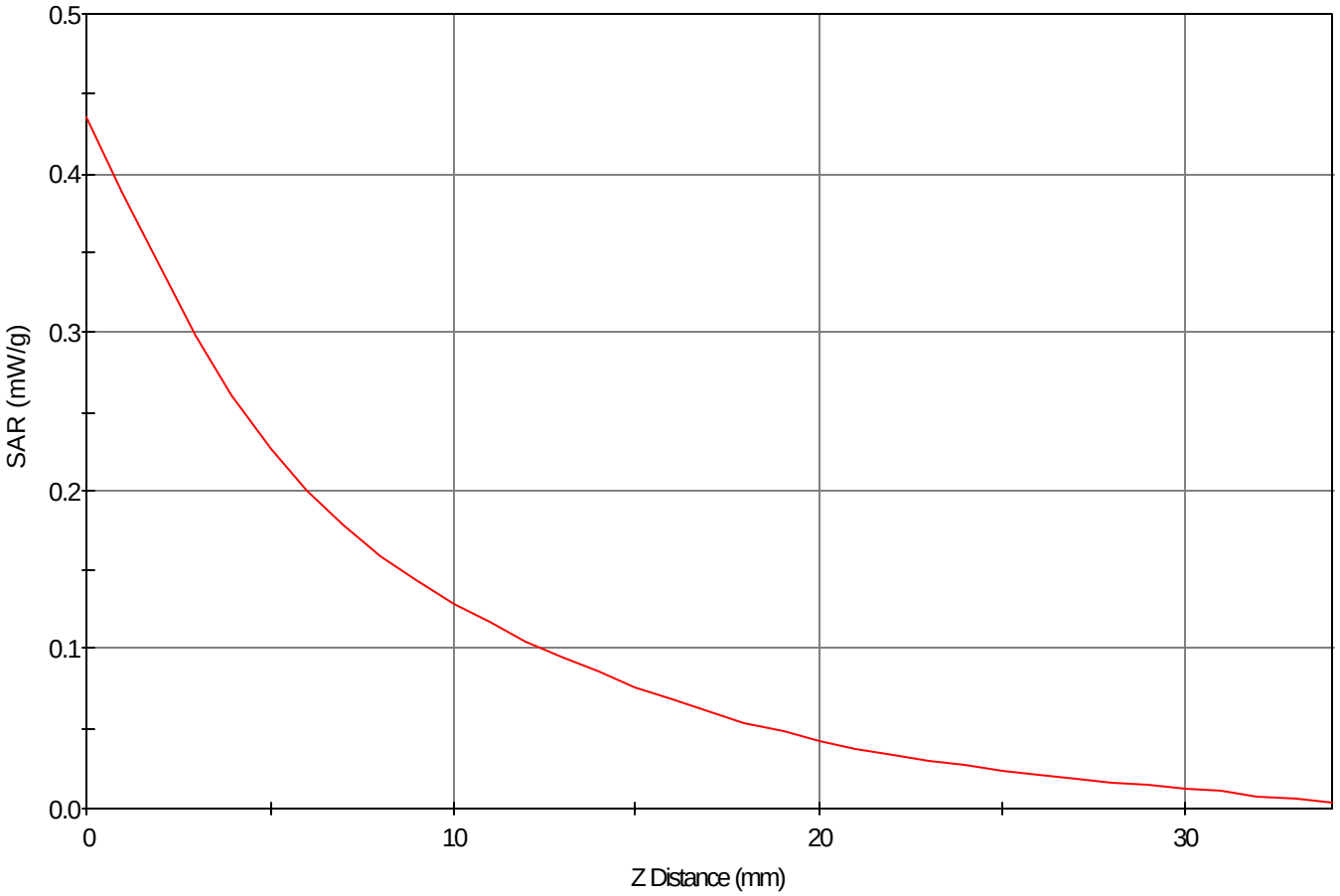

1g SAR Values
X Axis (cm)
10
15
20
25
Y Axis (cm)
-10
-15
-20
-25
Average SAR at point
0.44
0.42
0.40
0.38
0.36
0.34
0.443
0.433
0.422
0.412
0.401
0.391
0.380
0.370
0.360
0.349
0.339



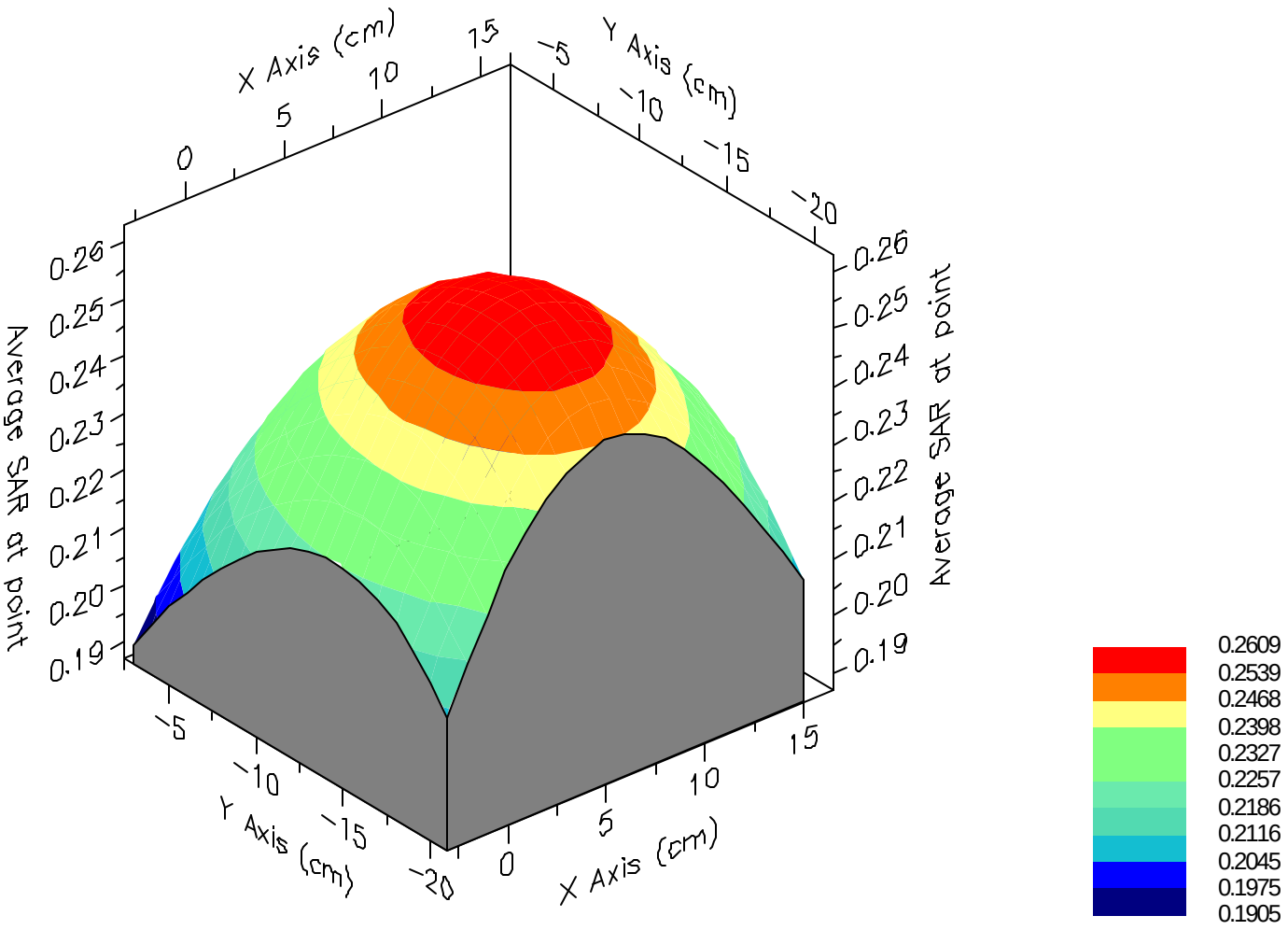
SAR Data Report 05062008

```
  Start        : 20-Jun-05 11:45:56 am
  End          : 20-Jun-05 11:50:57 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1880 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-RIGHT
  Phantom Type        : Right Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 661
  Right Cheek (Slide In)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.182
  Reading @ End    = 0.180
  Power at End     = 98.8%


Area Scan - Max Peak SAR Value at x=6.0 y=-12.0 = 0.27 W/kg

Zoom Scan - Max Peak SAR Value at x=4.0 y=-20.0 z=0.0 = 0.44 W/kg

Max 1g SAR at x=5.0 y=-15.0 z=0.0 = 0.26 W/kg

Max 10g SAR at x=7.0 y=-13.0 z=0.0 = 0.15 W/kg
```

SAR - Z Axis
at Hotspot x:4.0 y:-20.0



1g SAR Values

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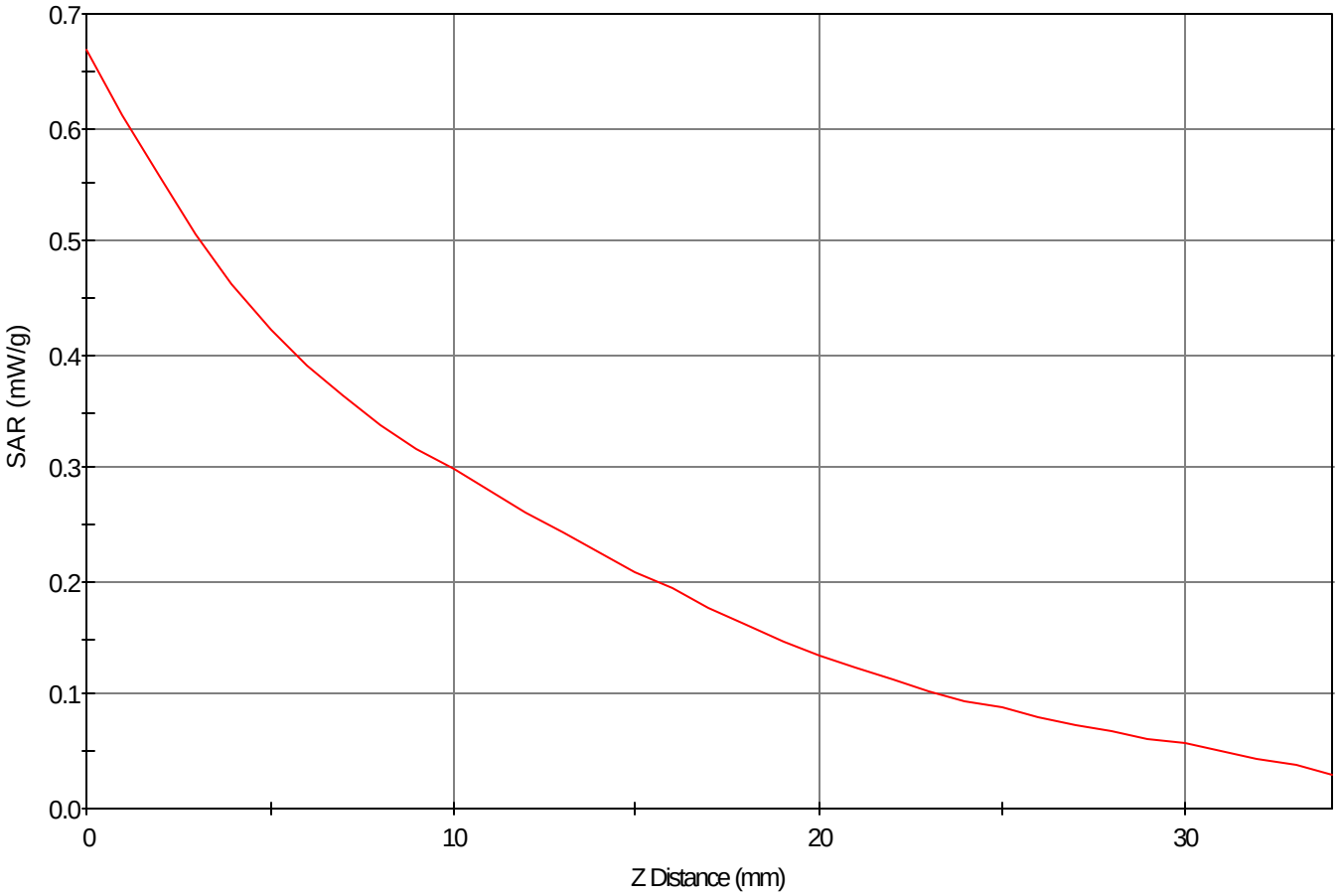
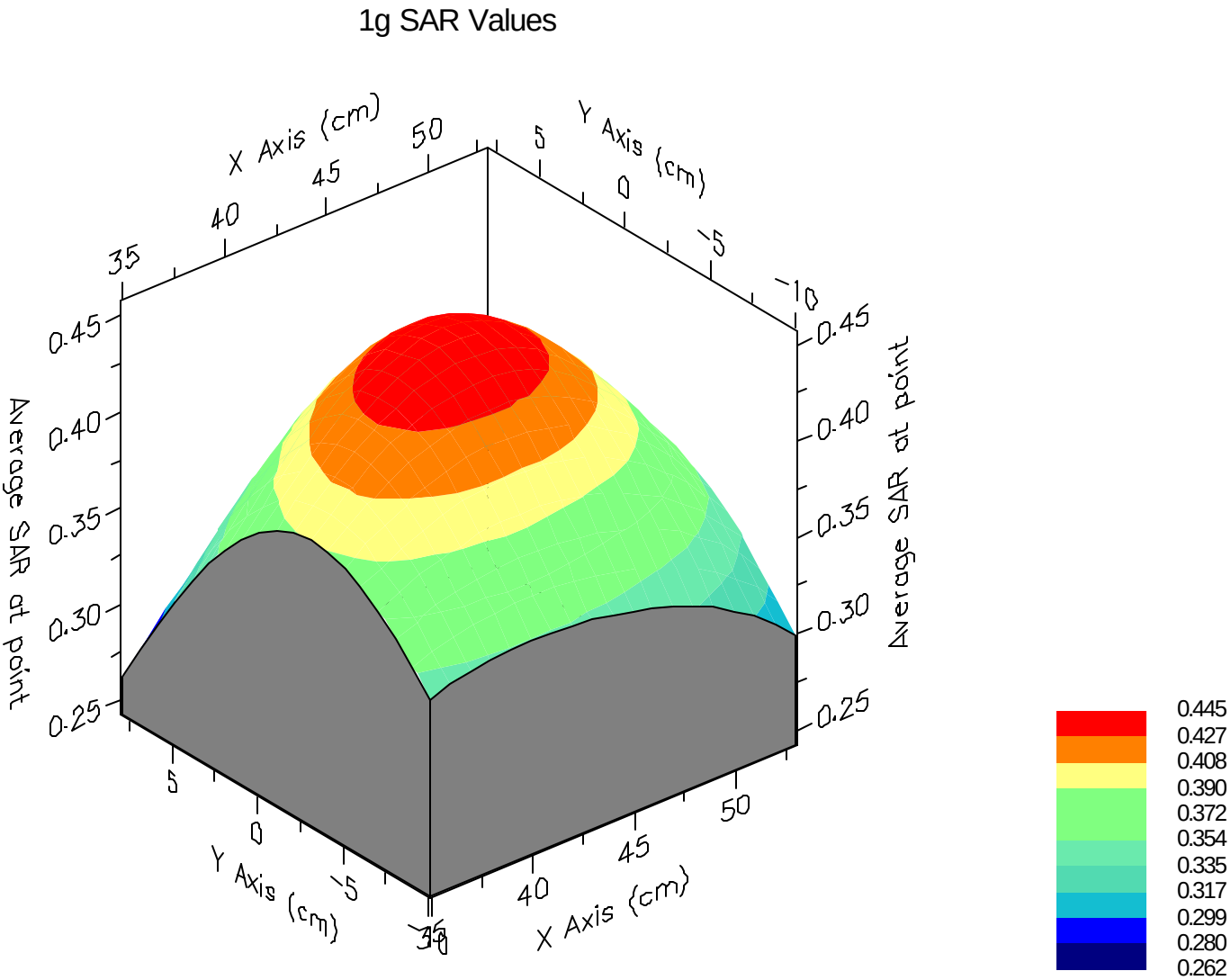
SAR Data Report 05062011

```
  Start        : 20-Jun-05 12:12:23 pm
  End          : 20-Jun-05 12:18:03 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-RIGHT
  Phantom Type        : Right Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 512
  Right Cheek (Slide Out)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.095
  Reading @ End    = 0.097
  Power at End     = 102.9%


Area Scan - Max Peak SAR Value at x=44.0 y=-1.0 = 0.47 W/kg

Zoom Scan - Max Peak SAR Value at x=41.0 y=-1.0 z=0.0 = 0.67 W/kg

Max 1g SAR at x=44.0 y=0.0 z=0.0 = 0.45 W/kg

Max 10g SAR at x=43.0 y=-2.0 z=0.0 = 0.26 W/kg
```

