Appendix D

SAR Measurement Data

of

Product Name

Notebook Personal Computer

(with SIERRA HSDPA Module, Model:MC8775V)

Model

V100

(Brand: GETAC)

1 850MHz SAR measurement Data

SAR Test Report

Report Date : 20-Nov-2007
Measurement Date : 20-Nov-2007

Product Data
Device Name : v100
Serial No. : Around-Top
Type : Other
Frequency : 835.00 MHz
Max. Transmit Pwr : 1.513 W
Drift Time : 0 min(s)
Length : 290 mm
Width : 20 mm
Depth : 5 mm
Antenna Type : Internal

Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center

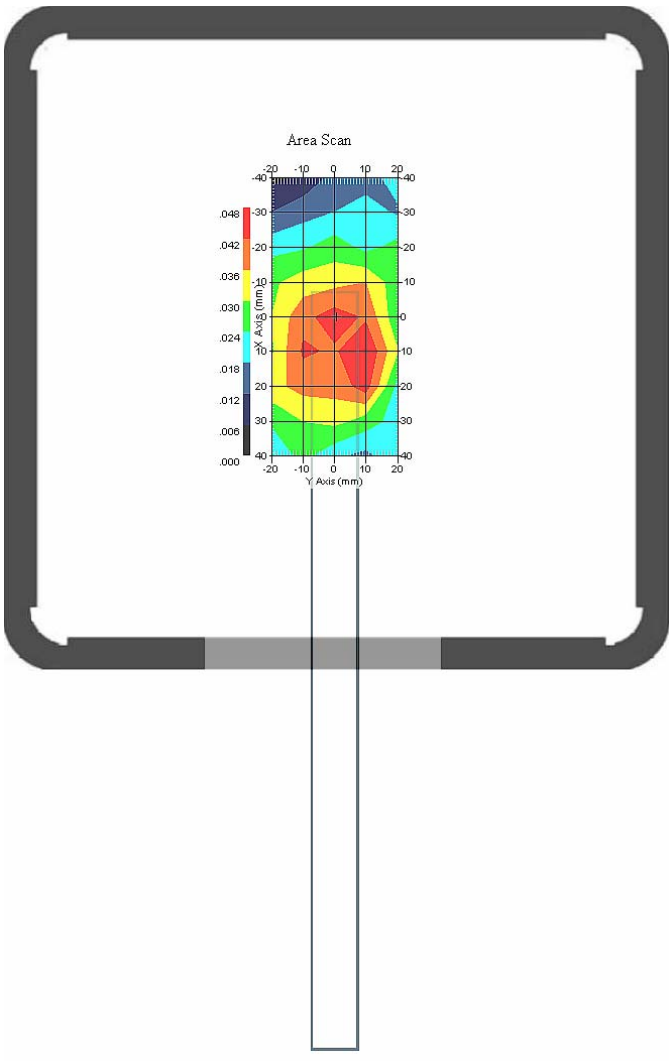
Tissue Data
Type : BODY
Serial No. : 835_Body
Frequency : 835.00 MHz
Last Calib. Date : 20-Nov-2007
Temperature : 22.20 °C
Ambient Temp. : 22.50 °C
Humidity : 50.00 RH%
Epsilon : 54.23 F/m
Sigma : 0.98 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 09-Jul-2007
Frequency : 835.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 6.8
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

1.1 835 MHz, EUT Position: Around-Top

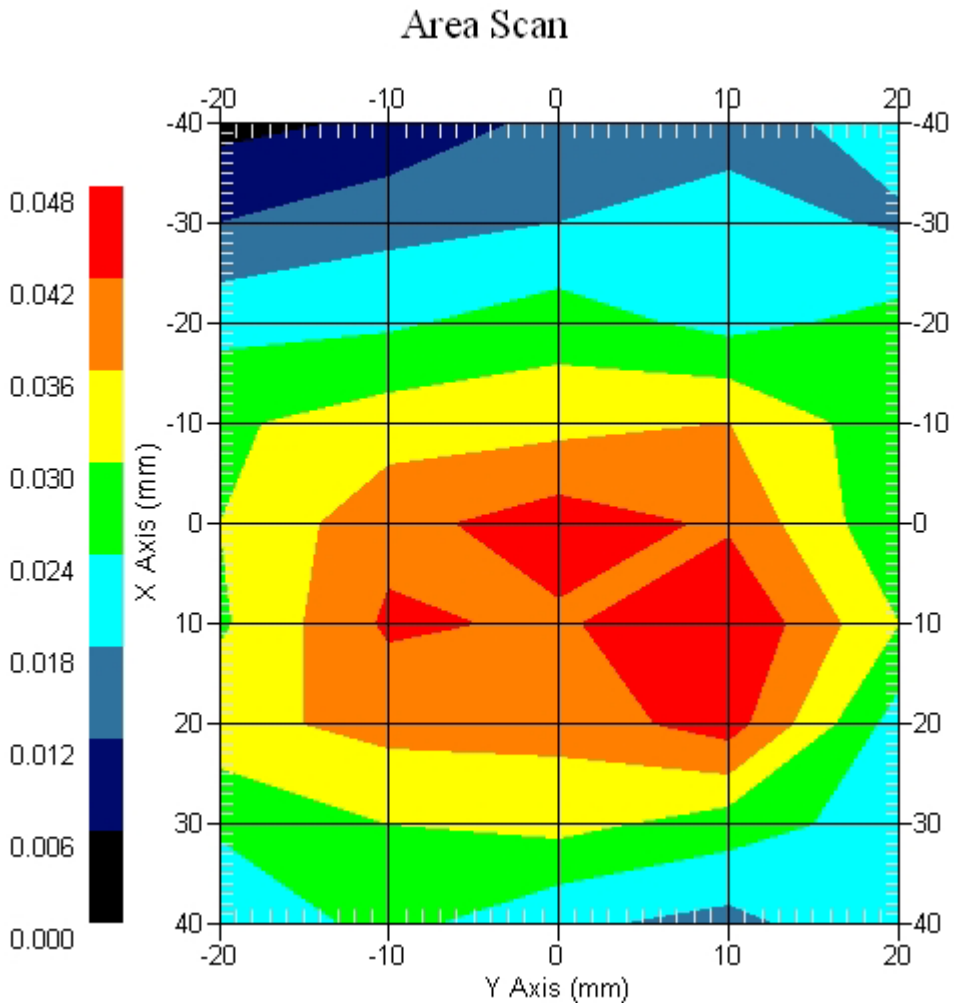
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 20-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Low

Power Drift-Start : 0.057 W/kg
Power Drift-Finish: 0.056 W/kg
Power Drift (%)   : -1.754
```




```
1 gram SAR value    : 0.061 W/kg
10 gram SAR value   : 0.034 W/kg
Area Scan Peak SAR  : 0.048 W/kg
Zoom Scan Peak SAR  : 0.140 W/kg
```

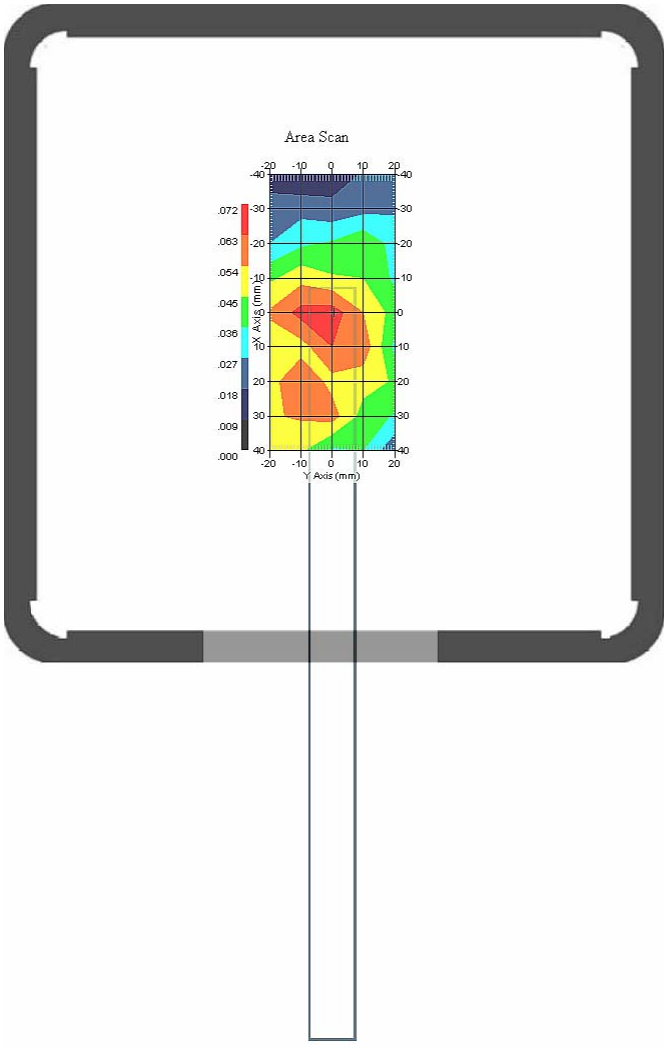
Area Scan Plot



1.2 835 MHz, EUT Position: Around-Top

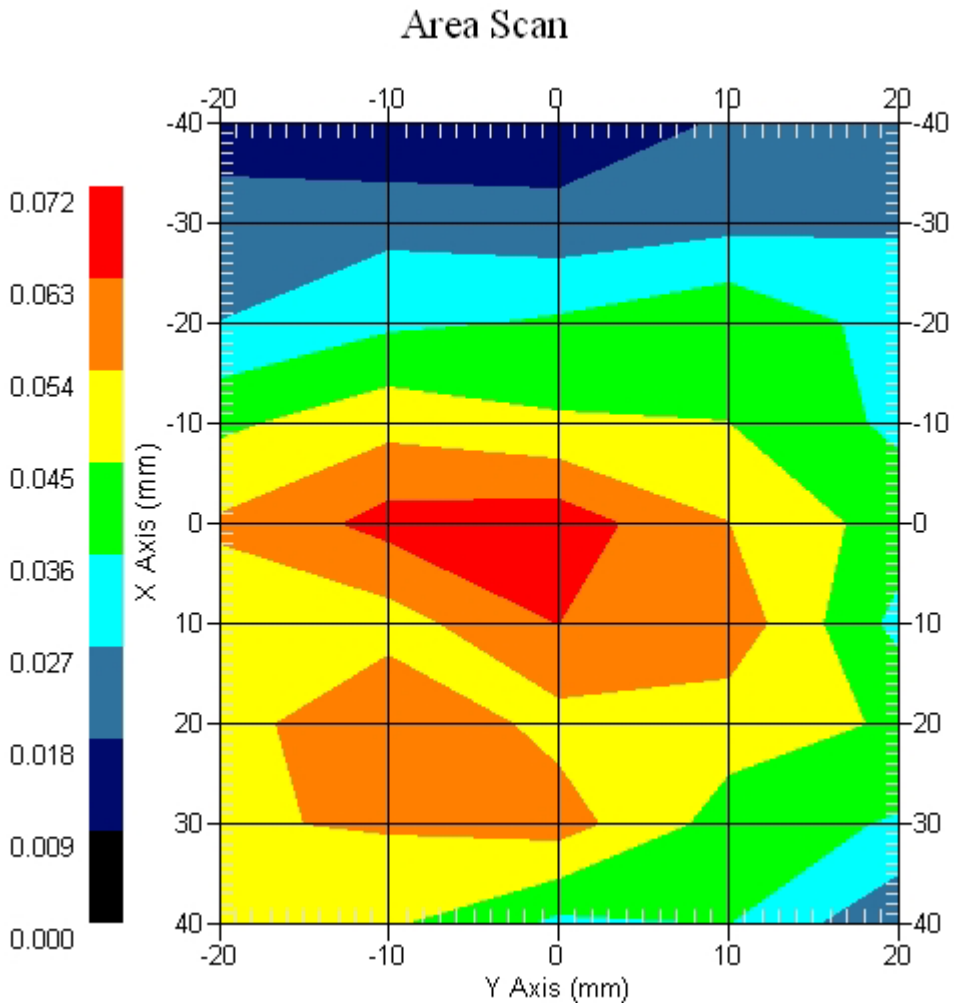
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 20-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.076 W/kg
Power Drift-Finish: 0.079 W/kg
Power Drift (%)   : 4.833
```




```
1 gram SAR value   : 0.074 W/kg
10 gram SAR value  : 0.046 W/kg
Area Scan Peak SAR : 0.068 W/kg
Zoom Scan Peak SAR : 0.150 W/kg
```

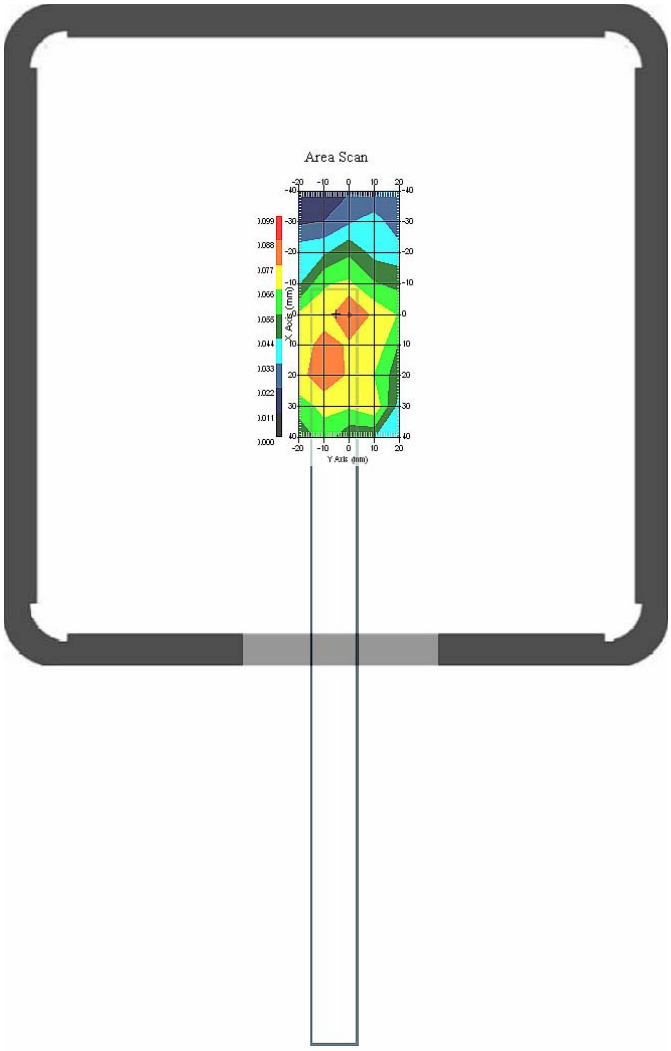
Area Scan Plot



1.3 835 MHz, EUT Position: Around-Top

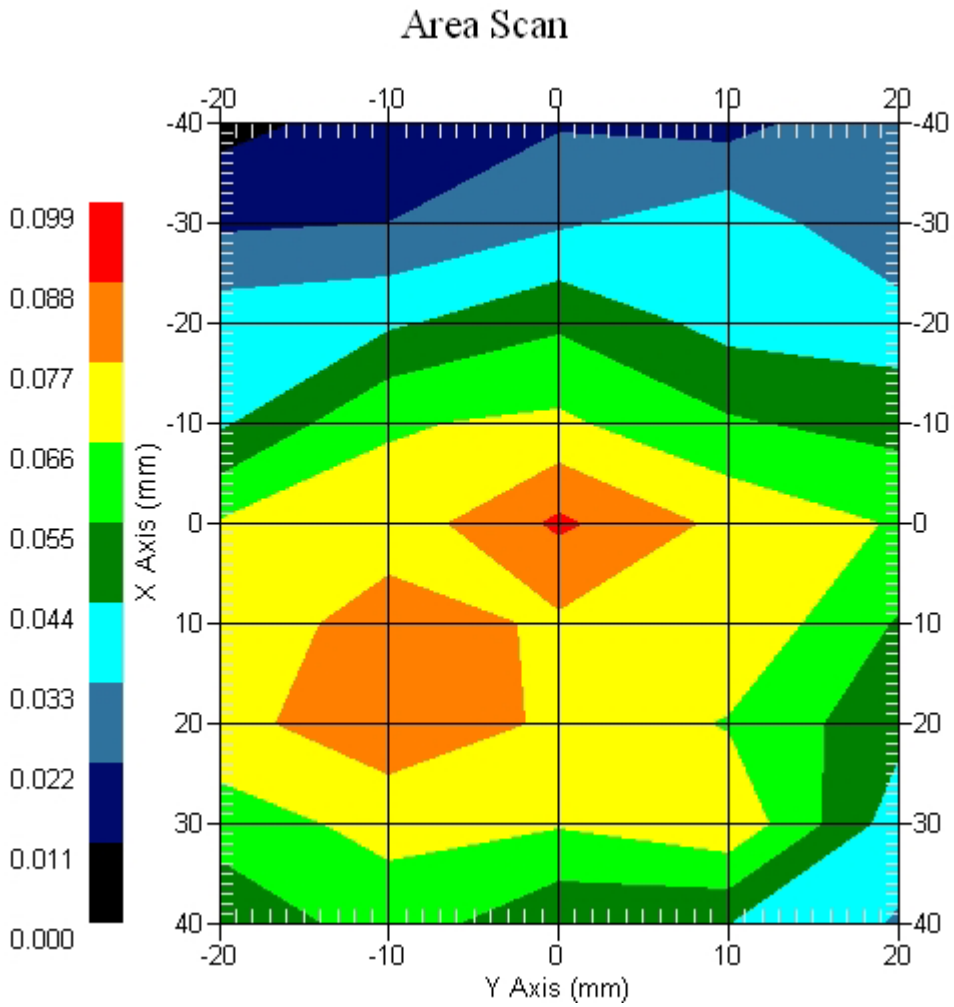
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 20-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : High

Power Drift-Start : 0.092 W/kg
Power Drift-Finish: 0.096 W/kg
Power Drift (%)   : 4.343
```




