SAR Test Report

Report Date : 15-Dec-2011
By Operator : 123
Measurement Date : 15-Dec-2011
Starting Time : 15-Dec-2011 09:13:20 AM
End Time : 15-Dec-2011 09:34:43 AM
Scanning Time : 1283 secs

Product Data
Device Name : AEG S40
Serial No. : 123
Type : Std Form Cell Phone
Model : 123
Frequency : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time : 0 min(s)
Length : 107 mm
Width : 50 mm
Depth : 11 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.368 W/kg
Power Drift-Finish: 0.342 W/kg
Power Drift (%) : -2.317
Picture :

Phantom Data
Name : APREL-SAM Left Ear
Type : SAM-Left
Size (mm) : 280 x 280 x 280
Serial No. : User Define
Location : Left
Description : l

Tissue Data
Type : HEAD
Serial No. : IAC Tissue - 835
Frequency : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 53.00 RH%
Epsilon : 41.02 F/m
Sigma : 0.90 S/m
Density : 1000.00 kg/cu. m

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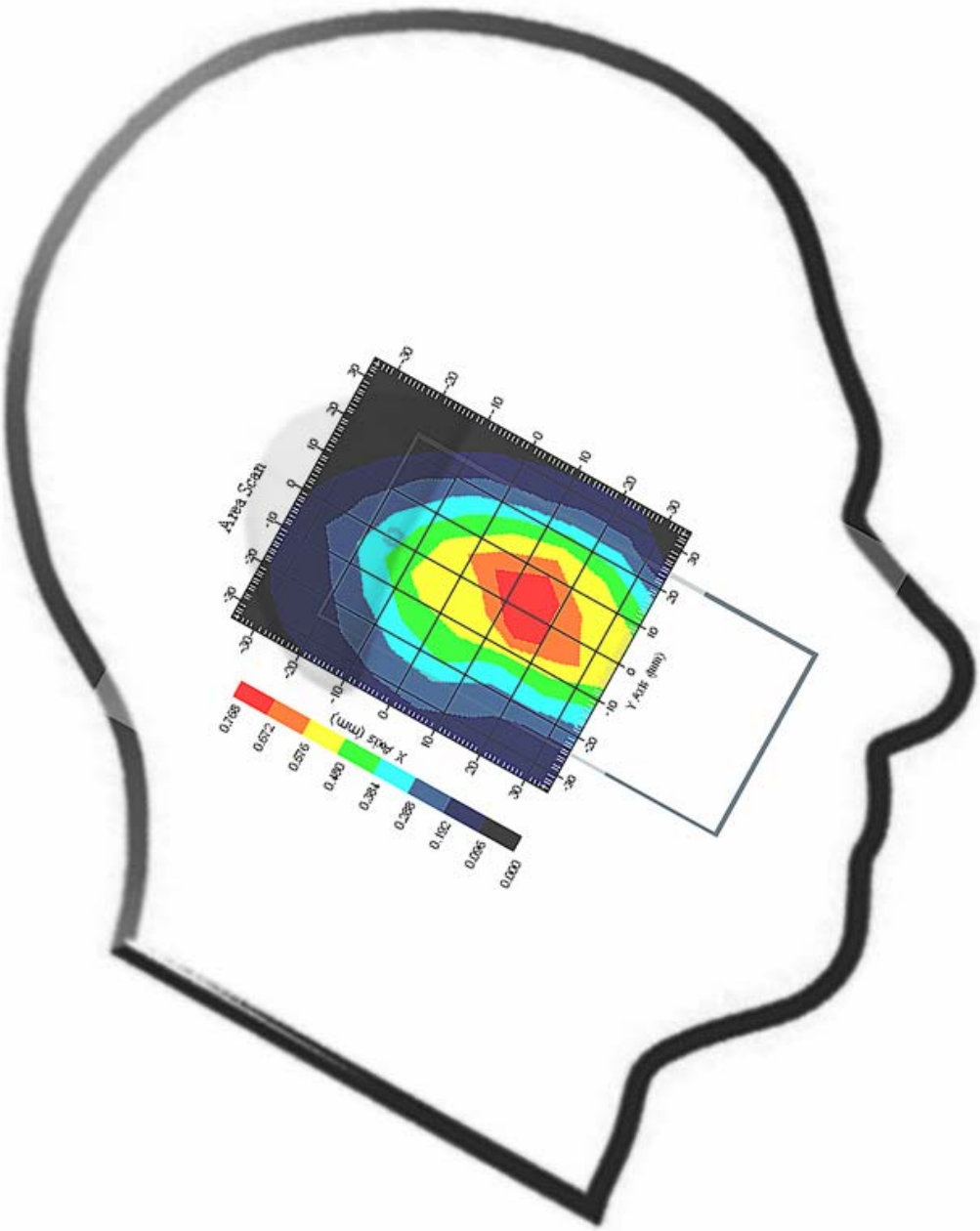
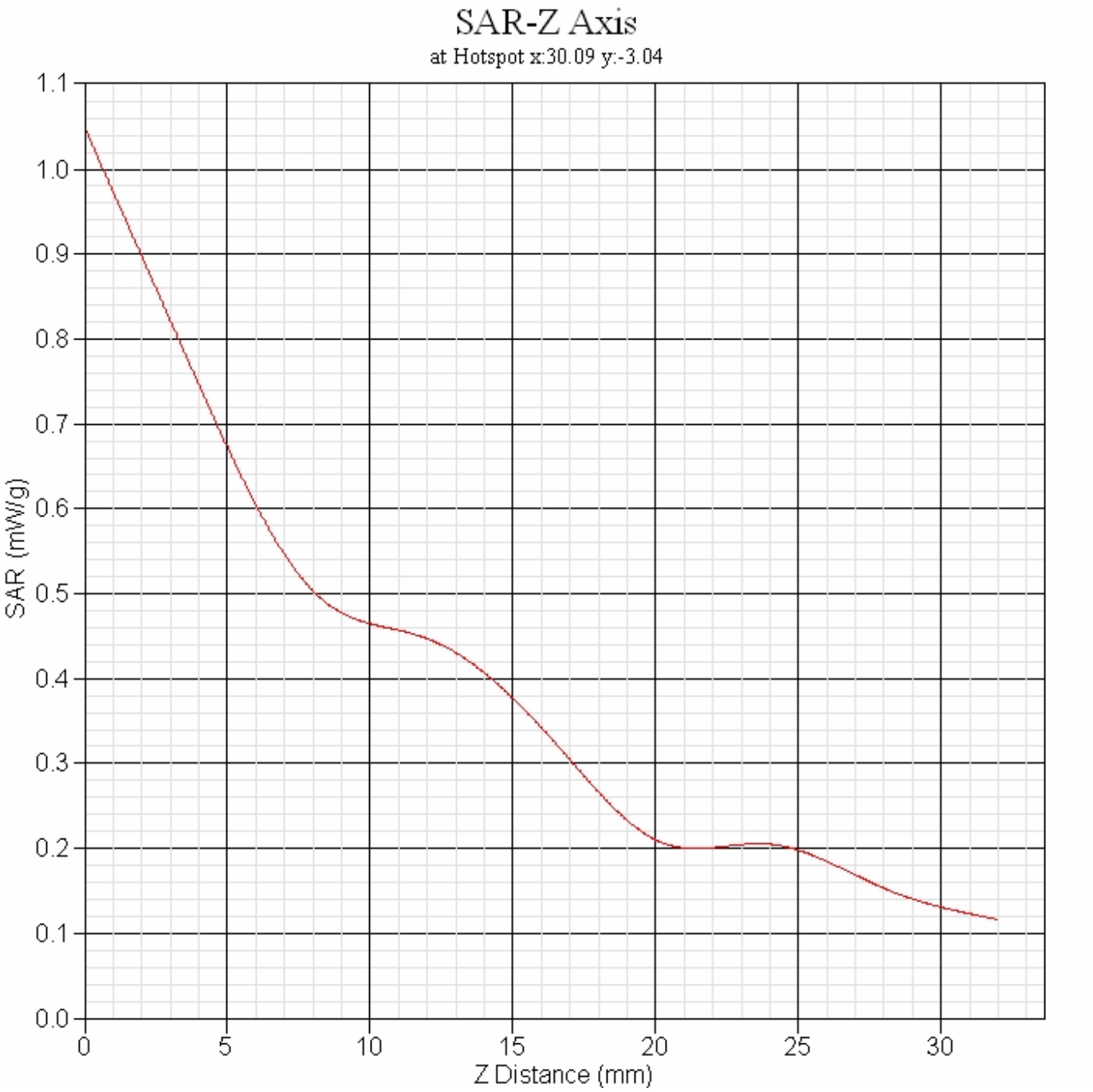
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 15-Dec-2011
Set-up Time : 9:01:17 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Mid




```
1 gram SAR value   : 0.648 W/kg
10 gram SAR value  : 0.409 W/kg
Area Scan Peak SAR : 0.768 W/kg
Zoom Scan Peak SAR : 1.050 W/kg
```


SAR-Z Axis
at Hotspot x:30.09 y:-3.04
SAR (mW/g)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
Z Distance (mm)

Report Date : 15-Dec-2011
By Operator : 123
Measurement Date : 15-Dec-2011
Starting Time : 15-Dec-2011 09:44:40 AM
End Time : 15-Dec-2011 10:15:23 AM
Scanning Time : 1843 secs

Product Data
Device Name : AEG S40
Serial No. : 123
Type : Std Form Cell Phone
Model : 123
Frequency : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time : 0 min(s)
Length : 107 mm
Width : 50 mm
Depth : 11 mm
Antenna Type : Internal
Orientation : 15° Tilt
Power Drift-Start : 0.381 W/kg
Power Drift-Finish: 0.349 W/kg
Power Drift (%) : -1.632
Picture :

Phantom Data
Name : APREL-SAM Left Ear
Type : SAM-Left
Size (mm) : 280 x 280 x 280
Serial No. : User Define
Location : Left
Description : l

Tissue Data
Type : HEAD
Serial No. : IAC Tissue - 835
Frequency : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 53.00 RH%
Epsilon : 41.02 F/m
Sigma : 0.90 S/m
Density : 1000.00 kg/cu. m

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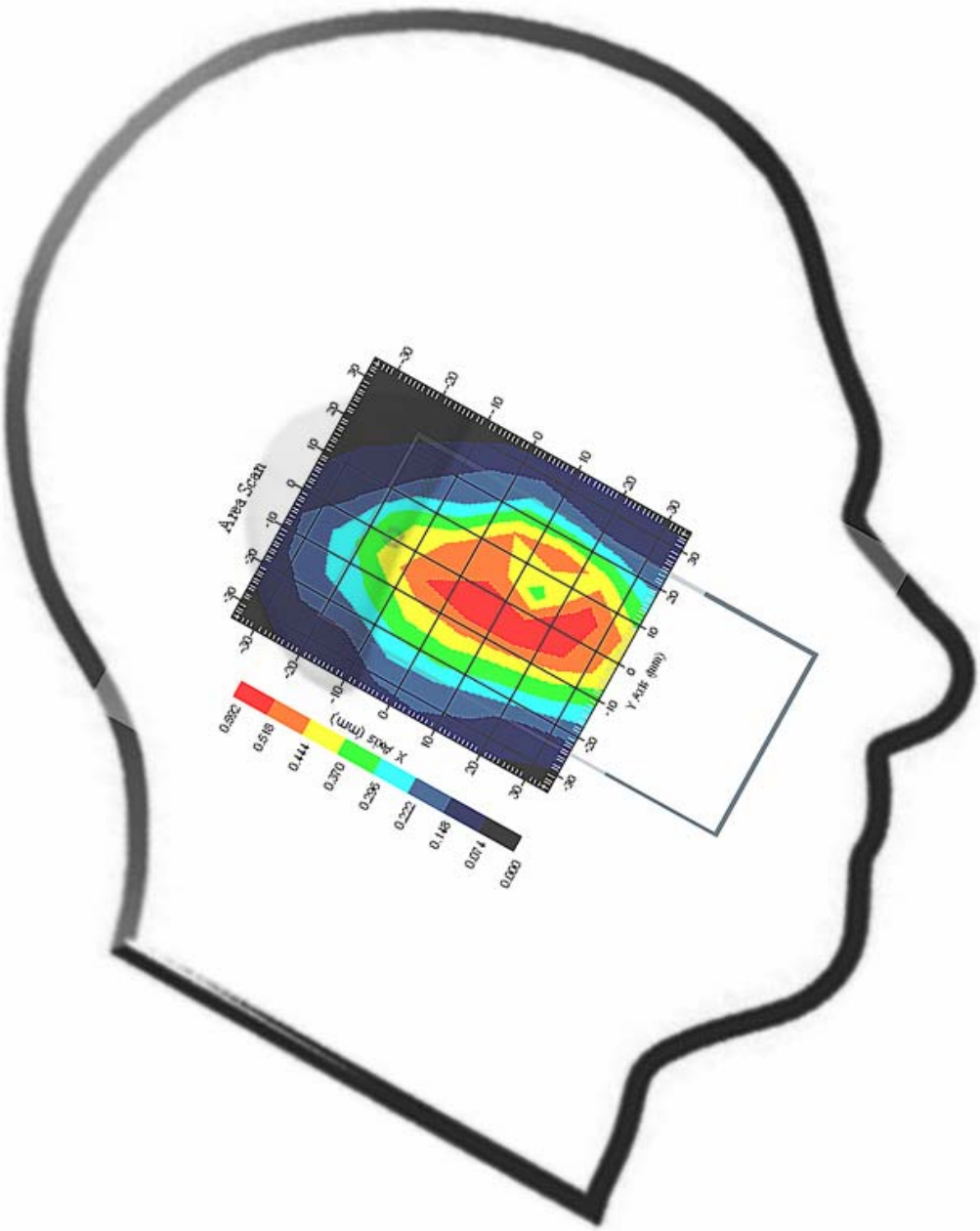
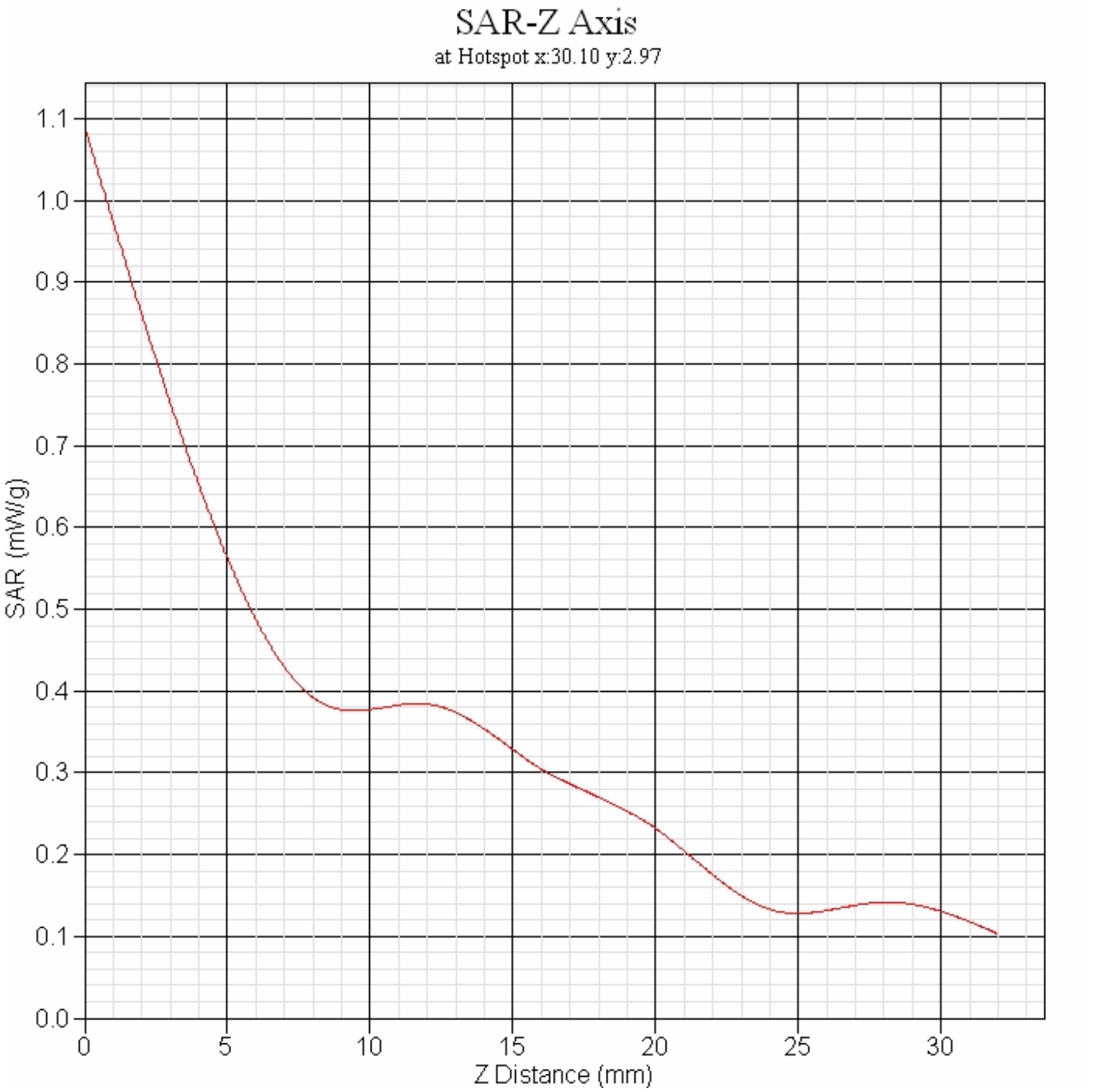
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 15-Dec-2011
Set-up Time : 9:44:20 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : 15° Tilt
Separation : 0
Channel : Mid