SAR - Z Axis
at Hotspot x:41.0 y:-1.0

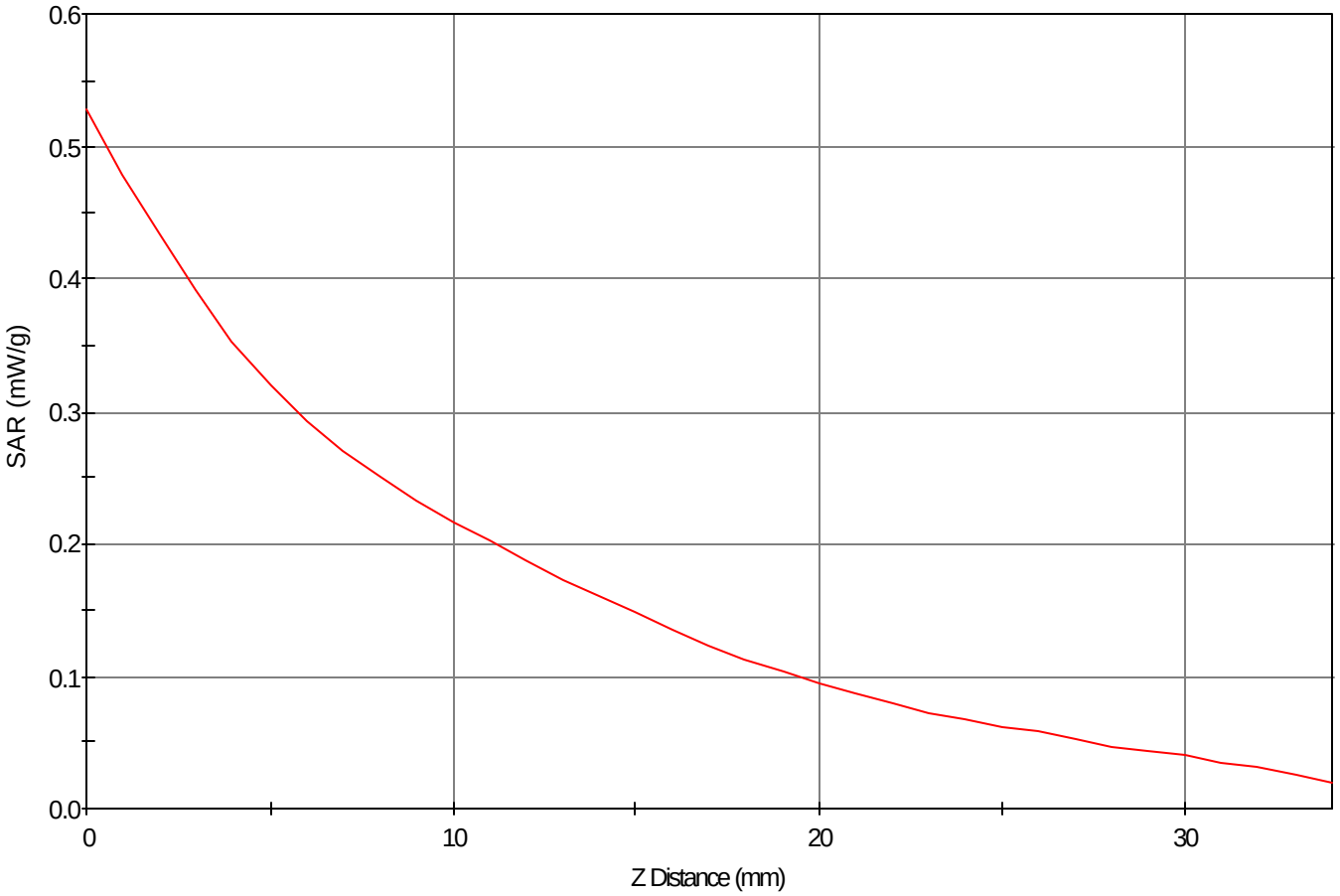


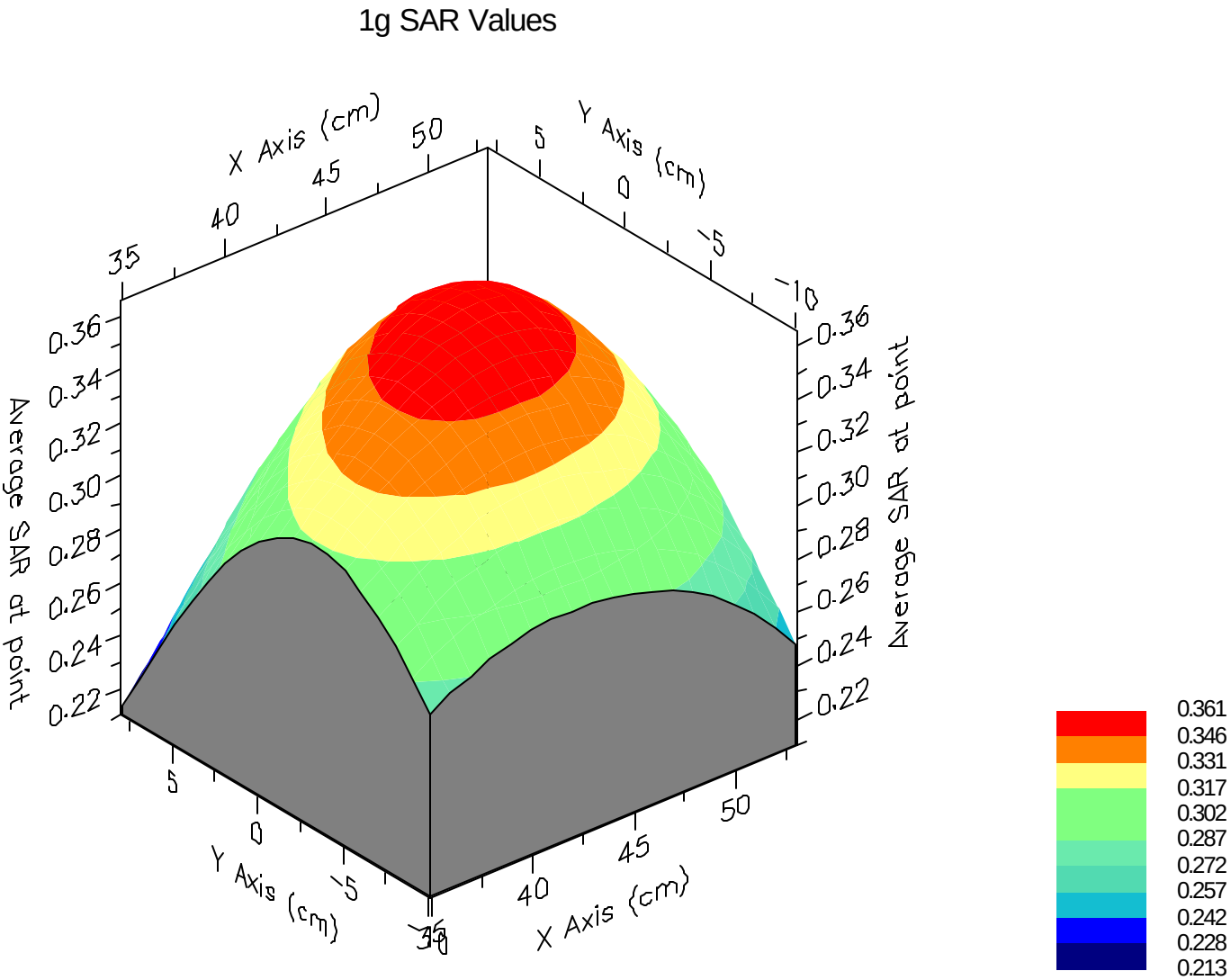

1g SAR Values
X Axis (cm)
35
40
45
50
Y Axis (cm)
5
0
-5
-10
Average SAR at point
0.45
0.40
0.35
0.30
0.25
0.445
0.427
0.408
0.390
0.372
0.354
0.335
0.317
0.299
0.280
0.262

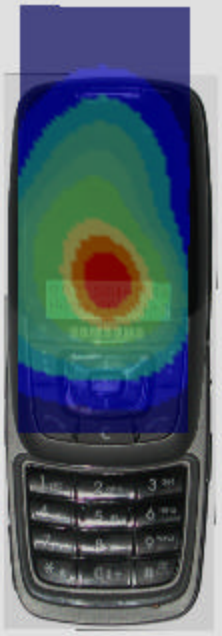
SAR Data Report 05062014

```
  Start        : 20-Jun-05 01:32:57 pm
  End          : 20-Jun-05 01:38:38 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-RIGHT
  Phantom Type        : Right Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 512
  Right Cheek (Slide Out w/ BlueTooth On)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.075
  Reading @ End    = 0.076
  Power at End     = 100.7%


Area Scan - Max Peak SAR Value at x=44.0 y=-1.0 = 0.40 W/kg

Zoom Scan - Max Peak SAR Value at x=49.0 y=4.0 z=0.0 = 0.53 W/kg

Max 1g SAR at x=45.0 y=0.0 z=0.0 = 0.36 W/kg

Max 10g SAR at x=44.0 y=-1.0 z=0.0 = 0.22 W/kg
```

SAR - Z Axis
at Hotspot x:49.0 y:4.0



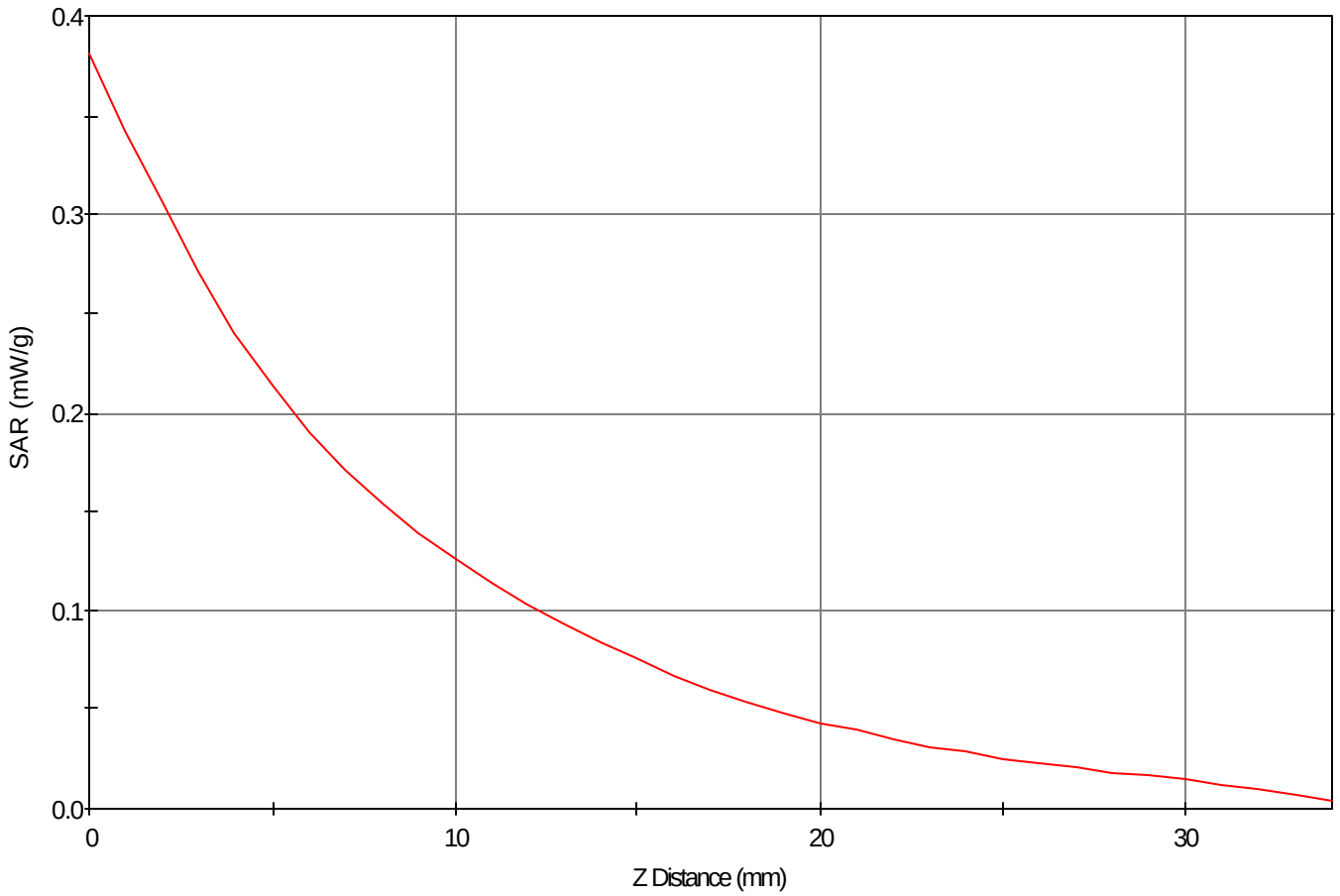

1g SAR Values
X Axis (cm)
35
40
45
50
Y Axis (cm)
5
0
-5
-10
Average SAR at point
0.22
0.24
0.26
0.28
0.30
0.32
0.34
0.36
0.361
0.346
0.331
0.317
0.302
0.287
0.272
0.257
0.242
0.228
0.213



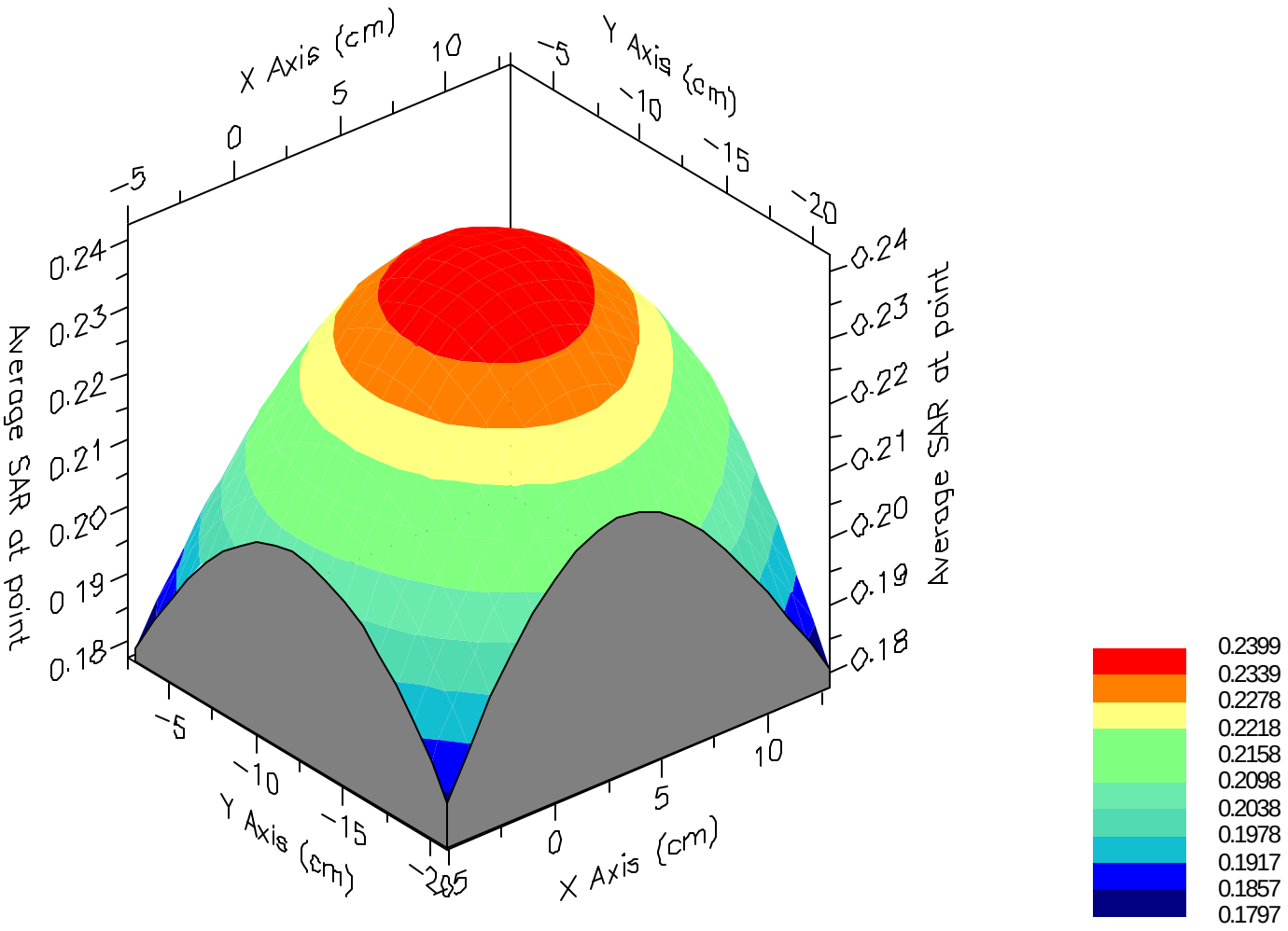
SAR Data Report 05062016

```
  Start        : 20-Jun-05 01:45:50 pm
  End          : 20-Jun-05 01:50:57 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-RIGHT
  Phantom Type        : Right Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 512
  Right Tilt (Slide In)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.180
  Reading @ End    = 0.177
  Power at End     = 98.4%


Area Scan - Max Peak SAR Value at x=4.0 y=-12.0 = 0.25 W/kg

Zoom Scan - Max Peak SAR Value at x=3.0 y=-18.0 z=0.0 = 0.38 W/kg

Max 1g SAR at x=4.0 y=-12.0 z=0.0 = 0.24 W/kg

Max 10g SAR at x=6.0 y=-11.0 z=0.0 = 0.14 W/kg
```