```
1 gram SAR value   : 0.089 W/kg
10 gram SAR value  : 0.051 W/kg
Area Scan Peak SAR : 0.090 W/kg
Zoom Scan Peak SAR : 0.180 W/kg
```

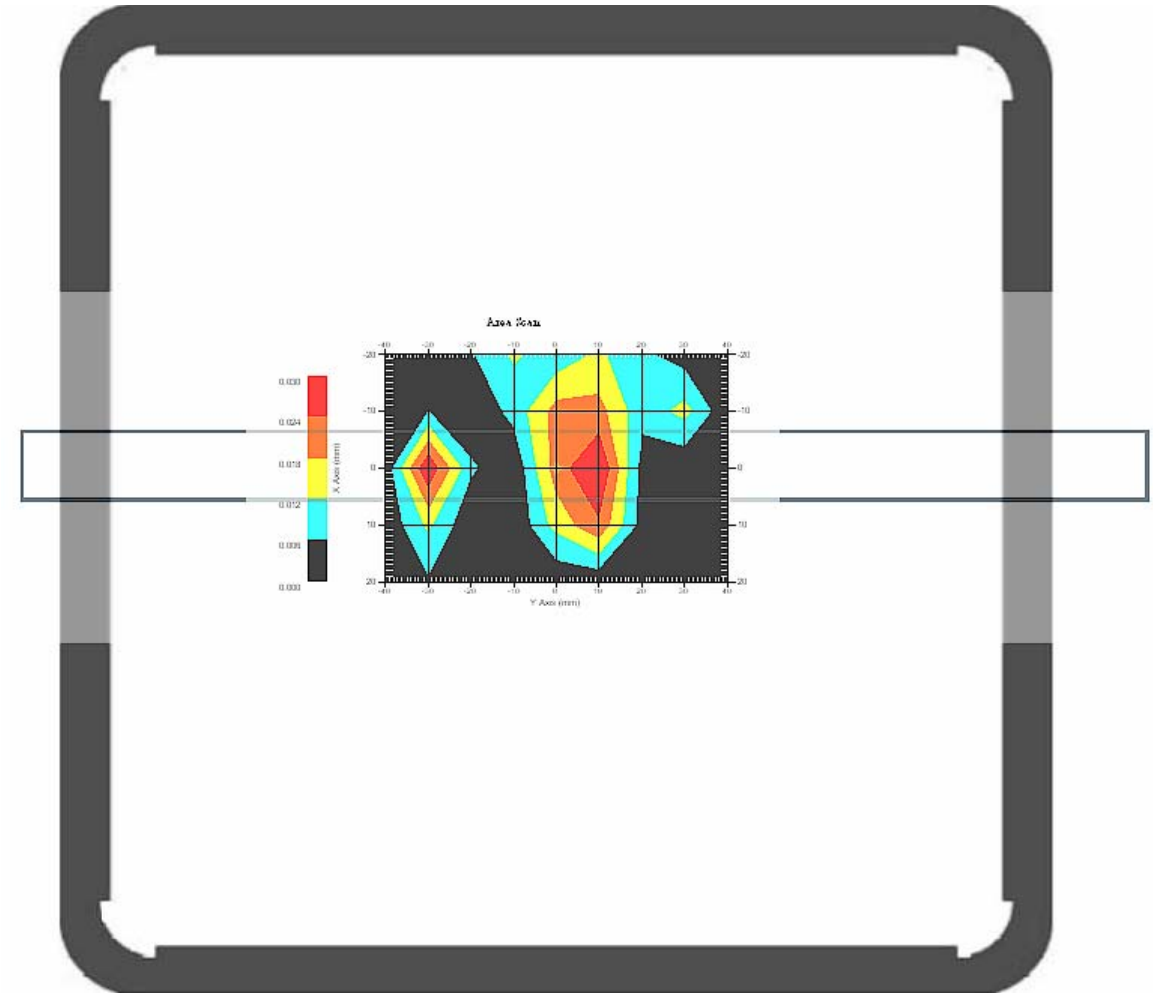
Area Scan Plot



1.4 835 MHz, EUT Position: Around-Left

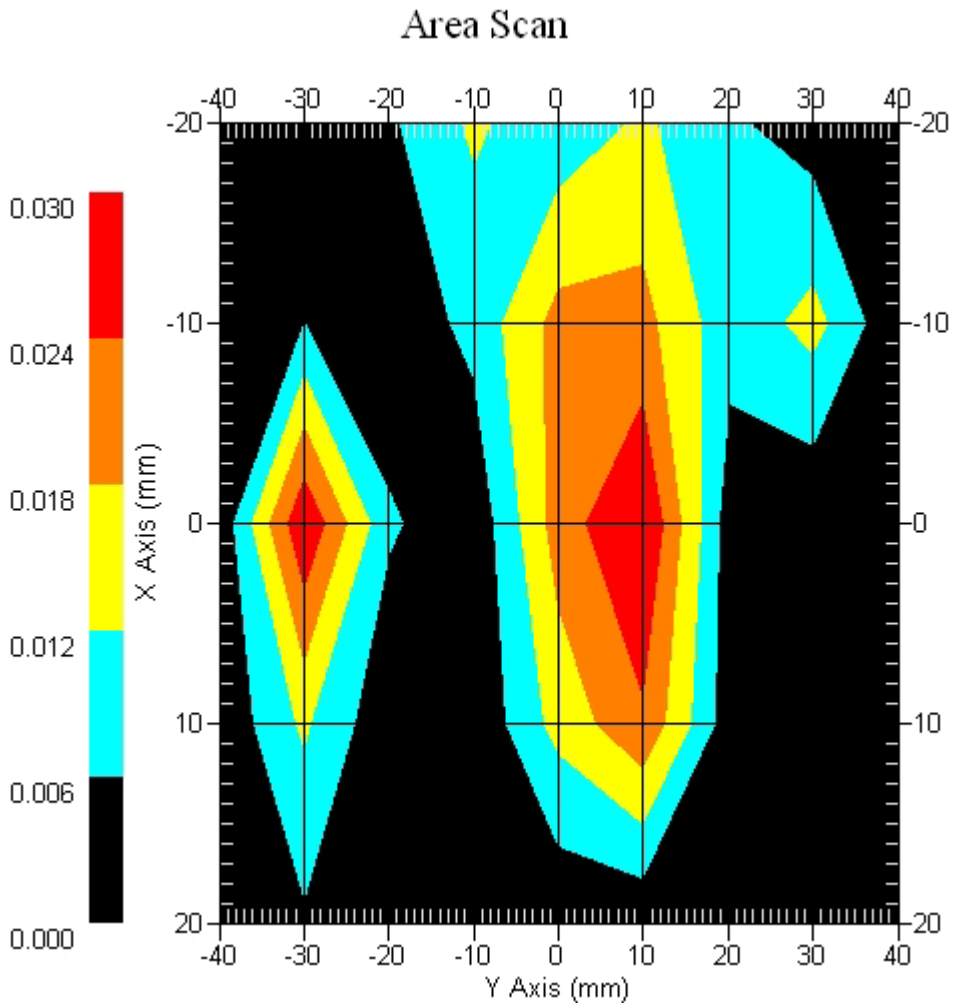
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 20-Nov-2007
Area Scan         : 5x9x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.017 W/kg
Power Drift-Finish: 0.017 W/kg
Power Drift (%)   : -0.051
```



```
1 gram SAR value    : 0.029 W/kg
10 gram SAR value   : 0.014 W/kg
Area Scan Peak SAR  : 0.030 W/kg
Zoom Scan Peak SAR  : 0.070 W/kg
```

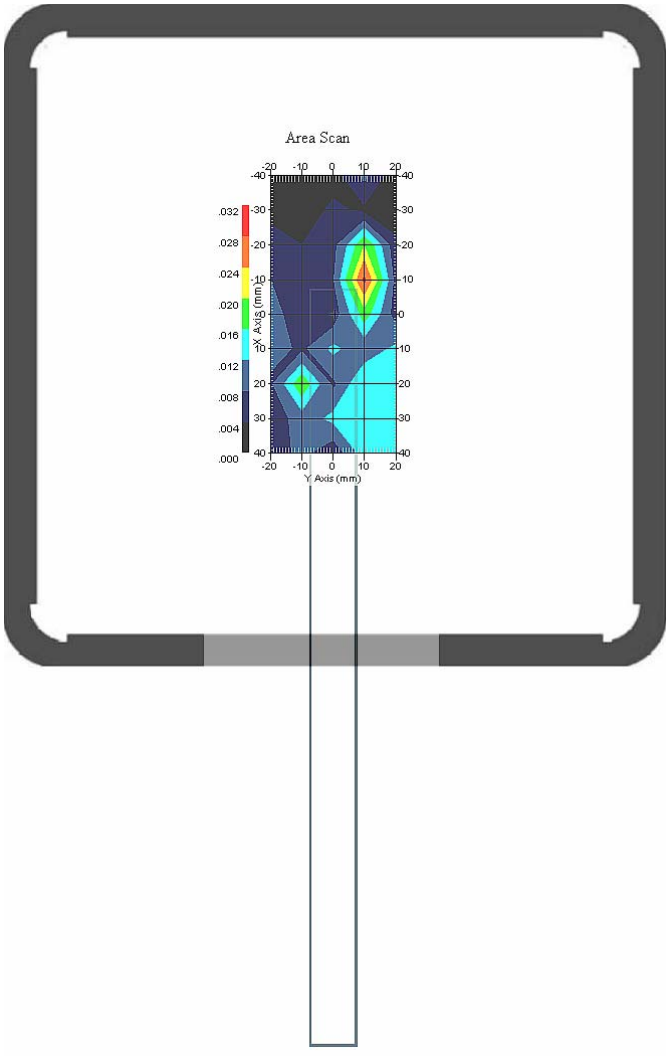
Area Scan Plot



1.5 835 MHz, EUT Position: Bottom-Right

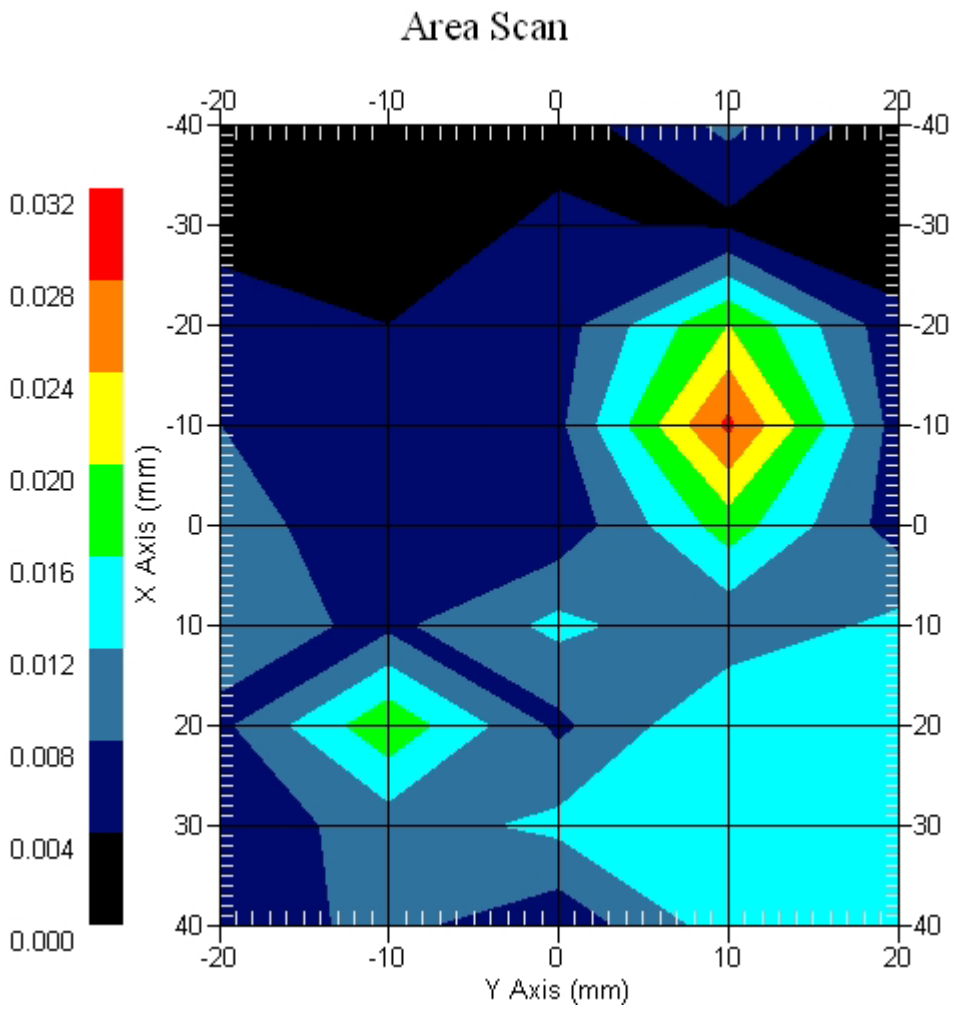
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 20-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.012 W/kg
Power Drift-Finish: 0.012 W/kg
Power Drift (%)   : 3.526
```




```
1 gram SAR value    : 0.014 W/kg
10 gram SAR value   : 0.007 W/kg
Area Scan Peak SAR  : 0.029 W/kg
Zoom Scan Peak SAR  : 0.050 W/kg
```

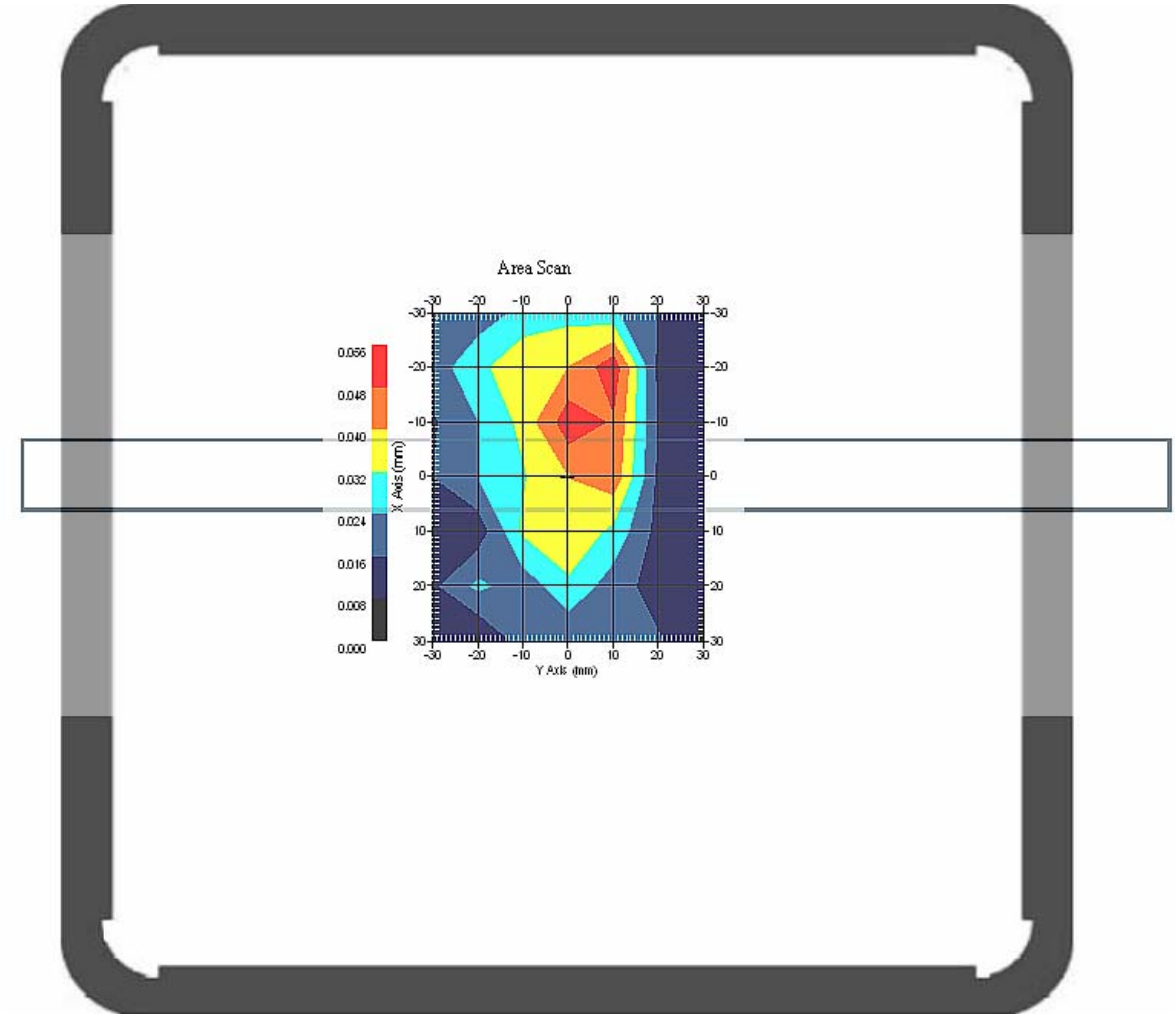
Area Scan Plot



1.6 835 MHz, EUT Position: Around-Under

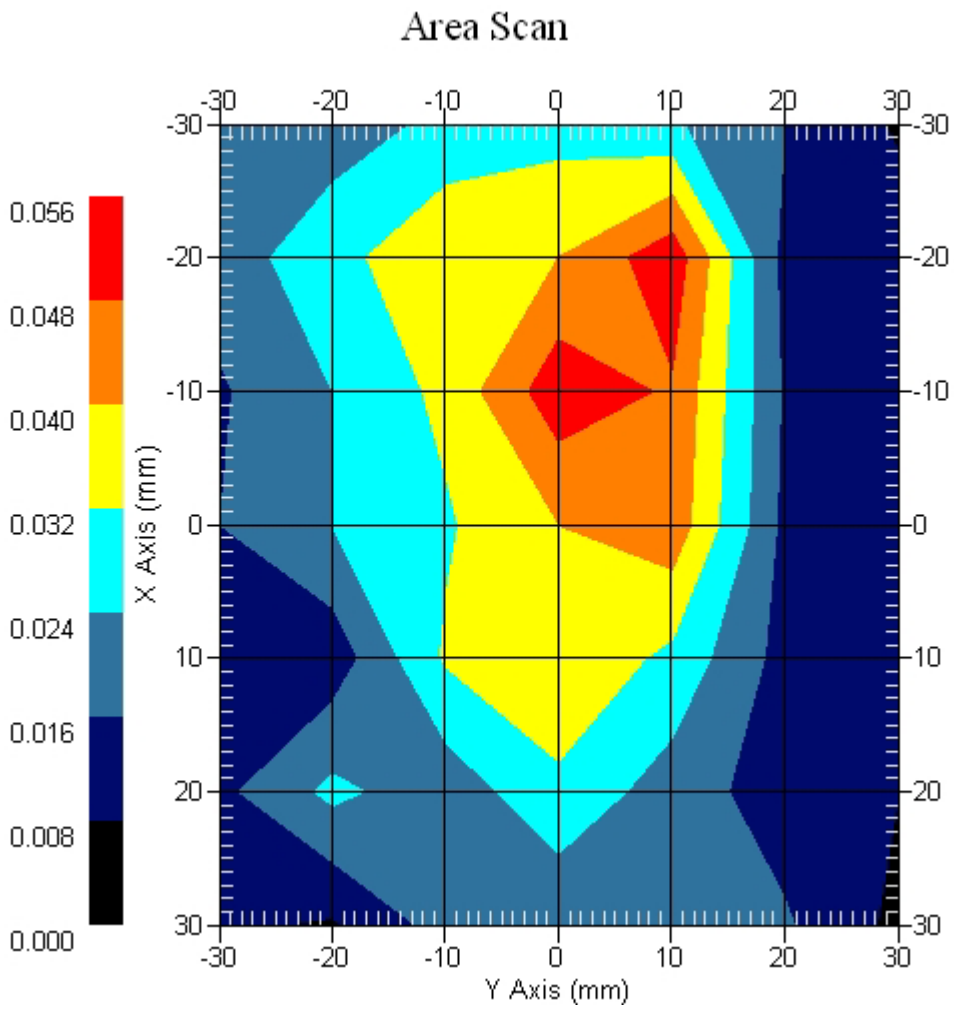
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 20-Nov-2007
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.032 W/kg
Power Drift-Finish: 0.031 W/kg
Power Drift (%)   : -3.125
```



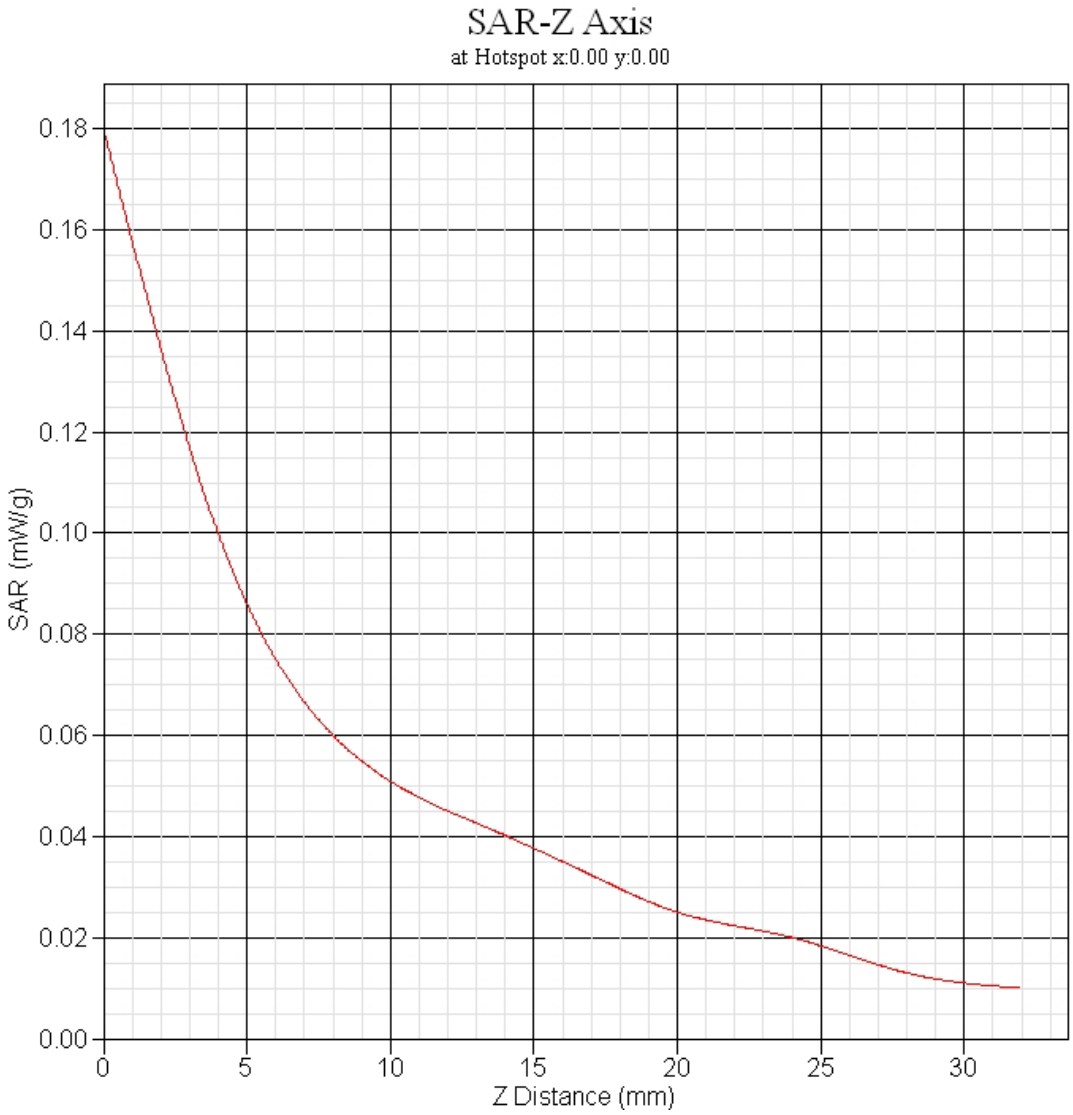

```
1 gram SAR value   : 0.054 W/kg
10 gram SAR value  : 0.042 W/kg
Area Scan Peak SAR : 0.053 W/kg
Zoom Scan Peak SAR : 0.100 W/kg
```