1 gram SAR value : 0.622 W/kg
10 gram SAR value : 0.387 W/kg
Area Scan Peak SAR : 0.591 W/kg
Zoom Scan Peak SAR : 1.090 W/kg


SAR-Z Axis
at Hotspot x:30.10 y:2.97
SAR (mW/g)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
Z Distance (mm)

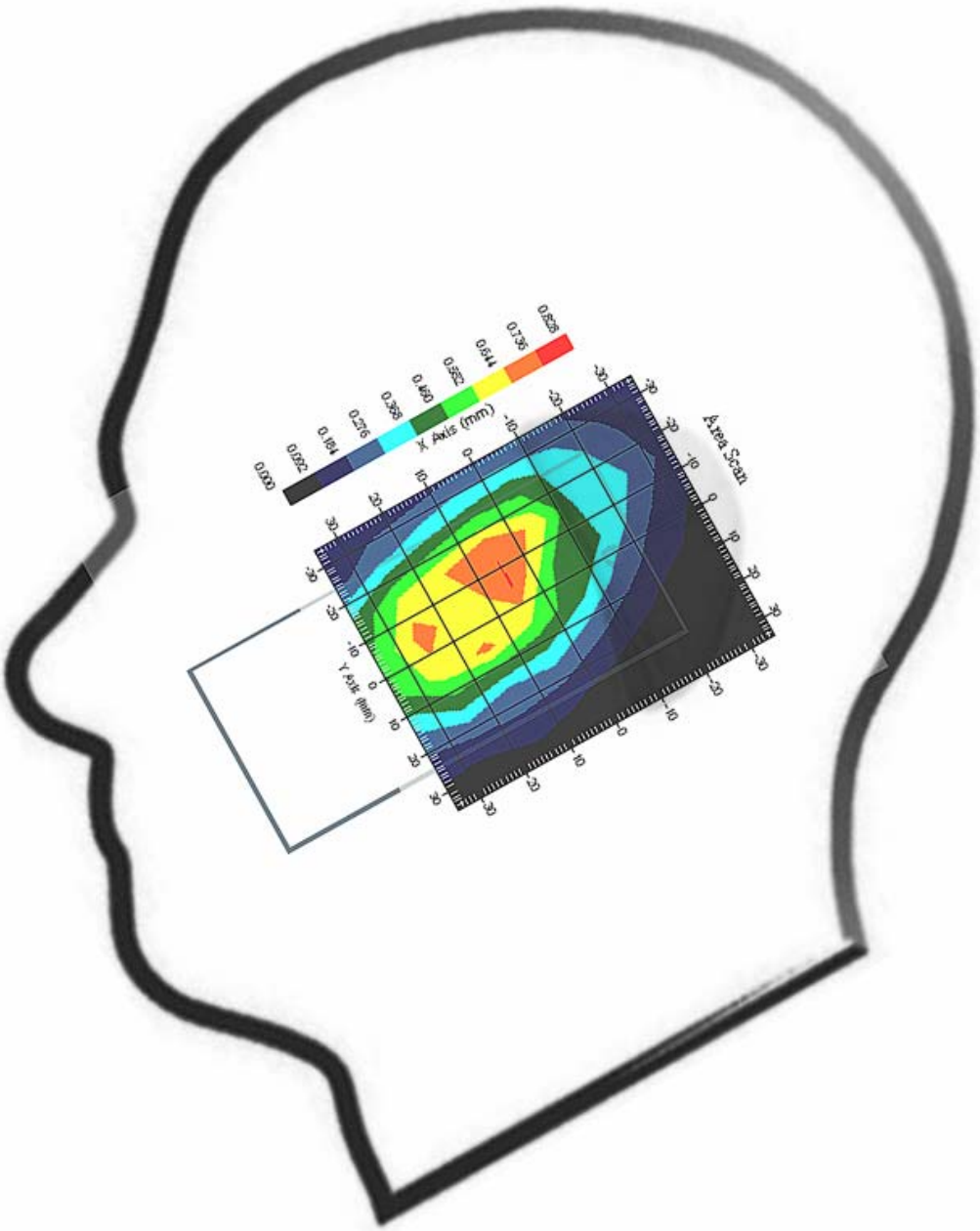
```
Report Date      : 15-Dec-2011
By Operator      : 123
Measurement Date  : 15-Dec-2011
Starting Time    : 15-Dec-2011  11:00:16 AM
End Time         : 15-Dec-2011  11:42:07 AM
Scanning Time    : 2511 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.310 W/kg
Power Drift-Finish: 0.300 W/kg
Power Drift (%)   : -0.840
Picture          :

Phantom Data
Name            : APREL-SAM Right Ear
Type            : SAM-Right
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Right
Description      : r

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 835
Frequency        : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 53.00 RH%
Epsilon         : 41.02 F/m
Sigma           : 0.90 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

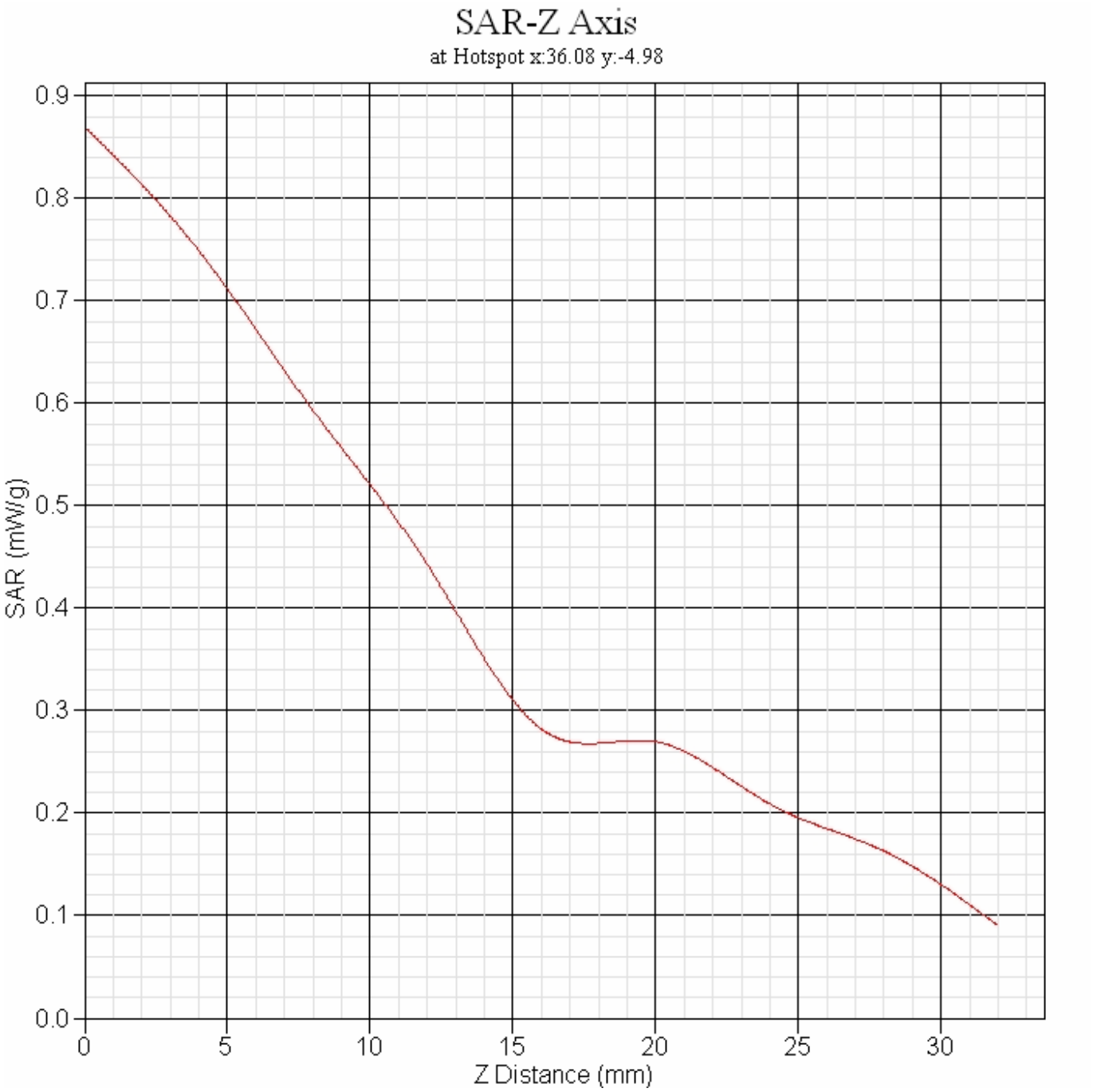
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 15-Dec-2011
Set-up Time : 10:59:54 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Mid



1 gram SAR value : 0.706 W/kg
10 gram SAR value : 0.427 W/kg
Area Scan Peak SAR : 0.738 W/kg
Zoom Scan Peak SAR : 0.870 W/kg


SAR-Z Axis
at Hotspot x:36.08 y:-4.98
SAR (mW/g)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
0
5
10
15
20
25
30
Z Distance (mm)

Report Date : 15-Dec-2011
By Operator : 123
Measurement Date : 15-Dec-2011
Starting Time : 15-Dec-2011 10:20:36 AM
End Time : 15-Dec-2011 10:43:52 AM
Scanning Time : 1396 secs

Product Data
Device Name : AEG S40
Serial No. : 123
Type : Std Form Cell Phone
Model : 123
Frequency : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time : 0 min(s)
Length : 107 mm
Width : 50 mm
Depth : 11 mm
Antenna Type : Internal
Orientation : 15° Tilt
Power Drift-Start : 0.307 W/kg
Power Drift-Finish: 0.315 W/kg
Power Drift (%) : 2.427
Picture :

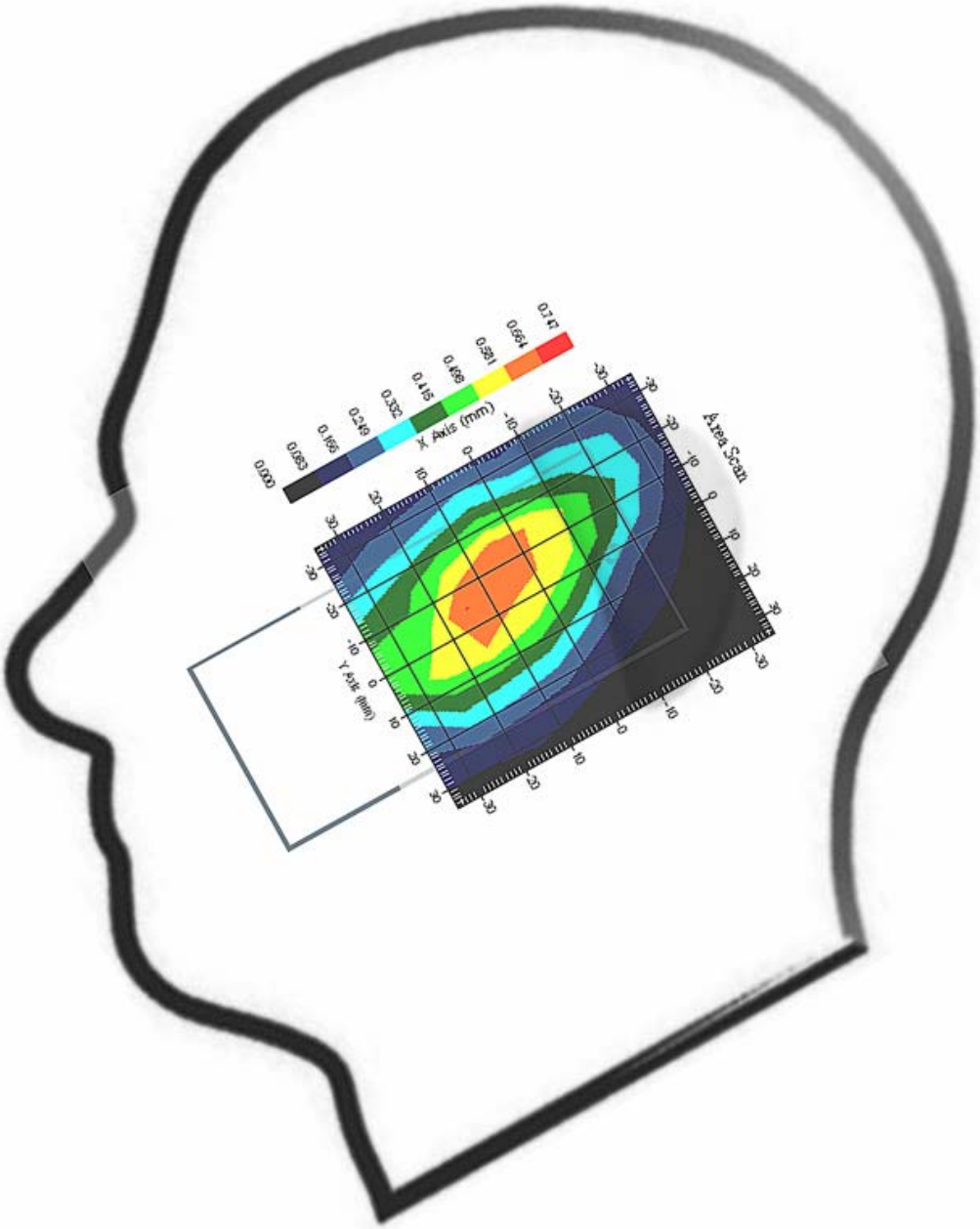
Phantom Data
Name : APREL-SAM Right Ear
Type : SAM-Right
Size (mm) : 280 x 280 x 280
Serial No. : User Define
Location : Right
Description : r

Tissue Data
Type : HEAD
Serial No. : IAC Tissue - 835
Frequency : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 53.00 RH%
Epsilon : 41.02 F/m
Sigma : 0.90 S/m
Density : 1000.00 kg/cu. m

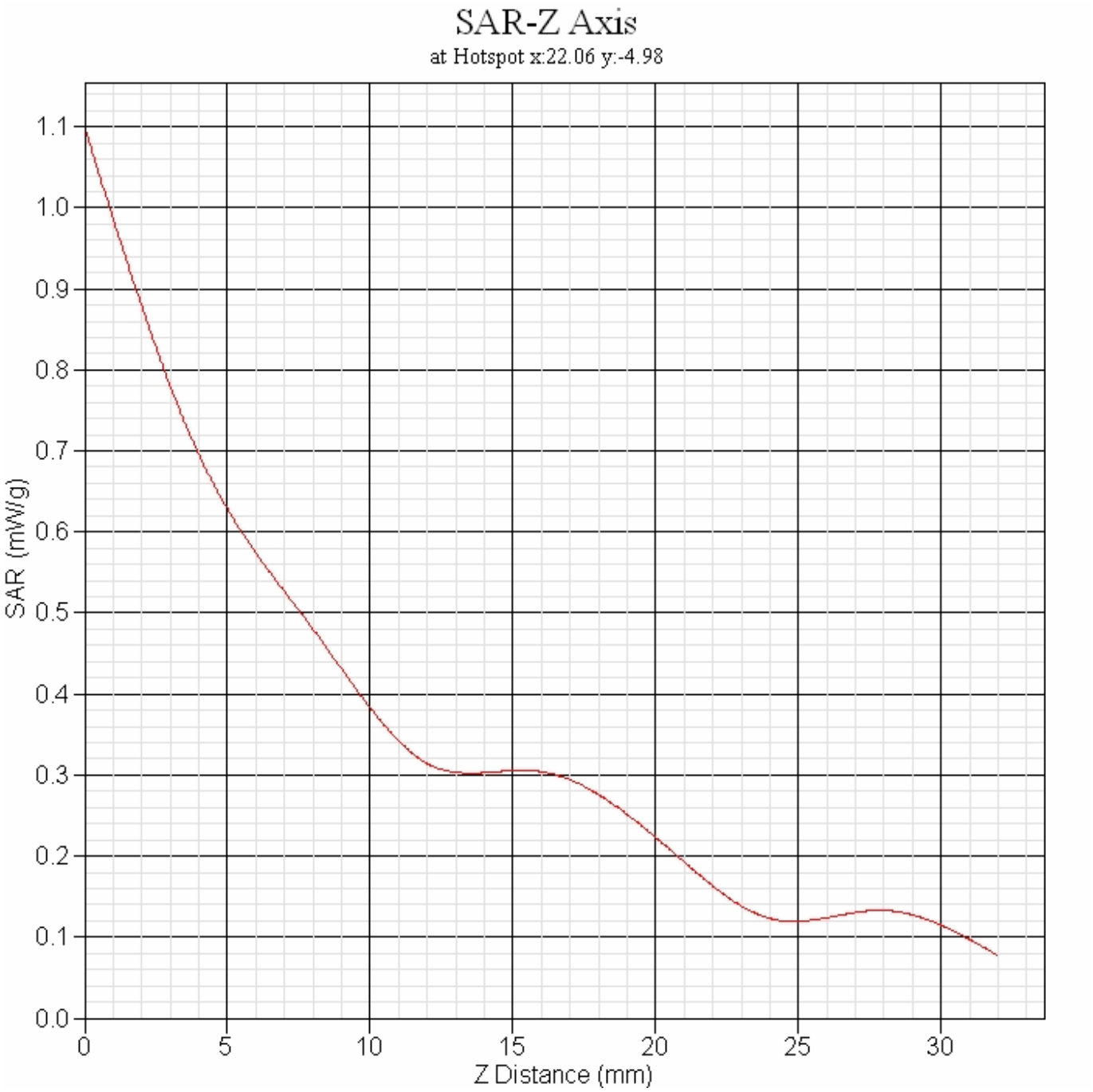
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 15-Dec-2011
Set-up Time : 9:44:20 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : 15° Tilt
Separation : 0
Channel : Mid



1 gram SAR value : 0.675 W/kg
10 gram SAR value : 0.420 W/kg
Area Scan Peak SAR : 0.666 W/kg
Zoom Scan Peak SAR : 1.100 W/kg


SAR-Z Axis
at Hotspot x:22.06 y:-4.98
SAR (mW/g)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
Z Distance (mm)

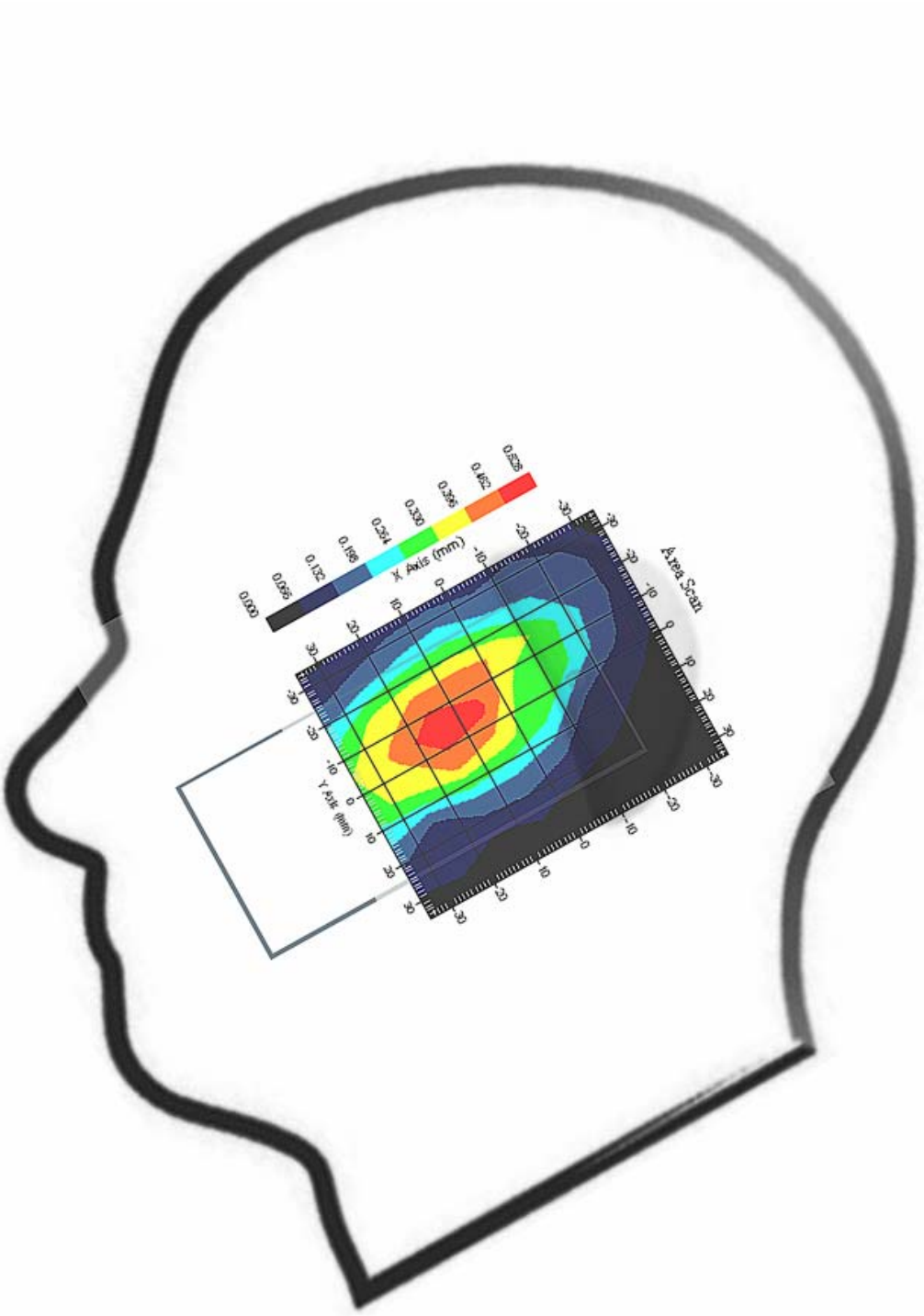
```
Report Date      : 15-Dec-2011
By Operator      : 123
Measurement Date  : 15-Dec-2011
Starting Time    : 15-Dec-2011  11:46:11 AM
End Time         : 15-Dec-2011  12:08:52 PM
Scanning Time    : 1361 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.220 W/kg
Power Drift-Finish: 0.169 W/kg
Power Drift (%)   : -3.435
Picture          :