SAR - Z Axis
at Hotspot x:3.0 y:-18.0



1g SAR Values

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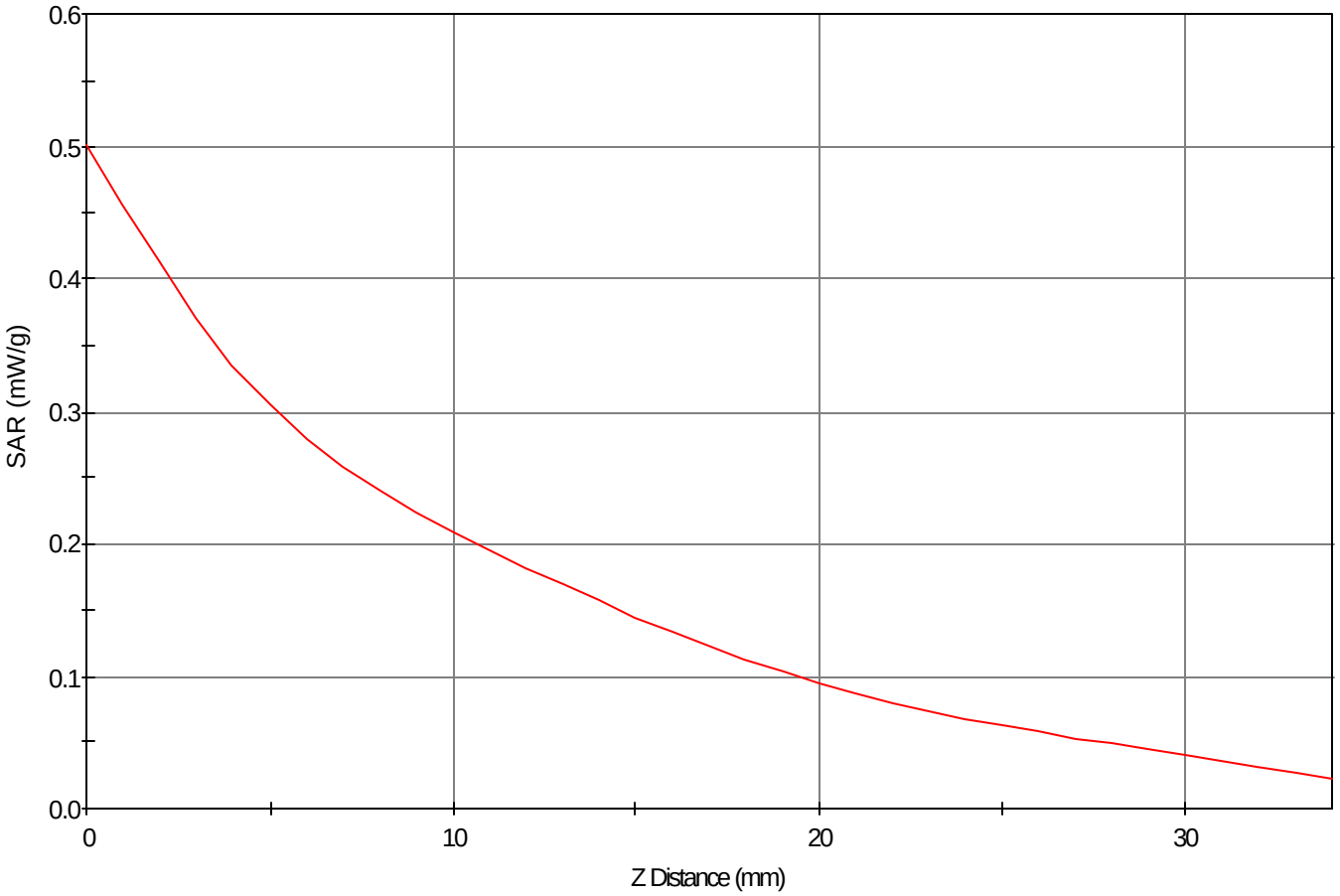
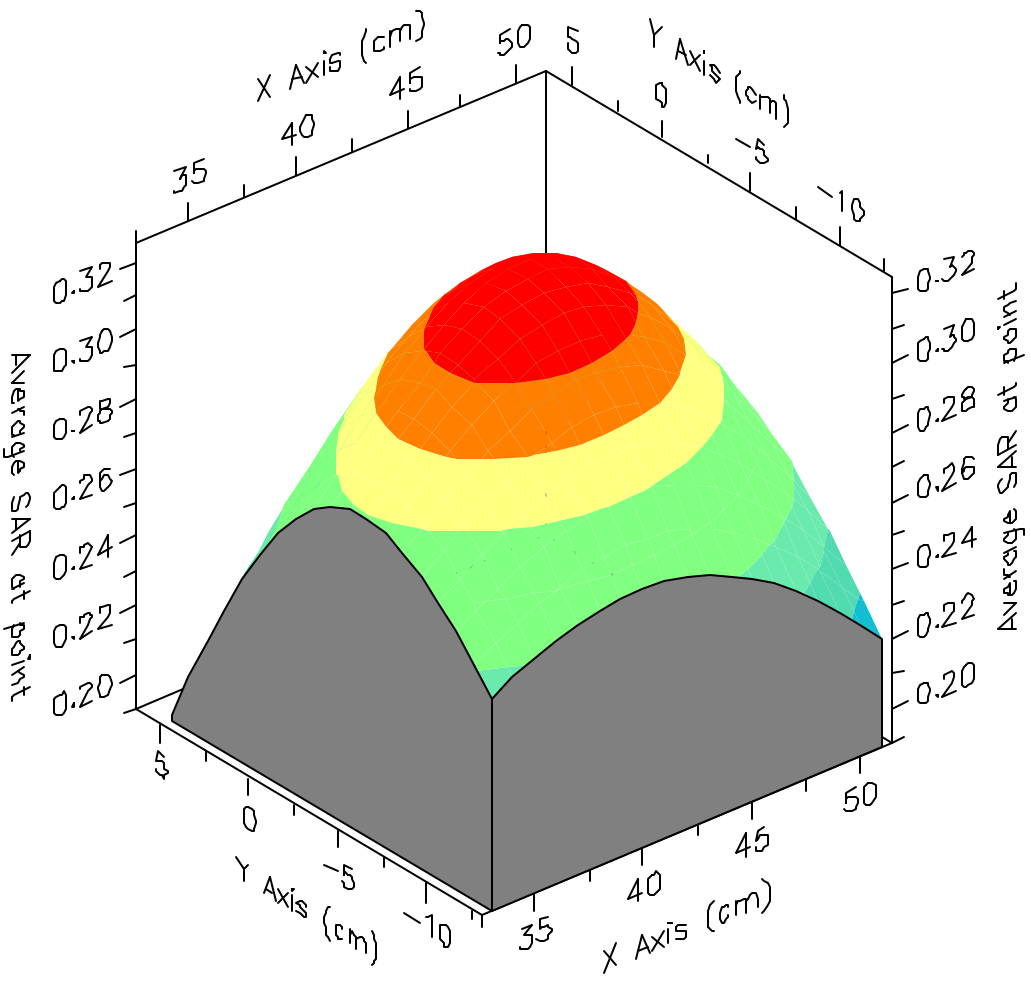
SAR Data Report 05062019

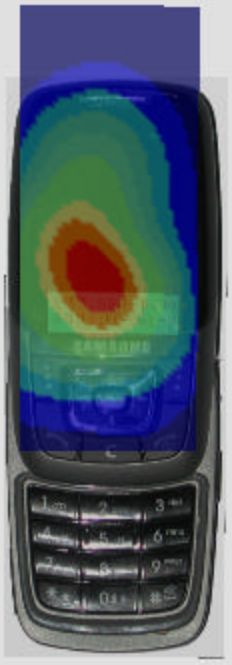
```
  Start        : 20-Jun-05 02:11:02 pm
  End          : 20-Jun-05 02:16:44 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-RIGHT
  Phantom Type        : Right Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 512
  Right Tilt (Slide Out)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.072
  Reading @ End    = 0.074
  Power at End     = 103.1%


Area Scan - Max Peak SAR Value at x=42.0 y=-4.0 = 0.34 W/kg

Zoom Scan - Max Peak SAR Value at x=43.0 y=-4.0 z=0.0 = 0.50 W/kg

Max 1g SAR at x=42.0 y=-4.0 z=0.0 = 0.32 W/kg

Max 10g SAR at x=41.0 y=-5.0 z=0.0 = 0.19 W/kg
```

SAR - Z Axis
at Hotspot x:43.0 y:-4.0



1g SAR Values

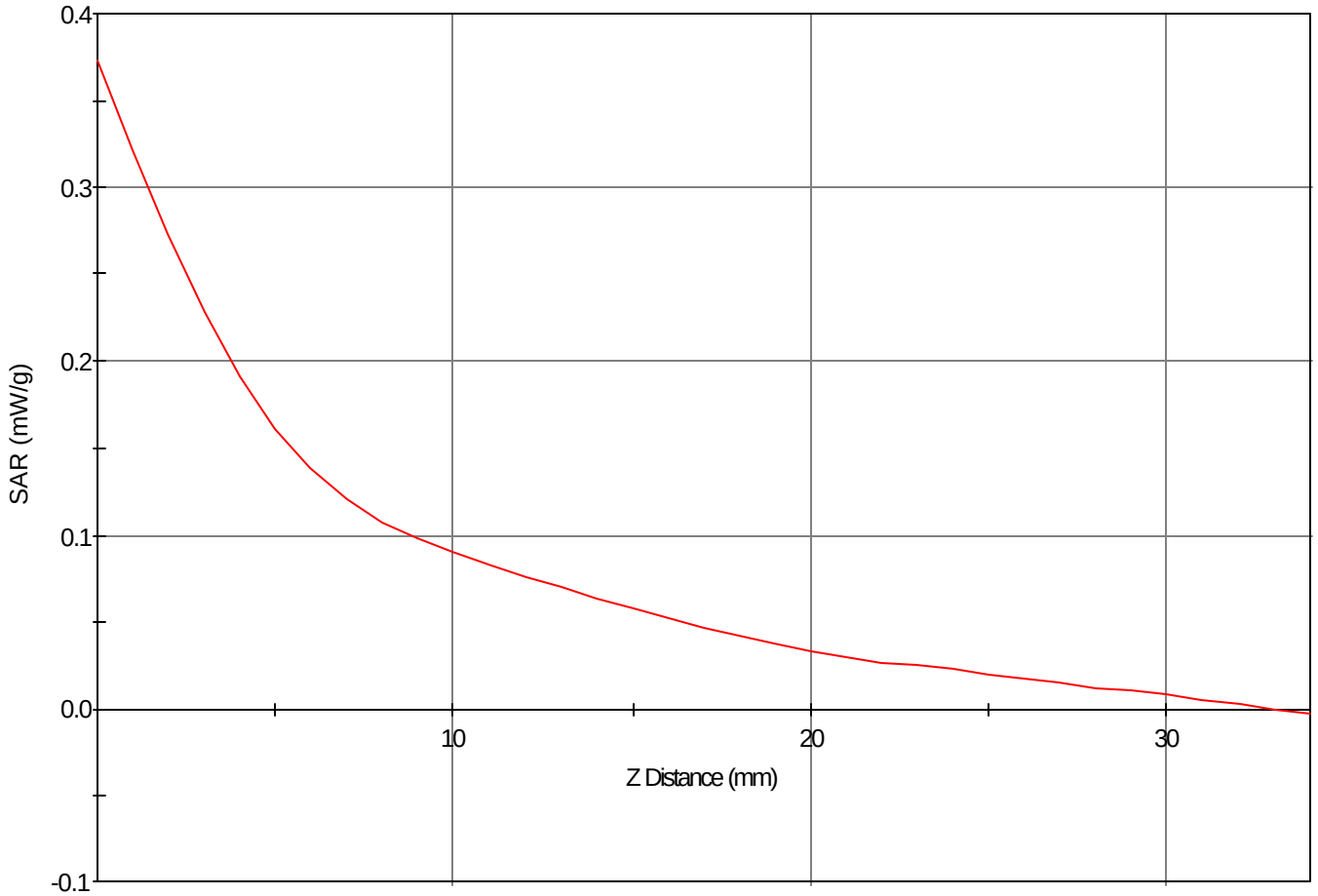




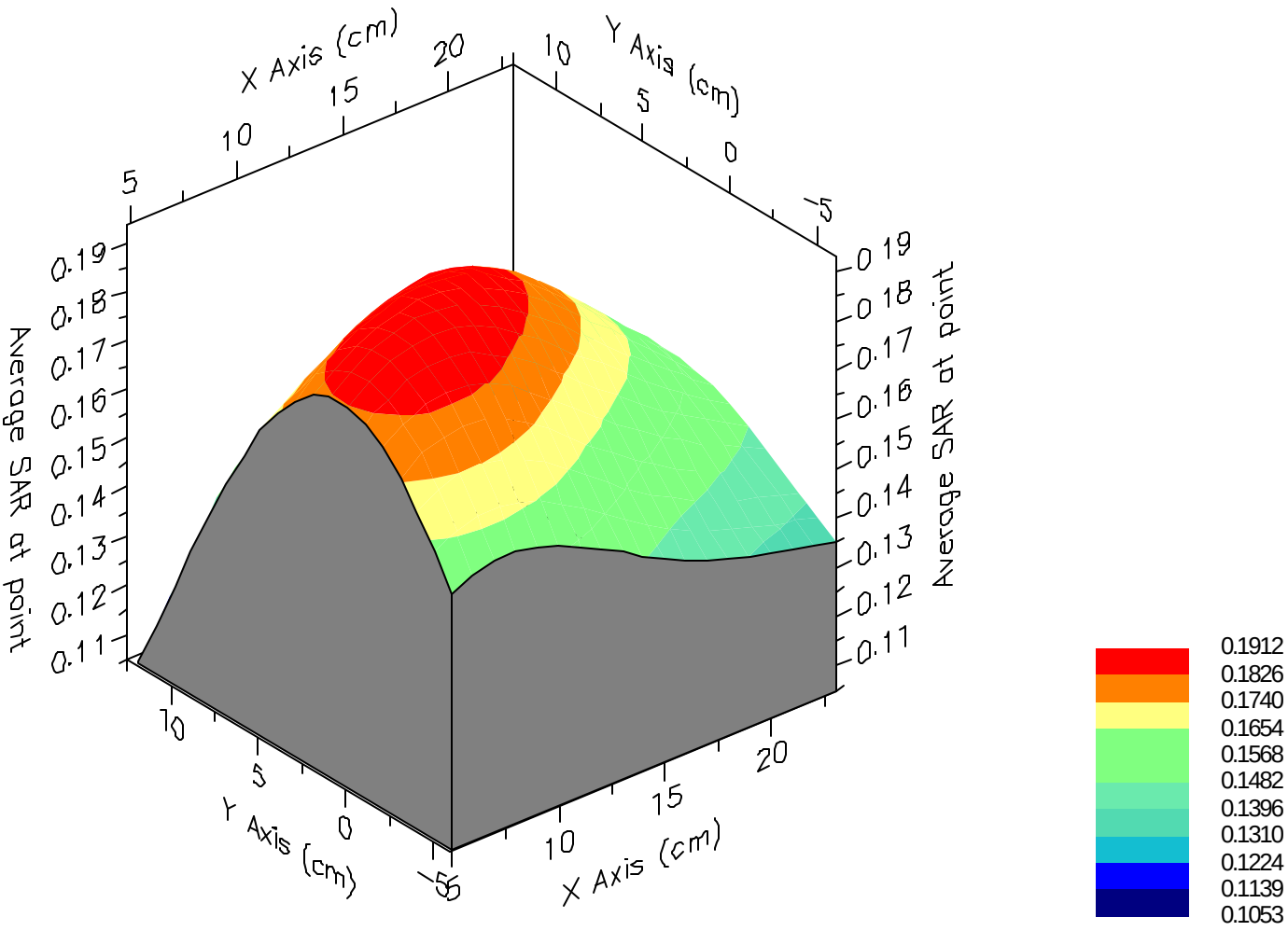
SAR Data Report 05062023

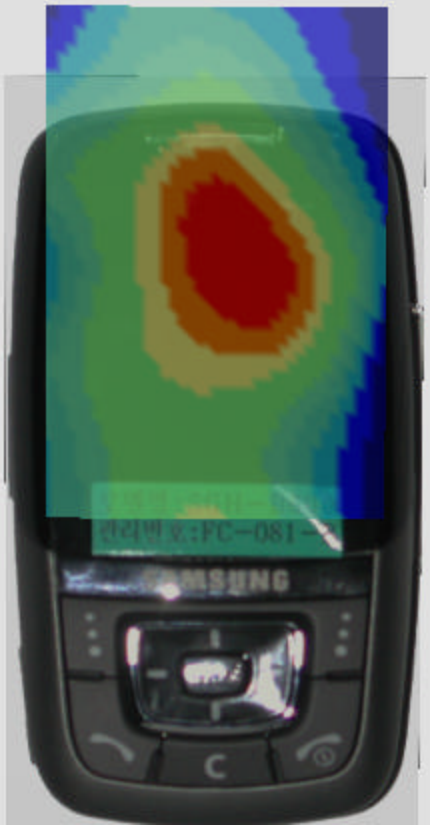
```
  Start        : 20-Jun-05 04:04:50 pm
  End          : 20-Jun-05 04:09:43 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-LEFT
  Phantom Type        : Left Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 512
  Left Cheek (Slide In)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.165
  Reading @ End    = 0.157
  Power at End     = 95.2%


Area Scan - Max Peak SAR Value at x=14.0 y=3.0 = 0.20 W/kg

Zoom Scan - Max Peak SAR Value at x=7.0 y=-1.0 z=0.0 = 0.37 W/kg

Max 1g SAR at x=9.0 y=1.0 z=0.0 = 0.19 W/kg

Max 10g SAR at x=14.0 y=1.0 z=0.0 = 0.10 W/kg
```