Area Scan Plot



1.7 850 MHz Z-Axis plot

Frequency: GSM 850 MHz, EUT Around-Top



2 1900MHz SAR measurement Data

SAR Test Report

Report Date : 21-Nov-2007
Measurement Date : 21-Nov-2007

Product Data
Device Name : v100
Serial No. : Around-Top
Type : Other
Frequency : 1900.00 MHz
Max. Transmit Pwr : 1.513 W
Drift Time : 0 min(s)
Length : 290 mm
Width : 20 mm
Depth : 5 mm
Antenna Type : Internal

Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center

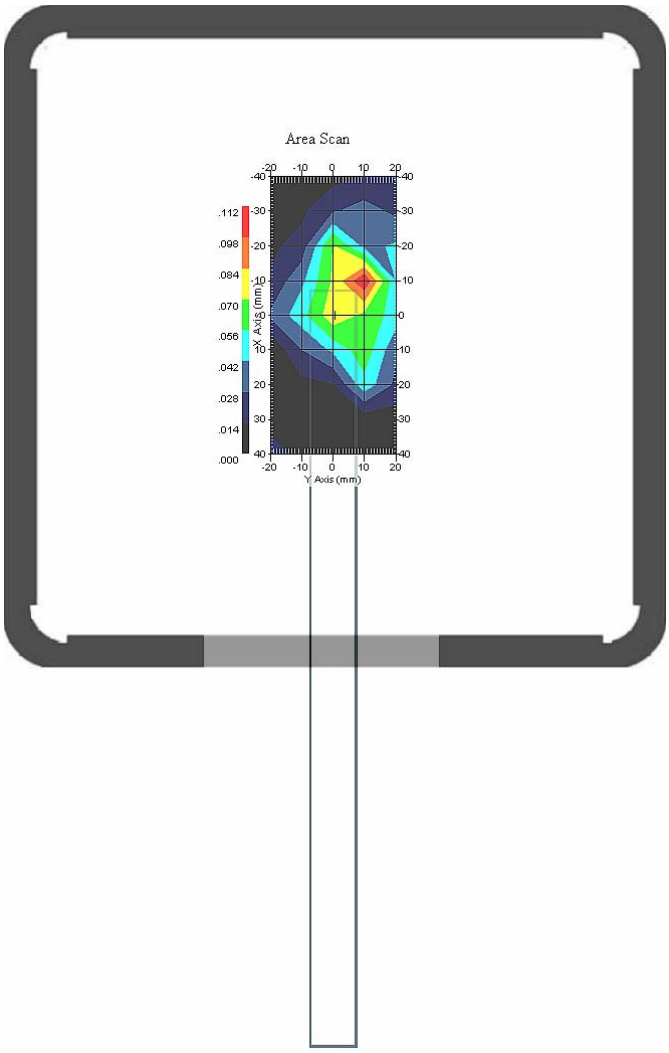
Tissue Data
Type : BODY
Serial No. : 1900_Body
Frequency : 1900.00 MHz
Last Calib. Date : 21-Nov-2007
Temperature : 22.00 °C
Ambient Temp. : 22.10 °C
Humidity : 51.00 RH%
Epsilon : 51.21 F/m
Sigma : 1.49 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 09-Jul-2007
Frequency : 1900.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.9
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

2.1 1900 MHz, EUT Position: Around-Top

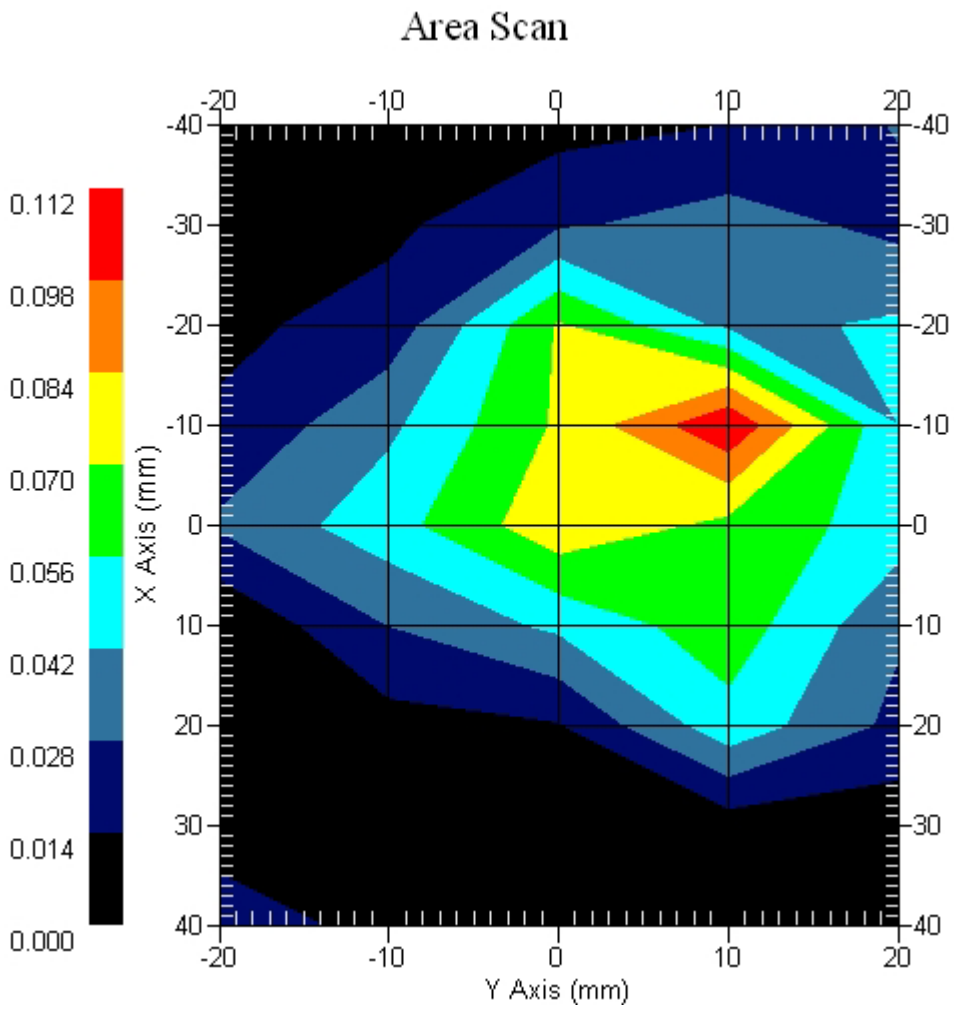
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Low

Power Drift-Start : 0.100 W/kg
Power Drift-Finish: 0.96 W/kg
Power Drift (%)   : -4.082
```




```
1 gram SAR value   : 0.100 W/kg
10 gram SAR value  : 0.045 W/kg
Area Scan Peak SAR : 0.110 W/kg
Zoom Scan Peak SAR : 0.230 W/kg
```

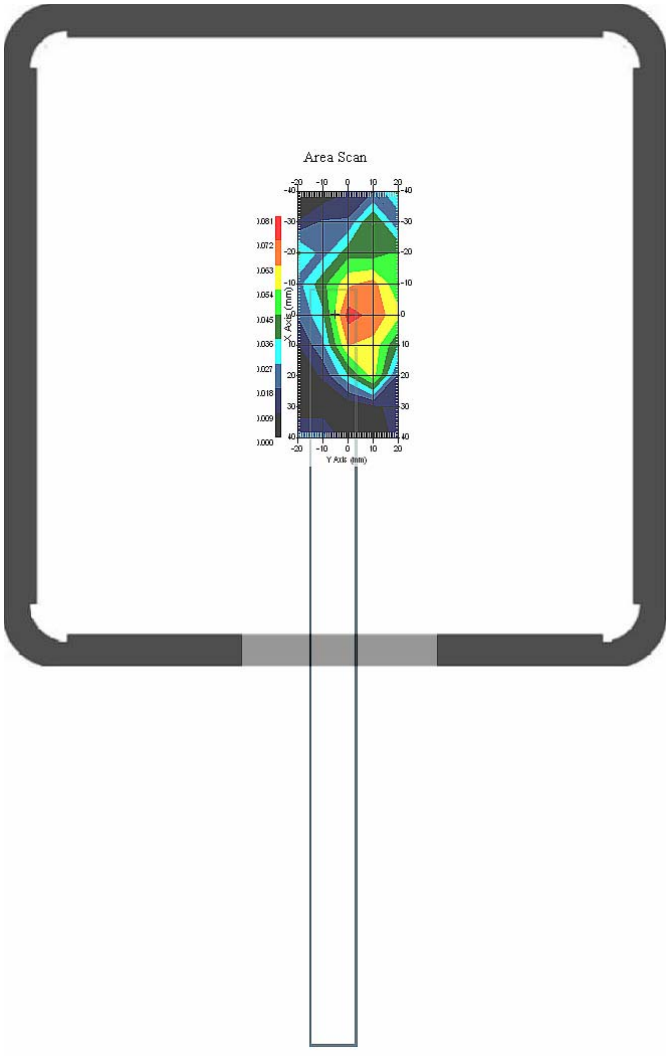
Area Scan Plot



2.2 1900 MHz, EUT Position: Around-Top

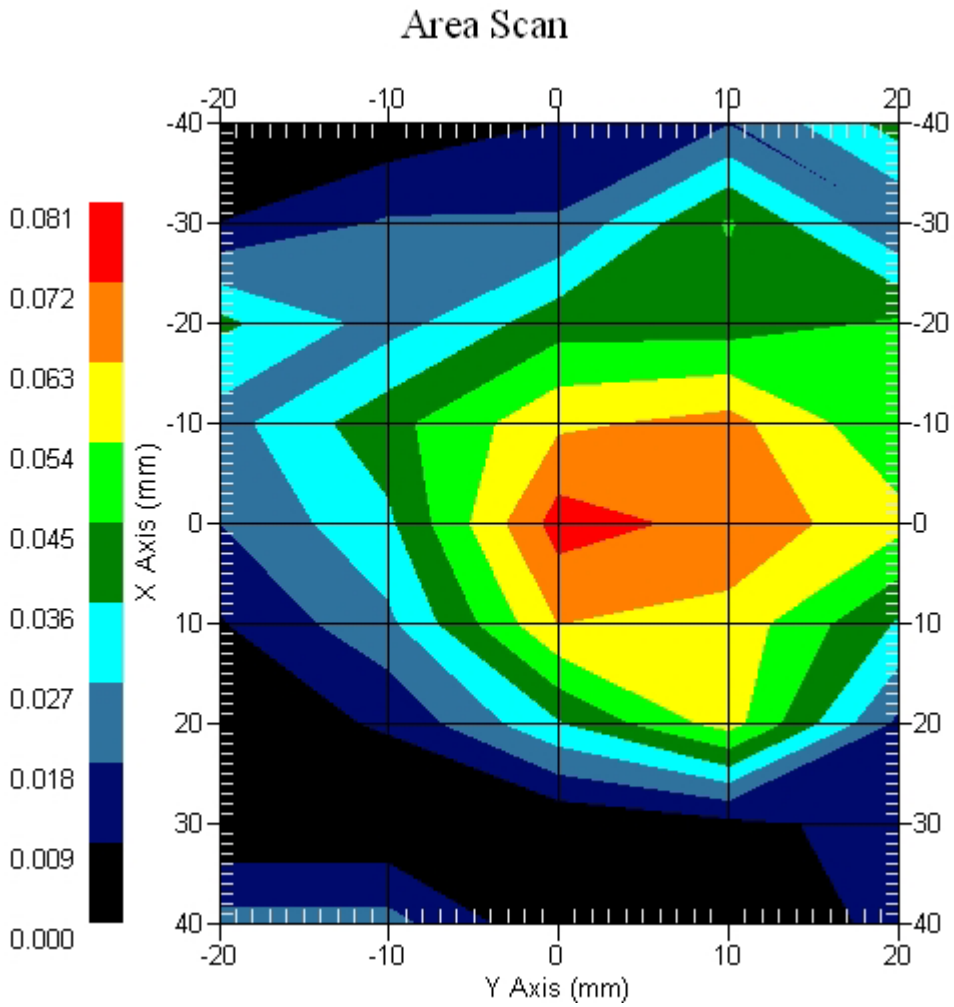
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.099 W/kg
Power Drift-Finish: 0.104 W/kg
Power Drift (%)   : 4.807
```




```
1 gram SAR value    : 0.065 W/kg
10 gram SAR value   : 0.035 W/kg
Area Scan Peak SAR  : 0.076 W/kg
Zoom Scan Peak SAR  : 0.090 W/kg
```

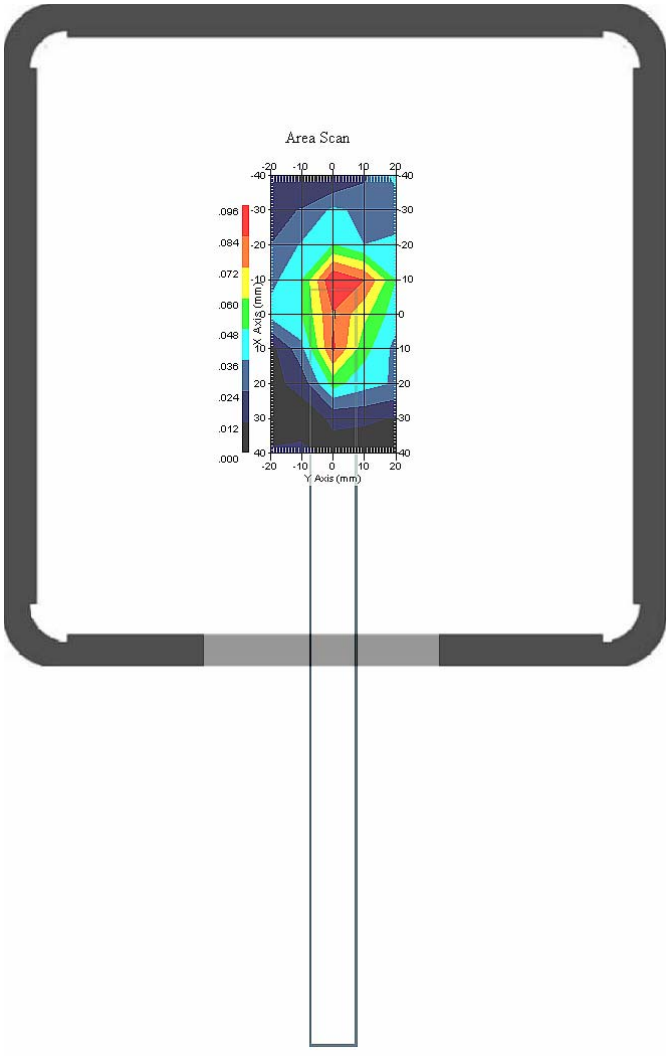
Area Scan Plot



2.3 1900 MHz, EUT Position: Around-Top

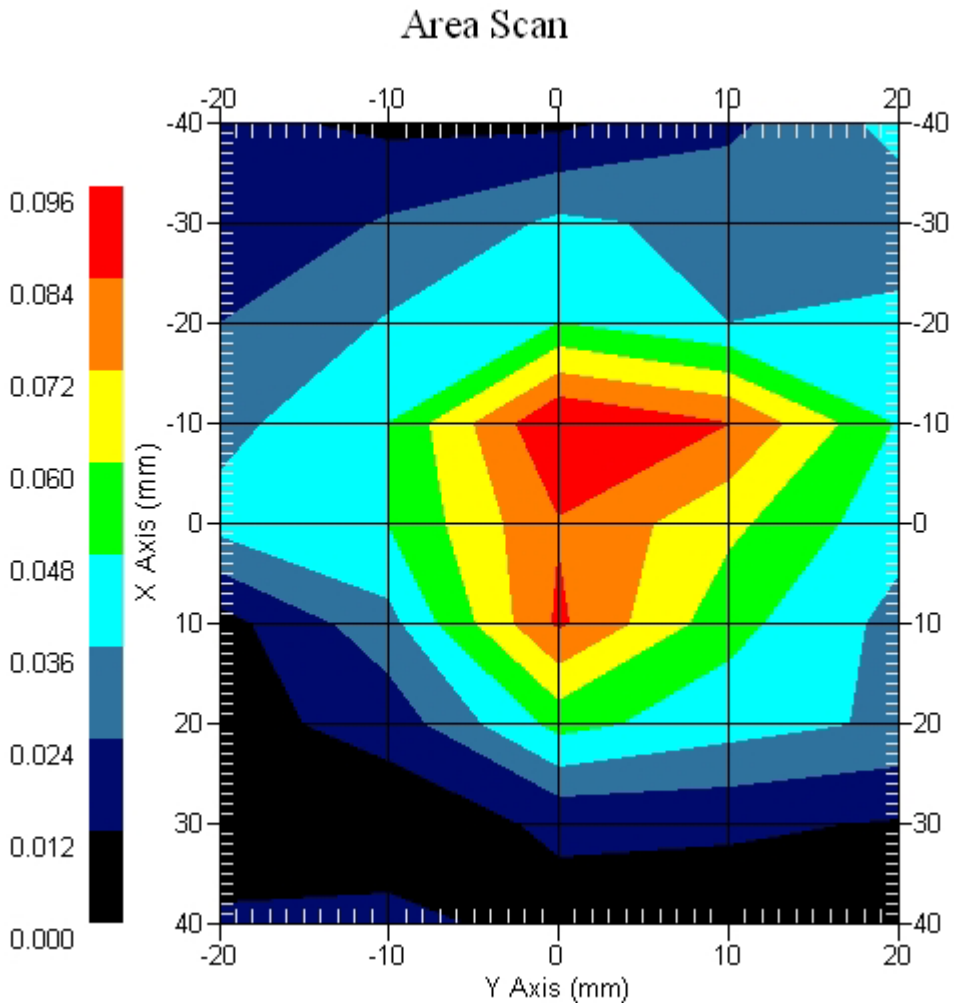
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : High

Power Drift-Start : 0.116 W/kg
Power Drift-Finish: 0.112 W/kg
Power Drift (%)   : -3.448
```