Phantom Data
Name            : APREL-SAM Right Ear
Type            : SAM-Right
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Right
Description      : r

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 835
Frequency        : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 53.00 RH%
Epsilon         : 41.02 F/m
Sigma           : 0.90 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

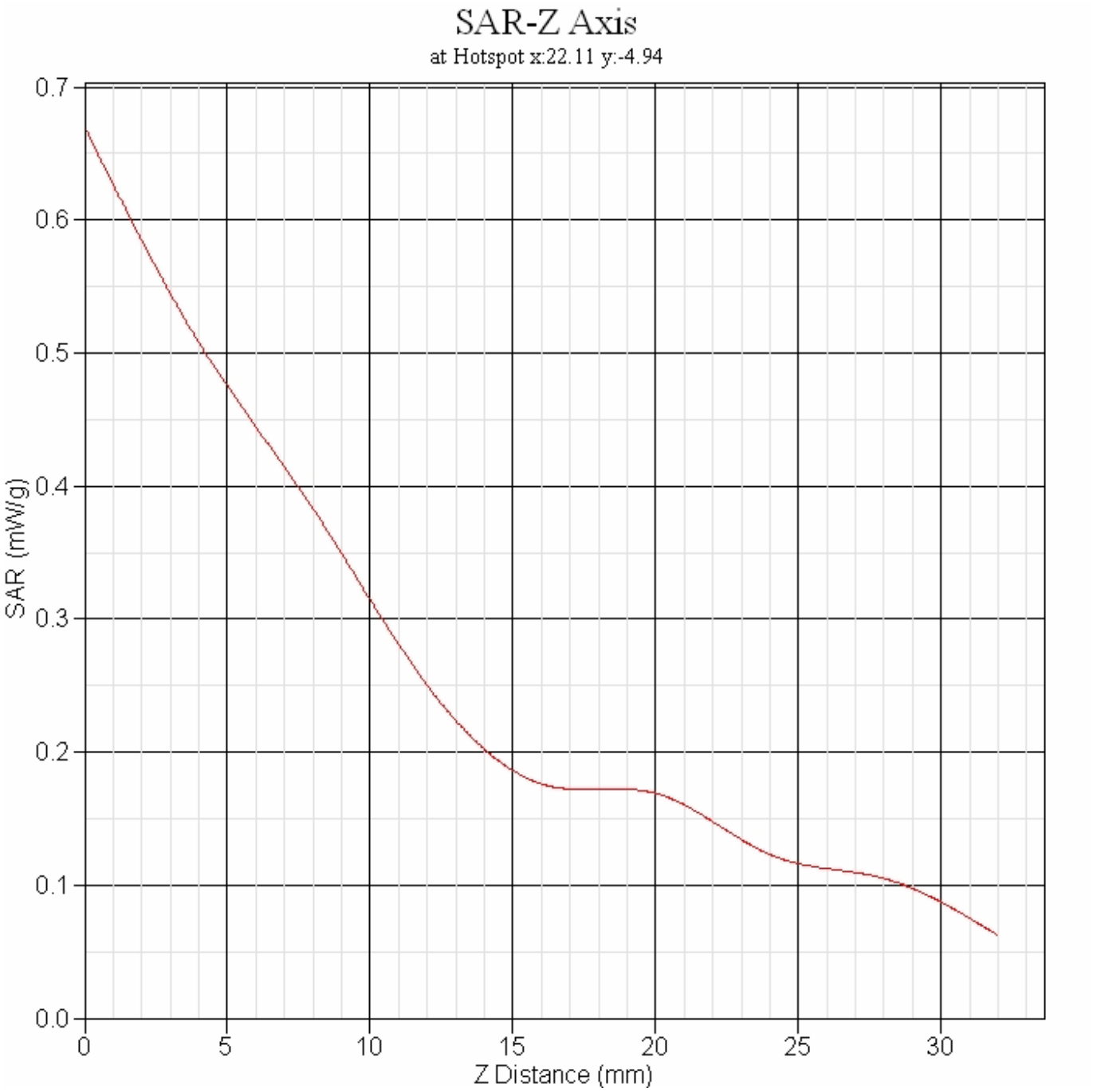
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 15-Dec-2011
Set-up Time : 10:59:54 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Mid




```
1 gram SAR value   : 0.402 W/kg
10 gram SAR value  : 0.252 W/kg
Area Scan Peak SAR : 0.526 W/kg
Zoom Scan Peak SAR : 0.670 W/kg
```


SAR-Z Axis
at Hotspot x:22.11 y:-4.94
SAR (mW/g)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
Z Distance (mm)