SAR - Z Axis
at Hotspot x:7.0 y:-1.0



1g SAR Values

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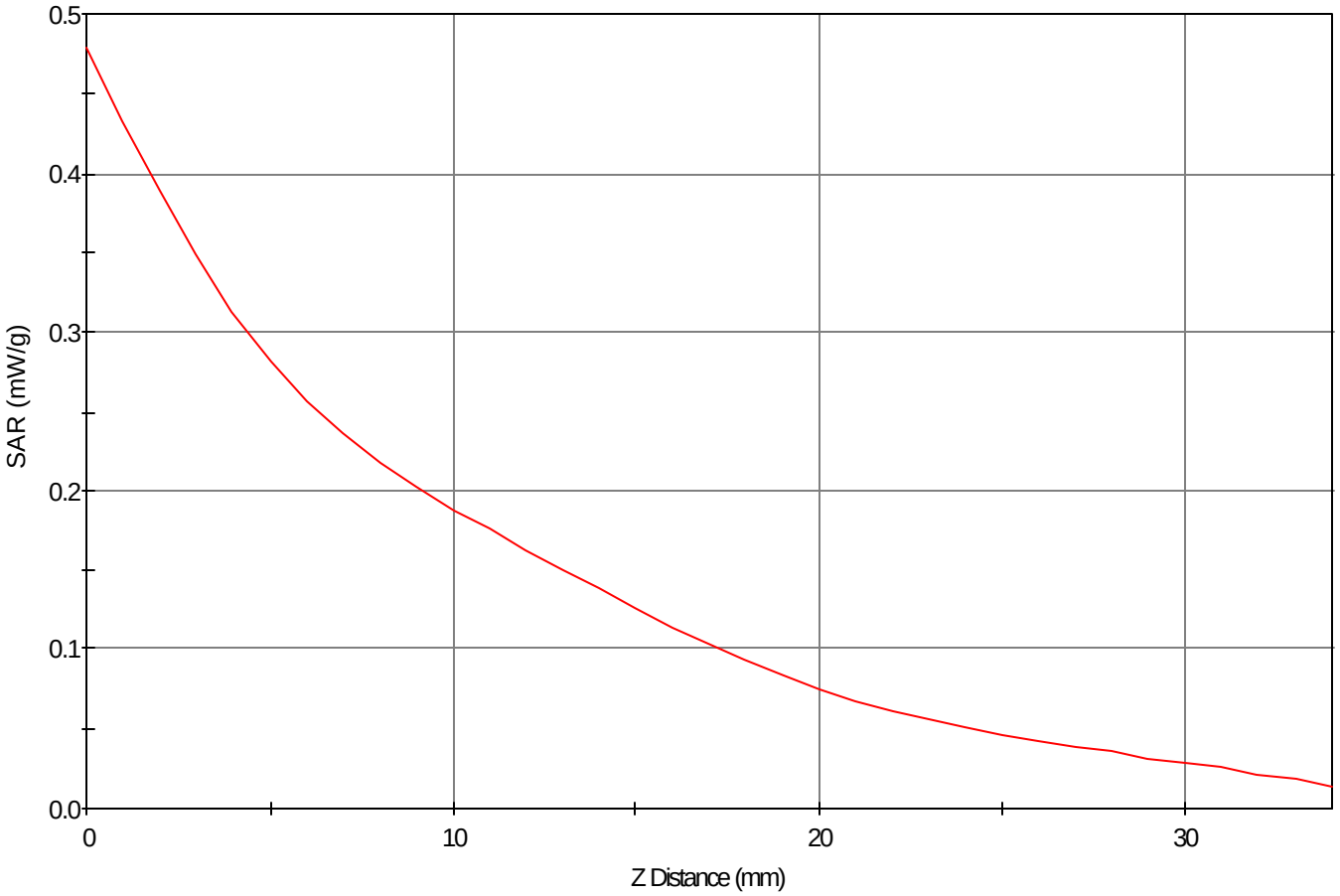
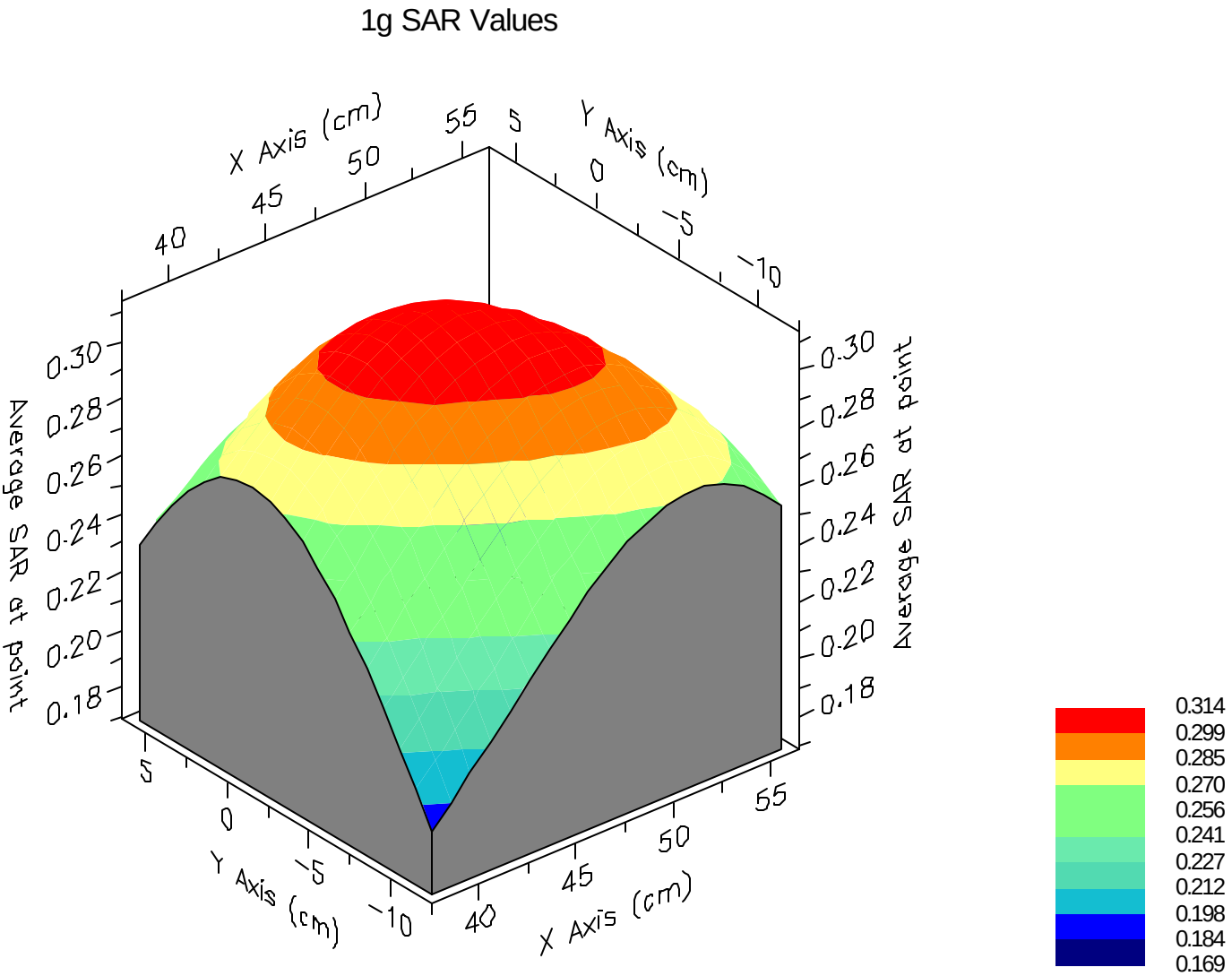
SAR Data Report 05062027

```
  Start        : 20-Jun-05 04:52:28 pm
  End          : 20-Jun-05 04:57:31 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-LEFT
  Phantom Type        : Left Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 512
  Left Cheek (Slide Out)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.071
  Reading @ End    = 0.074
  Power at End     = 95.9%


Area Scan - Max Peak SAR Value at x=47.0 y=-3.0 = 0.33 W/kg

Zoom Scan - Max Peak SAR Value at x=47.0 y=1.0 z=0.0 = 0.48 W/kg

Max 1g SAR at x=47.0 y=-2.0 z=0.0 = 0.31 W/kg

Max 10g SAR at x=46.0 y=-4.0 z=0.0 = 0.18 W/kg
```

SAR - Z Axis
at Hotspot x:47.0 y:1.0

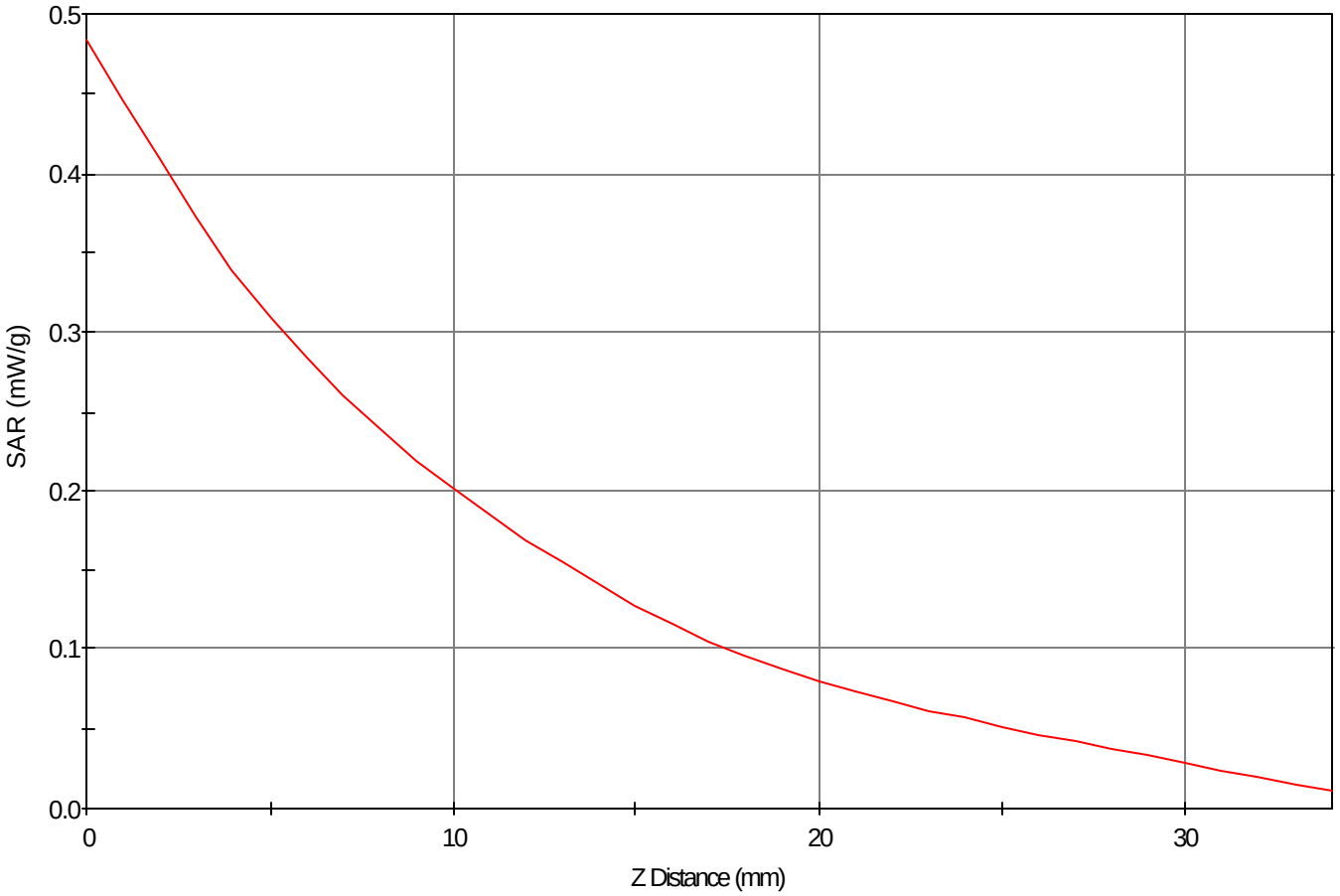


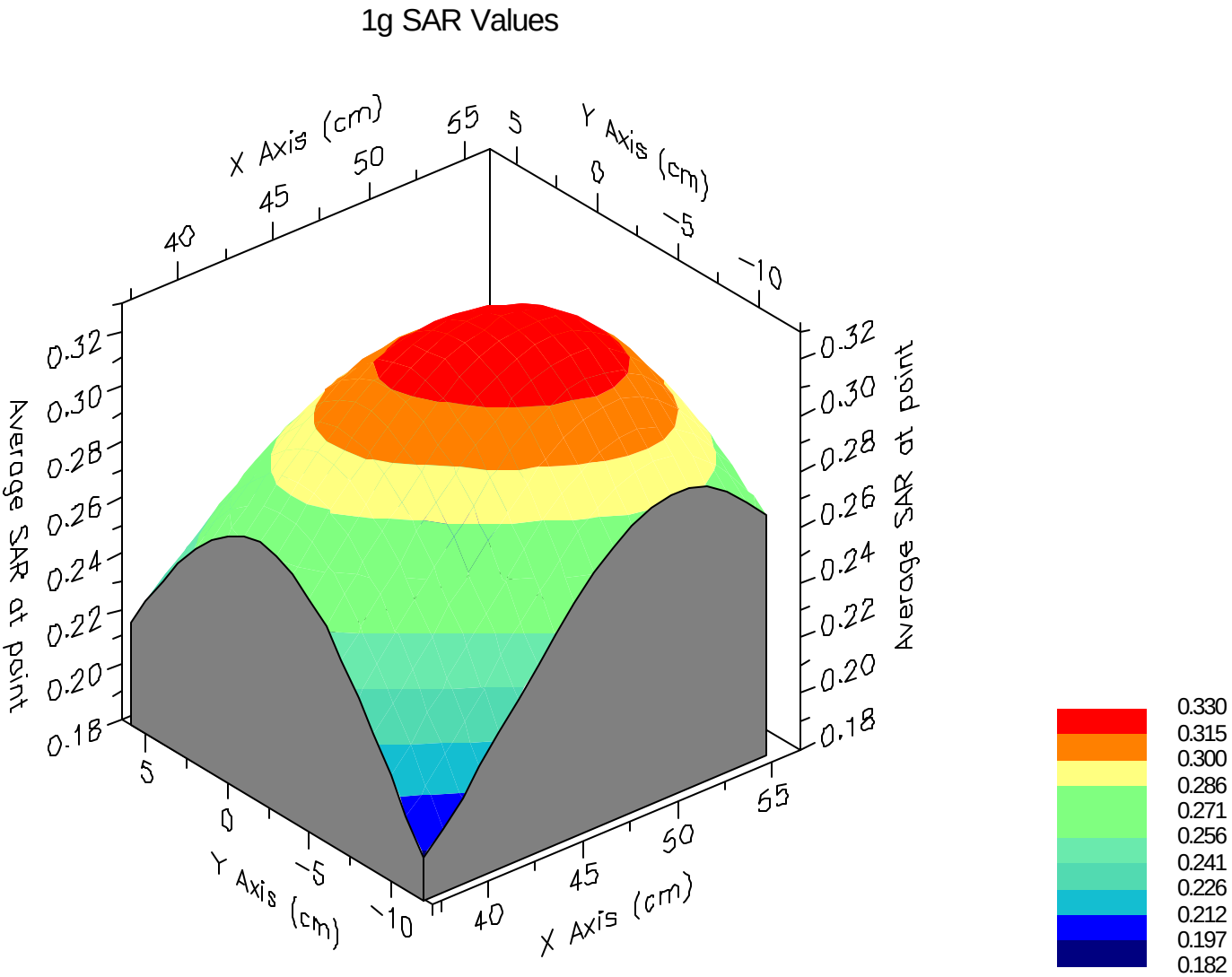

1g SAR Values
X Axis (cm)
40
45
50
55
Y Axis (cm)
5
0
-5
-10
Average SAR at point
0.18
0.20
0.22
0.24
0.26
0.28
0.30
0.314
0.299
0.285
0.270
0.256
0.241
0.227
0.212
0.198
0.184
0.169

SAR Data Report 05062030

```
  Start        : 20-Jun-05 05:21:37 pm
  End          : 20-Jun-05 05:26:43 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM-LEFT
  Phantom Type        : Left Ear
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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 Mode Ch. 512
  Left Cheek (Slide Out w/ BlueTooth On)
  CF=8; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.074
  Reading @ End    = 0.072
  Power at End     = 97.4%


Area Scan - Max Peak SAR Value at x=46.0 y=-3.0 = 0.35 W/kg

Zoom Scan - Max Peak SAR Value at x=52.0 y=-4.0 z=0.0 = 0.48 W/kg

Max 1g SAR at x=48.0 y=-4.0 z=0.0 = 0.33 W/kg

Max 10g SAR at x=46.0 y=-4.0 z=0.0 = 0.19 W/kg
```