```
1 gram SAR value   : 0.059 W/kg
10 gram SAR value  : 0.039 W/kg
Area Scan Peak SAR : 0.096 W/kg
Zoom Scan Peak SAR : 0.170 W/kg
```

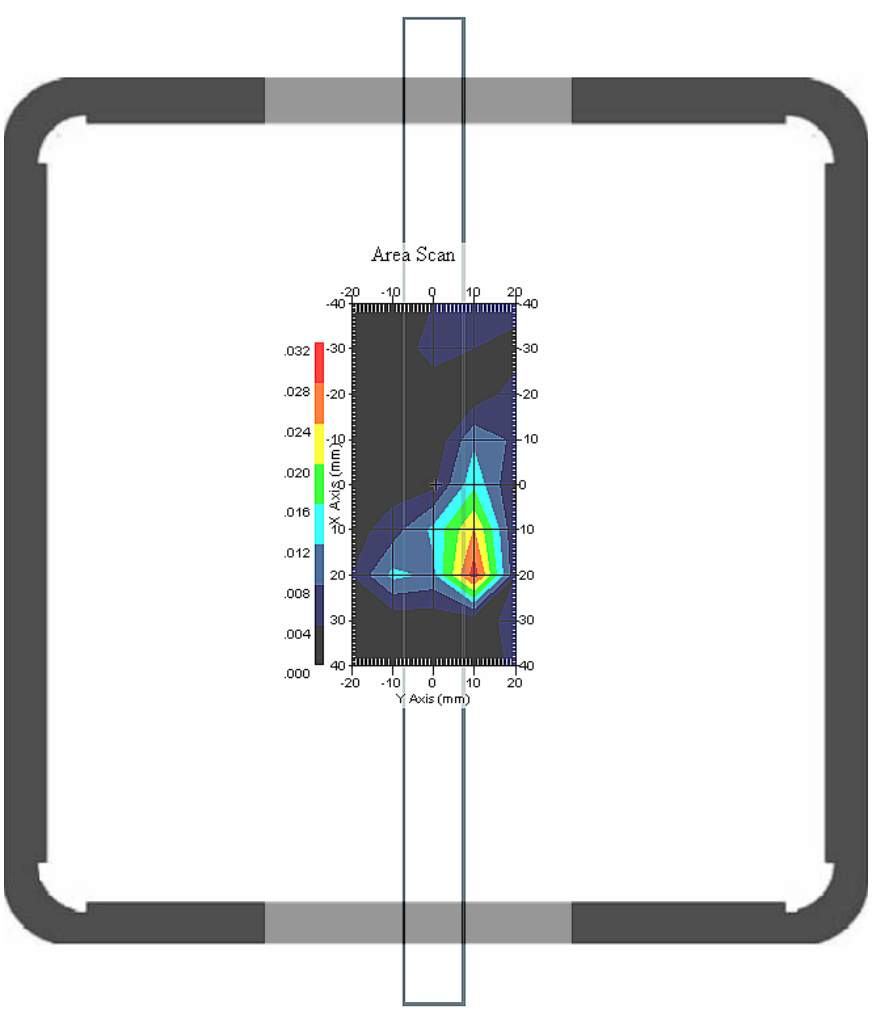
Area Scan Plot



2.4 1900 MHz, EUT Position: Around-Left

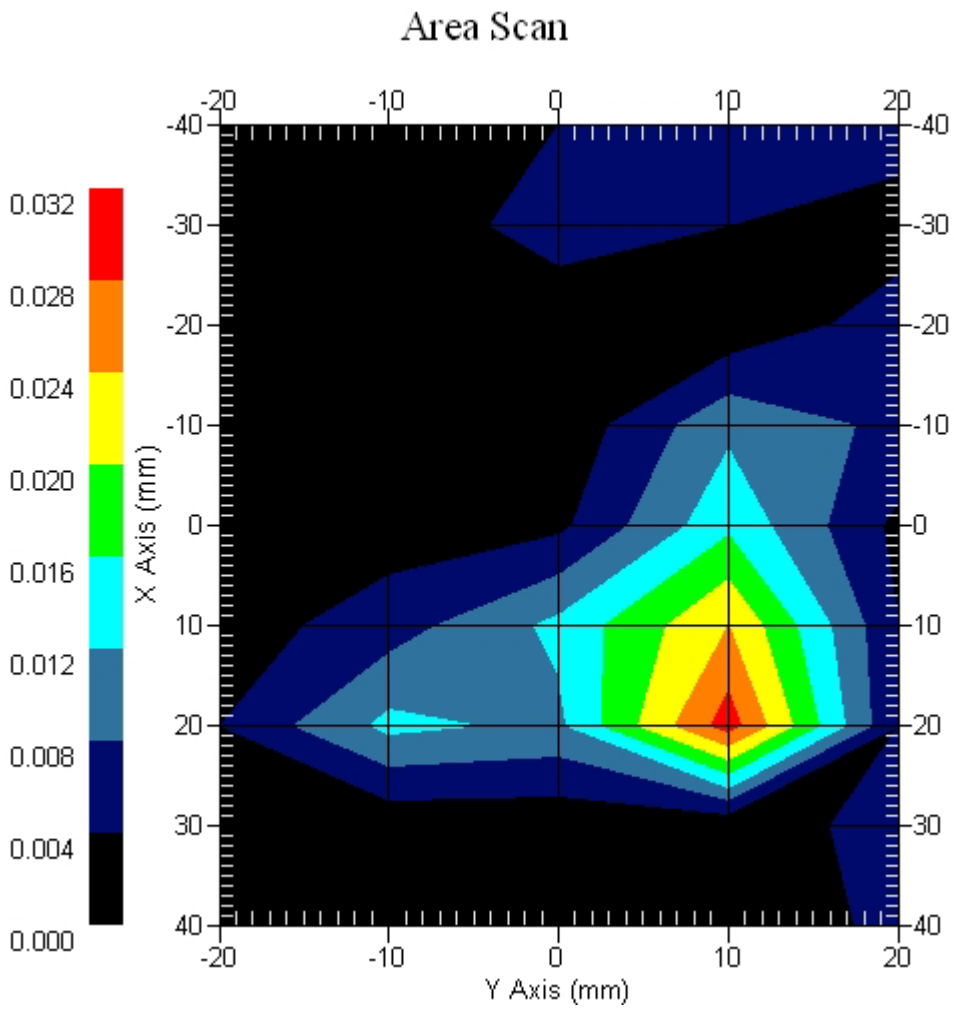
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.016 W/kg
Power Drift-Finish: 0.016 W/kg
Power Drift (%)   : 0.042
```




```
1 gram SAR value   : 0.009 W/kg
10 gram SAR value  : 0.026 W/kg
Area Scan Peak SAR : 0.030 W/kg
Zoom Scan Peak SAR : 0.090 W/kg
```

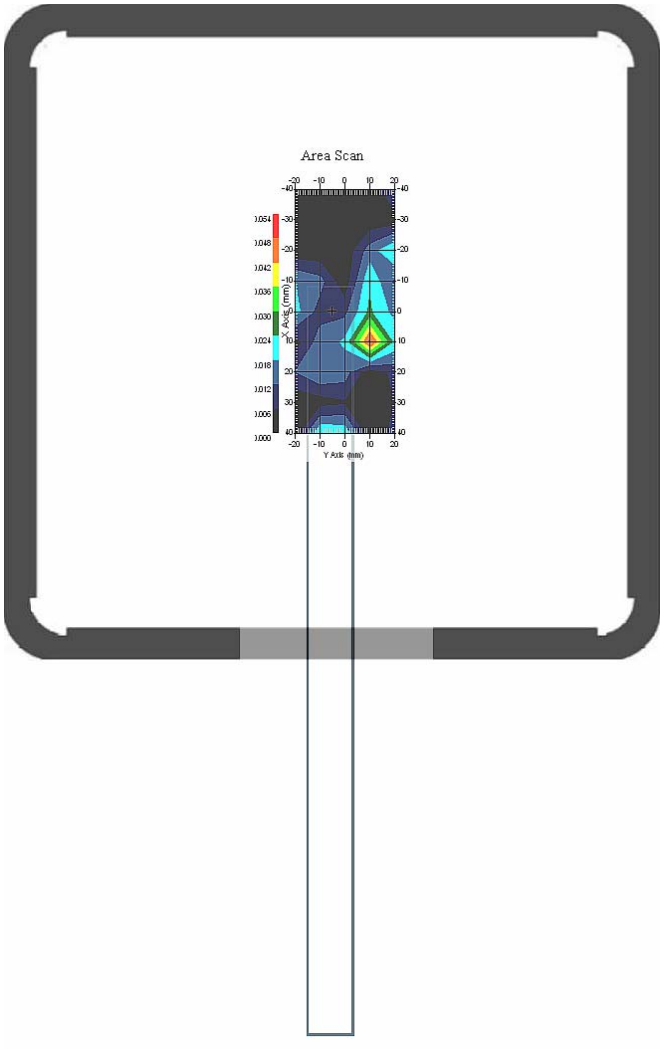
Area Scan Plot



2.5 1900 MHz, EUT Position: Around-Under

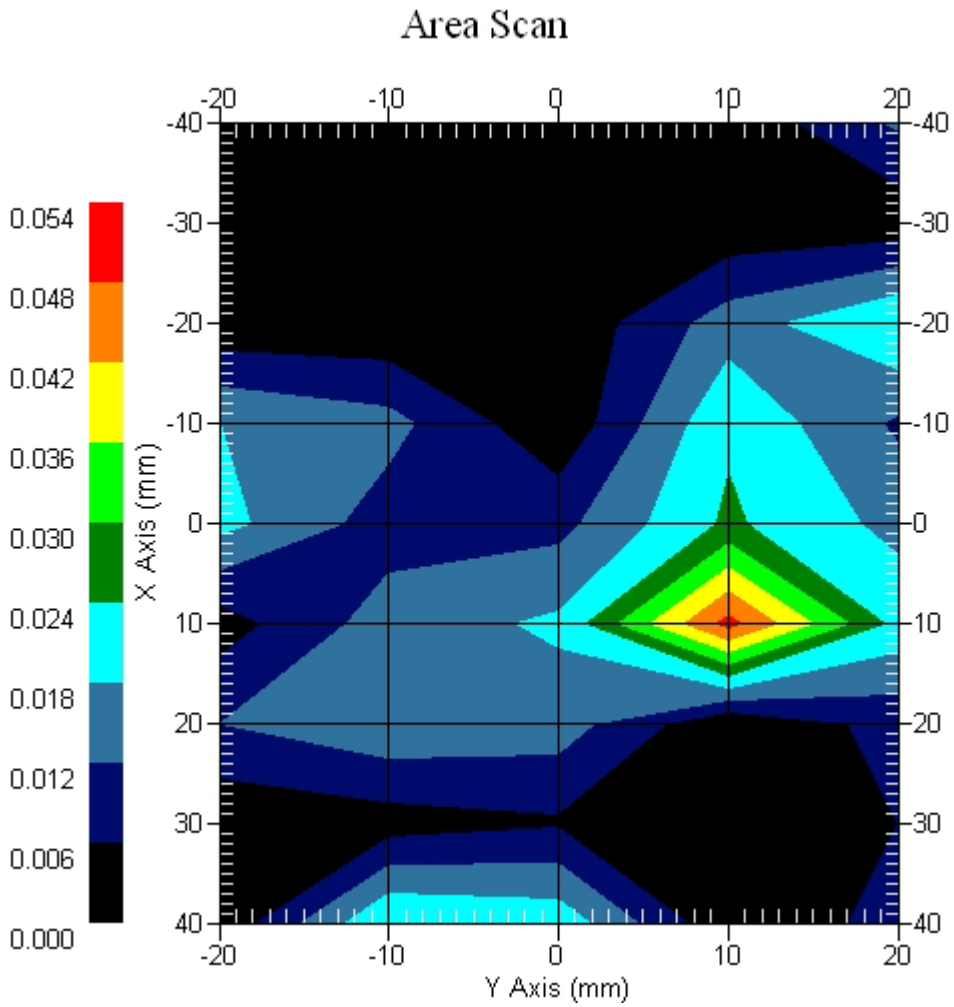
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.053 W/kg
Power Drift-Finish: 0.051 W/kg
Power Drift (%)   : -3.724
```




```
1 gram SAR value    : 0.027 W/kg
10 gram SAR value   : 0.014 W/kg
Area Scan Peak SAR  : 0.050 W/kg
Zoom Scan Peak SAR  : 0.070 W/kg
```

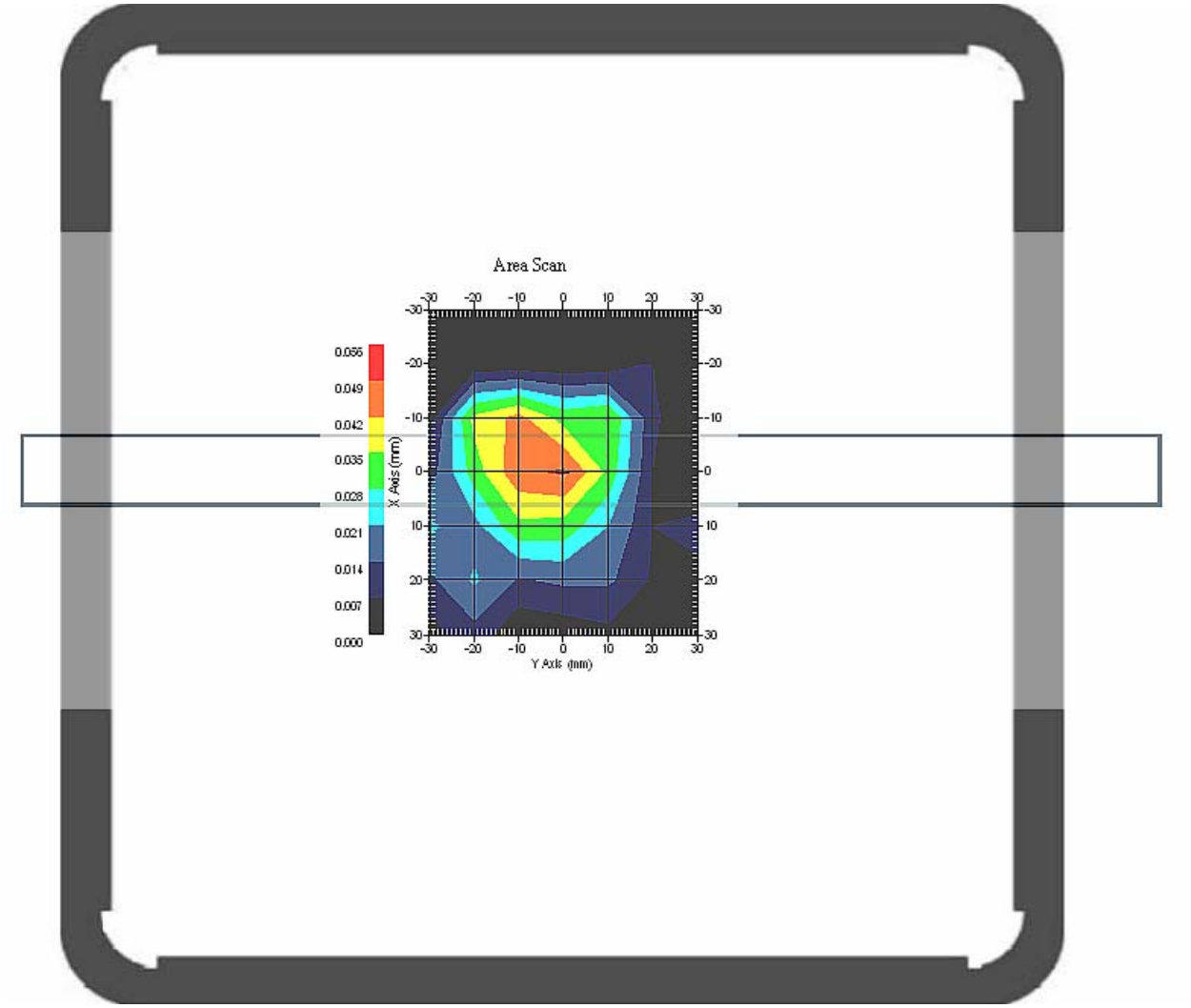
Area Scan Plot



2.6 1900 MHz, EUT Position: Bottom-Right

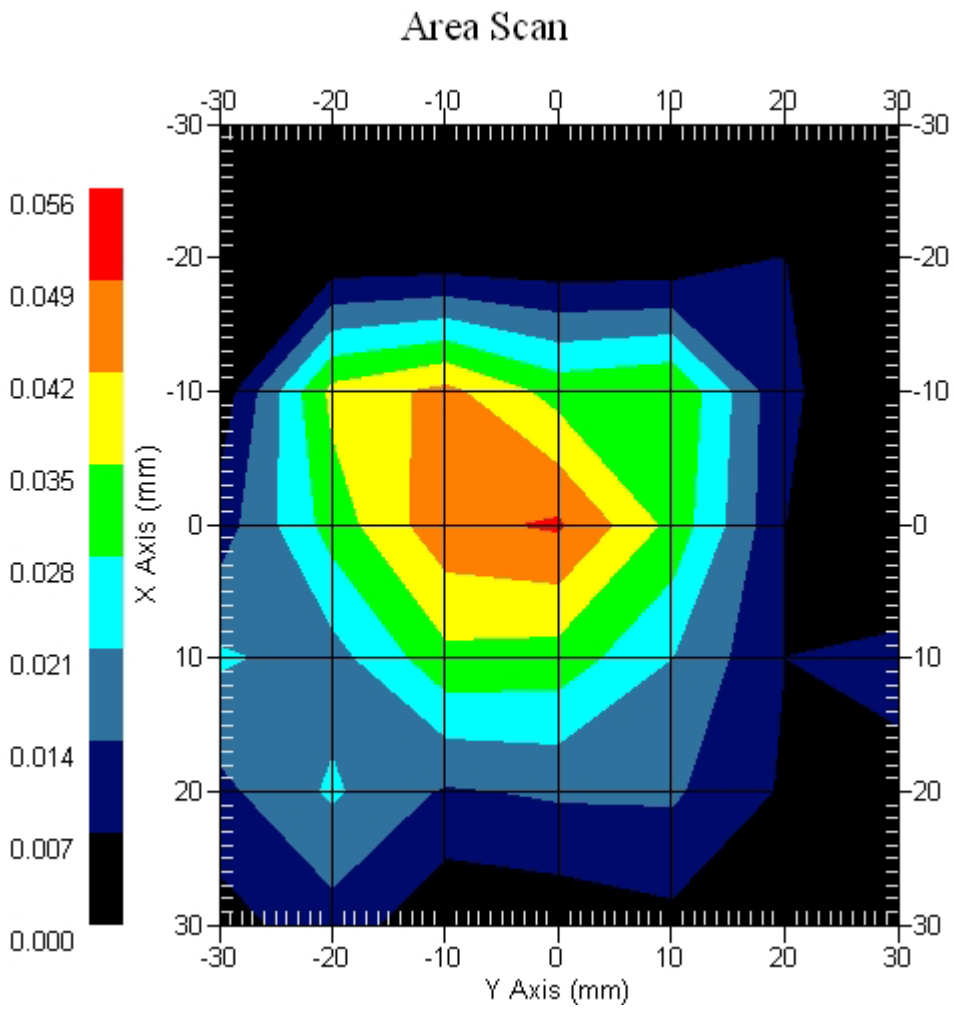
```
Measurement Data
Crest Factor      : 4
Set-up Date       : 21-Nov-2007
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.009 W/kg
Power Drift-Finish: 0.009 W/kg
Power Drift (%)   : 0.010
```



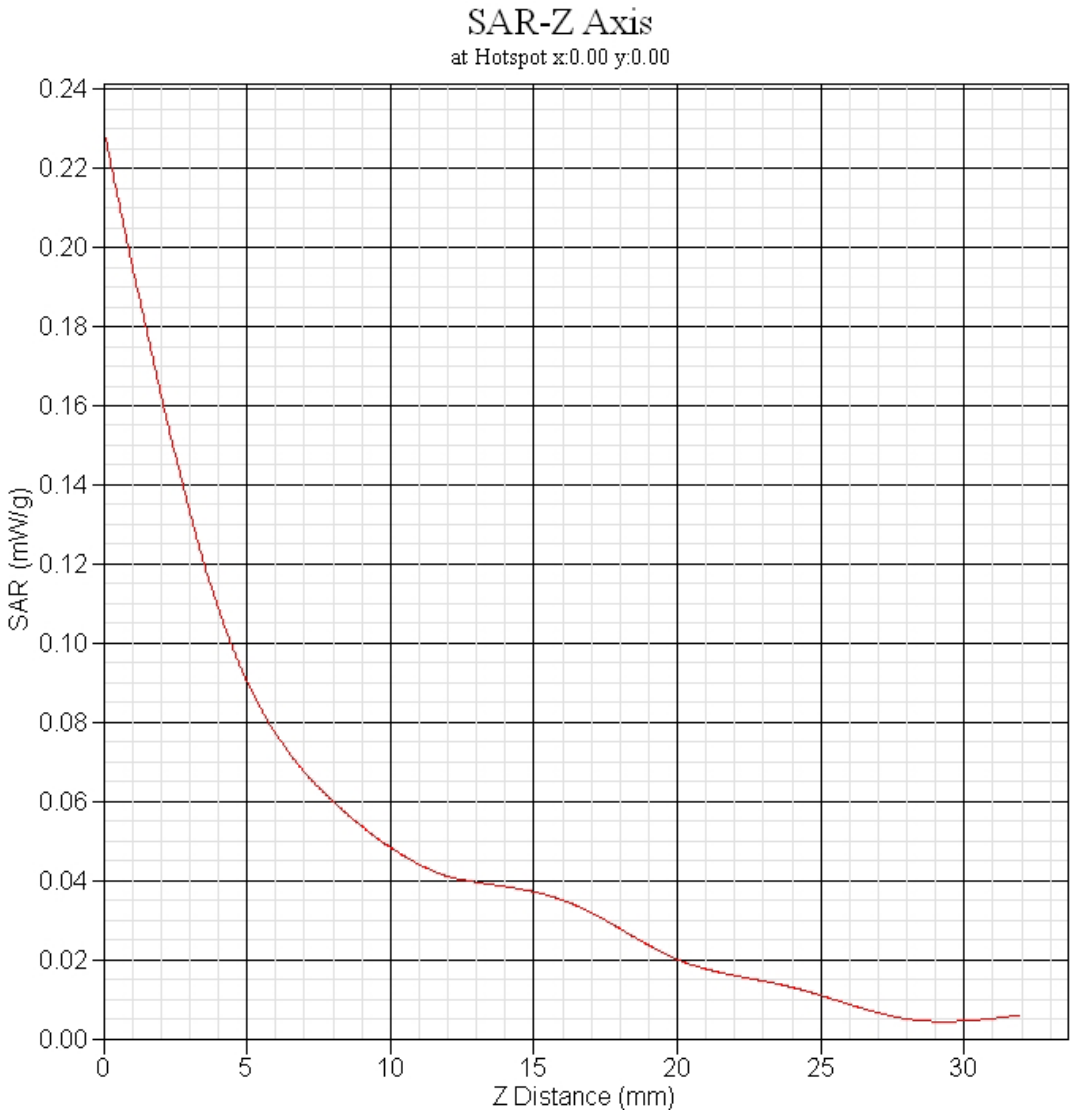