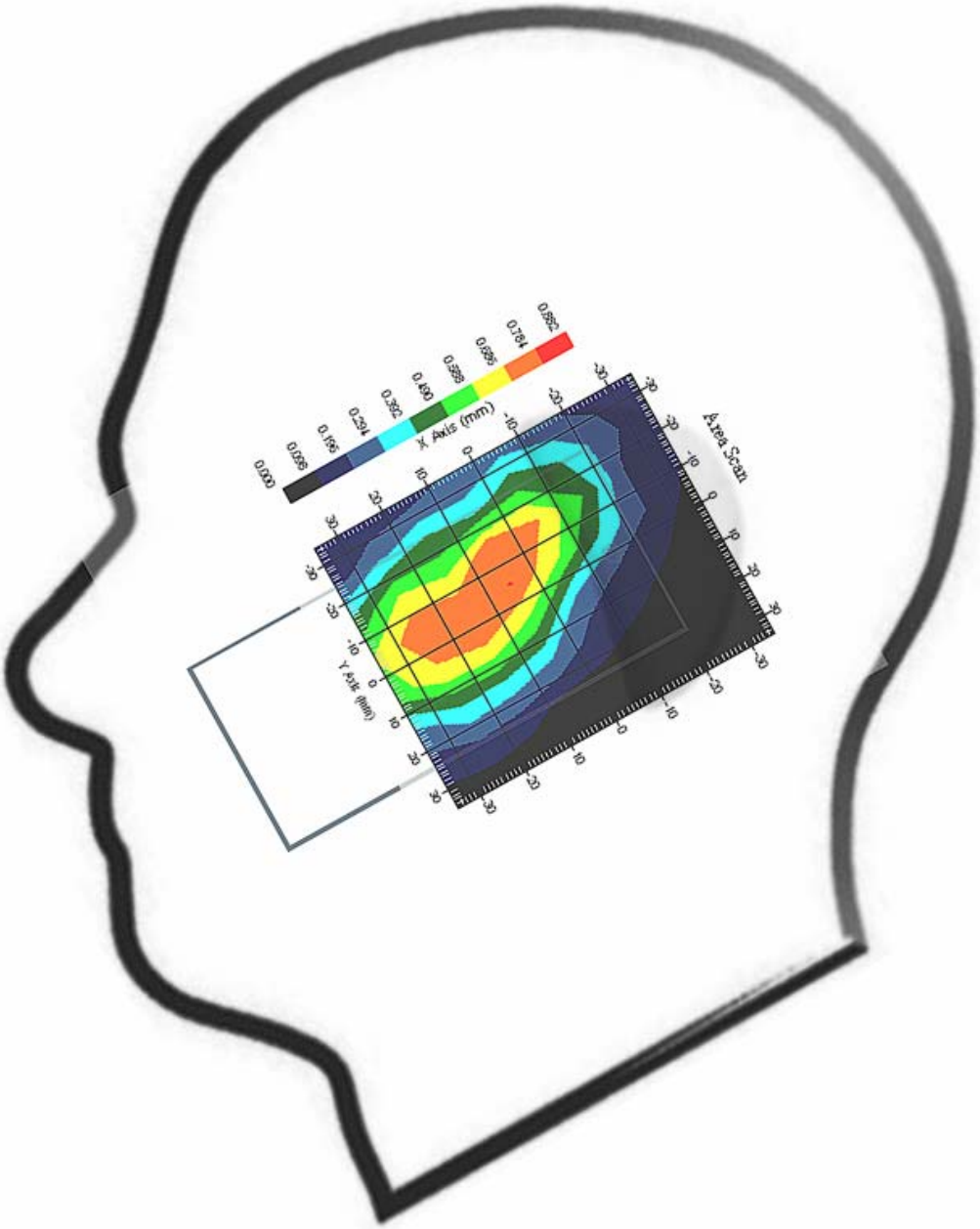
```
Report Date      : 15-Dec-2011
By Operator      : 123
Measurement Date  : 15-Dec-2011
Starting Time    : 15-Dec-2011  12:11:12 PM
End Time         : 15-Dec-2011  12:33:50 PM
Scanning Time    : 1358 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.220 W/kg
Power Drift-Finish: 0.222 W/kg
Power Drift (%)   : 0.863
Picture          :

Phantom Data
Name            : APREL-SAM Right Ear
Type            : SAM-Right
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Right
Description      : r

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 835
Frequency        : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 53.00 RH%
Epsilon         : 41.02 F/m
Sigma           : 0.90 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

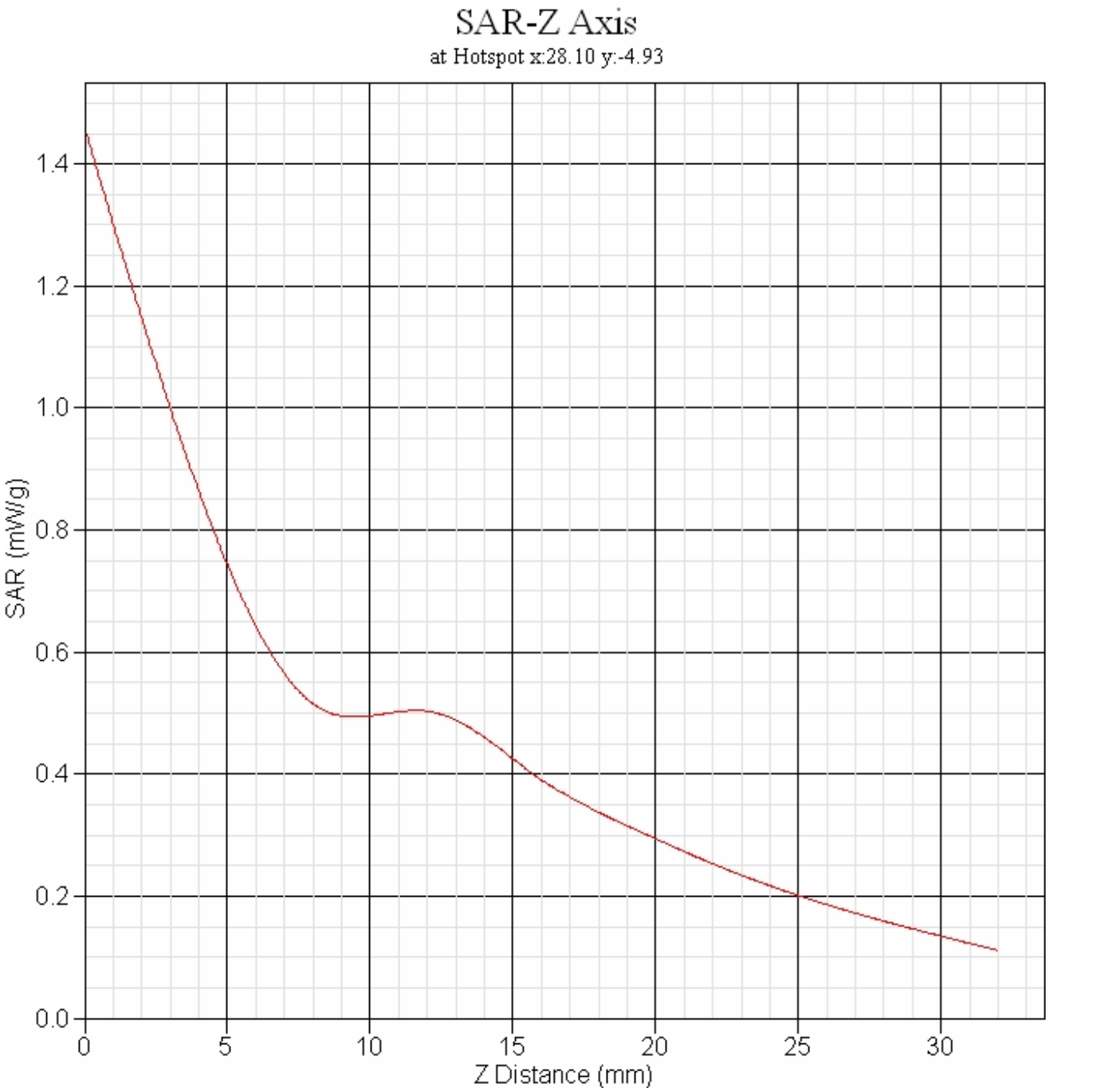
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 15-Dec-2011
Set-up Time : 10:59:54 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : High



1 gram SAR value : 0.778 W/kg
10 gram SAR value : 0.483 W/kg
Area Scan Peak SAR : 0.785 W/kg
Zoom Scan Peak SAR : 1.461 W/kg

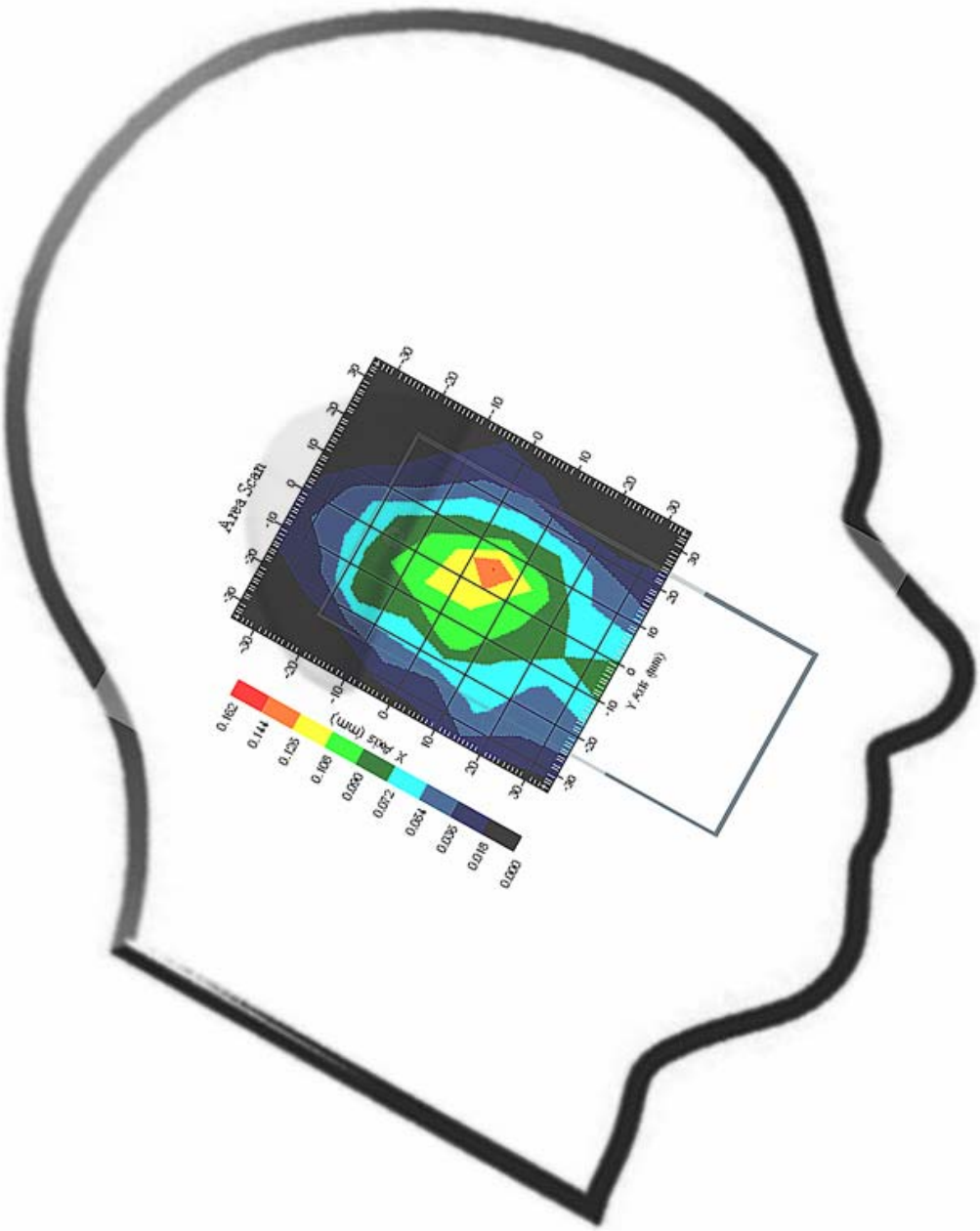

SAR-Z Axis
at Hotspot x:28.10 y:-4.93
SAR (mW/g)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Z Distance (mm)

```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  11:02:45 AM
End Time         : 16-Dec-2011  11:33:38 AM
Scanning Time    : 1853 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.087 W/kg
Power Drift-Finish: 0.084 W/kg
Power Drift (%)   : -3.876
Picture          :

Phantom Data
Name            : APREL-SAM Left Ear
Type            : SAM-Left
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Left
Description      : l

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 38.27 F/m
Sigma           : 1.36 S/m
Density         : 1000.00 kg/cu. m
```

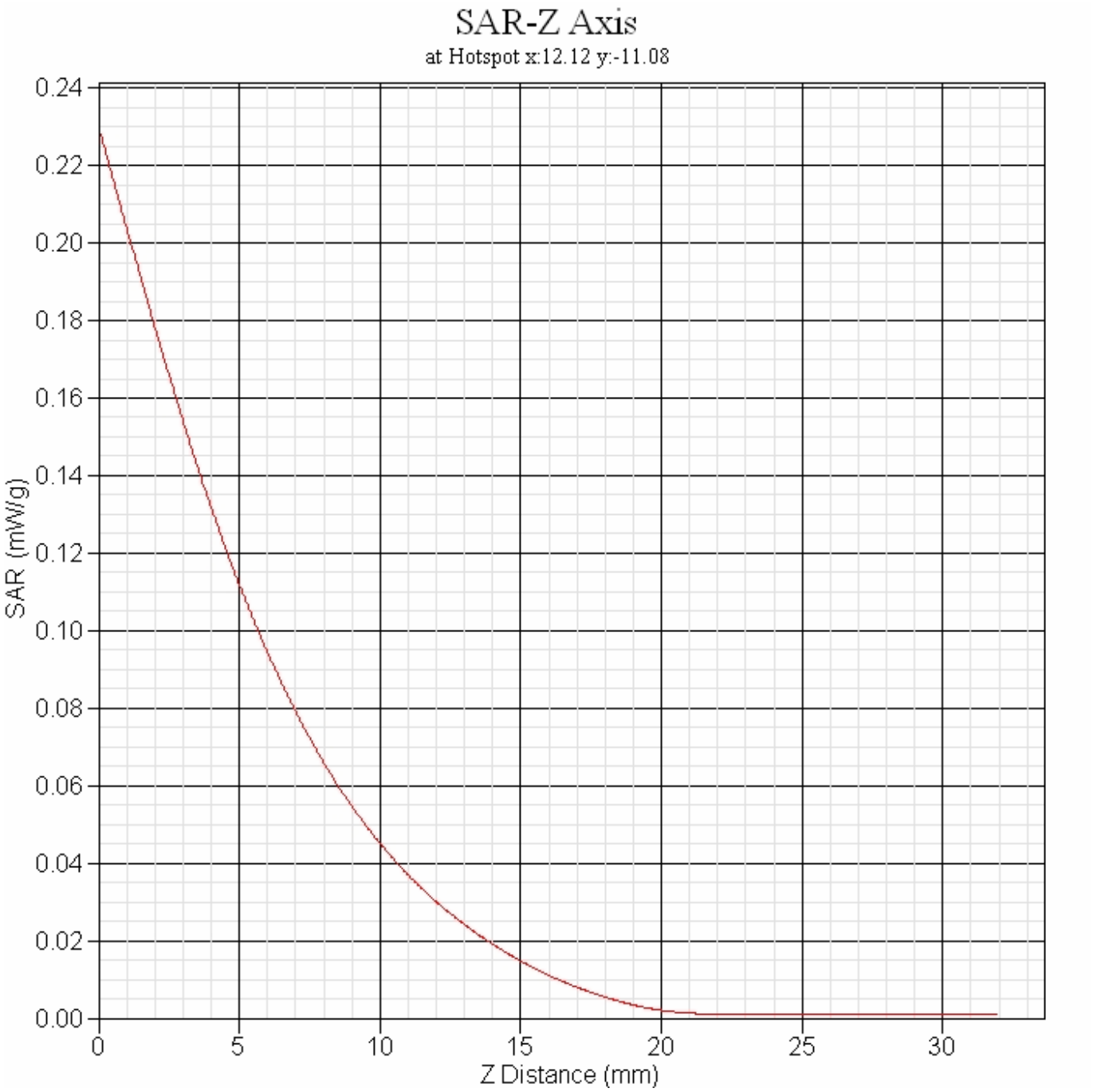
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.7
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 9:53:06 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Mid



1 gram SAR value : 0.119 W/kg
10 gram SAR value : 0.058 W/kg
Area Scan Peak SAR : 0.145 W/kg
Zoom Scan Peak SAR : 0.230 W/kg


SAR-Z Axis
at Hotspot x:12.12 y:-11.08
SAR (mW/g)
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
5
10
15
20
25
30
Z Distance (mm)

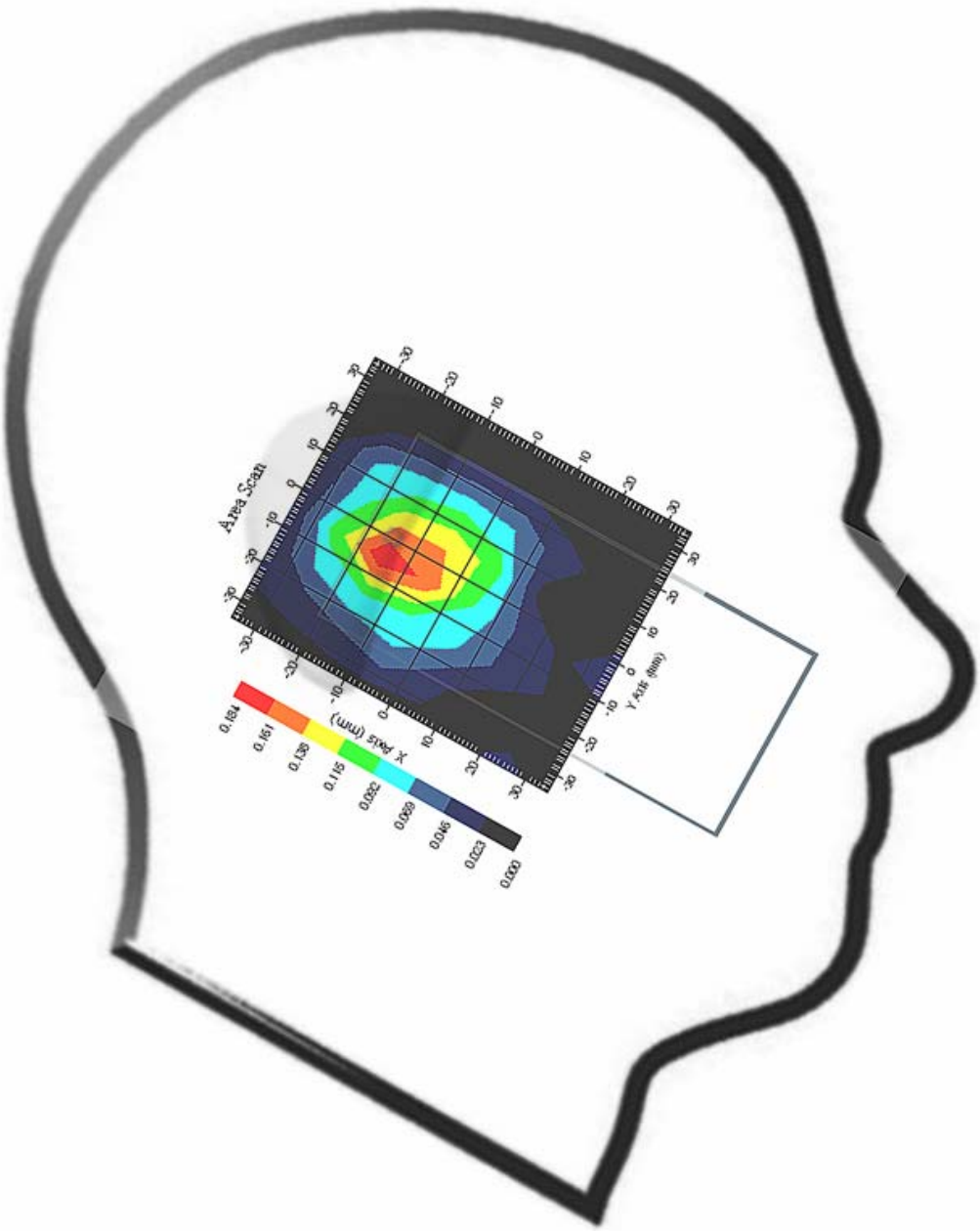
```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  10:33:44 AM
End Time         : 16-Dec-2011  10:55:04 AM
Scanning Time    : 1280 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : 15° Tilt
Power Drift-Start : 0.127 W/kg
Power Drift-Finish: 0.134 W/kg
Power Drift (%)   : 5.539
Picture          :