SAR - Z Axis
at Hotspot x:52.0 y:-4.0

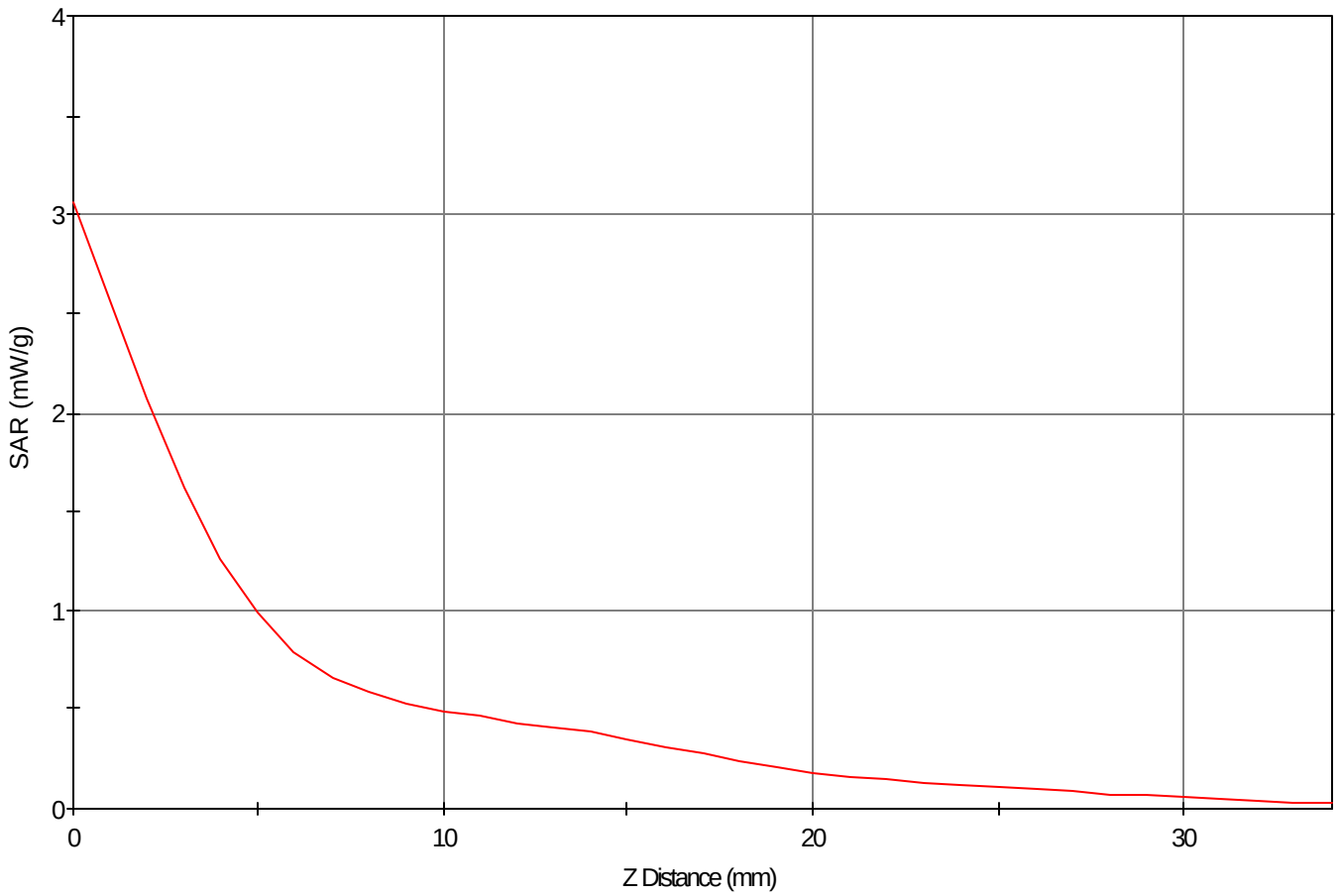



1g SAR Values
X Axis (cm)
40
45
50
55
Y Axis (cm)
5
0
-5
-10
Average SAR at point
0.32
0.30
0.28
0.26
0.24
0.22
0.20
0.18
0.330
0.315
0.300
0.286
0.271
0.256
0.241
0.226
0.212
0.197
0.182

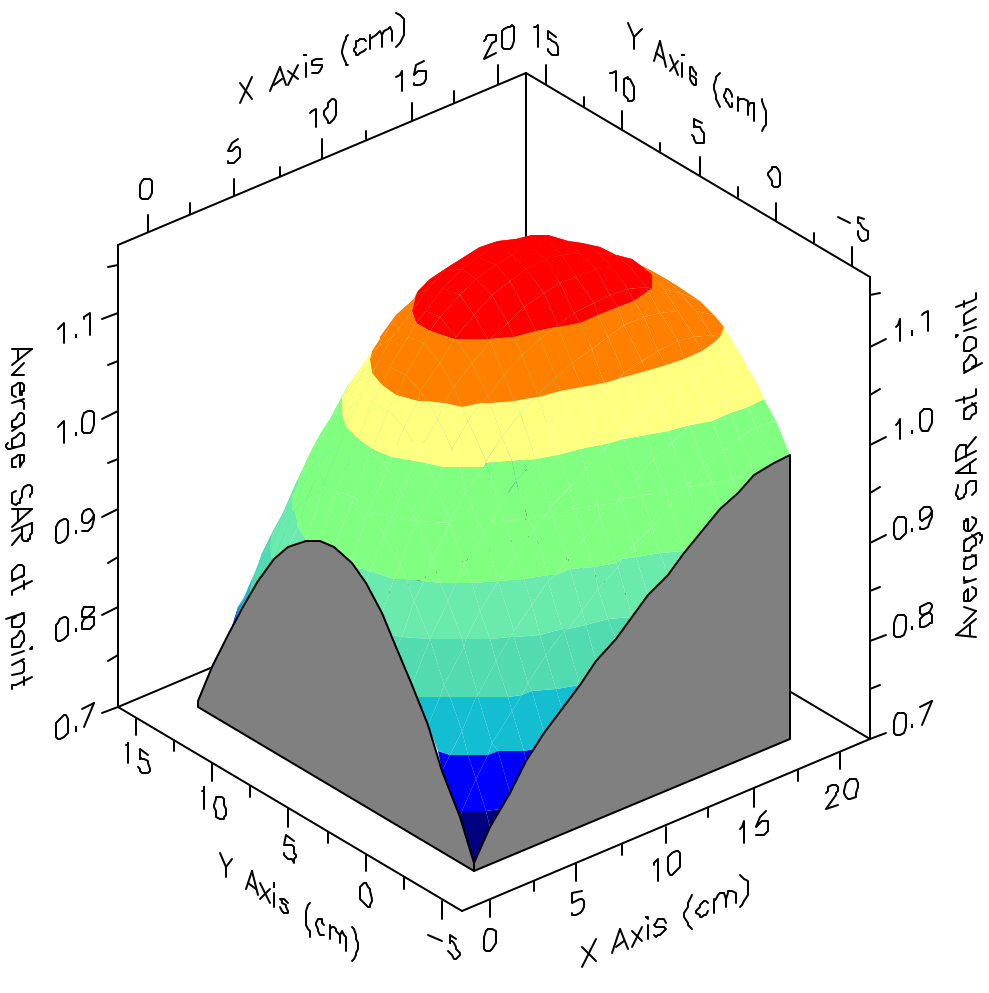
SAR Data Report 05062235

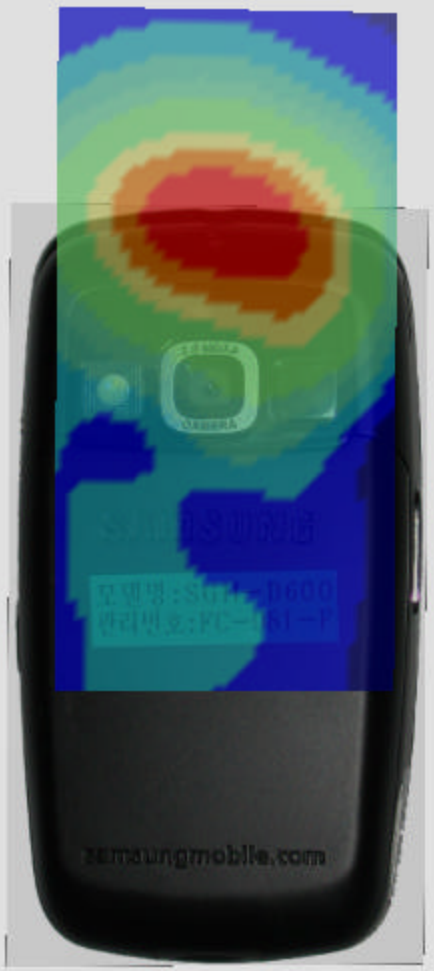
```
  Start        : 22-Jun-05 02:06:41 pm
  End          : 22-Jun-05 02:12:00 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM FLAT
  Phantom Type        : Uniphantom
  Tissue Type         : Muscle
  Tissue Dielectric   : 52.380
  Tissue Conductivity : 1.580
  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 (Slide In w/ 1.5cm spacing)
  CF=4; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.513
  Reading @ End    = 0.510
  Power at End     = 99.4%


Area Scan - Max Peak SAR Value at x=18.0 y=10.0 = 1.24 W/kg

Zoom Scan - Max Peak SAR Value at x=11.0 y=12.0 z=0.0 = 3.06 W/kg

Max 1g SAR at x=15.0 y=11.0 z=0.0 = 1.34 W/kg

Max 10g SAR at x=18.0 y=10.0 z=0.0 = 0.70 W/kg
```

SAR - Z Axis
at Hotspot x:11.0 y:12.0



1g SAR Values

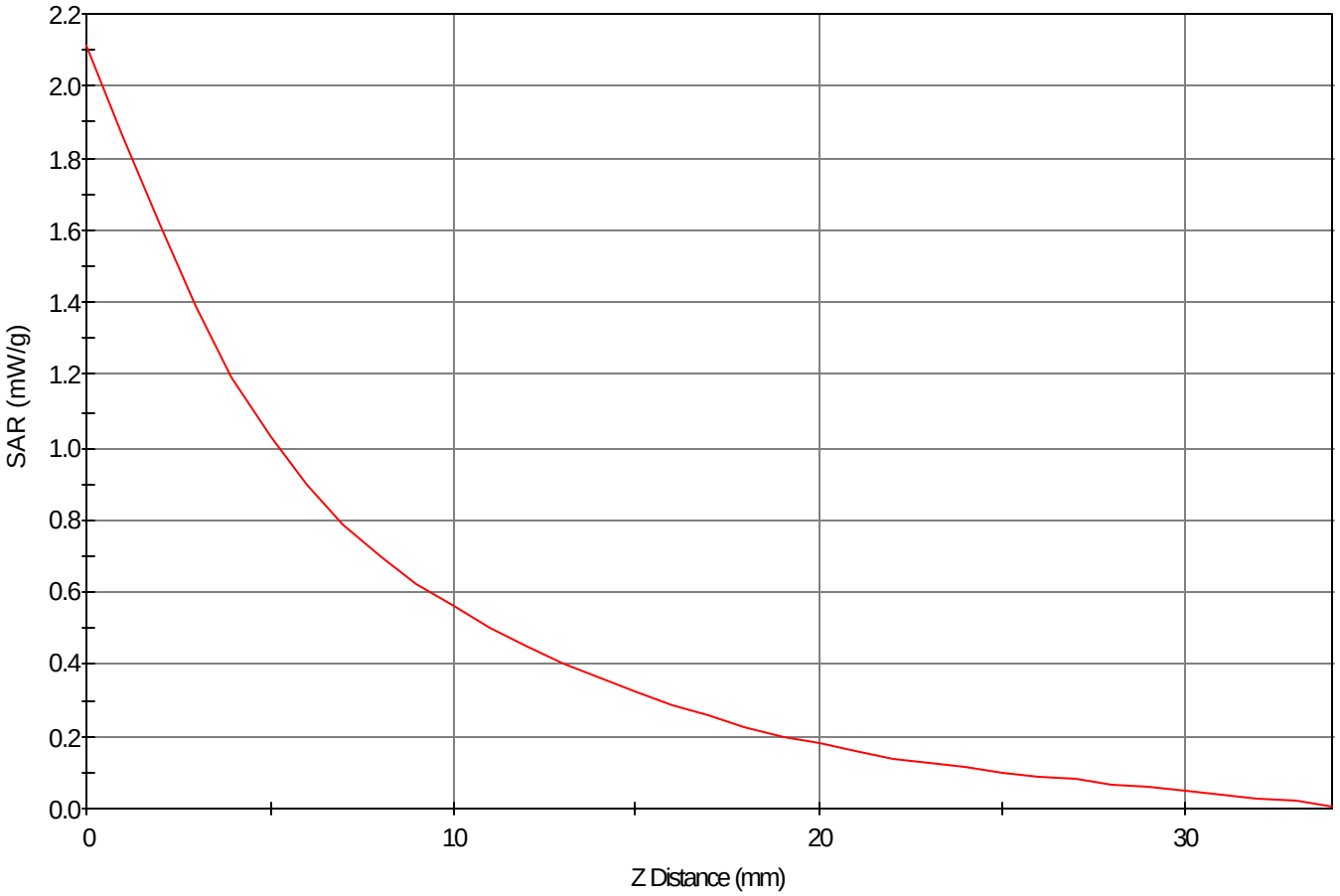



samsungmobile.com

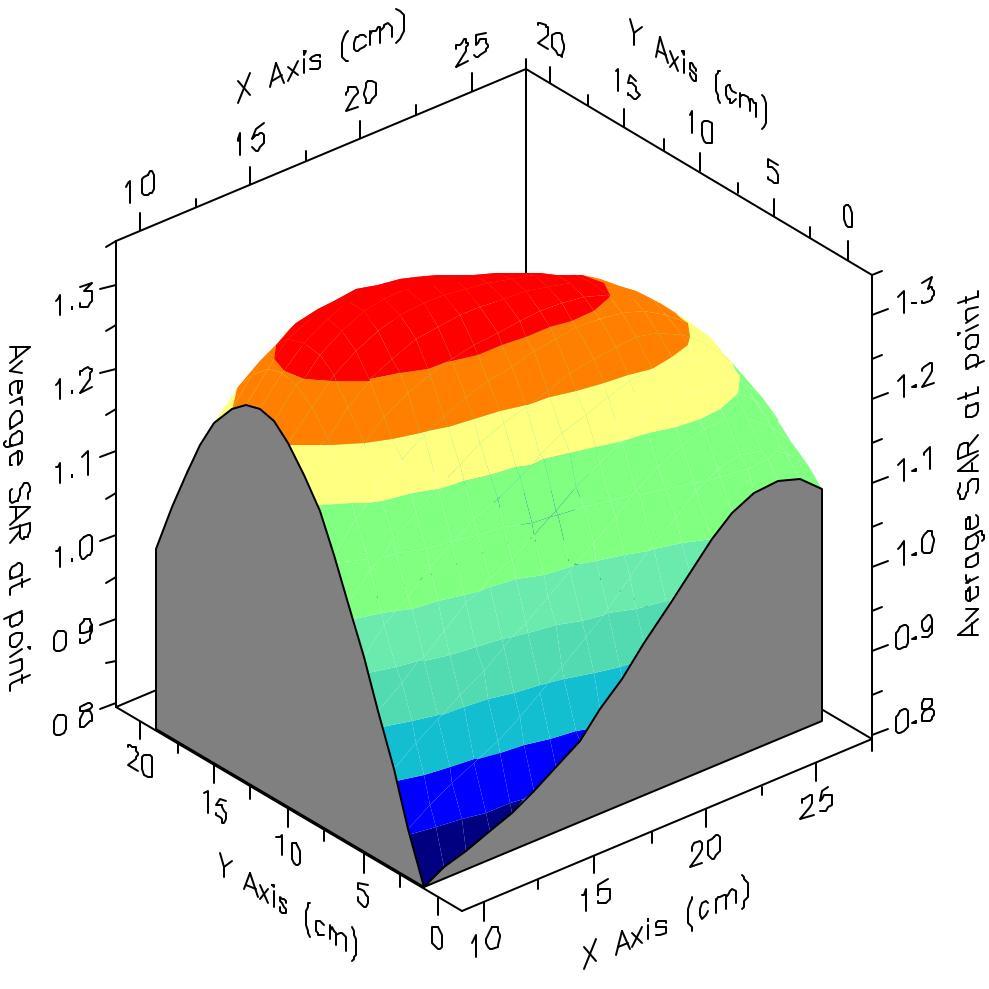
SAR Data Report 05062228

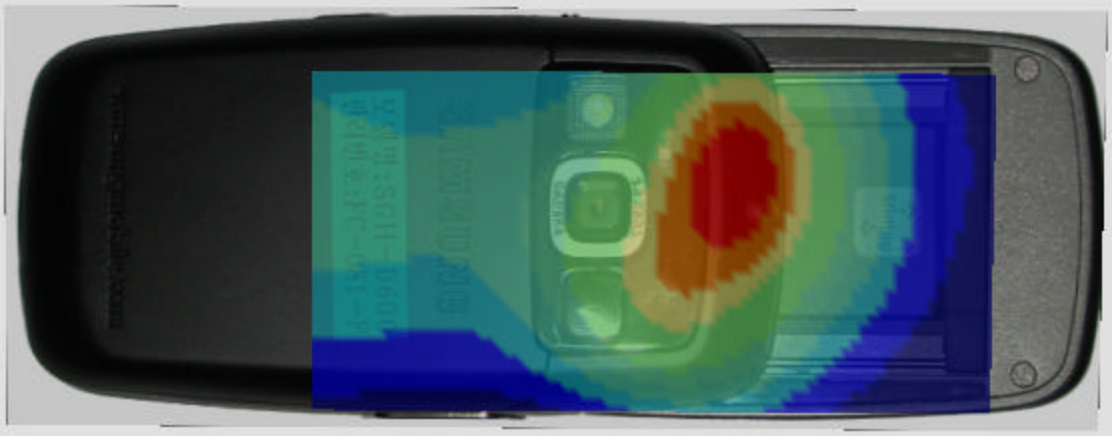
```
  Start        : 22-Jun-05 01:08:31 pm
  End          : 22-Jun-05 01:13:57 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM FLAT
  Phantom Type        : Uniphantom
  Tissue Type         : Muscle
  Tissue Dielectric   : 52.380
  Tissue Conductivity : 1.580
  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 (Slide Out w/ 1.5cm spacing)
  CF=4; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.787
  Reading @ End    = 0.779
  Power at End     = 99.1%


Area Scan - Max Peak SAR Value at x=10.0 y=5.0 = 1.21 W/kg

Zoom Scan - Max Peak SAR Value at x=8.0 y=5.0 z=0.0 = 2.11 W/kg

Max 1g SAR at x=12.0 y=5.0 z=0.0 = 1.17 W/kg

Max 10g SAR at x=13.0 y=3.0 z=0.0 = 0.61 W/kg
```