```
1 gram SAR value    : 0.053 W/kg
10 gram SAR value   : 0.023 W/kg
Area Scan Peak SAR  : 0.050 W/kg
Zoom Scan Peak SAR  : 0.150 W/kg
```

Area Scan Plot



2.7 1900 MHz Z-Axis plot

Frequency: GSM 1900 MHz, EUT Around-Top



3 850 MHz SAR measurement Data

SAR Test Report

Report Date : 20-Nov-2007
Measurement Date : 20-Nov-2007

Product Data
Device Name : v100
Serial No. : Around-Top
Type : Other
Frequency : 835.00 MHz
Max. Transmit Pwr : 1.513 W
Drift Time : 0 min(s)
Length : 290 mm
Width : 20 mm
Depth : 5 mm
Antenna Type : Internal

Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center

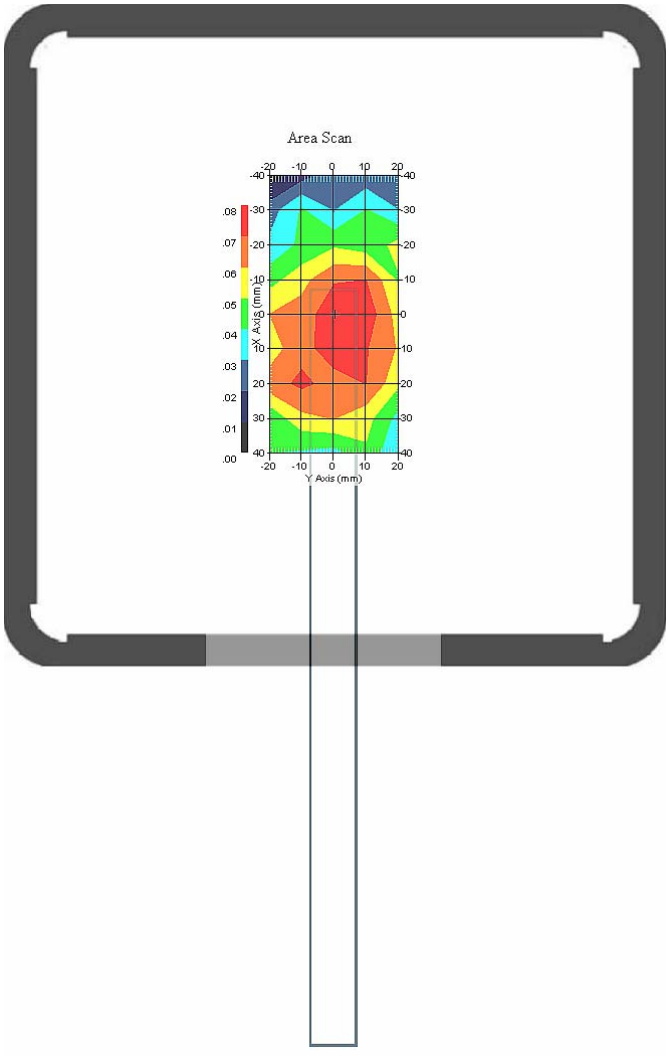
Tissue Data
Type : BODY
Serial No. : 835_Body
Frequency : 835.00 MHz
Last Calib. Date : 20-Nov-2007
Temperature : 22.20 °C
Ambient Temp. : 22.50 °C
Humidity : 50.00 RH%
Epsilon : 54.23 F/m
Sigma : 0.98 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 09-Jul-2007
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

3.1 835 MHz, EUT Position: Around-Top

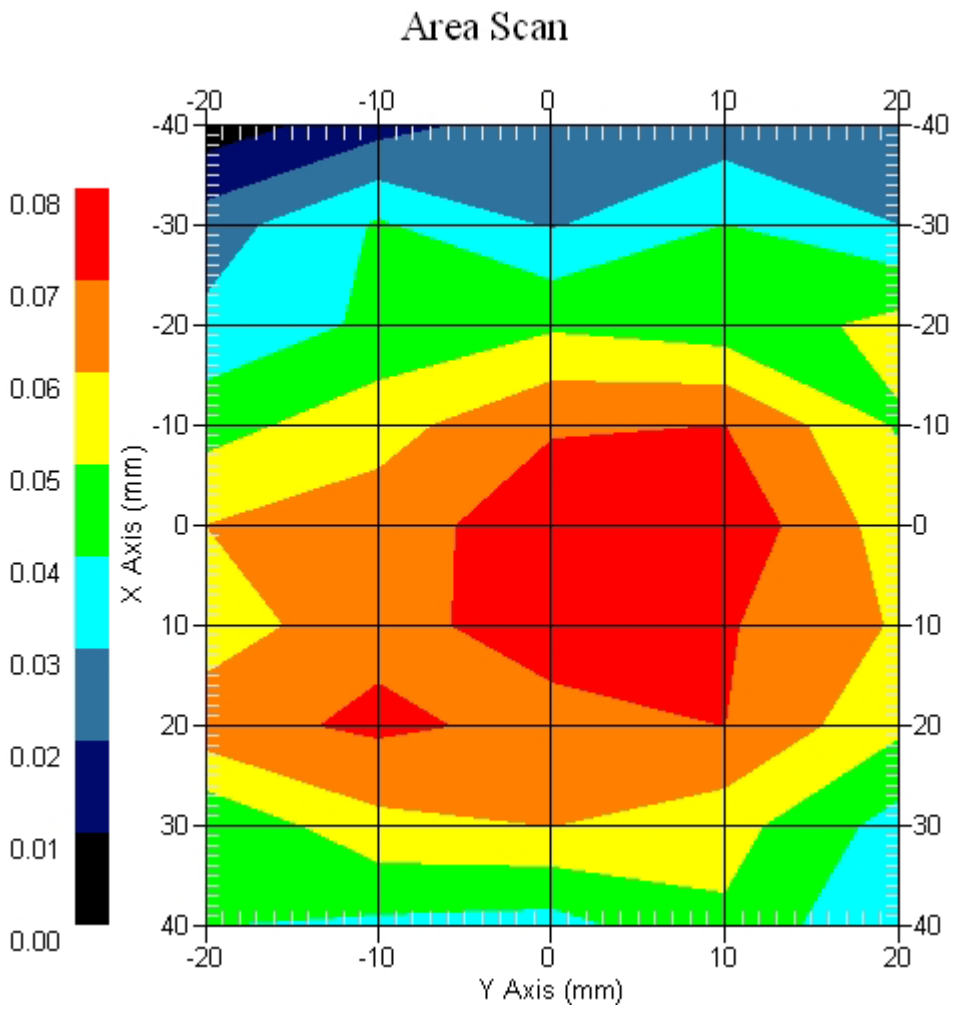
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 20-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Low

Power Drift-Start : 0.087 W/kg
Power Drift-Finish: 0.085 W/kg
Power Drift (%)   : -2.298
```




```
1 gram SAR value    : 0.075 W/kg
10 gram SAR value   : 0.071 W/kg
Area Scan Peak SAR  : 0.078 W/kg
Zoom Scan Peak SAR  : 0.140 W/kg
```

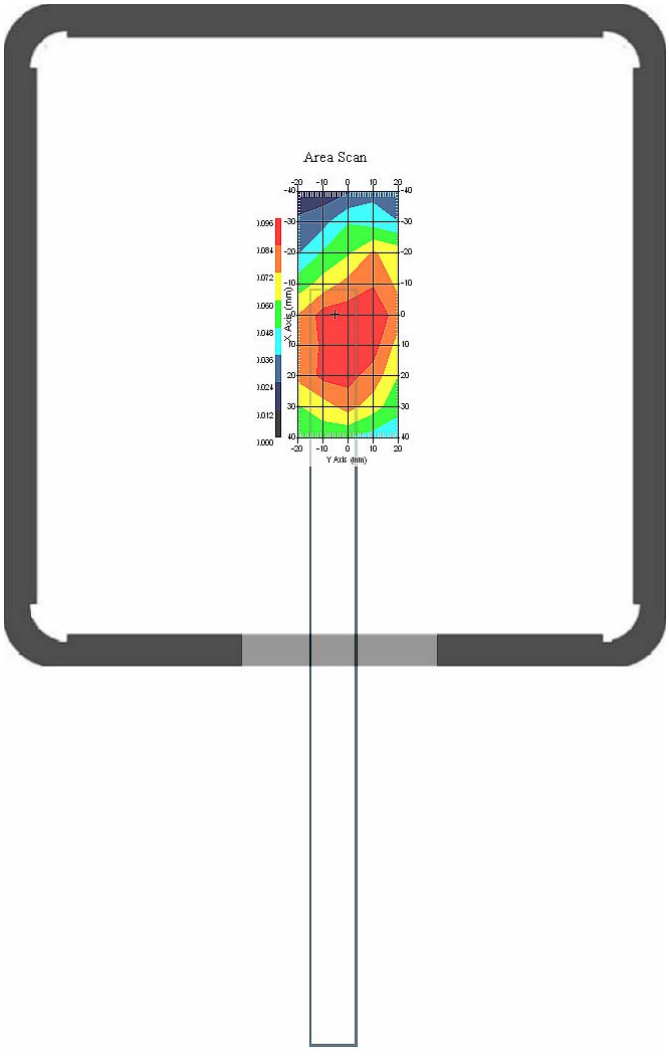
Area Scan Plot



3.2 835 MHz, EUT Position: Around-Top

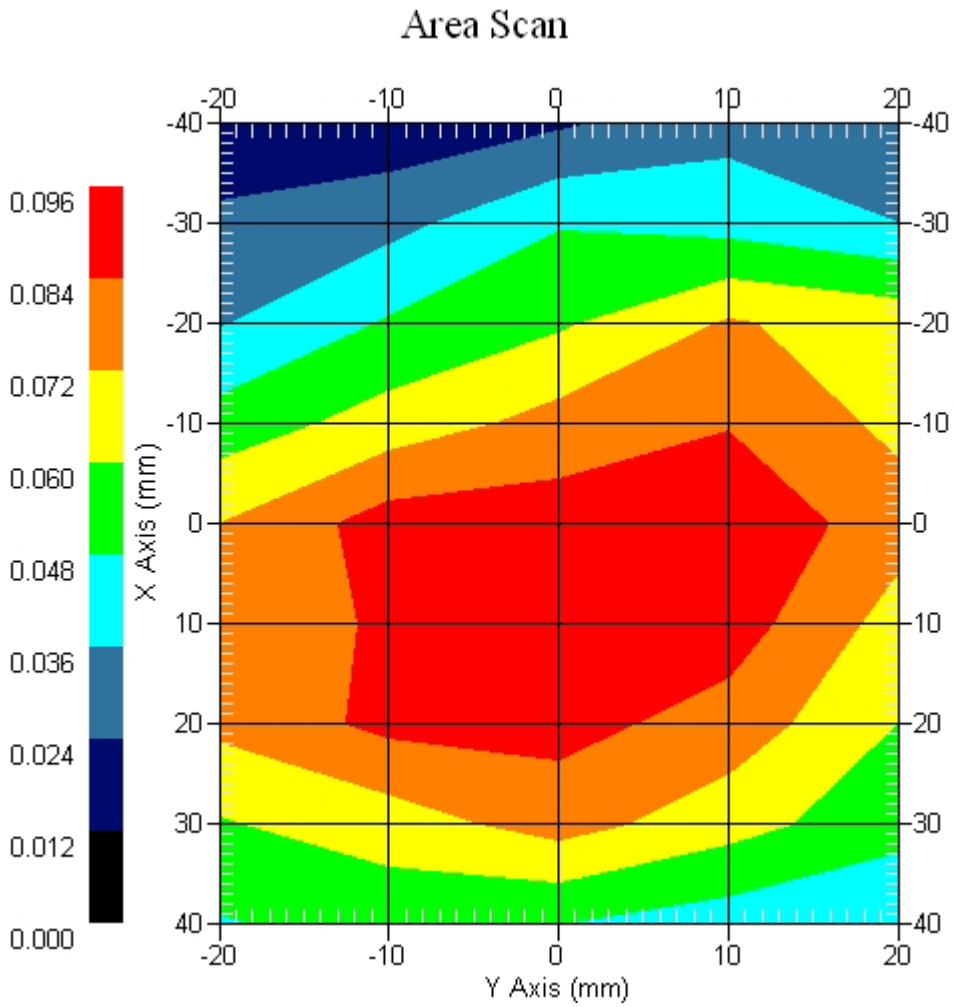
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 20-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.098 W/kg
Power Drift-Finish: 0.102 W/kg
Power Drift (%)   : 4.029
```




```
1 gram SAR value    : 0.107 W/kg
10 gram SAR value   : 0.064 W/kg
Area Scan Peak SAR  : 0.094 W/kg
Zoom Scan Peak SAR  : 0.210 W/kg
```

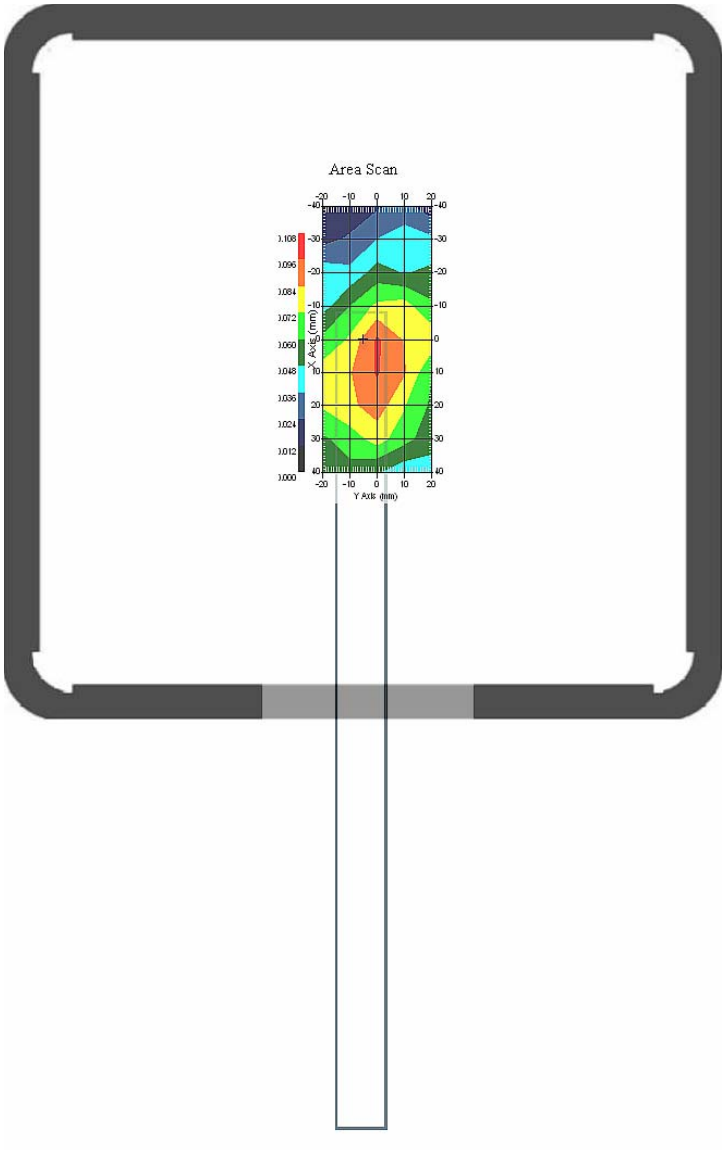
Area Scan Plot



3.3 835 MHz, EUT Position: Around-Top

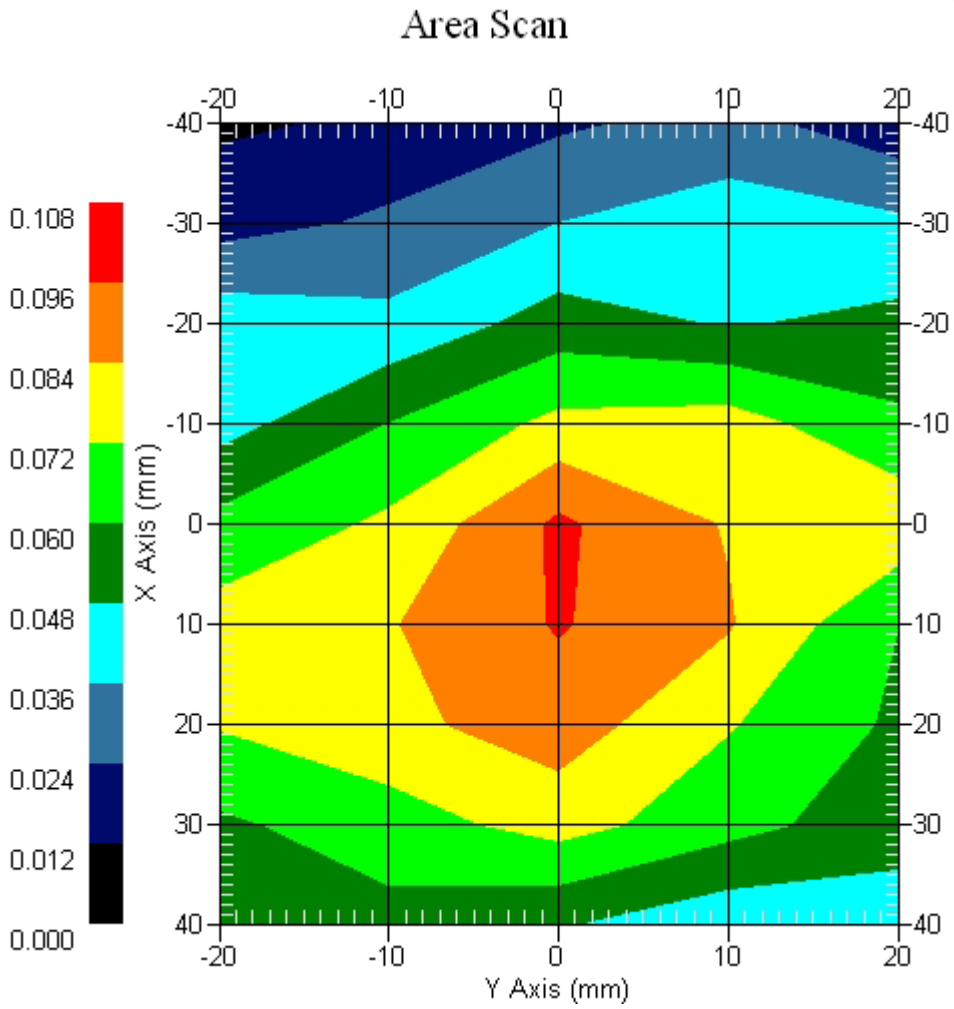
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 20-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : High

Power Drift-Start : 0.093 W/kg
Power Drift-Finish: 0.096 W/kg
Power Drift (%)   : 3.125
```



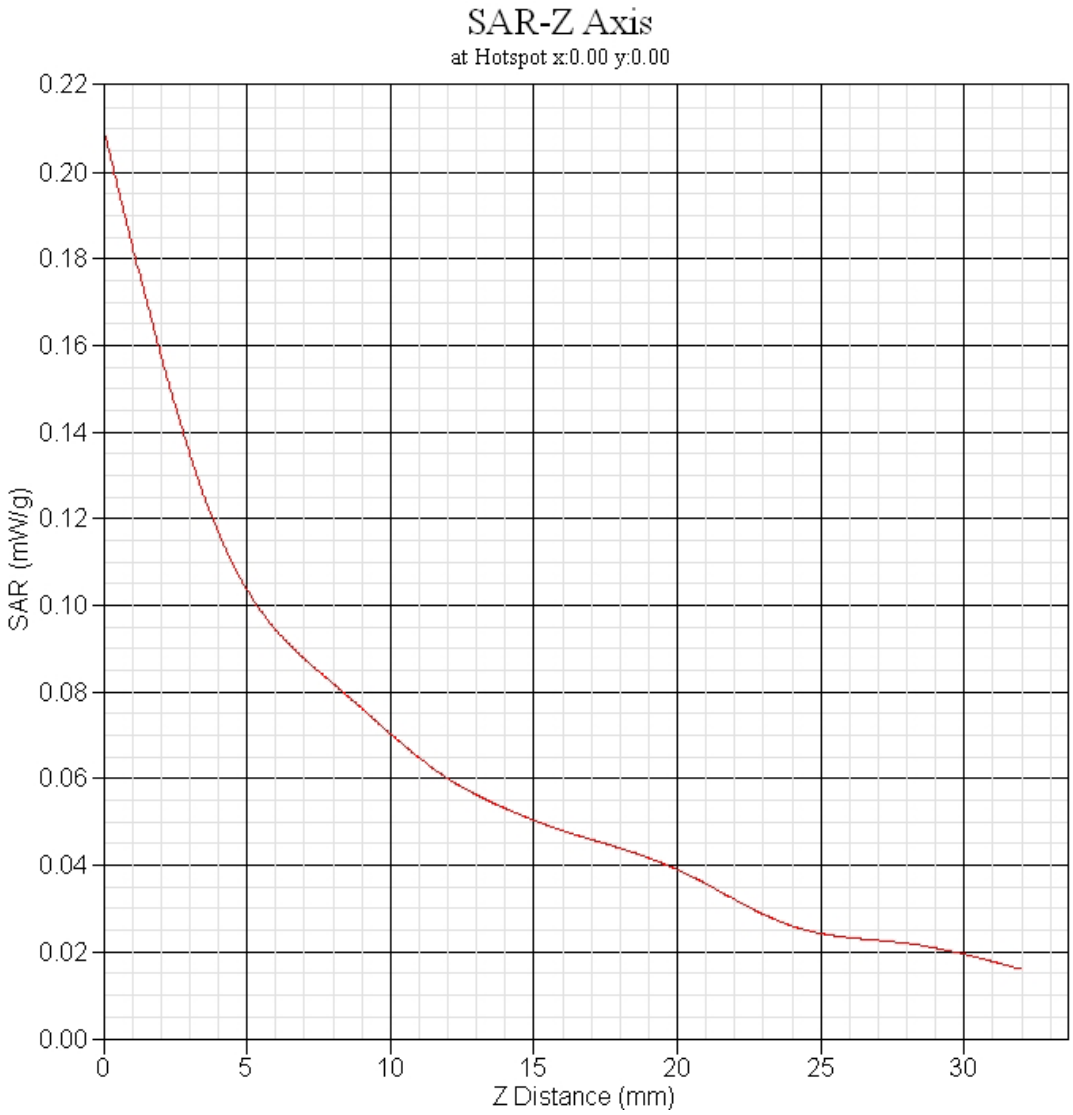

```
1 gram SAR value    : 0.097 W/kg
10 gram SAR value   : 0.061 W/kg
Area Scan Peak SAR  : 0.098 W/kg
Zoom Scan Peak SAR  : 0.170 W/kg
```