Phantom Data
Name            : APREL-SAM Left Ear
Type            : SAM-Left
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Left
Description      : l

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 38.27 F/m
Sigma           : 1.36 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

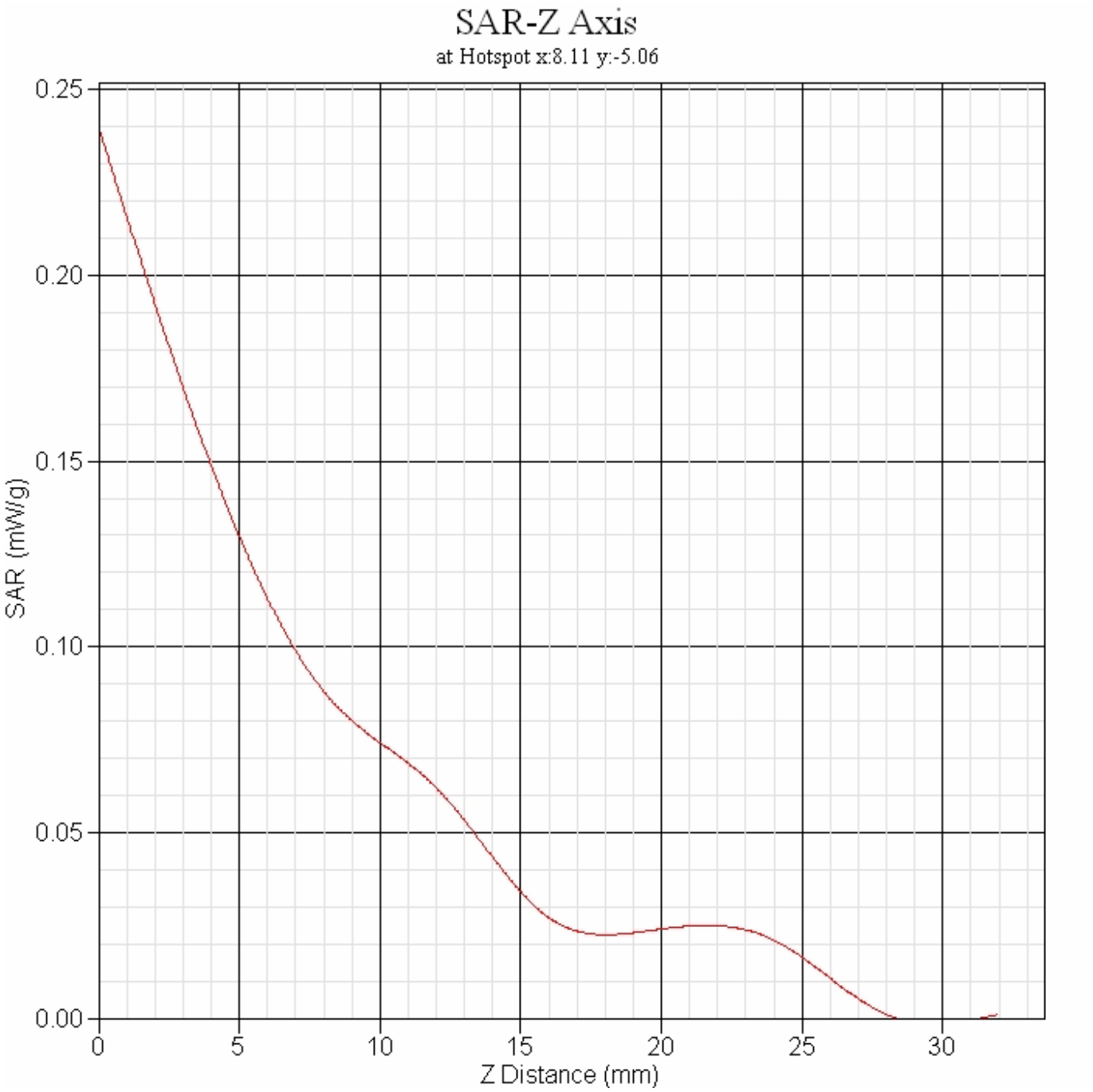
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.7
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 9:53:06 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : 15° Tilt
Separation : 0
Channel : Mid




```
1 gram SAR value   : 0.116 W/kg
10 gram SAR value  : 0.059 W/kg
Area Scan Peak SAR : 0.182 W/kg
Zoom Scan Peak SAR : 0.240 W/kg
```


SAR-Z Axis
at Hotspot x:8.11 y:-5.06
SAR (mW/g)
0.25
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
25
30
Z Distance (mm)

```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  09:27:27 AM
End Time         : 16-Dec-2011  09:48:33 AM
Scanning Time    : 1266 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.097 W/kg
Power Drift-Finish: 0.106 W/kg
Power Drift (%)   : 2.333
Picture          :

Phantom Data
Name            : APREL-SAM Right Ear
Type            : SAM-Right
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Right
Description      : r

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 38.27 F/m
Sigma           : 1.36 S/m
Density         : 1000.00 kg/cu. m
```

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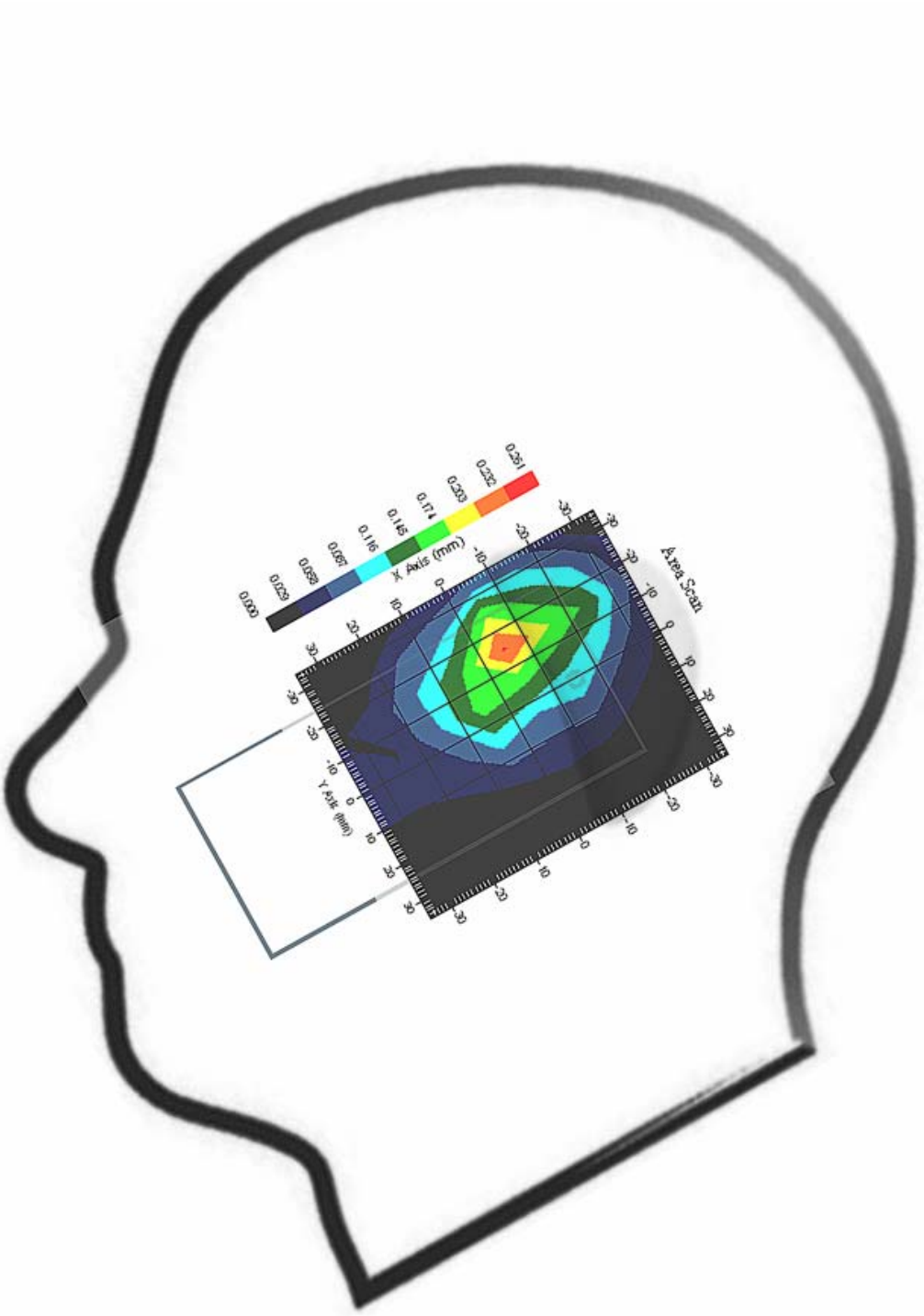
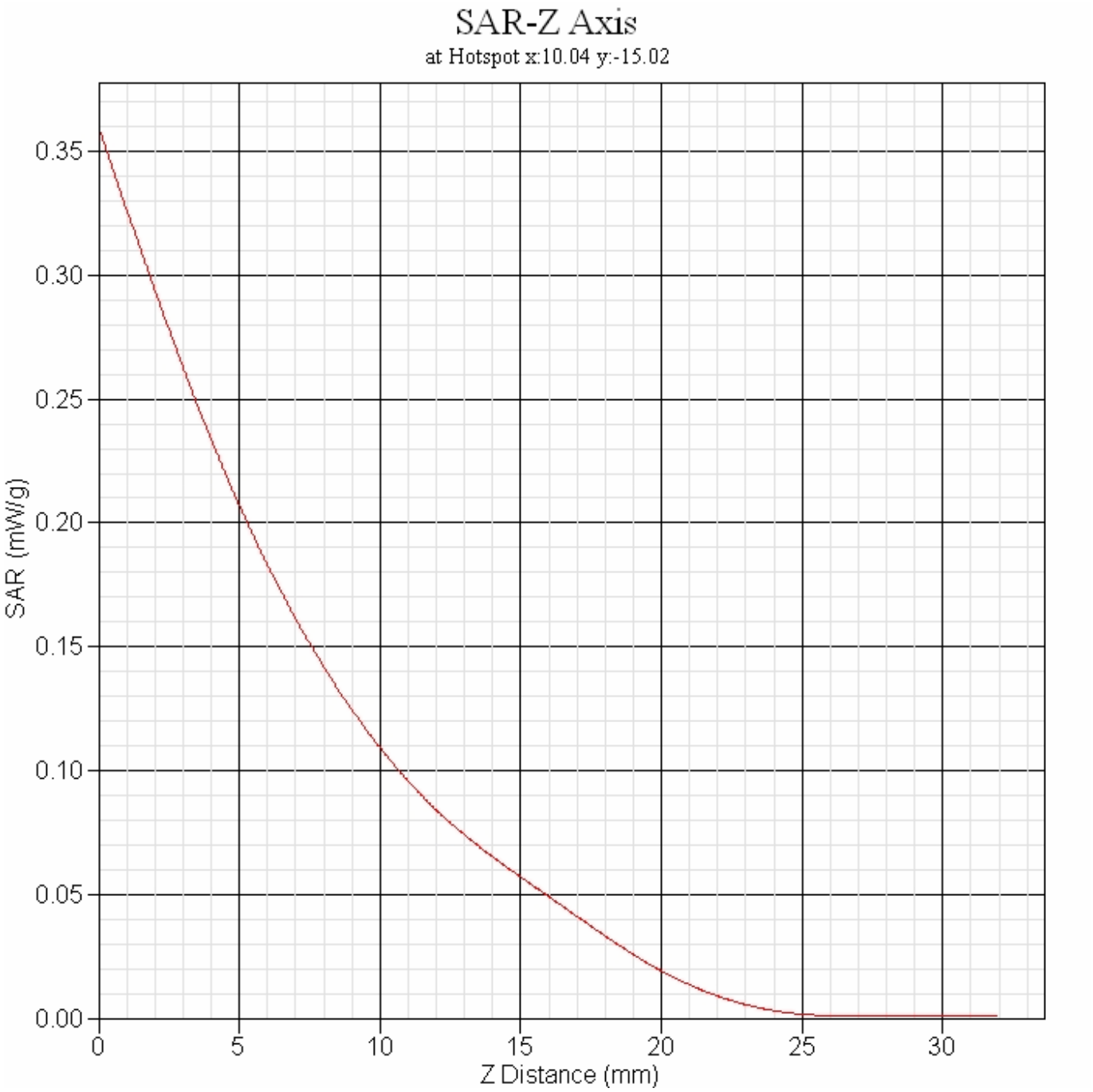
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.7
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 8:54:51 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Mid



1 gram SAR value : 0.166 W/kg
10 gram SAR value : 0.076 W/kg
Area Scan Peak SAR : 0.235 W/kg
Zoom Scan Peak SAR : 0.360 W/kg