SAR - Z Axis
at Hotspot x:8.0 y:5.0



1g SAR Values

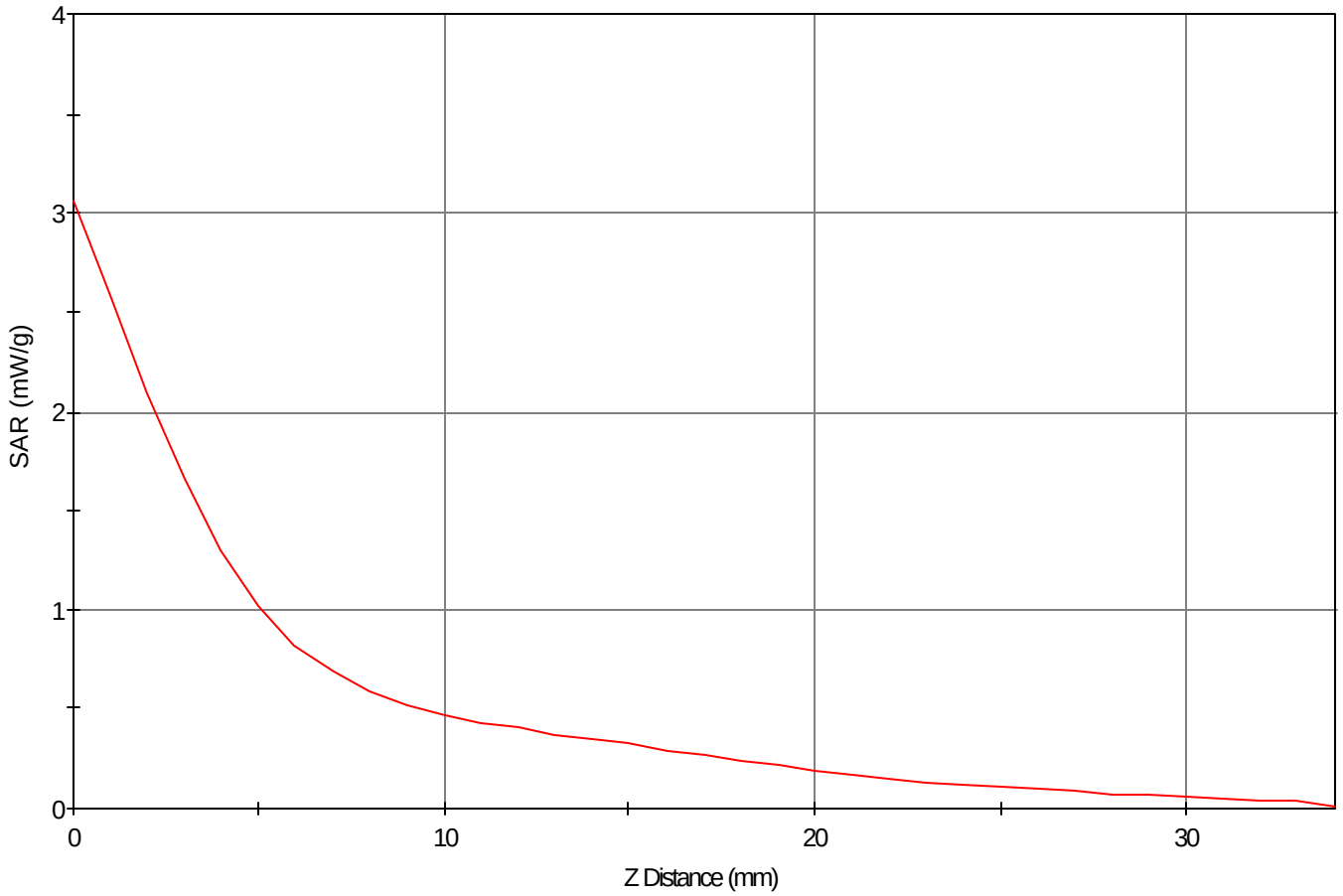




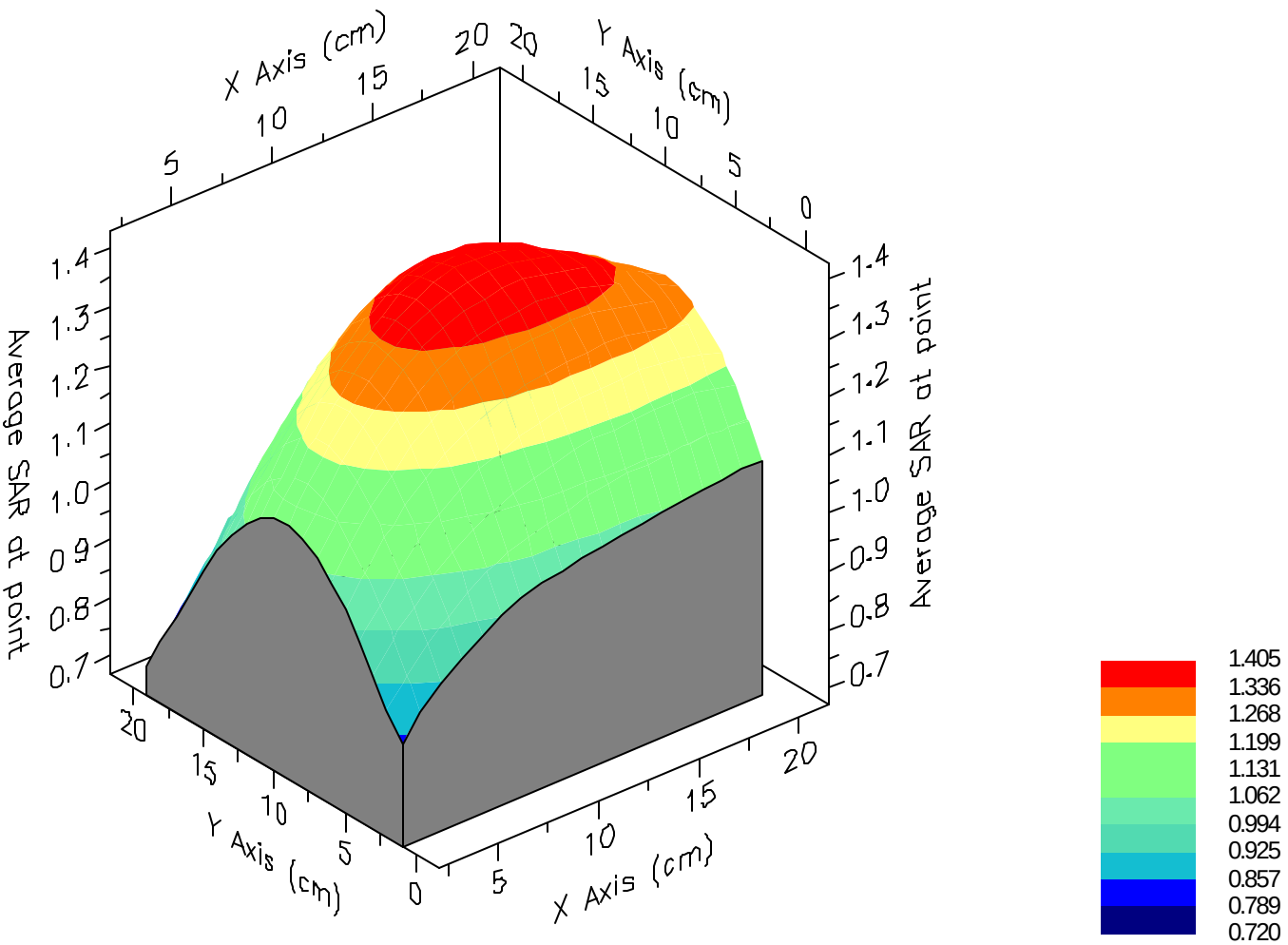
SAR Data Report 05062236

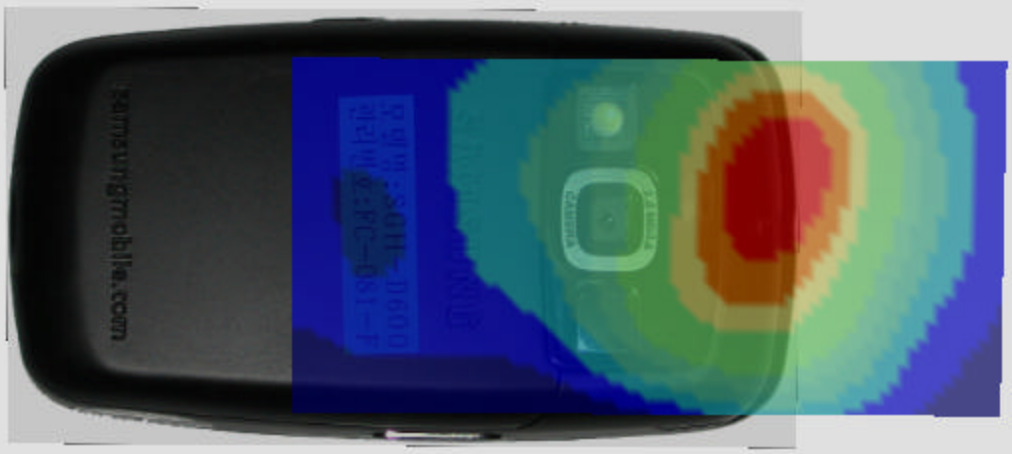
```
  Start        : 22-Jun-05 02:21:52 pm
  End          : 22-Jun-05 02:27:15 pm
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Samsung Dual-Band GSM Phone
  Model Number     : SGH-D600
  Serial Number    : FC-081-B
  Frequency        : 1850.2 MHz
  Transmit Pwr     : 1 W
  Antenna Type     : Helical
  Antenna Posn.    : Internal

Measurement Data:
  Phantom Name        : SAM FLAT
  Phantom Type        : Uniphantom
  Tissue Type         : Muscle
  Tissue Dielectric   : 52.380
  Tissue Conductivity : 1.580
  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 (Slide In w/ 1.5cm spacing & BlueTooth On)
  CF=4; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C


Power Drop Test:
  Reading @ start  = 0.691
  Reading @ End    = 0.674
  Power at End     = 97.5%


Area Scan - Max Peak SAR Value at x=11.0 y=10.0 = 1.33 W/kg

Zoom Scan - Max Peak SAR Value at x=7.0 y=9.0 z=0.0 = 3.06 W/kg

Max 1g SAR at x=12.0 y=10.0 z=0.0 = 1.40 W/kg

Max 10g SAR at x=14.0 y=9.0 z=0.0 = 0.71 W/kg
```

SAR - Z Axis
at Hotspot x:7.0 y:9.0



1g SAR Values



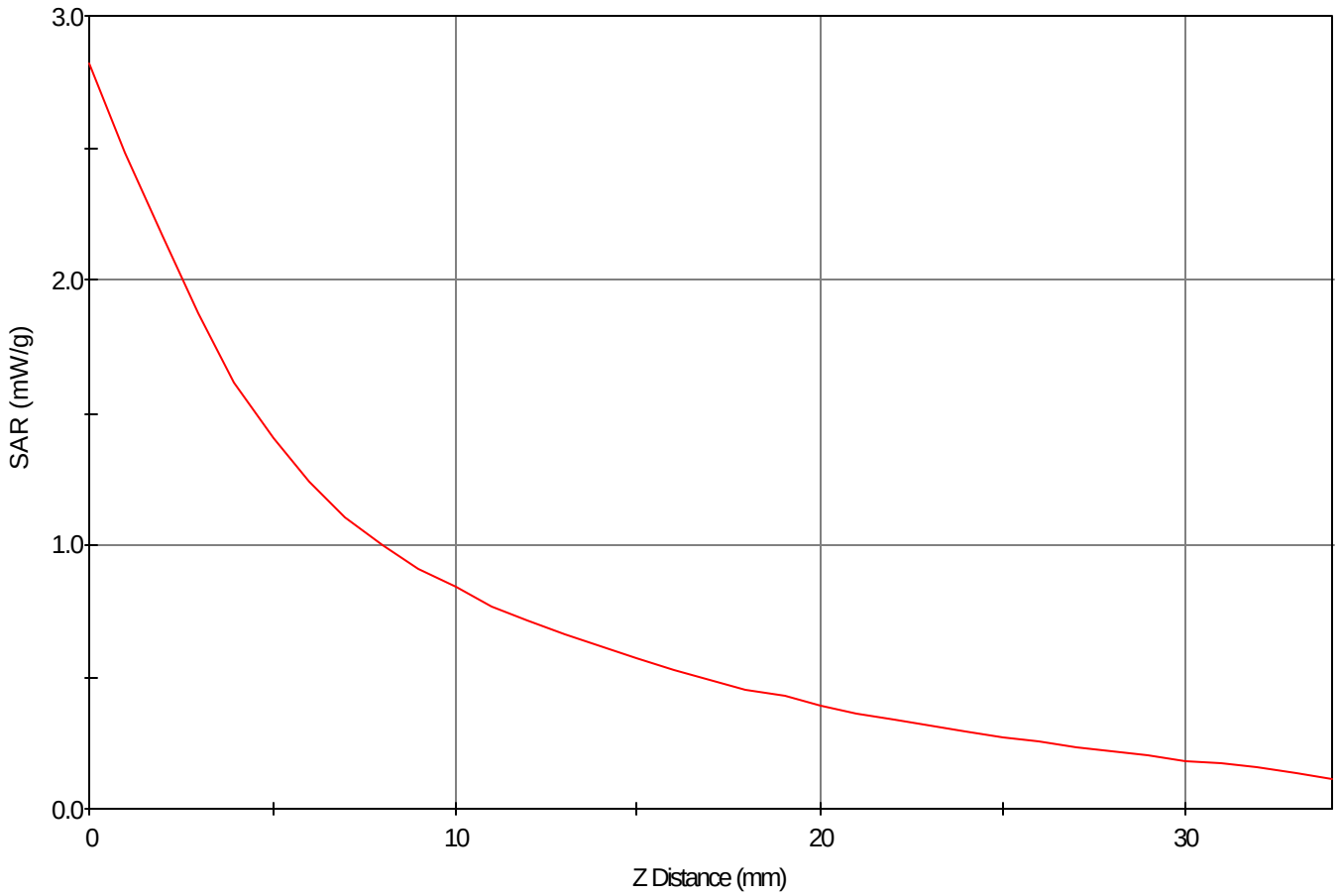

samsungmobile.com

APPENDIX B: DIPOLE VALIDATION

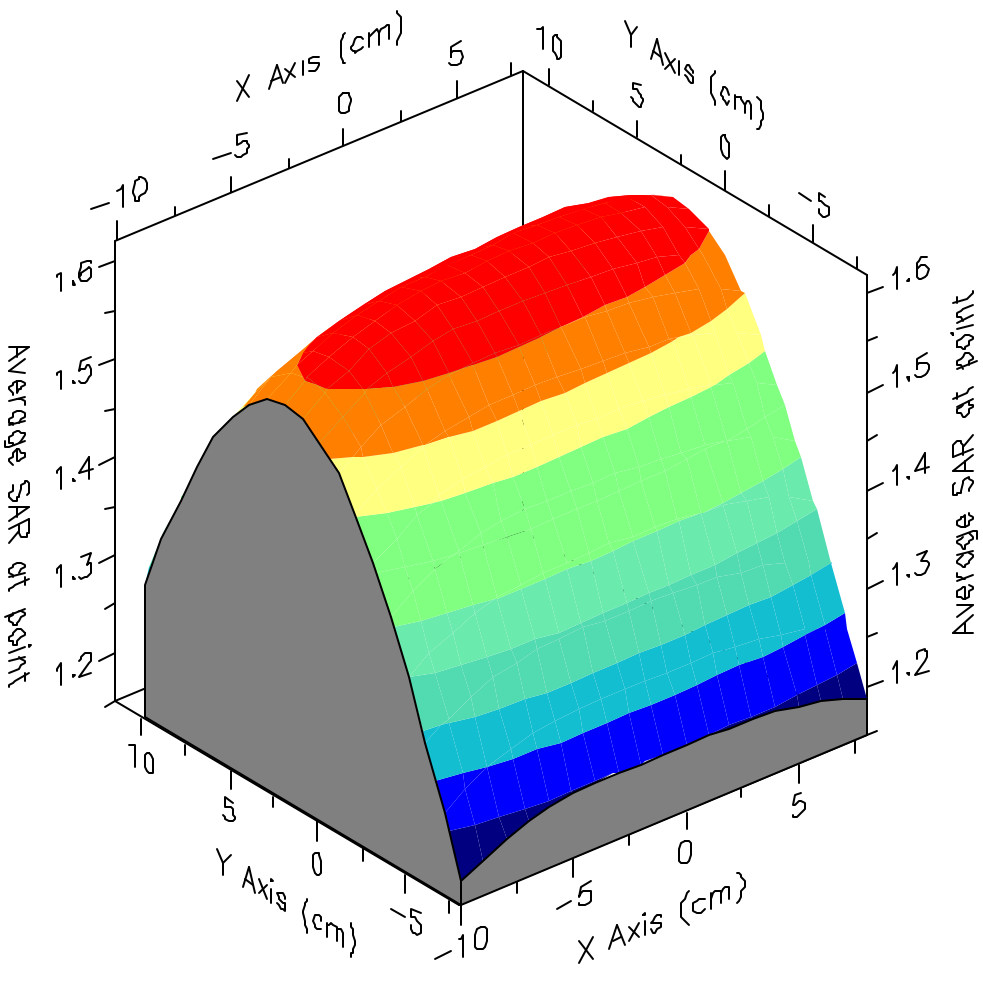
SAR Data Report 05062004

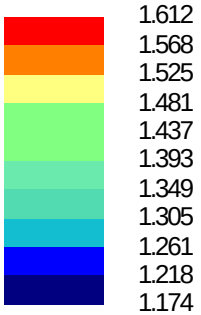
```
  Start        : 20-Jun-05 09:13:16 am
  End          : 20-Jun-05 09:18:10 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Verification
  Model Number     : E-020
  Serial Number    : PCT005
  Frequency        : 835 MHz
  Transmit Pwr     : 0.16 W
  Antenna Type     : Dipole
  Antenna Posn.    : Verification

Measurement Data:
  Phantom Name        : FLATPHANTOM
  Phantom Type        : Uniphantom
  Tissue Type         : Brain
  Tissue Dielectric   : 42.880
  Tissue Conductivity : 0.900
  Tissue Density      : 1.000
  Robot Name          : CRS

Probe Data:
  Probe Name              : PCT005
  Probe Type              : E Fld Triangle
  Frequency               : 835 MHz
  Tissue Type             : Brain
  Calibrated Dielectric   : 40.810
  Calibrated Conductivity :  0.870
  Calibrated Density      :  1.000
  Probe Offset            :  1.600 mm
  Conversion Factor       :  5.500
  Probe Sensitivity :  3.807   3.736   3.821   mV/(mW/cm^2)
  Amplifier Gains   :  20.00   20.00   20.00

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

Comments:
  835MHz Verification

  CF=1; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C

Power Drop Test:
  Reading @ start  = 2.554
  Reading @ End    = 2.636
  Power at End     = 103.2%

Area Scan - Max Peak SAR Value at x=-1.0 y=1.0 = 1.62 W/kg

Zoom Scan - Max Peak SAR Value at x=-7.0 y=1.0 z=0.0 = 2.82 W/kg

Max 1g SAR at x=0.0 y=2.0 z=0.0 = 1.61 W/kg

Max 10g SAR at x=0.0 y=2.0 z=0.0 = 0.95 W/kg

Validation Results at 0.16 W:
Peak Nominal = 2.3, Error:  24.93 %
1g Nominal   = 1.5, Error:  6.08 %
10g Nominal  = 1.0, Error:  -3.75 %
```