Area Scan Plot


Area Scan
0.108
0.096
0.084
0.072
0.060
0.048
0.036
0.024
0.012
0.000
X Axis (mm)
Y Axis (mm)
-20
-10
0
10
20
-40
-30
-20
-10
0
10
20
30
40

3.4 850 MHz Z-Axis plot

Frequency: WCDMA 850 MHz, EUT Around-Top



4 1900MHz SAR measurement Data

SAR Test Report

Report Date : 21-Nov-2007
Measurement Date : 21-Nov-2007

Product Data
Device Name : v100
Serial No. : Around-Top
Type : Other
Frequency : 1900.00 MHz
Max. Transmit Pwr : 1.513 W
Drift Time : 0 min(s)
Length : 290 mm
Width : 20 mm
Depth : 5 mm
Antenna Type : Internal

Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center

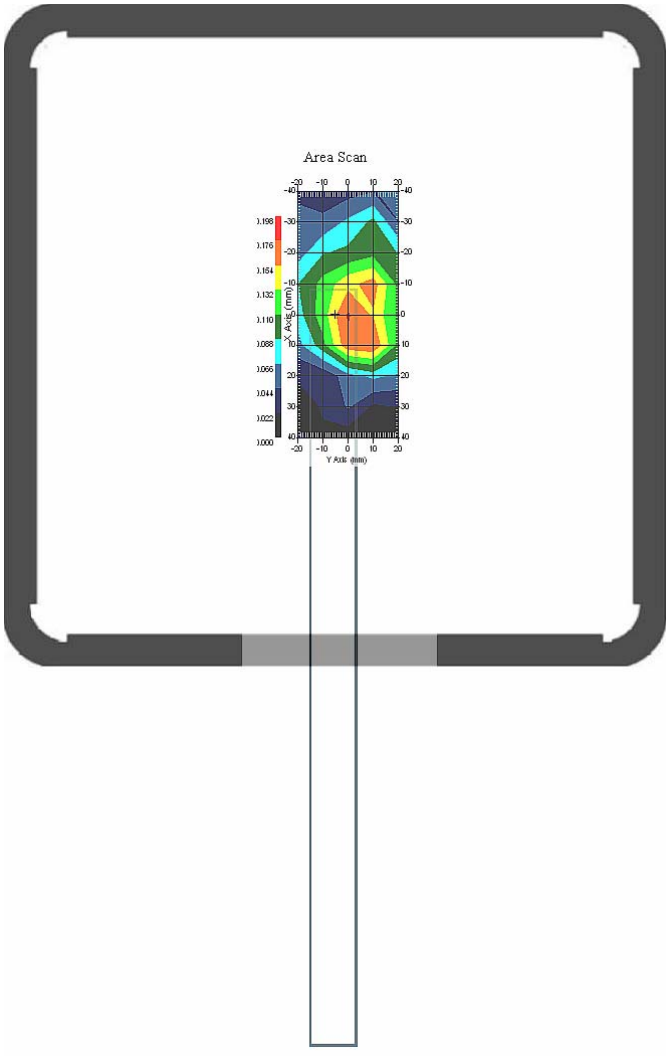
Tissue Data
Type : BODY
Serial No. : 1900_Body
Frequency : 1900.00 MHz
Last Calib. Date : 21-Nov-2007
Temperature : 22.00 °C
Ambient Temp. : 22.10 °C
Humidity : 51.00 RH%
Epsilon : 51.21 F/m
Sigma : 1.49 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 09-Jul-2007
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.9
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

4.1 1900 MHz, EUT Position: Around-Top

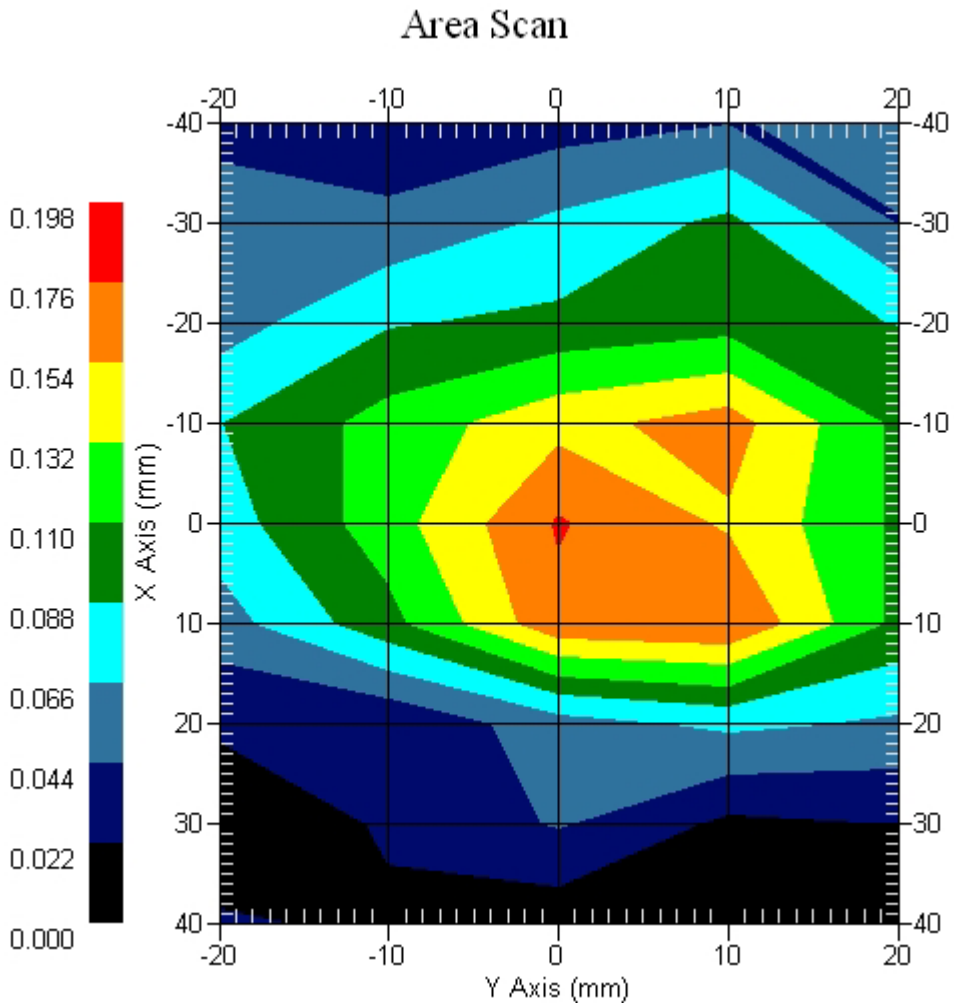
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Low

Power Drift-Start : 0.192 W/kg
Power Drift-Finish: 0.187 W/kg
Power Drift (%)   : -2.457
```




```
1 gram SAR value    : 0.157 W/kg
10 gram SAR value   : 0.074 W/kg
Area Scan Peak SAR  : 0.178 W/kg
Zoom Scan Peak SAR  : 0.199 W/kg
```

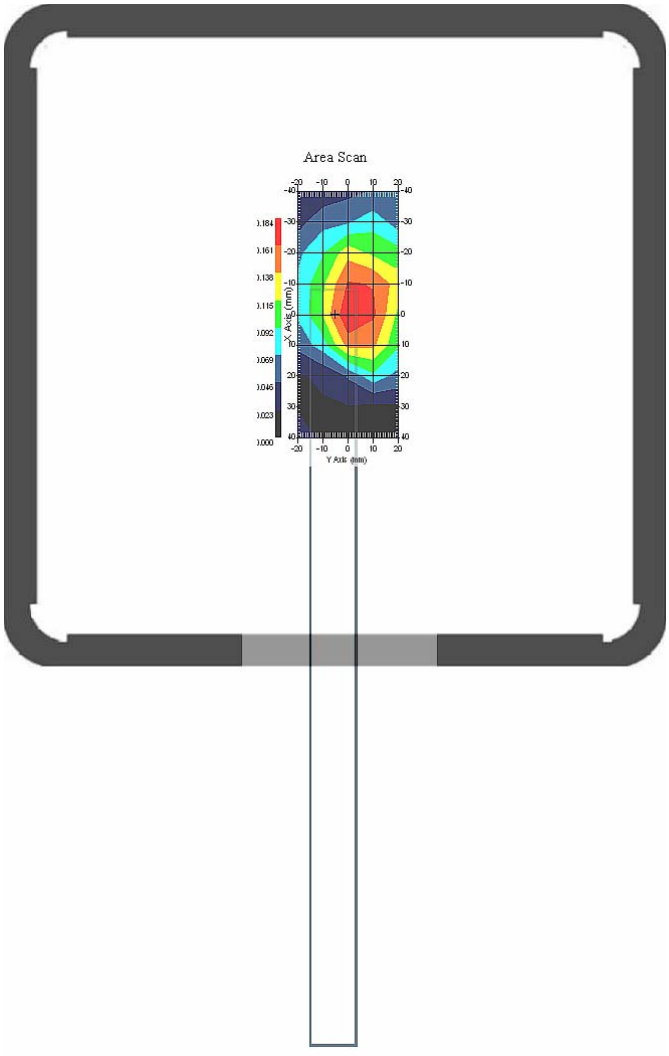
Area Scan Plot



4.2 1900 MHz, EUT Position: Around-Top

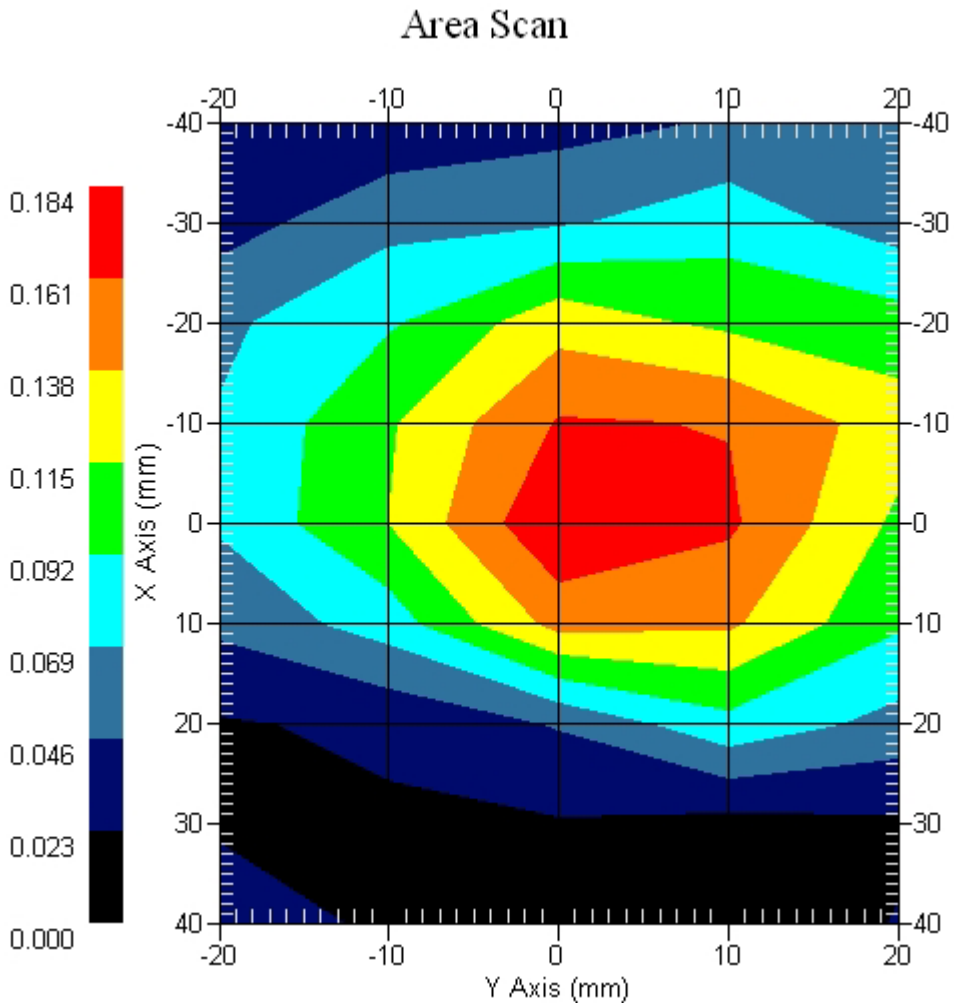
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.196 W/kg
Power Drift-Finish: 0.192 W/kg
Power Drift (%)   : -2.041
```




```
1 gram SAR value    : 0.158 W/kg
10 gram SAR value   : 0.070 W/kg
Area Scan Peak SAR  : 0.183 W/kg
Zoom Scan Peak SAR  : 0.390 W/kg
```

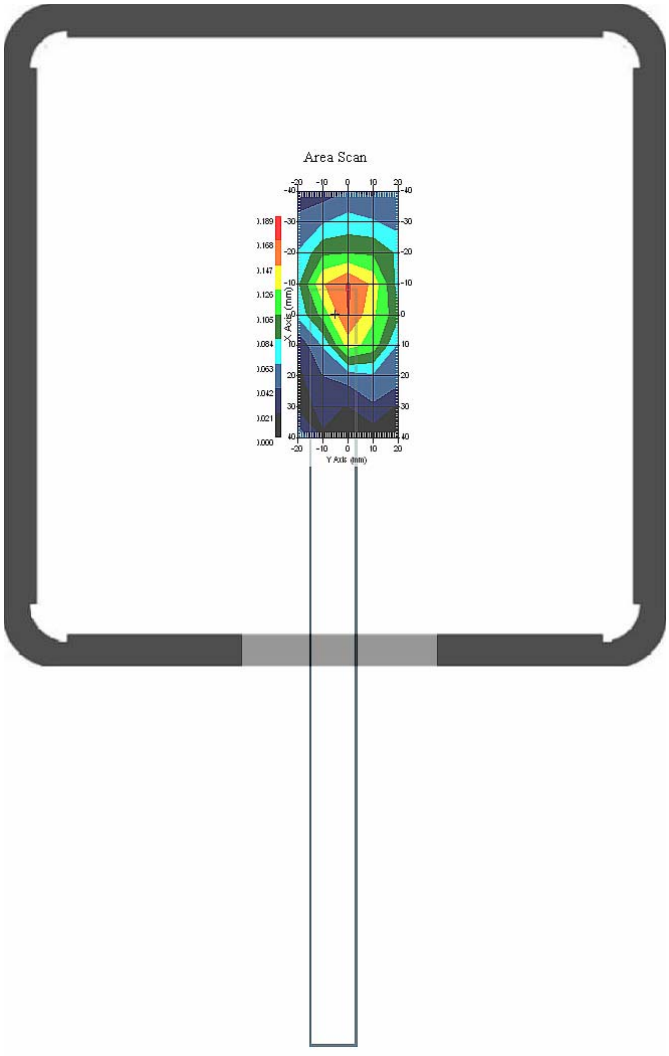
Area Scan Plot



4.3 1900 MHz, EUT Position: Around-Top

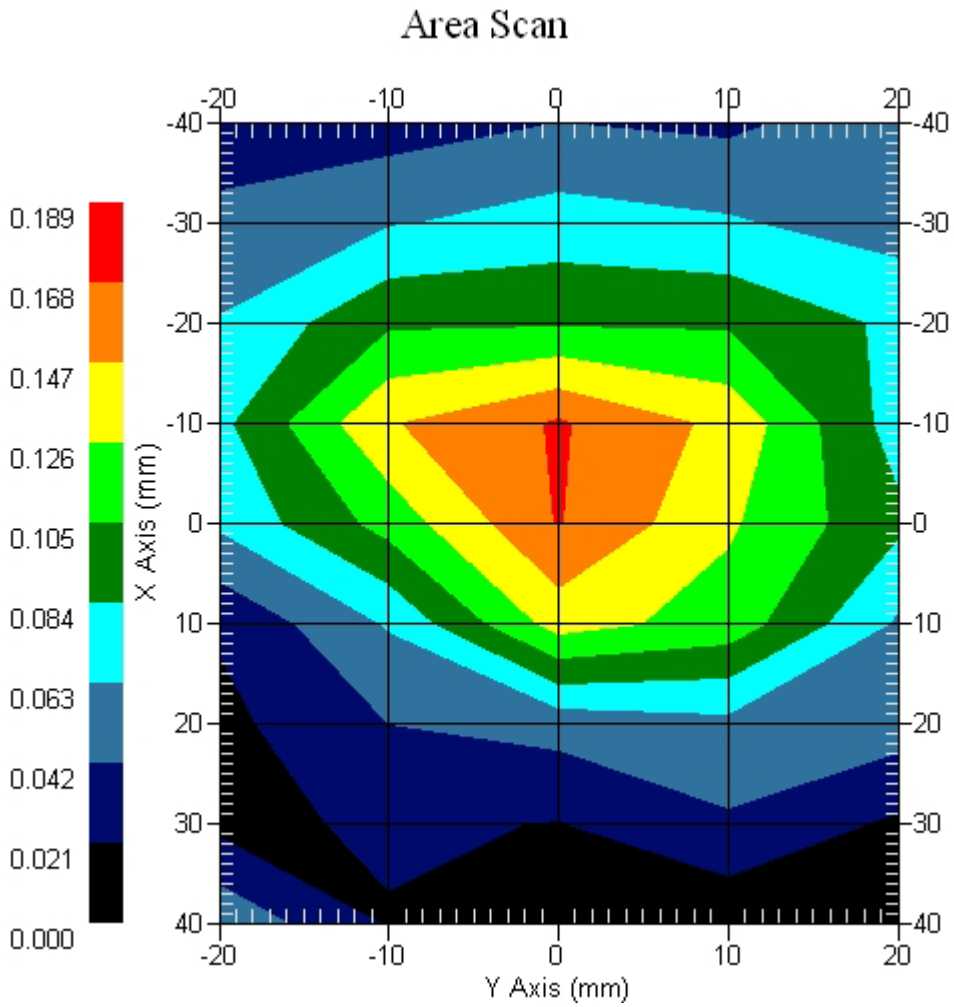
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : High

Power Drift-Start : 0.203 W/kg
Power Drift-Finish: 0.200 W/kg
Power Drift (%)   : -1.477
```



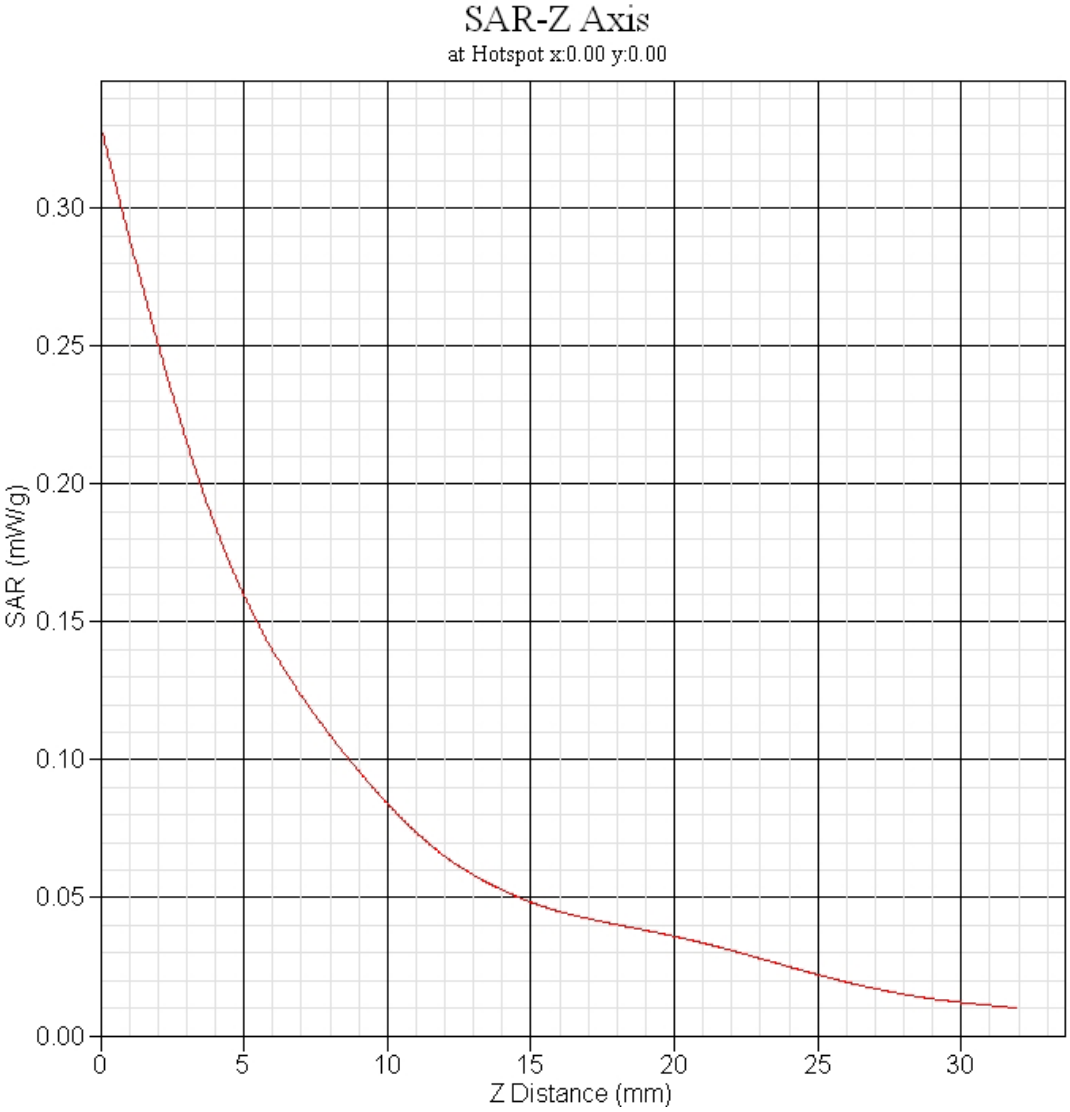