SAR-Z Axis
at Hotspot x:10.04 y:-15.02
SAR (mW/g)
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
25
30
Z Distance (mm)

```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  09:53:13 AM
End Time         : 16-Dec-2011  10:14:31 AM
Scanning Time    : 1278 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : 15° Tilt
Power Drift-Start : 0.108 W/kg
Power Drift-Finish: 0.114 W/kg
Power Drift (%)   : 5.814
Picture          :

Phantom Data
Name            : APREL-SAM Right Ear
Type            : SAM-Right
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Right
Description      : r

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 38.27 F/m
Sigma           : 1.36 S/m
Density         : 1000.00 kg/cu. m
```

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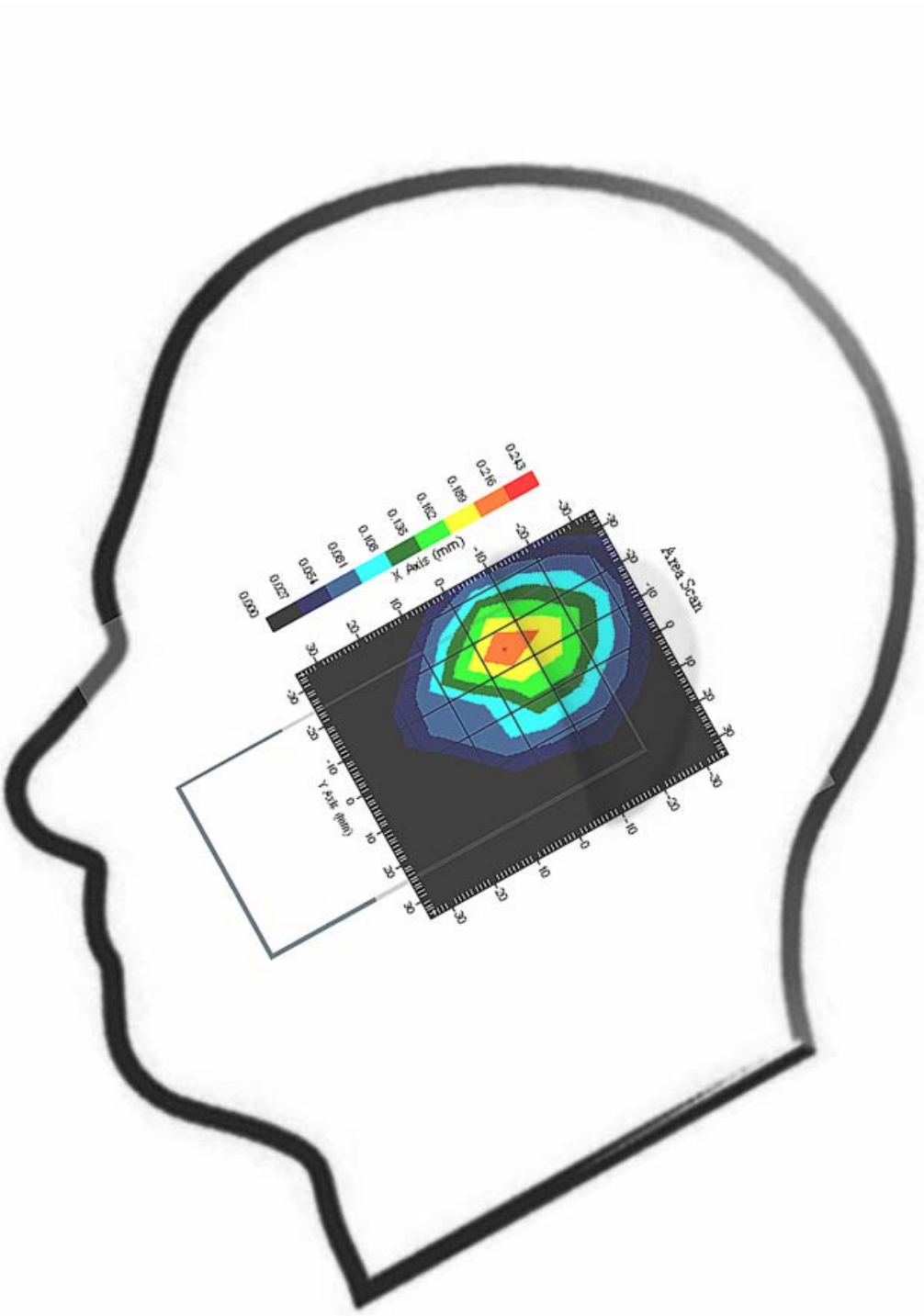
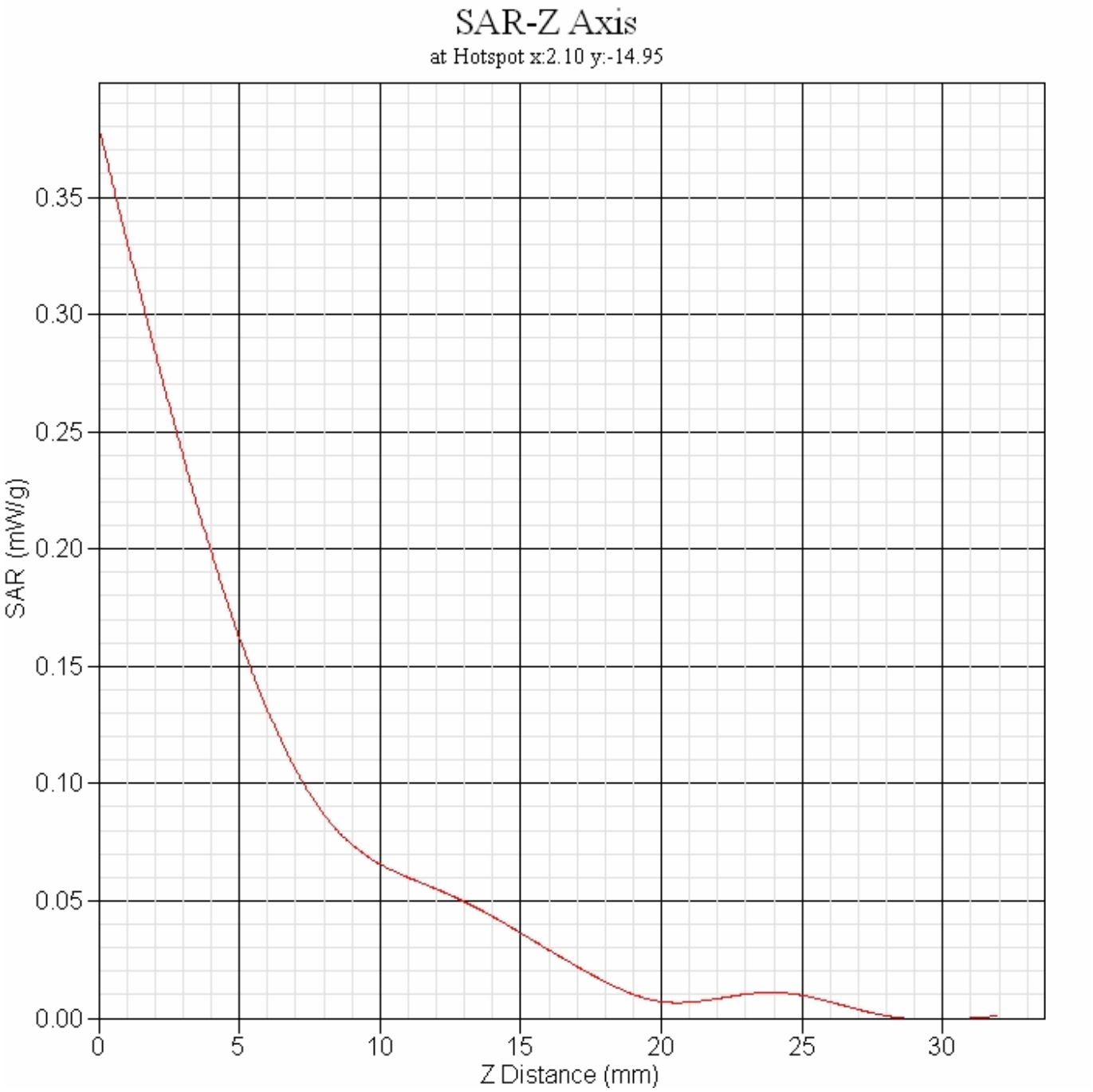
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.7
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 9:53:06 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : 15° Tilt
Separation : 0
Channel : Mid



1 gram SAR value : 0.182 W/kg
10 gram SAR value : 0.087 W/kg
Area Scan Peak SAR : 0.219 W/kg
Zoom Scan Peak SAR : 0.380 W/kg

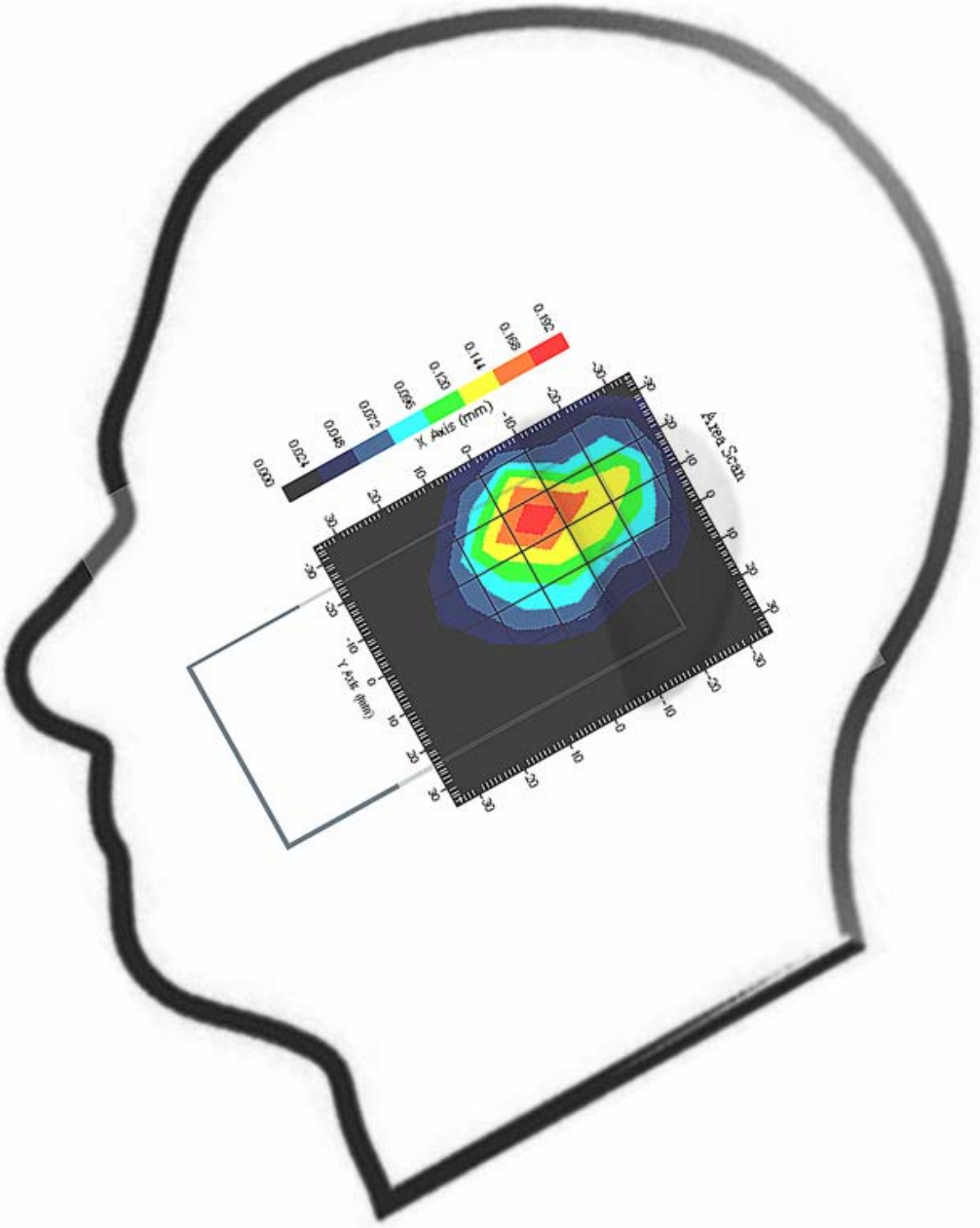

SAR-Z Axis
at Hotspot x:2.10 y:-14.95
SAR (mW/g)
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
25
30
Z Distance (mm)

```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  11:40:34 AM
End Time         : 16-Dec-2011  12:02:39 PM
Scanning Time    : 1325 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : 15° Tilt
Power Drift-Start : 0.102 W/kg
Power Drift-Finish: 0.095 W/kg
Power Drift (%)   : -4.462
Picture          :

Phantom Data
Name            : APREL-SAM Right Ear
Type            : SAM-Right
Size (mm)        : 280 x 280 x 280
Serial No.       : User Define
Location        : Right
Description      : r

Tissue Data
Type            : HEAD
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 38.27 F/m
Sigma           : 1.36 S/m
Density         : 1000.00 kg/cu. m
```

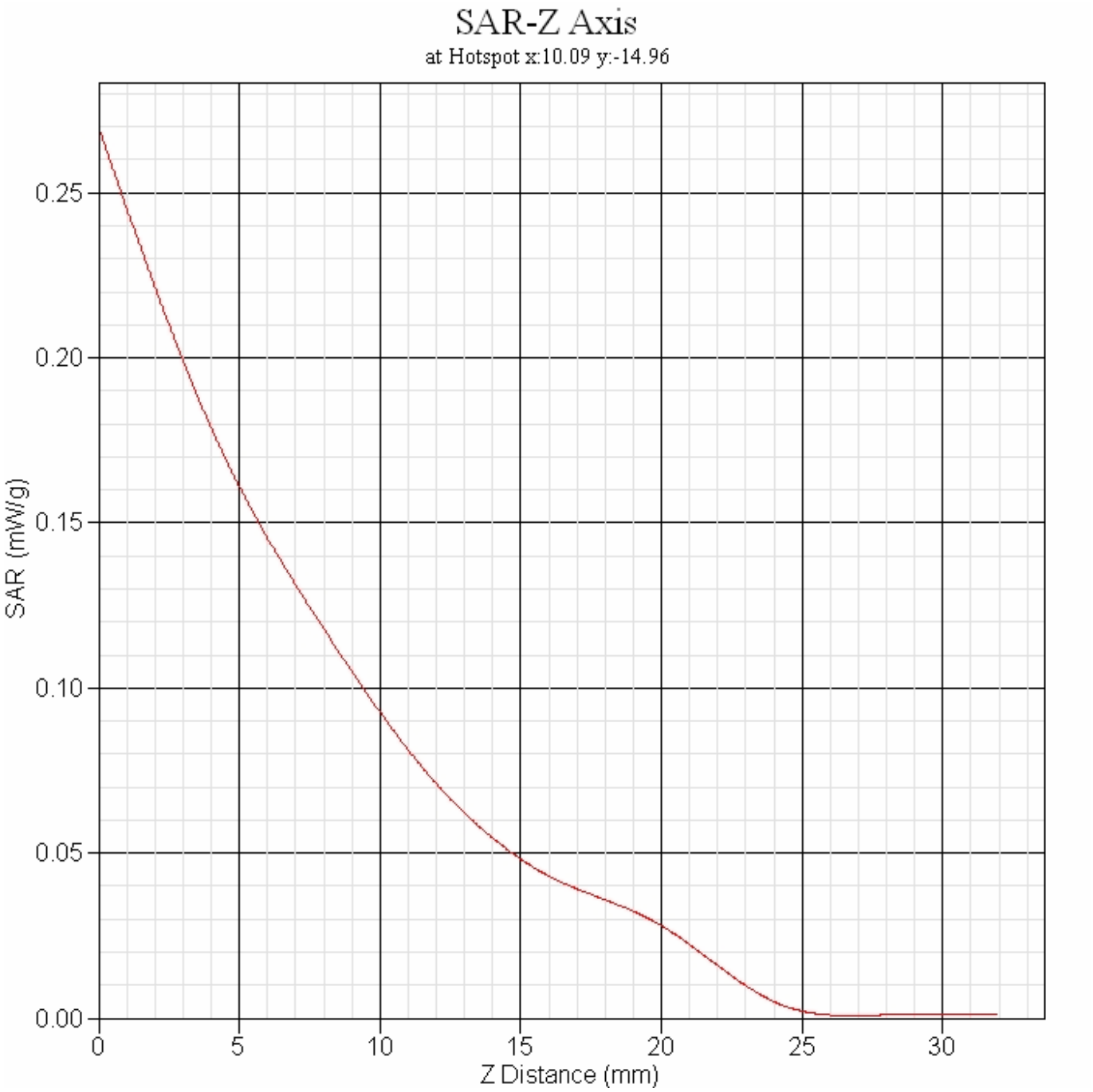
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.7
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 11:38:45 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : 15° Tilt
Separation : 0
Channel : Low