SAR - Z Axis
at Hotspot x:-7.0 y:1.0



1g SAR Values

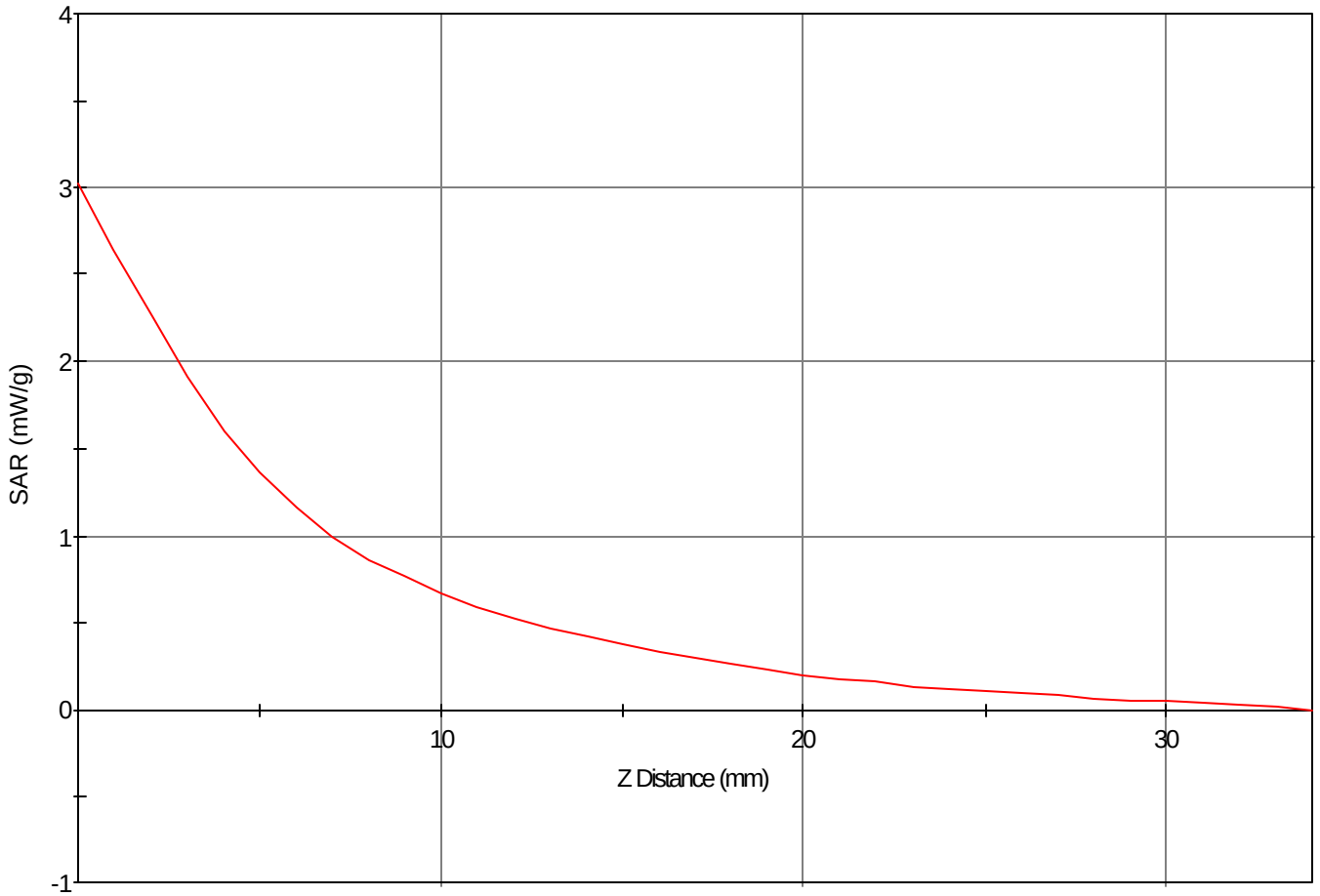




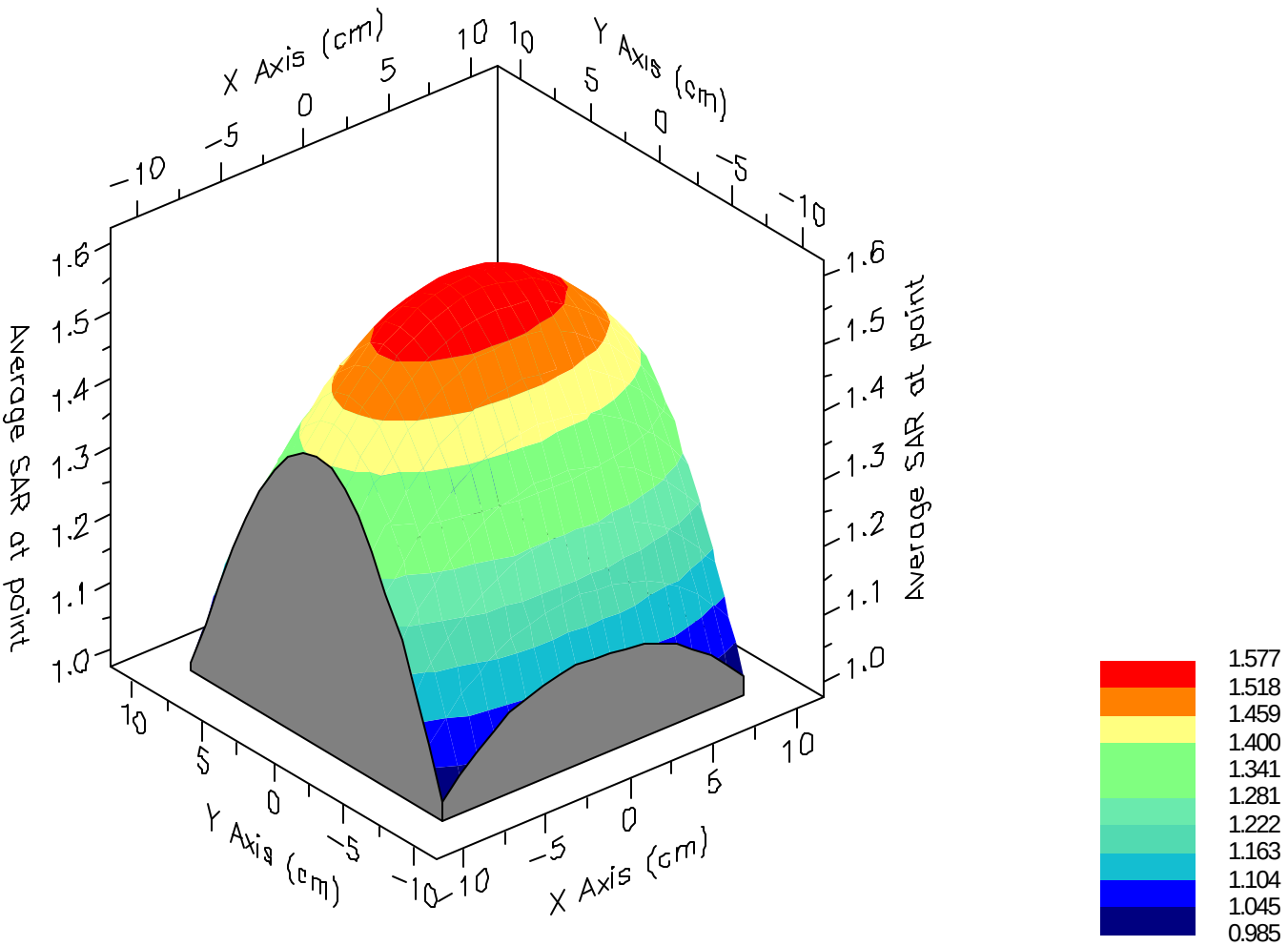
SAR Data Report 05062006

```
  Start        : 20-Jun-05 10:10:07 am
  End          : 20-Jun-05 10:14:41 am
  Code Version : 4.08
  Robot Version: 4.08

Product Data:
  Type             : Verification
  Model Number     : E-020
  Serial Number    : PCT005
  Frequency        : 1900 MHz
  Transmit Pwr     : 0.040 W
  Antenna Type     : Dipole
  Antenna Posn.    : Verification

Measurement Data:
  Phantom Name        : FLATPHANTOM
  Phantom Type        : Uniphantom
  Tissue Type         : Brain
  Tissue Dielectric   : 38.590
  Tissue Conductivity : 1.460
  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:
  1900MHz Verification

  CF=1; Amb. Temp= 22.5 'C; Liq. Temp=21.3 'C

Power Drop Test:
  Reading @ start  = 1.543
  Reading @ End    = 1.584
  Power at End     = 102.6%

Area Scan - Max Peak SAR Value at x=0.0 y=0.0 = 1.60 W/kg

Zoom Scan - Max Peak SAR Value at x=-2.0 y=0.0 z=0.0 = 3.03 W/kg

Max 1g SAR at x=0.0 y=0.0 z=0.0 = 1.58 W/kg

Max 10g SAR at x=0.0 y=0.0 z=0.0 = 0.77 W/kg

Validation Results at 0.04 W:
Peak Nominal = 2.9, Error:  5.20 %
1g Nominal   = 1.6, Error:  -0.67 %
10g Nominal  = 0.8, Error:  -5.53 %
```

SAR - Z Axis
at Hotspot x:-2.0 y:0.0



1g SAR Values



APPENDIX C: PROBE CALIBRATION

Probe E-020

SN: PCT005

Manufactured: November 10, 2004
Calibrated: January 17, 2005

Calibrated for the IDX System

PCTEST Calibration Laboratory

Approved By:

Alfred Cirwithian
Vice President Engineering

Calibration is performed according to IEEE Std. 1528 - 2003
and all test equipment used is traceable to U.S. NIST.

PCTEST Calibration Laboratory
6660-B Dobbin Road
Columbia, Maryland 21045 USA

Calibration Summary

Model: E-020
S/N: PCT005

Tissue Type	Frequency (MHz)	Dielectric Constant ε_r	Conductivity (S/m) σ	Conversion Factor $\gamma_x, \gamma_y, \gamma_z$
Brain	450	44.41	0.88	8.8
Brain	835	40.81	0.87	5.5
Brain	1900	39.02	1.37	5.4
Brain	2100	41.11	1.39	5.25
Muscle	450	57.70	0.96	9.24
Muscle	835	53.66	0.98	5.85
Muscle	1900	51.81	1.58	5.5
Muscle	2450	52.23	1.53	5.3

Frequency (MHz)	Isotropy	
	%	dB
450	1.23	0.05
835	2.12	0.09
1900	6.61	0.28
2450	7.61	0.32

Boundary Effect < 2%, 2.5 mm from probe tip to phantom

Diode Compression Point: 120 mV

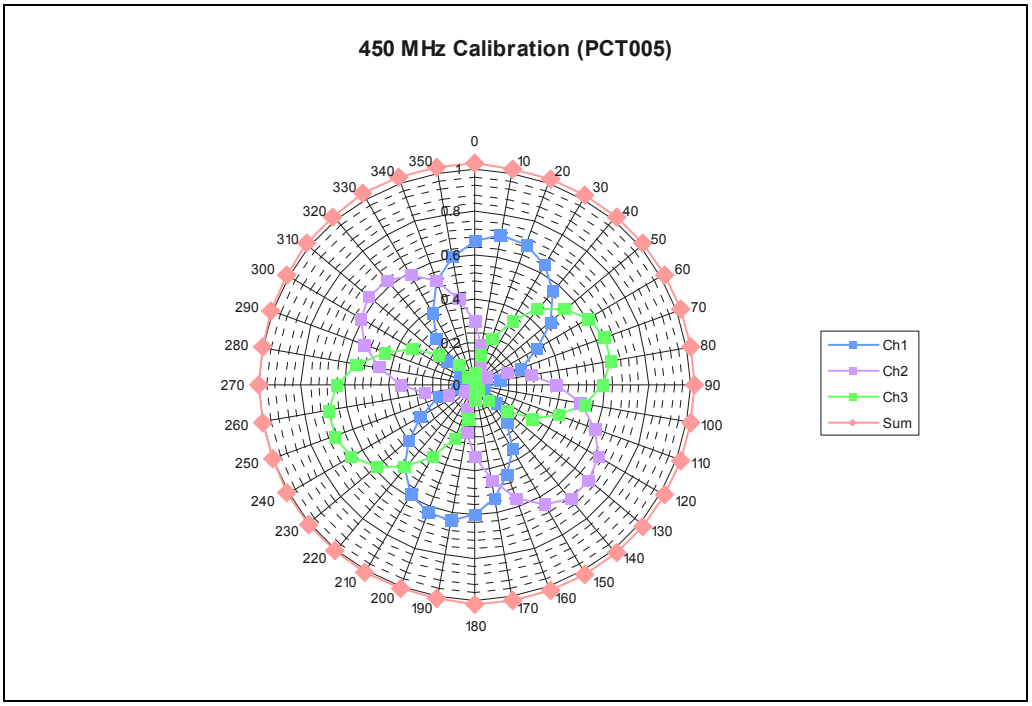
Environmental Conditons:

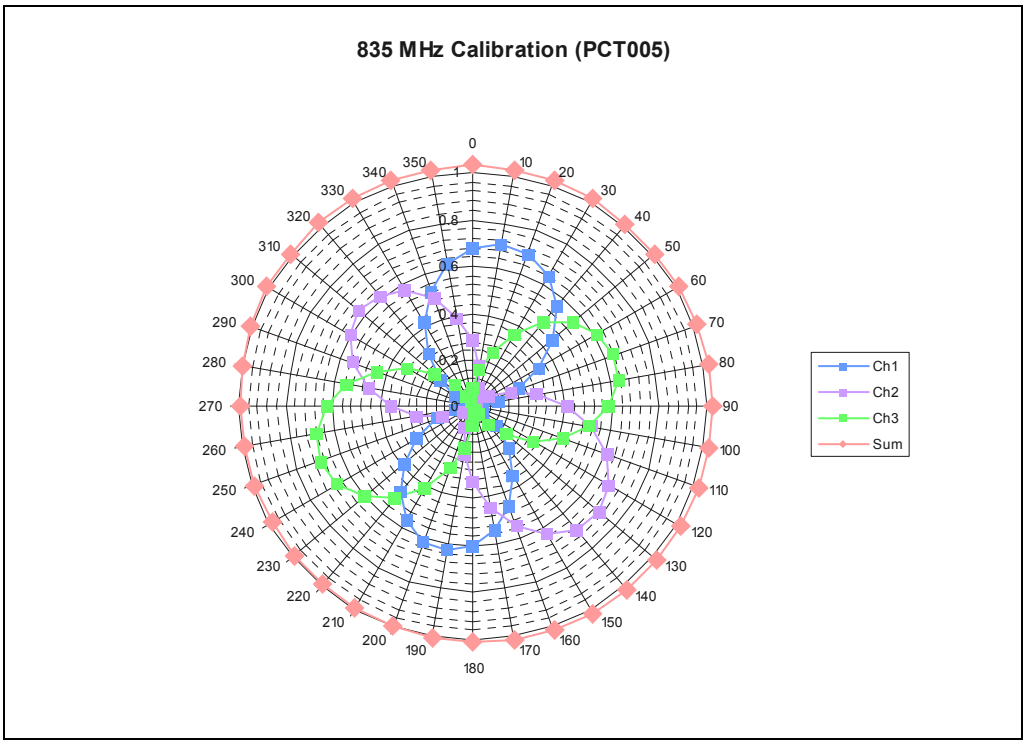
Temperature: 22.6 °C
Relative Humidity: 41%
Barometer: 101.2 kPa

This probe was calibrated under the IEEE Std 1309-1966, *IEEE Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz.*