```
1 gram SAR value    : 0.169 W/kg
10 gram SAR value   : 0.082 W/kg
Area Scan Peak SAR  : 0.170 W/kg
Zoom Scan Peak SAR  : 0.330 W/kg
```

Area Scan Plot



4.4 1900 MHz Z-Axis plot

Frequency: WCDMA 1900 MHz, EUT Around-Top



5 850 MHz SAR measurement Data

SAR Test Report

Report Date : 20-Nov-2007
Measurement Date : 20-Nov-2007

Product Data
Device Name : v100
Serial No. : Around-Top
Type : Other
Frequency : 835.00 MHz
Max. Transmit Pwr : 1.513 W
Drift Time : 0 min(s)
Length : 290 mm
Width : 20 mm
Depth : 5 mm
Antenna Type : Internal

Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center

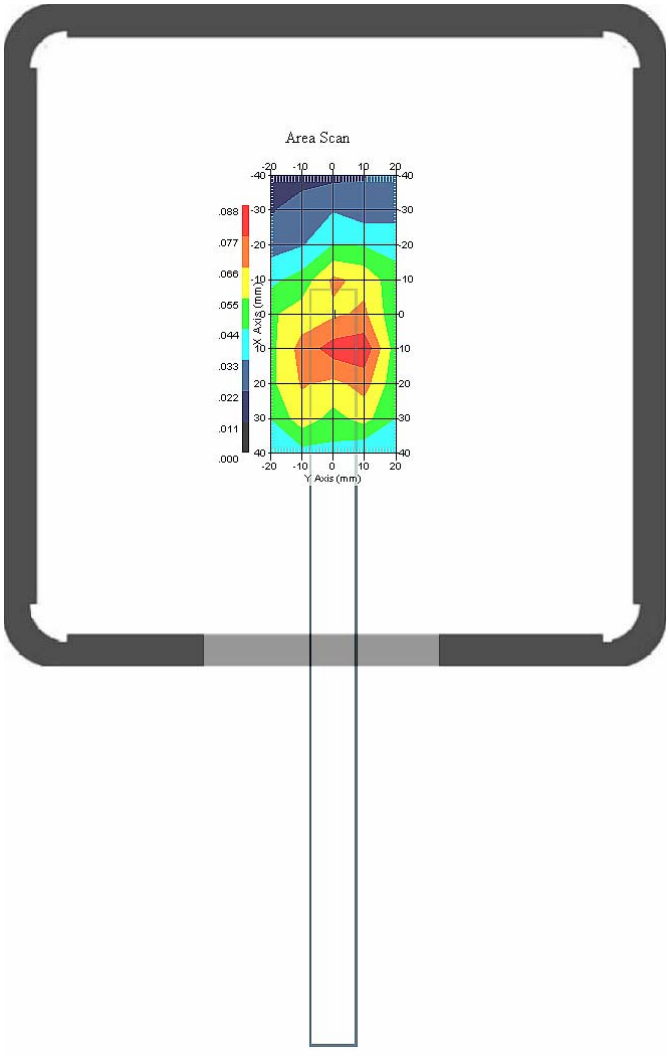
Tissue Data
Type : BODY
Serial No. : 835_Body
Frequency : 835.00 MHz
Last Calib. Date : 20-Nov-2007
Temperature : 22.20 °C
Ambient Temp. : 22.50 °C
Humidity : 50.00 RH%
Epsilon : 54.23 F/m
Sigma : 0.98 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 09-Jul-2007
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

5.1 835 MHz, EUT Position: Around-Top

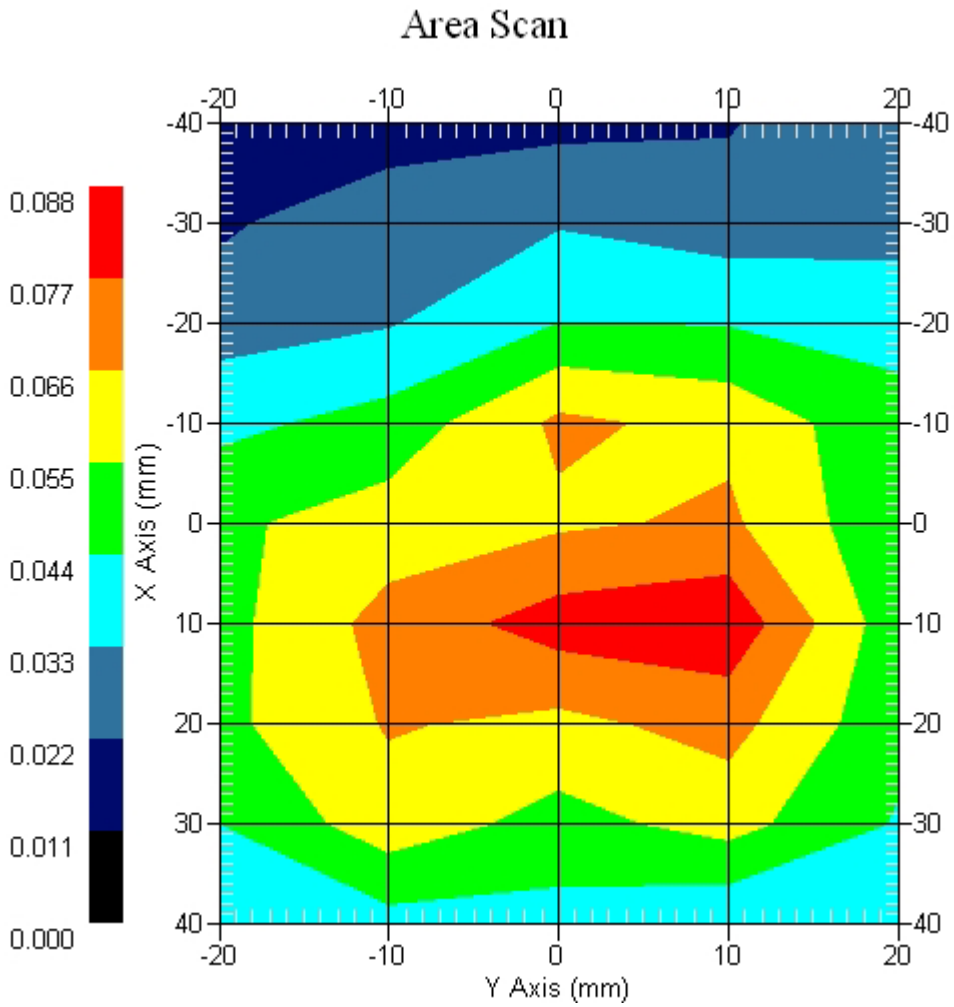
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Low

Power Drift-Start : 0.080 W/kg
Power Drift-Finish: 0.079 W/kg
Power Drift (%)   : -1.300
```




```
1 gram SAR value   : 0.086 W/kg
10 gram SAR value  : 0.052 W/kg
Area Scan Peak SAR : 0.085 W/kg
Zoom Scan Peak SAR : 0.130 W/kg
```

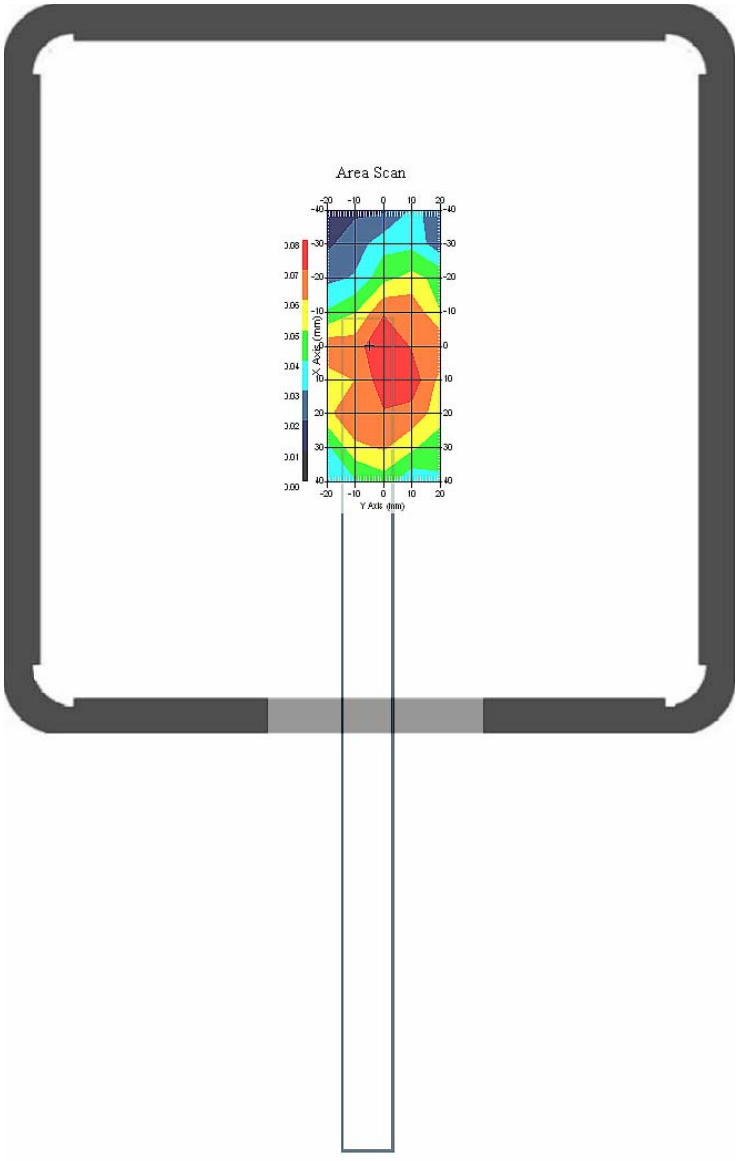
Area Scan Plot



5.2 835 MHz, EUT Position: Around-Top

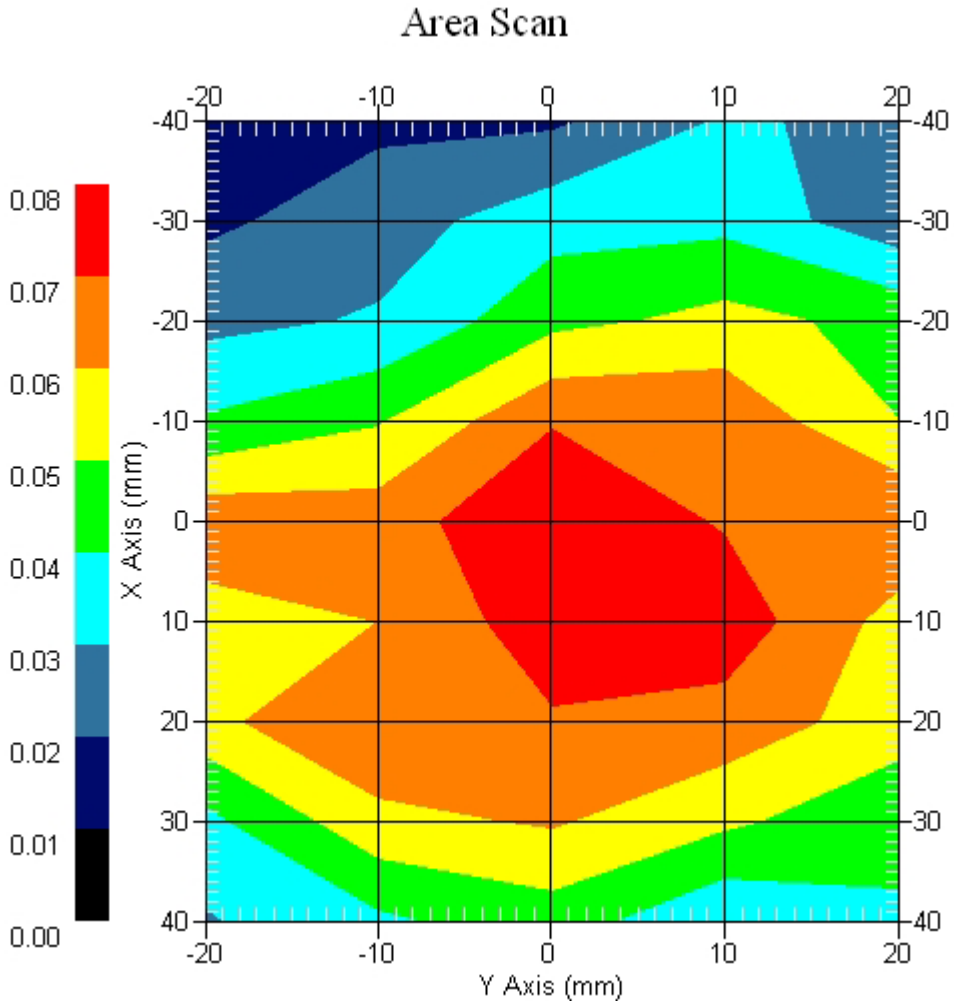
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.106 W/kg
Power Drift-Finish: 0.103 W/kg
Power Drift (%)   : -2.834
```




```
1 gram SAR value   : 0.067 W/kg
10 gram SAR value  : 0.047 W/kg
Area Scan Peak SAR : 0.079 W/kg
Zoom Scan Peak SAR : 0.100 W/kg
```

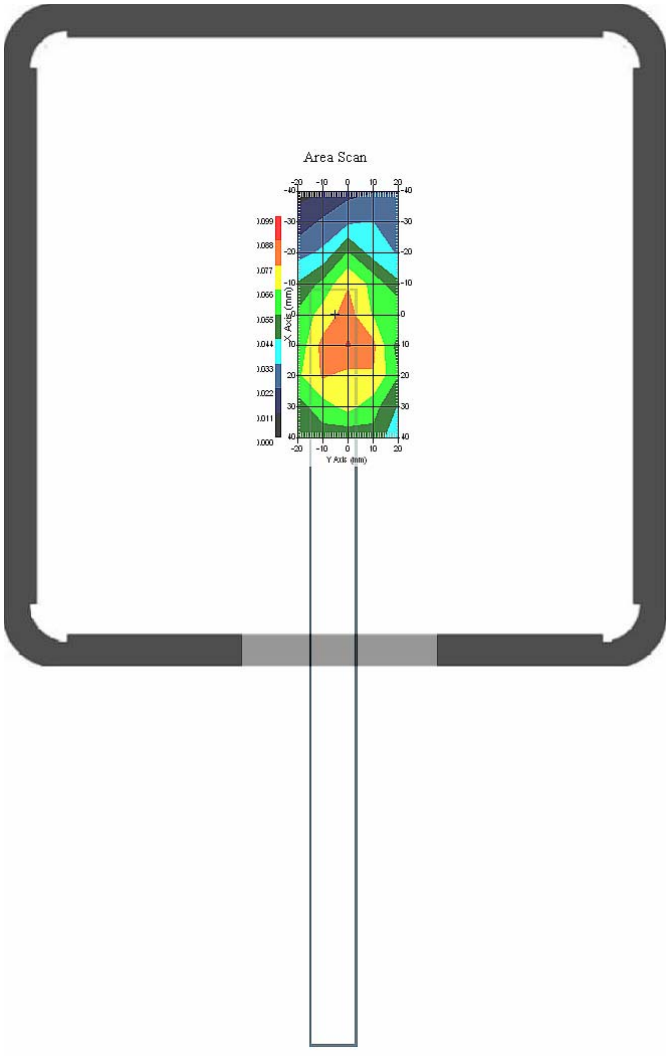
Area Scan Plot



5.3 835 MHz, EUT Position: Around-Top

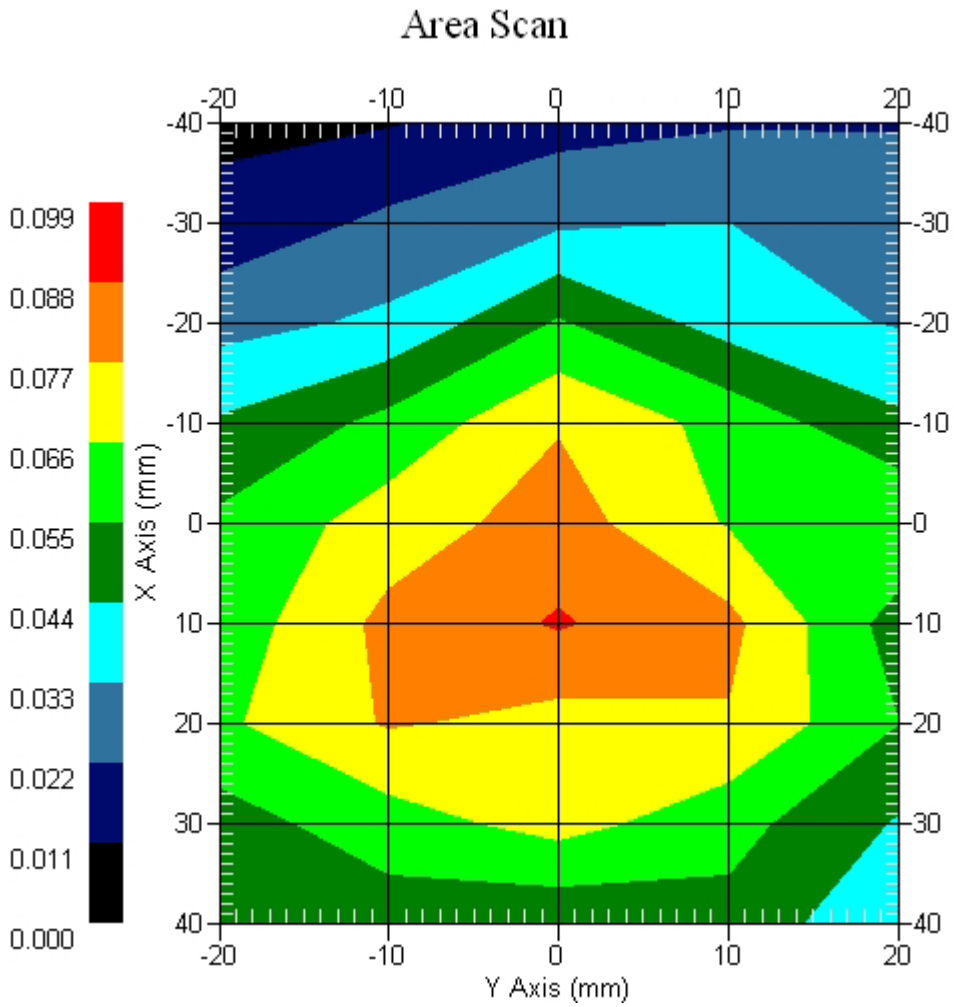
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : High

Power Drift-Start : 0.091 W/kg
Power Drift-Finish: 0.090 W/kg
Power Drift (%)   : -1.098
```