1 gram SAR value : 0.145 W/kg
10 gram SAR value : 0.064 W/kg
Area Scan Peak SAR : 0.190 W/kg
Zoom Scan Peak SAR : 0.270 W/kg


SAR-Z Axis
at Hotspot x:10.09 y:-14.96
SAR (mW/g)
0.25
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
25
30
Z Distance (mm)

Report Date : 16-Dec-2011
By Operator : 123
Measurement Date : 16-Dec-2011
Starting Time : 16-Dec-2011 12:06:23 PM
End Time : 16-Dec-2011 12:28:21 PM
Scanning Time : 1318 secs

Product Data
Device Name : AEG S40
Serial No. : 123
Type : Std Form Cell Phone
Model : 123
Frequency : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 107 mm
Width : 50 mm
Depth : 11 mm
Antenna Type : Internal
Orientation : 15° Tilt
Power Drift-Start : 0.092 W/kg
Power Drift-Finish: 0.164 W/kg
Power Drift (%) : 3.296
Picture :

Phantom Data
Name : APREL-SAM Right Ear
Type : SAM-Right
Size (mm) : 280 x 280 x 280
Serial No. : User Define
Location : Right
Description : r

Tissue Data
Type : HEAD
Serial No. : IAC Tissue - 1900
Frequency : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 54.00 RH%
Epsilon : 38.27 F/m
Sigma : 1.36 S/m
Density : 1000.00 kg/cu. m

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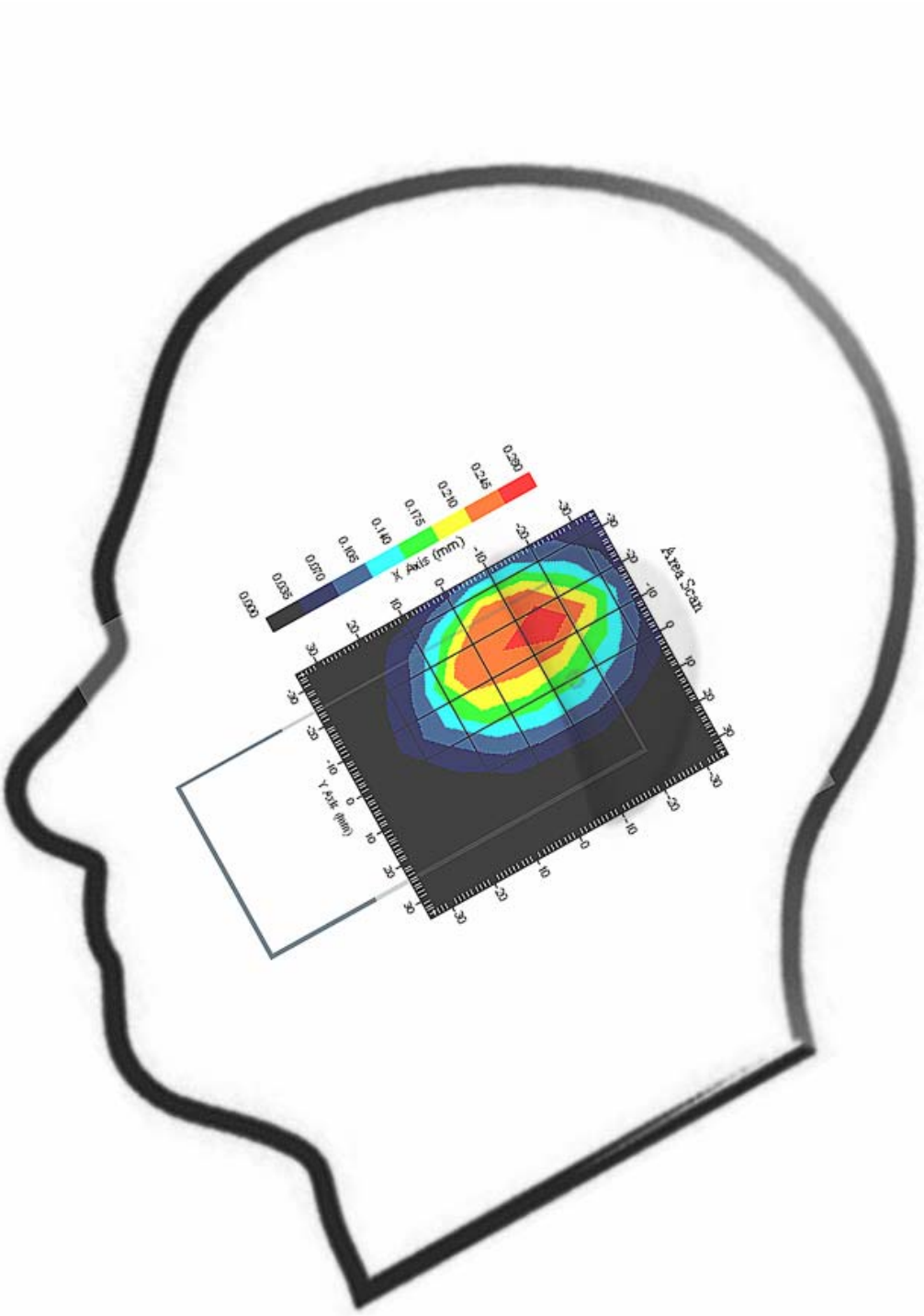
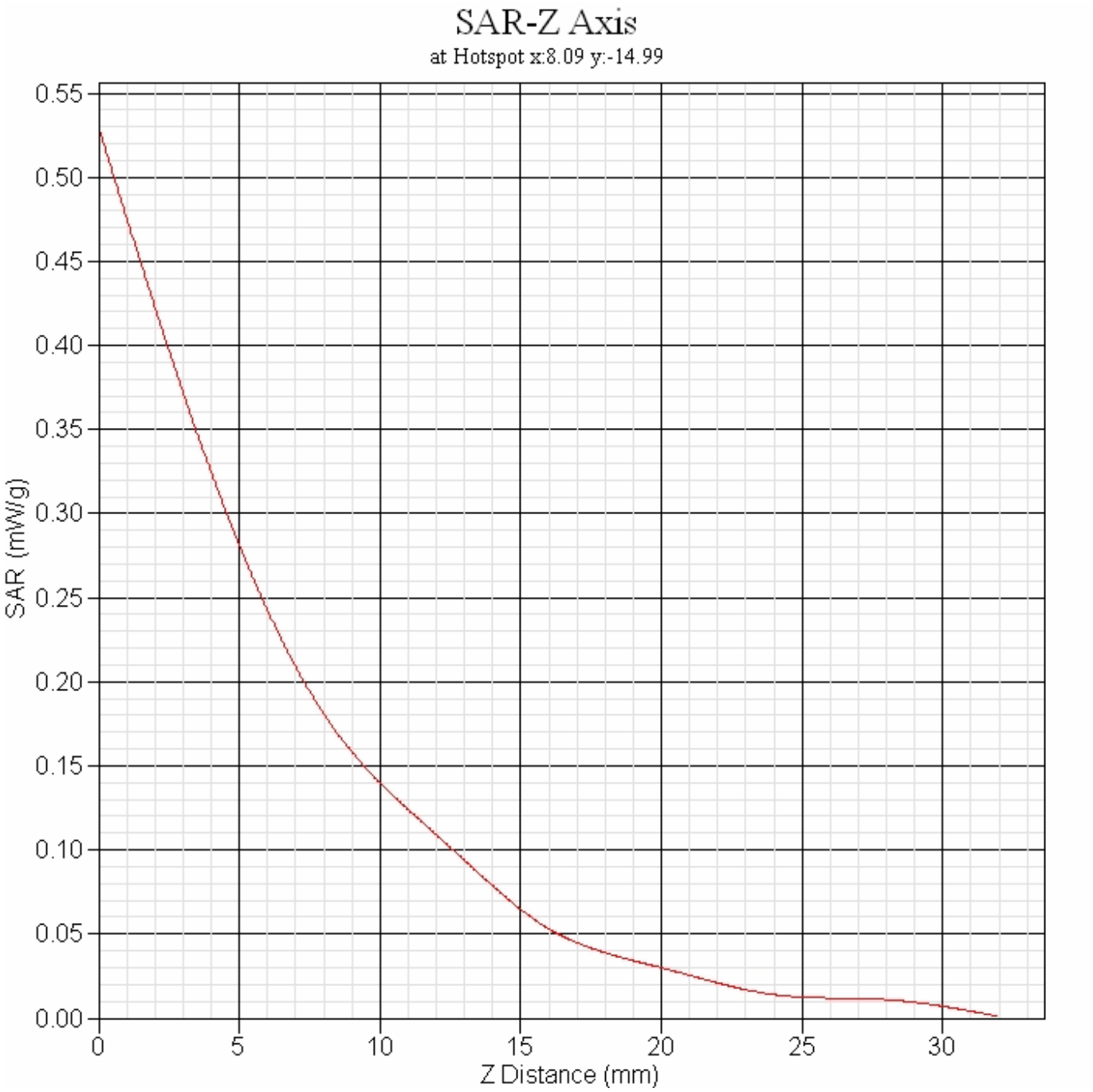
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.7
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 11:38:45 AM
Area Scan : 8x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : 15° Tilt
Separation : 0
Channel : High



1 gram SAR value : 0.267 W/kg
10 gram SAR value : 0.126 W/kg
Area Scan Peak SAR : 0.280 W/kg
Zoom Scan Peak SAR : 0.530 W/kg

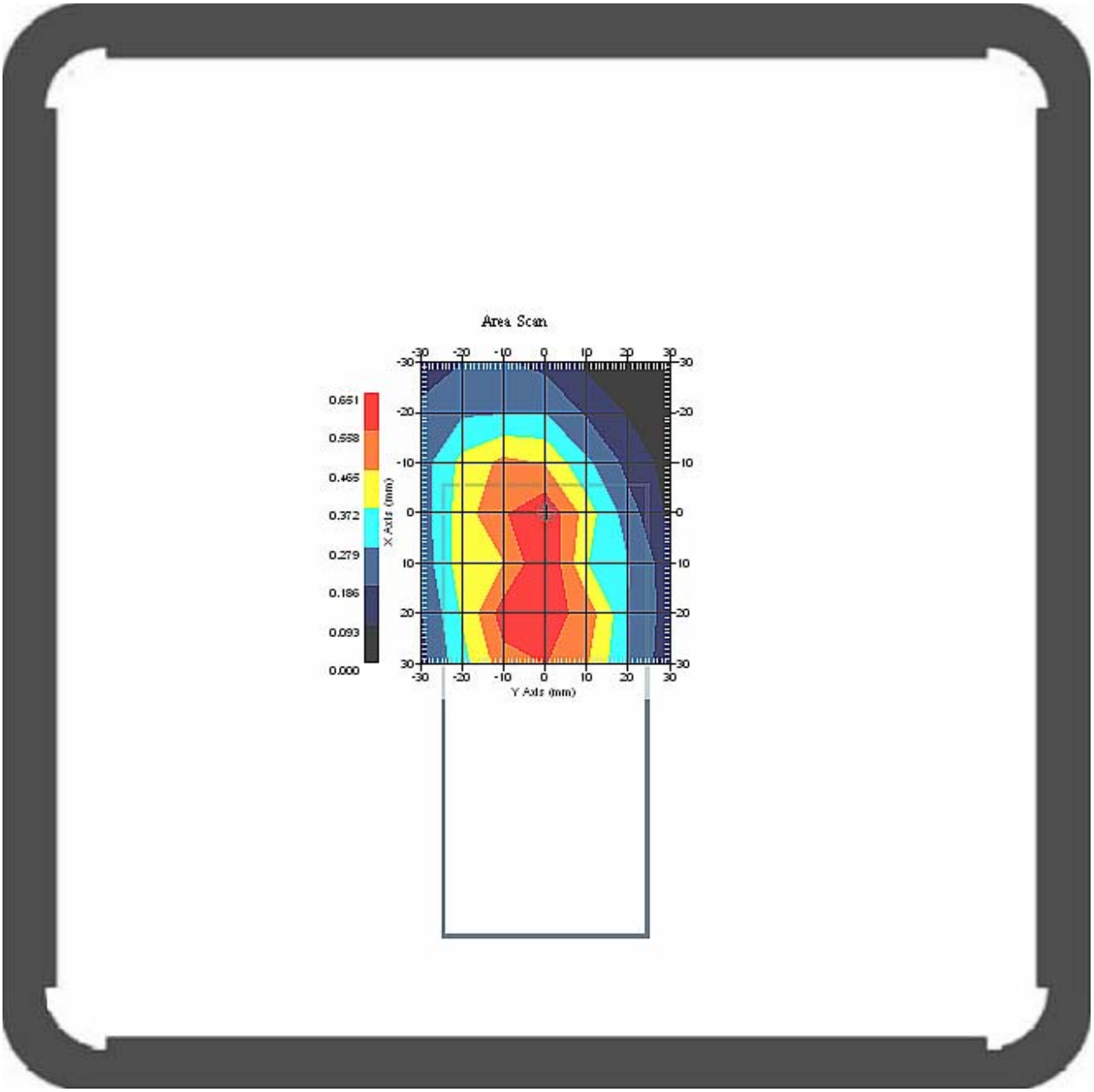

SAR-Z Axis
at Hotspot x:8.09 y:-14.99
SAR (mW/g)
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
25
30
Z Distance (mm)

```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  01:53:16 PM
End Time         : 16-Dec-2011  02:11:43 PM
Scanning Time    : 1107 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.434 W/kg
Power Drift-Finish: 0.438 W/kg
Power Drift (%)   : 1.054
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 835
Frequency        : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 53.00 RH%
Epsilon         : 51.65 F/m
Sigma           : 0.97 S/m
Density         : 1000.00 kg/cu. m
```