Calibrated By: _____ Date: 1/17/05

PCTEST Calibration Laboratory
6660-B Dobbin Road
Columbia, Maryland 21045 USA

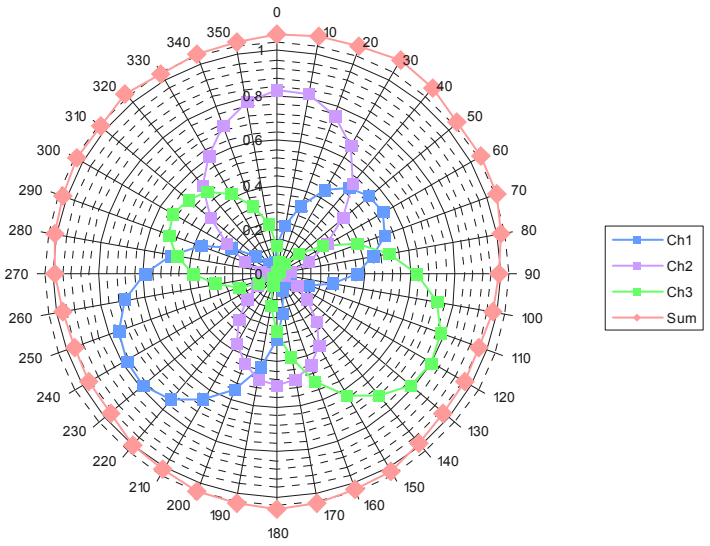




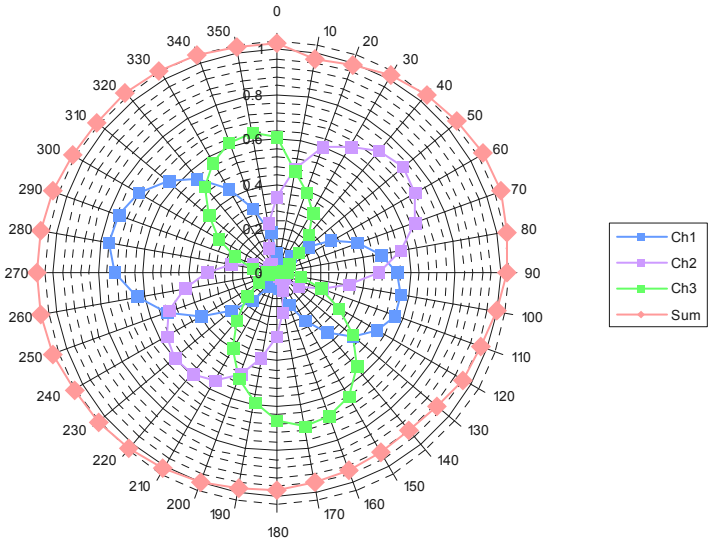
Calibrated By: _____ Date: 9/06/04

PCTEST Calibration Laboratory
6660-B Dobbin Road
Columbia, Maryland 21045 USA

1900 MHz Calibration (PCT005)

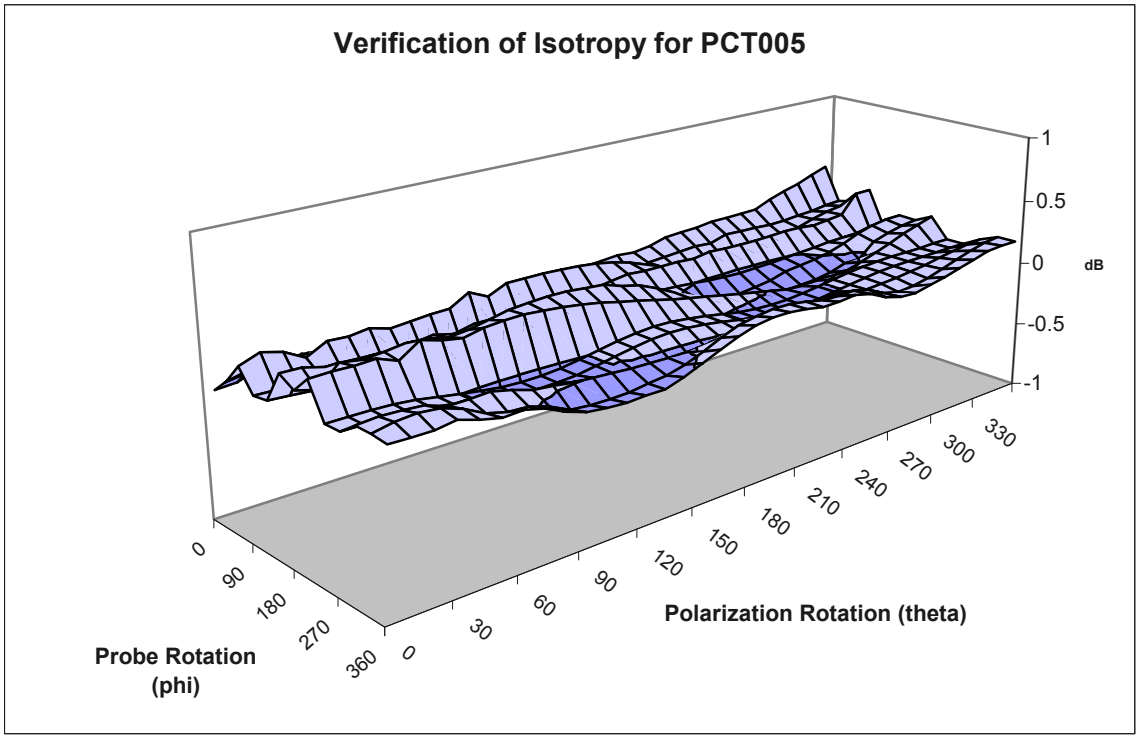


2450 MHz Calibration (PCT005)



Calibrated By: _____ Date: 9/06/04

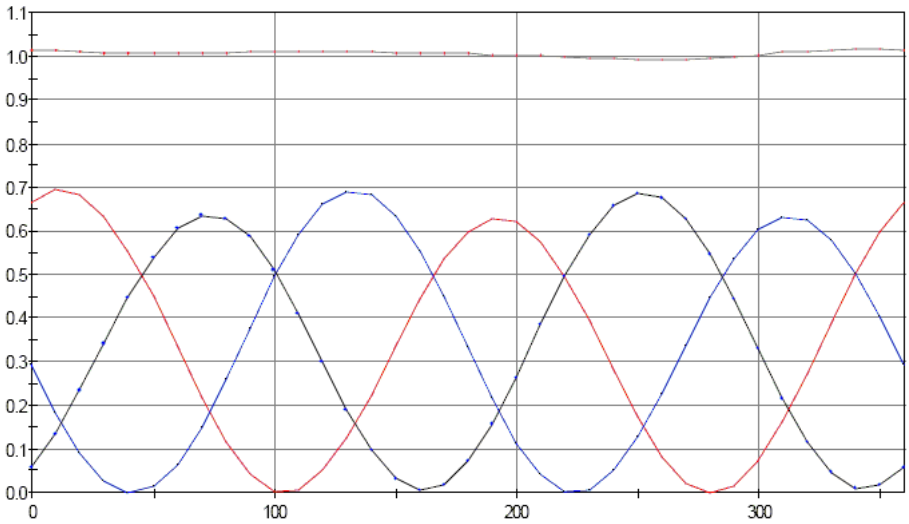
PCTEST Calibration Laboratory
6660-B Dobbin Road
Columbia, Maryland 21045 USA



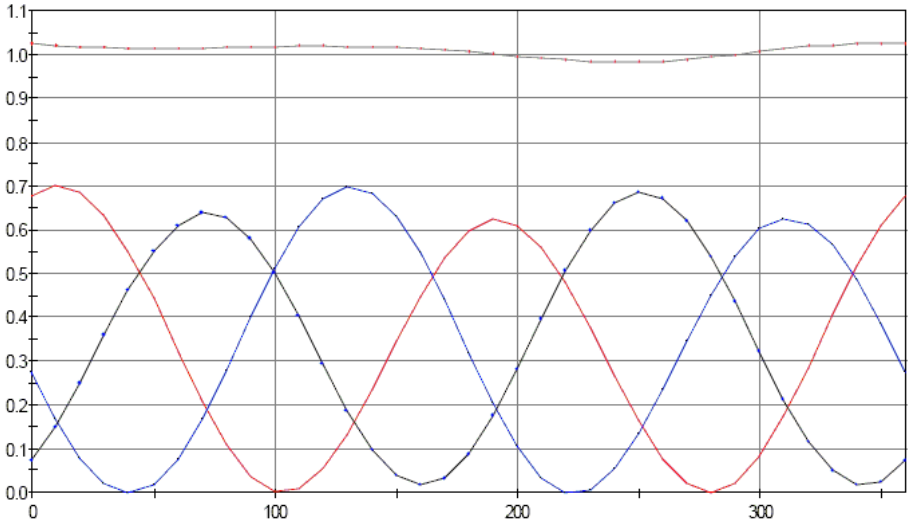
Calibrated By: _____ Date: 9/06/04

PCTEST Calibration Laboratory
6660-B Dobbin Road
Columbia, Maryland 21045 USA

TEM Calibration Plot
Date: 13-Jan-05 04:03:28 pm
Probe Name: PCT005
Frequency: 450
Sensitivity: Ch1: 3.320 Ch2: 3.289 Ch3: 3.267 mV/(mW/cm^2)
Isotropicity: 1.23% 0.05 db Min=0.993 Max=1.019



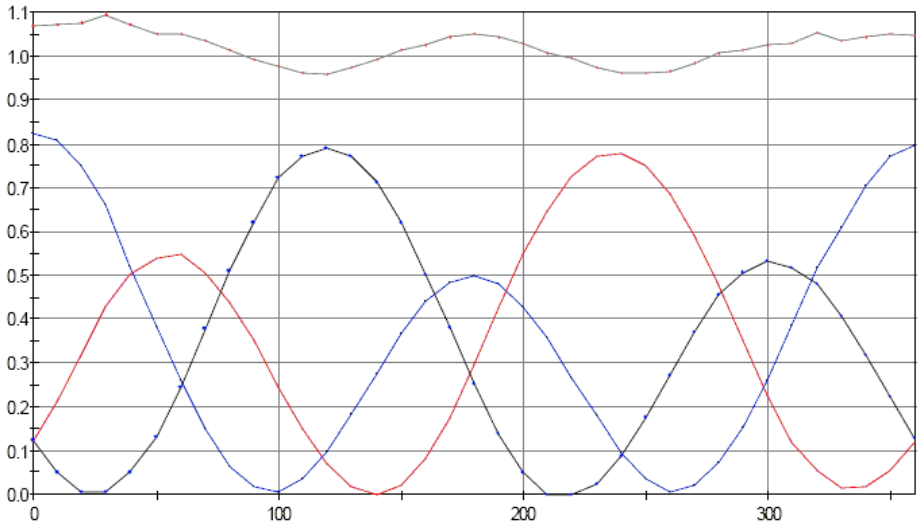
TEM Calibration Plot
Date: 13-Jan-05 03:41:45 pm
Probe Name: PCT005
Frequency: 835
Sensitivity: Ch1: 3.807 Ch2: 3.736 Ch3: 3.821 mV/(mW/cm^2)
Isotropicity: 2.12% 0.09 db Min=0.985 Max=1.028



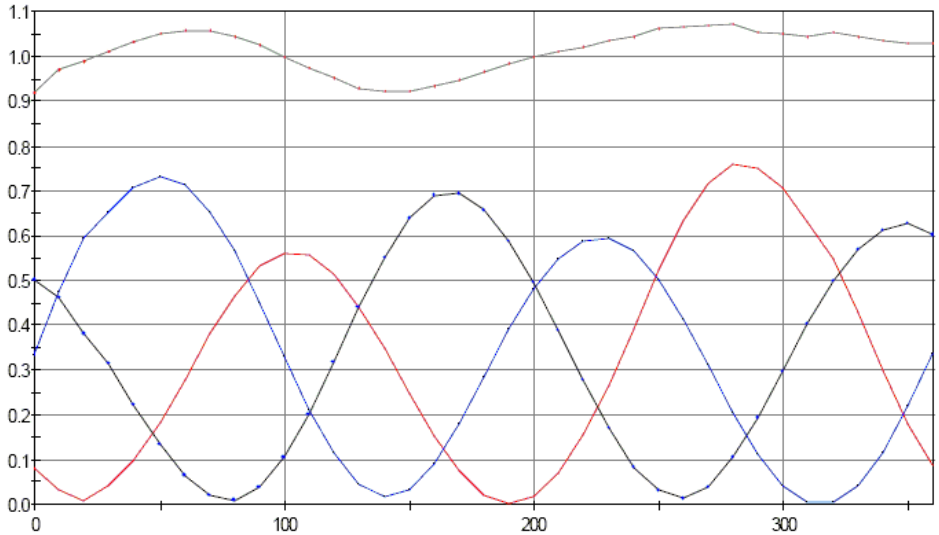
Calibrated By: _____ Date: 9/06/04

PCTEST Calibration Laboratory
6660-B Dobbin Road
Columbia, Maryland 21045 USA

TEM Calibration Plot
Date: 14-Jan-05 11:08:15 am
Probe Name: PCT005
Frequency: 1900
Sensitivity: Ch1: 5.115 Ch2: 4.969 Ch3: 4.453 mV/(mW/cm^2)
Isotropicity: 6.79% 0.29 db Min=0.961 Max=1.097

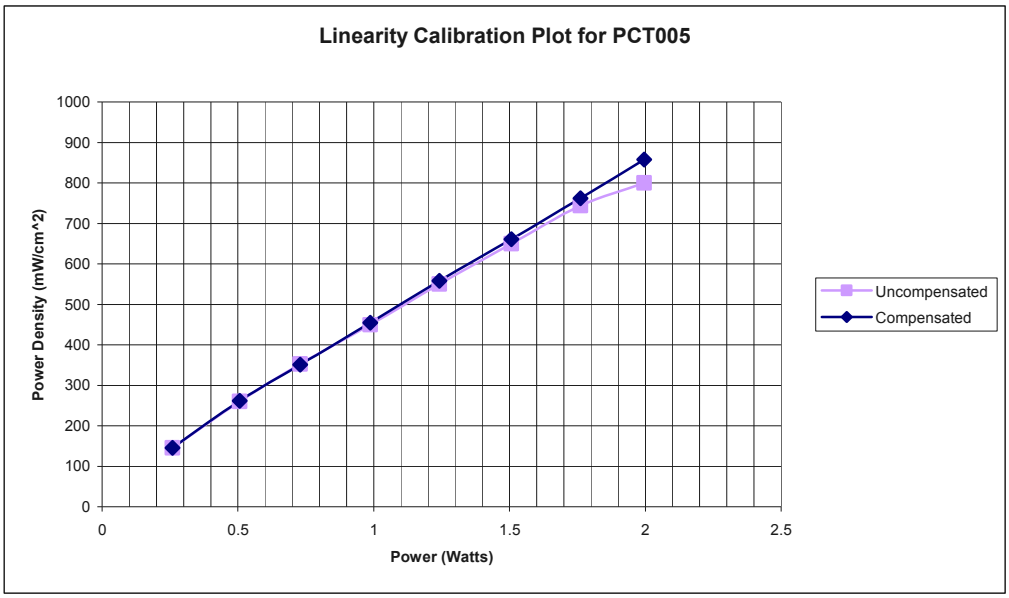


TEM Calibration Plot
Date: 14-Jan-05 11:38:38 am
Probe Name: PCT005
Frequency: 2450
Sensitivity: Ch1: 5.496 Ch2: 4.887 Ch3: 5.267 mV/(mW/cm^2)
Isotropicity: 7.61% 0.32 db Min=0.921 Max=1.074



Calibrated By: _____ Date: 9/06/04

PCTEST Calibration Laboratory
6660-B Dobbin Road
Columbia, Maryland 21045 USA



Probe Physical Characteristics

Serial Number:	PCT005
Model:	E-020
Sensor Offset:	1.56 mm
Sensor Length:	2.5 mm
Tip Enclosure:	Ertalyte
Tip Diameter:	5 mm
Tip Length:	60 mm
Total Length:	290 mm

Calibrated By: _____ Date: 9/06/04

Test Equipment

The test equipment used during the probe calibration are listed as follows:

EQUIPMENT SPECIFICATIONS		
Type	Calibration Due	Asset Number/ Serial Number
CRS Robot F3	February 2005	RAF0134133
CRS C500C Motion Controller	February 2005	RCB0003303
CRS Teach Pendant (Joystick)	February 2005	STP0132231
DELL Computer, Pentium 4 1.6 GHz, Windows 2000™	February 2005	4PJZ111
Flat SAM Phantom (P-SAM-FLAT)	February 2005	94X-097
IDX Robot End Effector (EE-103-C)	February 2005	07111223
IDX Probe Amplifier	February 2005	07111113
Validation Dipole D835V2	October 2005	PCT441
Validation Dipole D1900V2	February 2005	PCT512
Validation Dipole D2450V2	October 2005	PCT641
HP-778D Dual-Directional Coupler (0.1 ~ 2.0 GHz)	November 2005	PCT664
MicroCircuits Directional Coupler (4.0 ~ 8.0 GHz)	November 2005	PE2204-6
Amplifier Research 5S1G4 Power Amp	January 2005	PCT540
IFI T184-10 Power Amplifier (4.0 ~ 18.0 GHz)	December 2005	5957
HP-8241A (250kHz ~ 20 GHz) Signal Generator	December 2005	88934
HP-8753E (30kHz ~ 6GHz) Network Analyzer	January 2006	PCT552
Rohde & Schwarz Power Meter NRVS 1020.1809.02	January 2006	835360/079
Rohde & Schwarz Power Sensor NRV-Z53 858.0500.02	April 2005	846076/007
HP85070B Dielectric Probe Kit	January 2005	PCT501
IFI CC110EXX TEM Cell (DC to 2000 MHz)	January 2006	PCT498
EMCO 3115 Horn Antenna (2.0 ~ 18.0 GHz)	August 2005	PCT496
Guildline 5150 Precision Dual-Thermometer	November 2005	66145

Calibrated By: _____ Date: 9/06/04