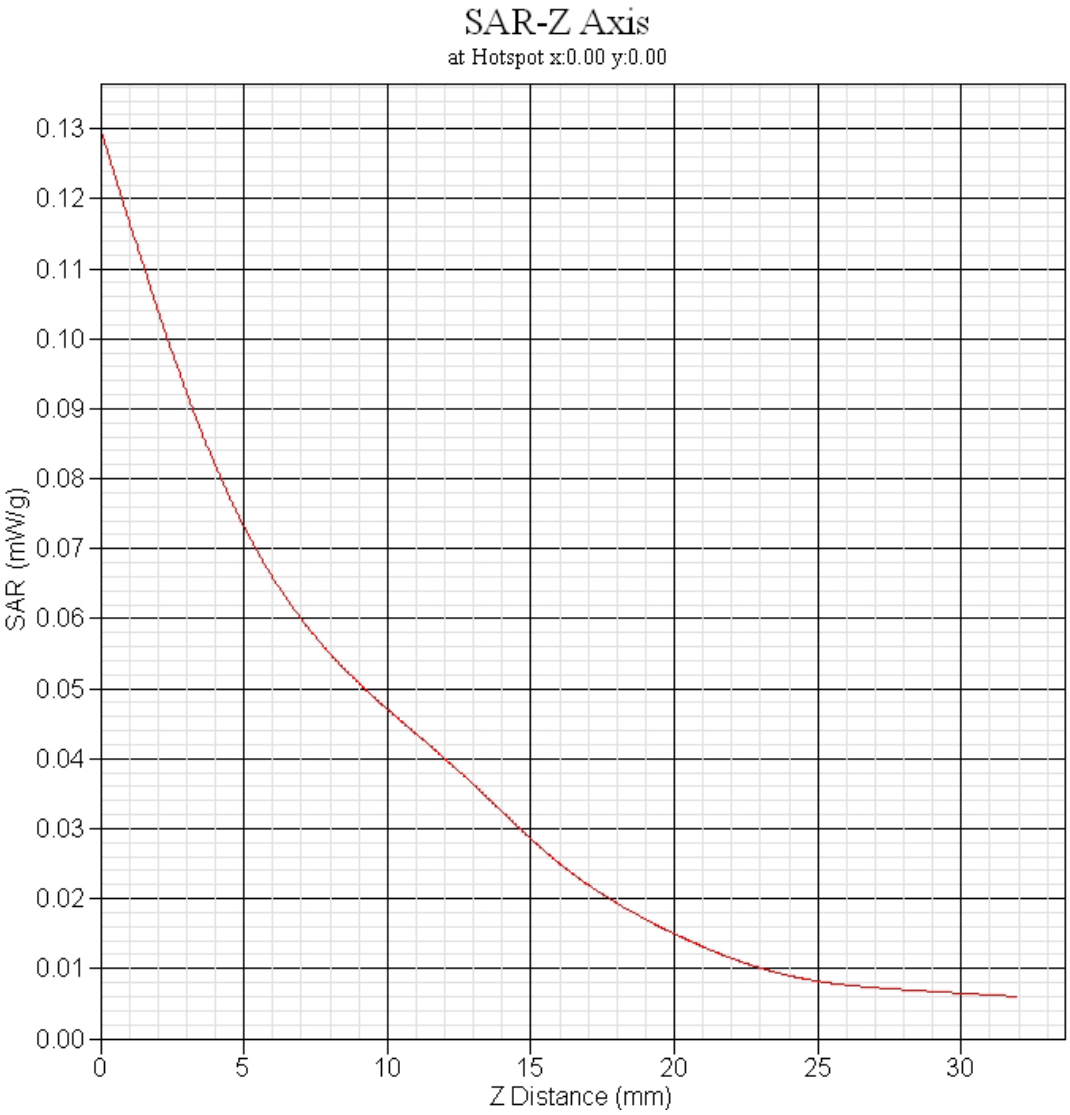

```
1 gram SAR value    : 0.084 W/kg
10 gram SAR value   : 0.059 W/kg
Area Scan Peak SAR  : 0.089 W/kg
Zoom Scan Peak SAR  : 0.120 W/kg
```

Area Scan Plot



5.4 850 MHz Z-Axis plot

Frequency: WCDMA 850 MHz, EUT Around-Top



6 1900MHz SAR measurement Data

SAR Test Report

Report Date : 23-Nov-2007
Measurement Date : 21-Nov-2007

Product Data
Device Name : v100
Serial No. : Around-Top
Type : Other
Frequency : 1900.00 MHz
Max. Transmit Pwr : 1.513 W
Drift Time : 0 min(s)
Length : 290 mm
Width : 20 mm
Depth : 5 mm
Antenna Type : Internal

Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center

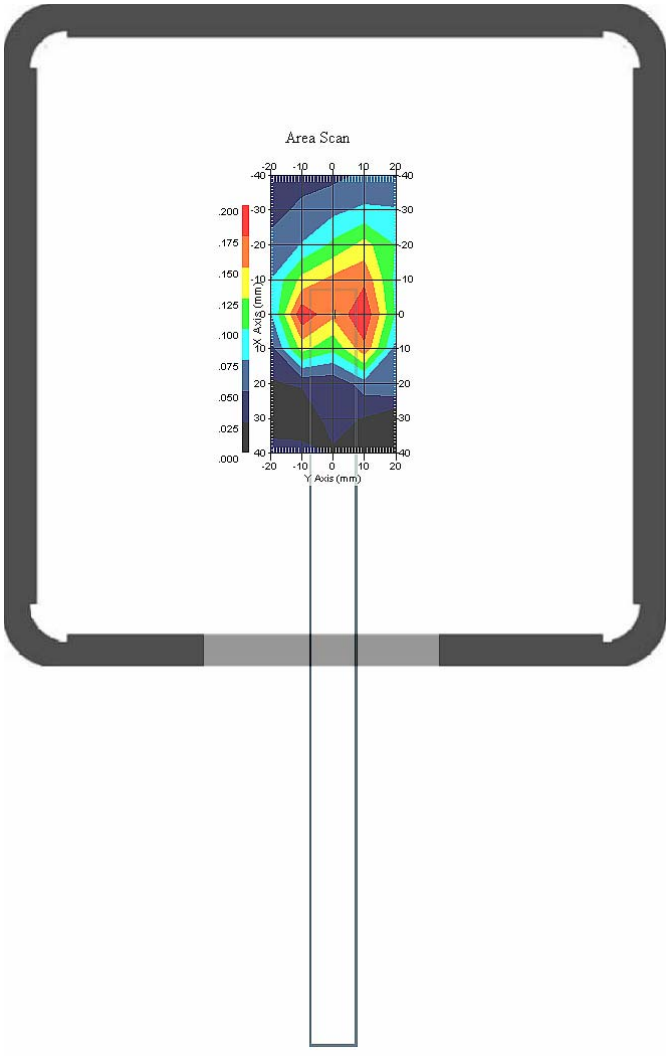
Tissue Data
Type : BODY
Serial No. : 1900_Body
Frequency : 1900.00 MHz
Last Calib. Date : 21-Nov-2007
Temperature : 22.00 °C
Ambient Temp. : 22.10 °C
Humidity : 51.00 RH%
Epsilon : 51.21 F/m
Sigma : 1.49 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 09-Jul-2007
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.9
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

6.1 1900 MHz, EUT Position: Around-Top

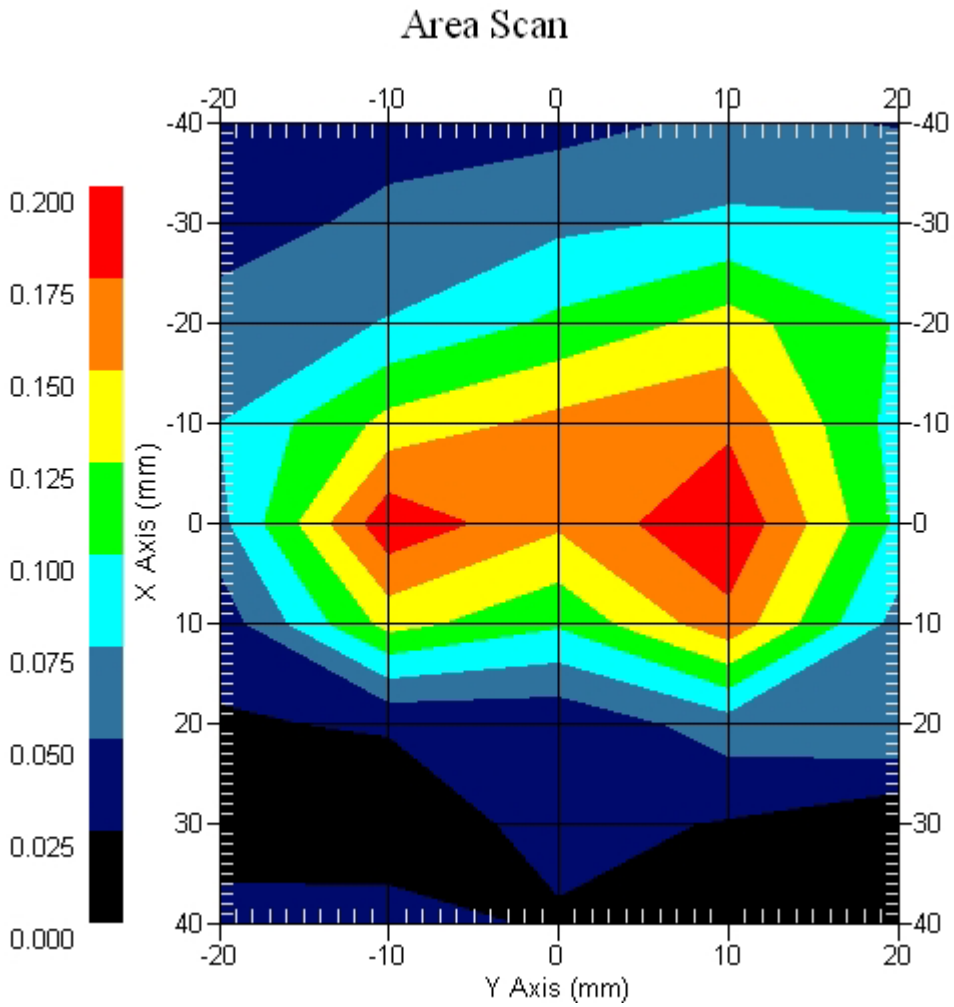
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Low

Power Drift-Start : 0.179 W/kg
Power Drift-Finish: 0.172 W/kg
Power Drift (%)   : -3.915
```




```
1 gram SAR value   : 0.177 W/kg
10 gram SAR value  : 0.094 W/kg
Area Scan Peak SAR : 0.197 W/kg
Zoom Scan Peak SAR : 0.410 W/kg
```

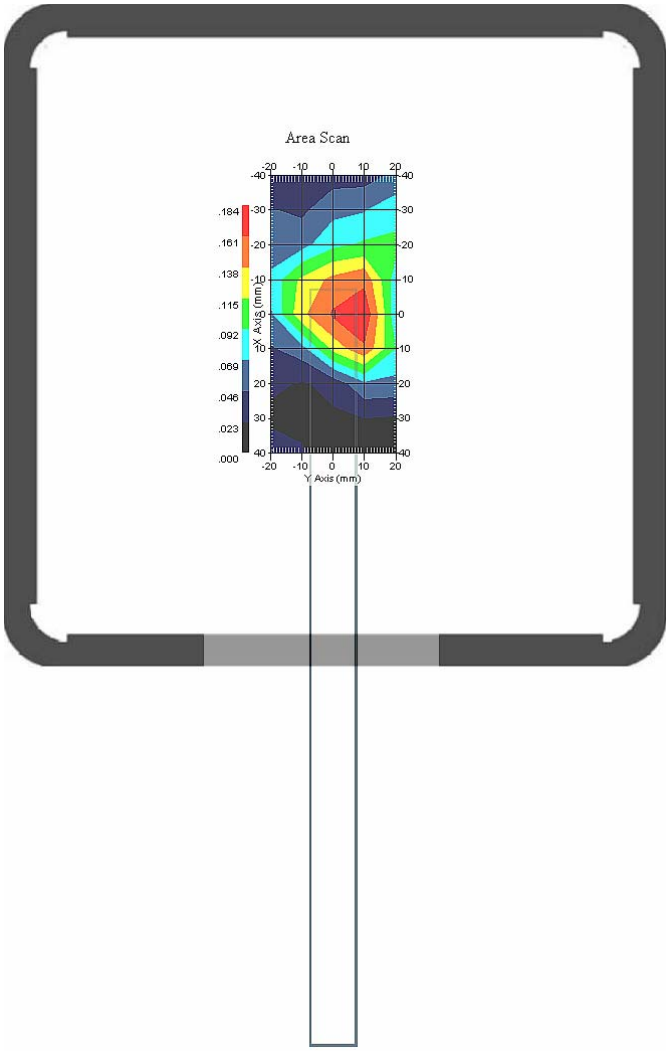
Area Scan Plot



6.2 1900 MHz, EUT Position: Around-Top

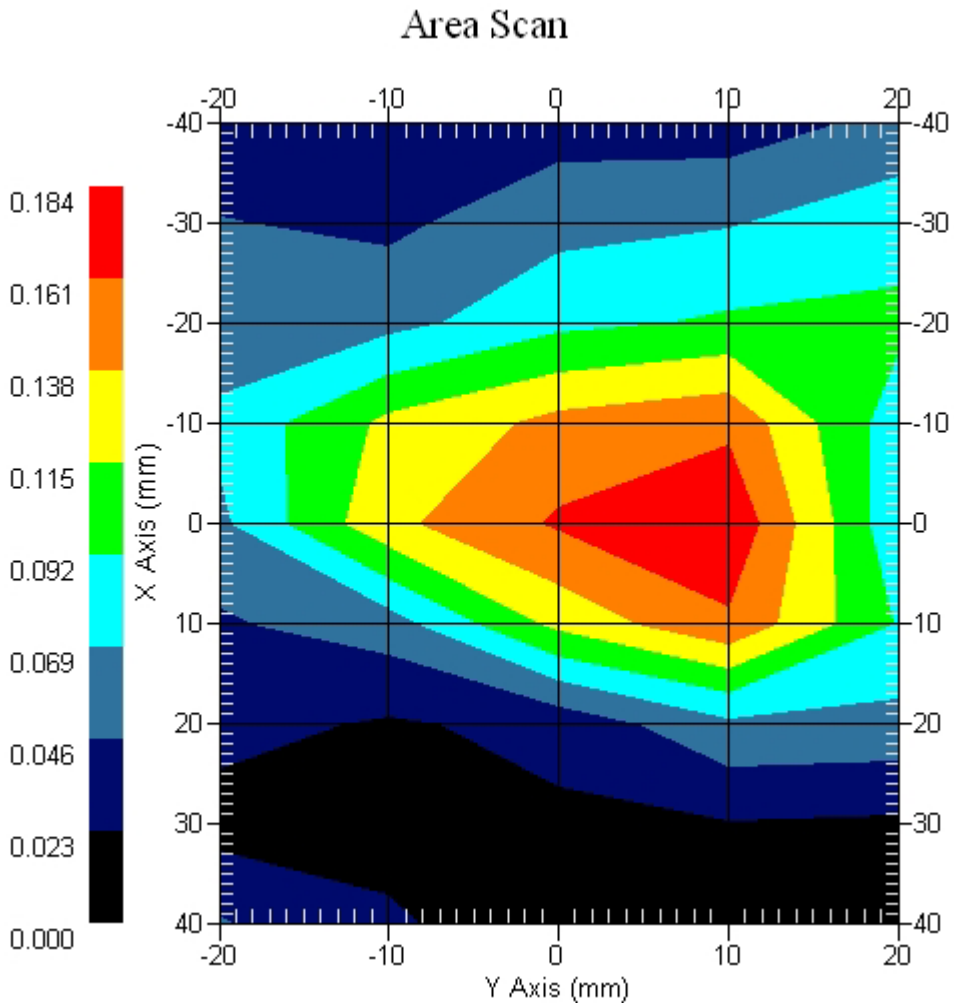
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : Mid

Power Drift-Start : 0.151 W/kg
Power Drift-Finish: 0.145 W/kg
Power Drift (%)   : -3.977
```




```
1 gram SAR value   : 0.155 W/kg
10 gram SAR value  : 0.077 W/kg
Area Scan Peak SAR : 0.180 W/kg
Zoom Scan Peak SAR : 0.310 W/kg
```

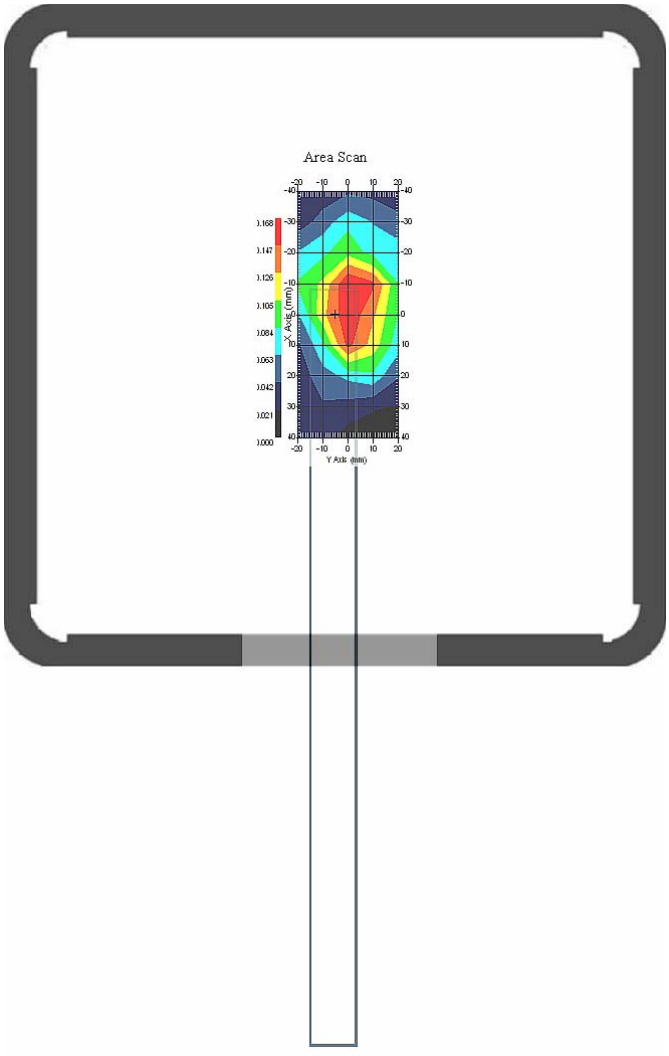
Area Scan Plot



6.3 1900 MHz, EUT Position: Around-Top

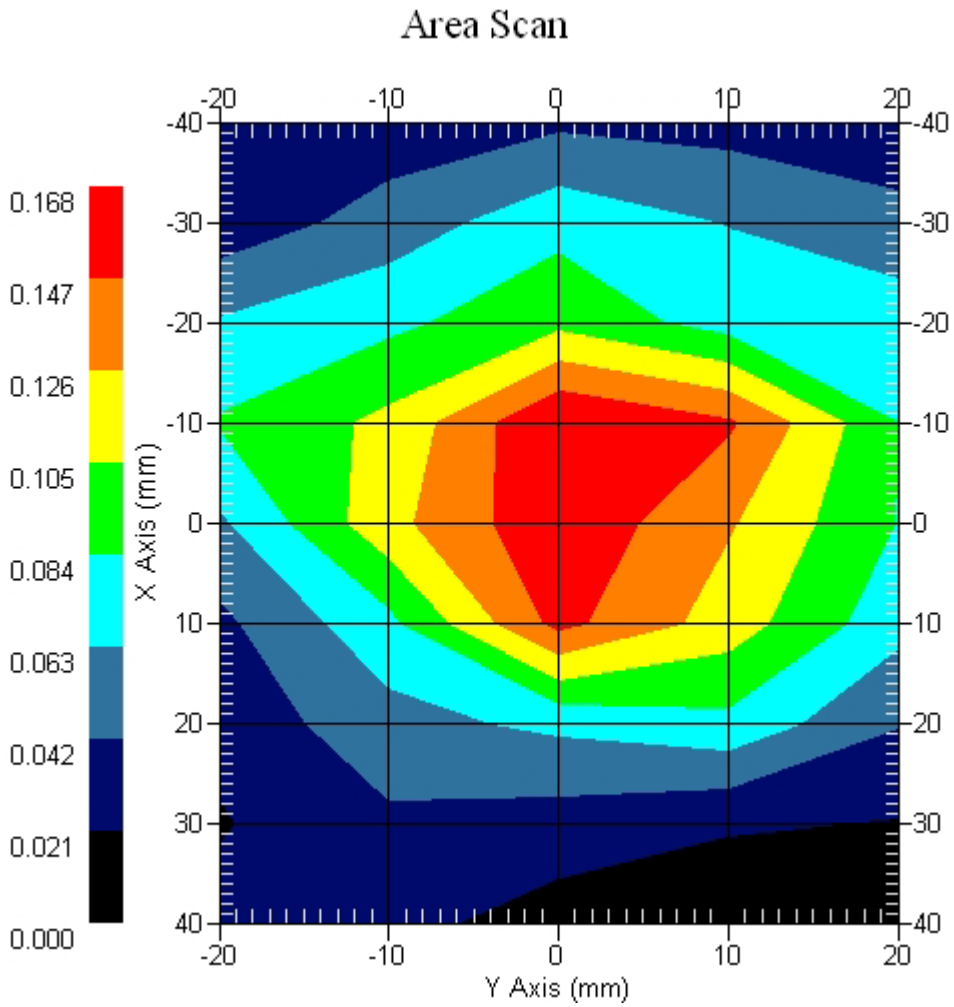
```
Measurement Data
Crest Factor      : 1
Set-up Date       : 21-Nov-2007
Area Scan         : 9x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
DUT Position      : Touch
Channel           : High

Power Drift-Start : 0.180 W/kg
Power Drift-Finish: 0.175 W/kg
Power Drift (%)   : -2.884
```




```
1 gram SAR value    : 0.143 W/kg
10 gram SAR value   : 0.120 W/kg
Area Scan Peak SAR  : 0.168 W/kg
Zoom Scan Peak SAR  : 0.280 W/kg
```

Area Scan Plot



6.4 1900 MHz Z-Axis plot

Frequency: WCDMA 1900 MHz, EUT Around-Top