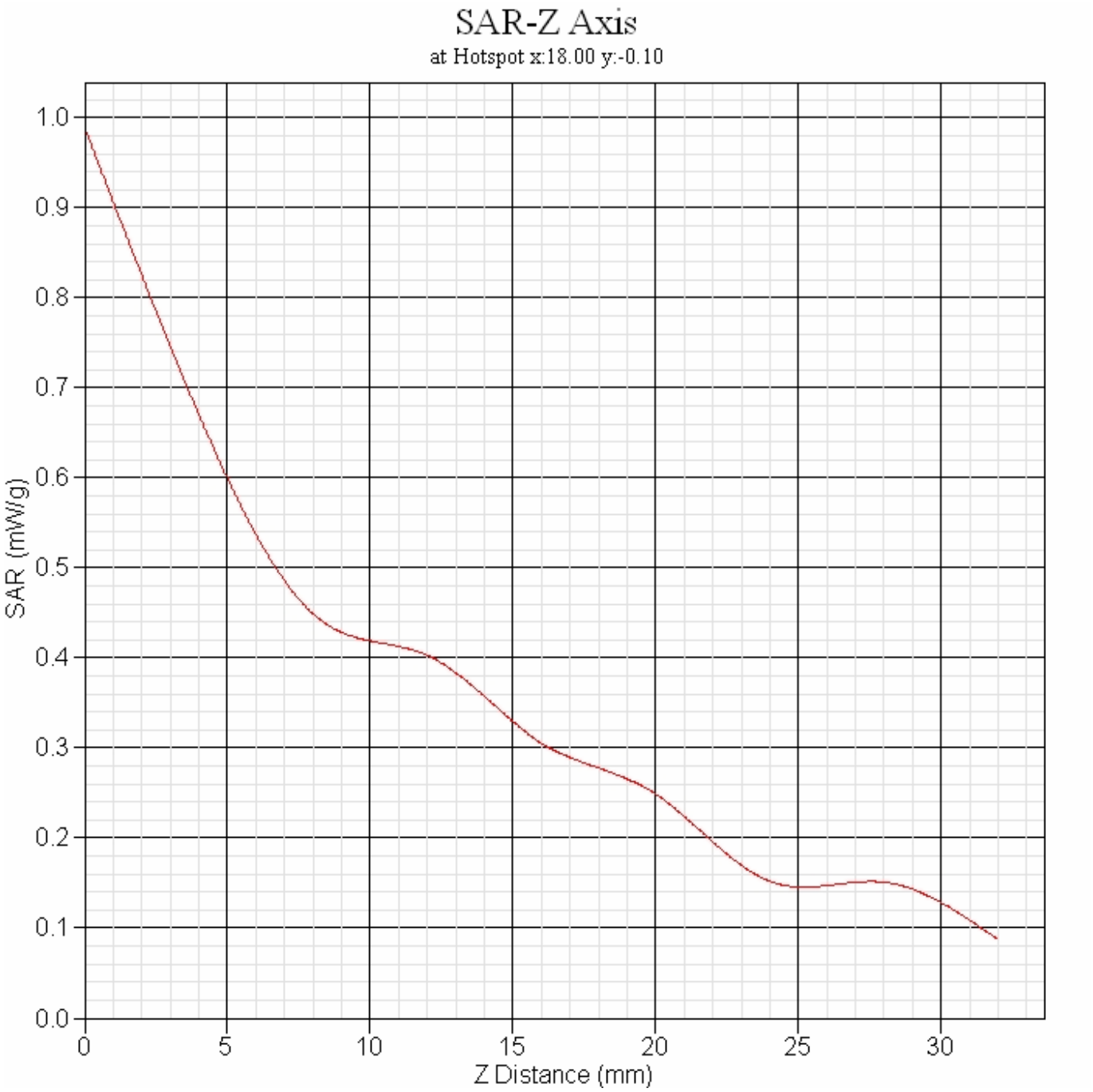
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 1:34:57 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : Mid



1 gram SAR value : 0.587 W/kg
10 gram SAR value : 0.384 W/kg
Area Scan Peak SAR : 0.649 W/kg
Zoom Scan Peak SAR : 0.990 W/kg


SAR-Z Axis
at Hotspot x:18.00 y:-0.10
SAR (mW/g)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
Z Distance (mm)

```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  02:27:11 PM
End Time         : 16-Dec-2011  02:45:17 PM
Scanning Time    : 1086 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.351 W/kg
Power Drift-Finish: 0.376 W/kg
Power Drift (%)   : 3.117
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 835
Frequency        : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 53.00 RH%
Epsilon         : 51.65 F/m
Sigma           : 0.97 S/m
Density         : 1000.00 kg/cu. m
```

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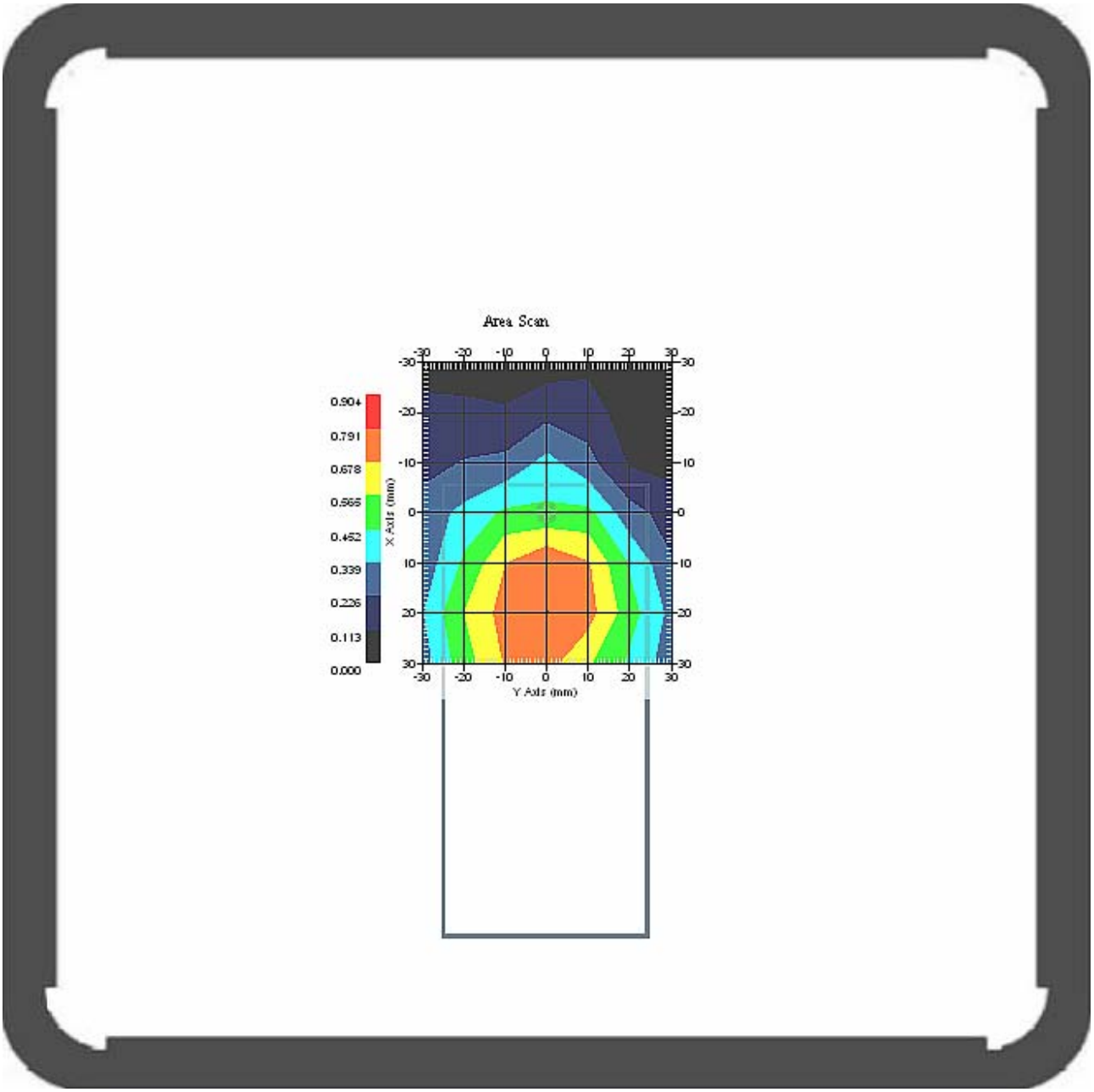
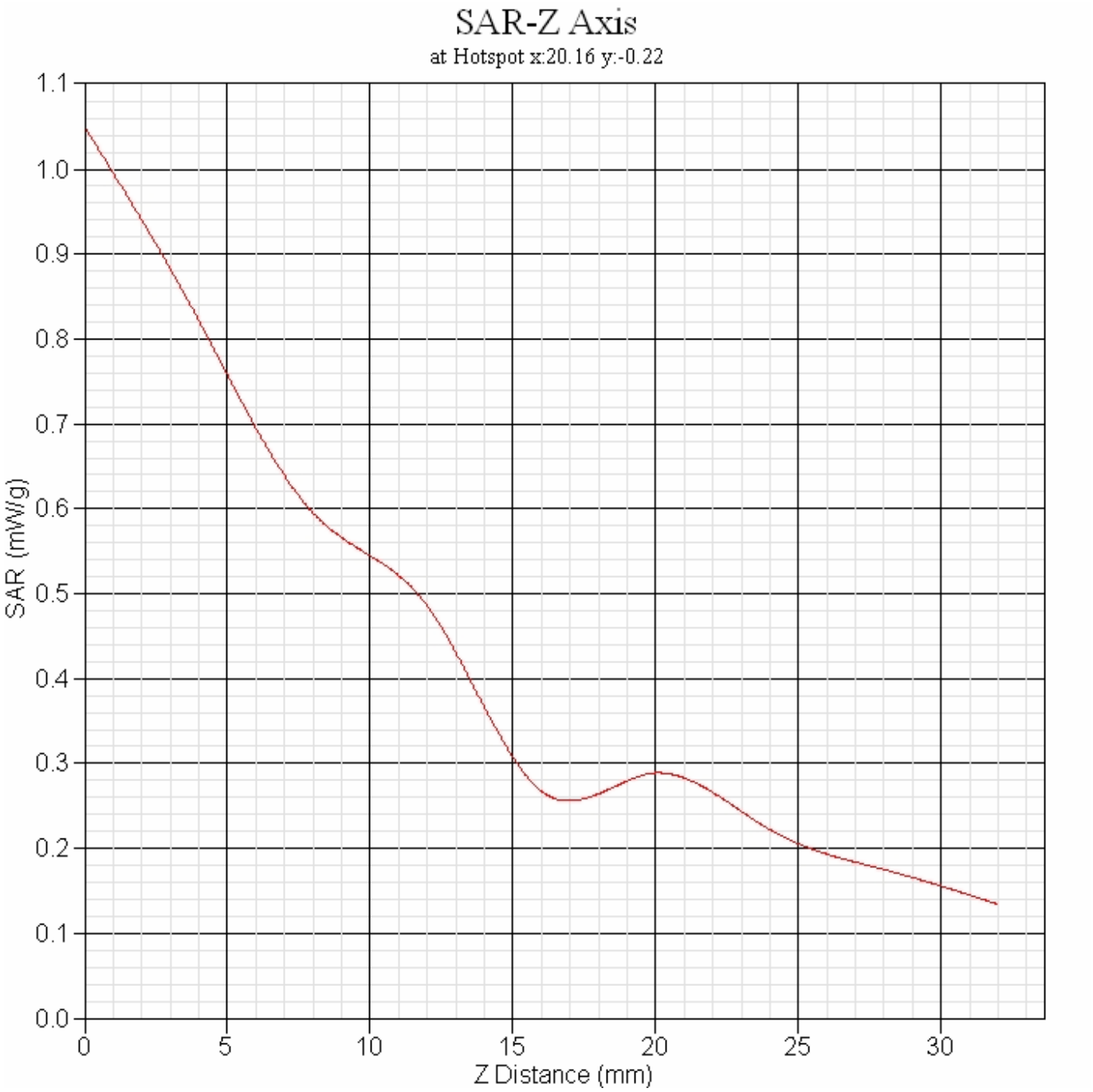
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 1:34:57 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : Mid




```
1 gram SAR value   : 0.658 W/kg
10 gram SAR value  : 0.425 W/kg
Area Scan Peak SAR : 0.793 W/kg
Zoom Scan Peak SAR : 1.050 W/kg
```


SAR-Z Axis
at Hotspot x:20.16 y:-0.22
SAR (mW/g)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
Z Distance (mm)

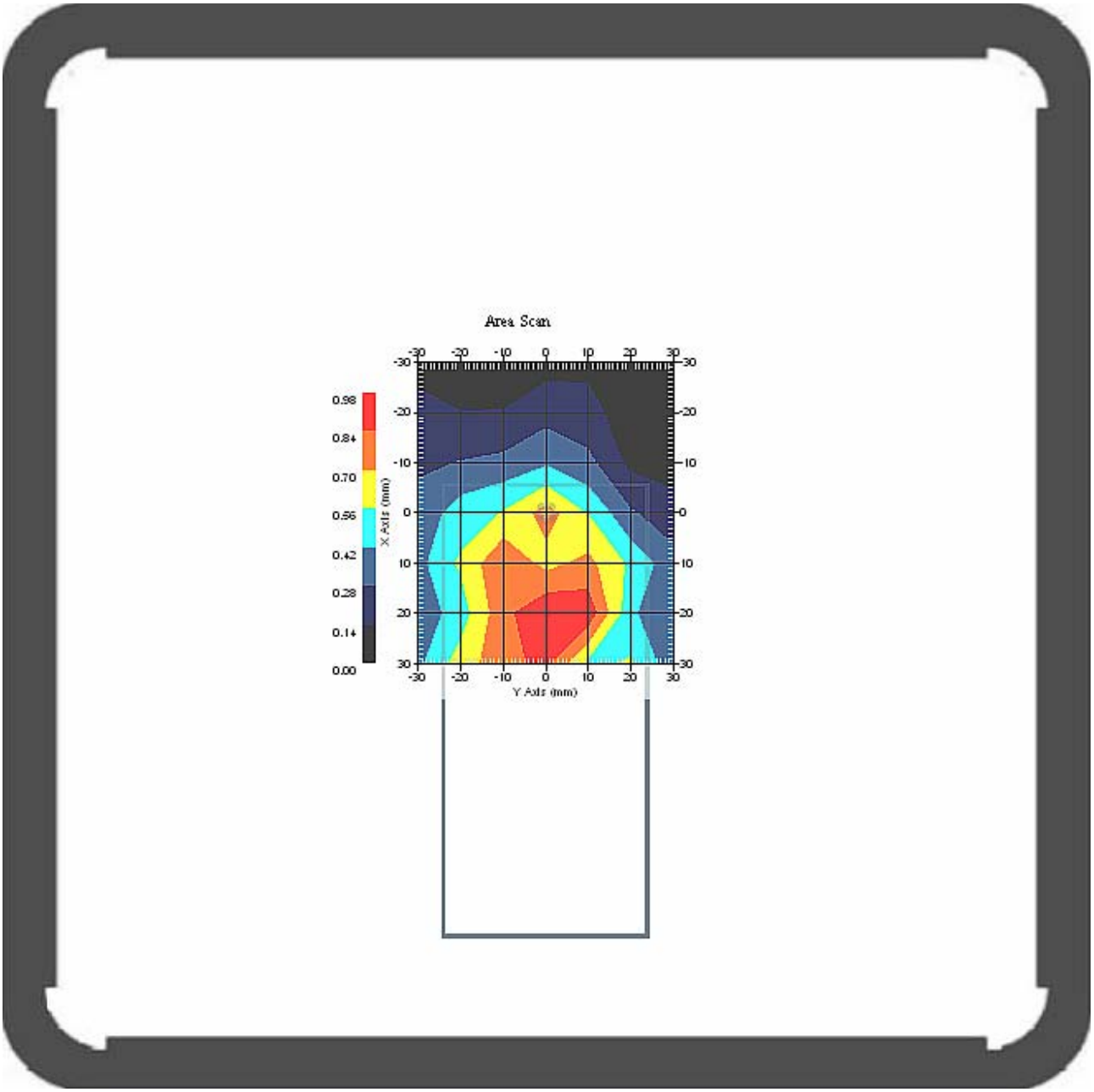
```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  02:47:32 PM
End Time         : 16-Dec-2011  03:14:59 PM
Scanning Time    : 1647 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.365 W/kg
Power Drift-Finish: 0.453 W/kg
Power Drift (%)   : 3.888
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 835
Frequency        : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 53.00 RH%
Epsilon         : 51.65 F/m
Sigma           : 0.97 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

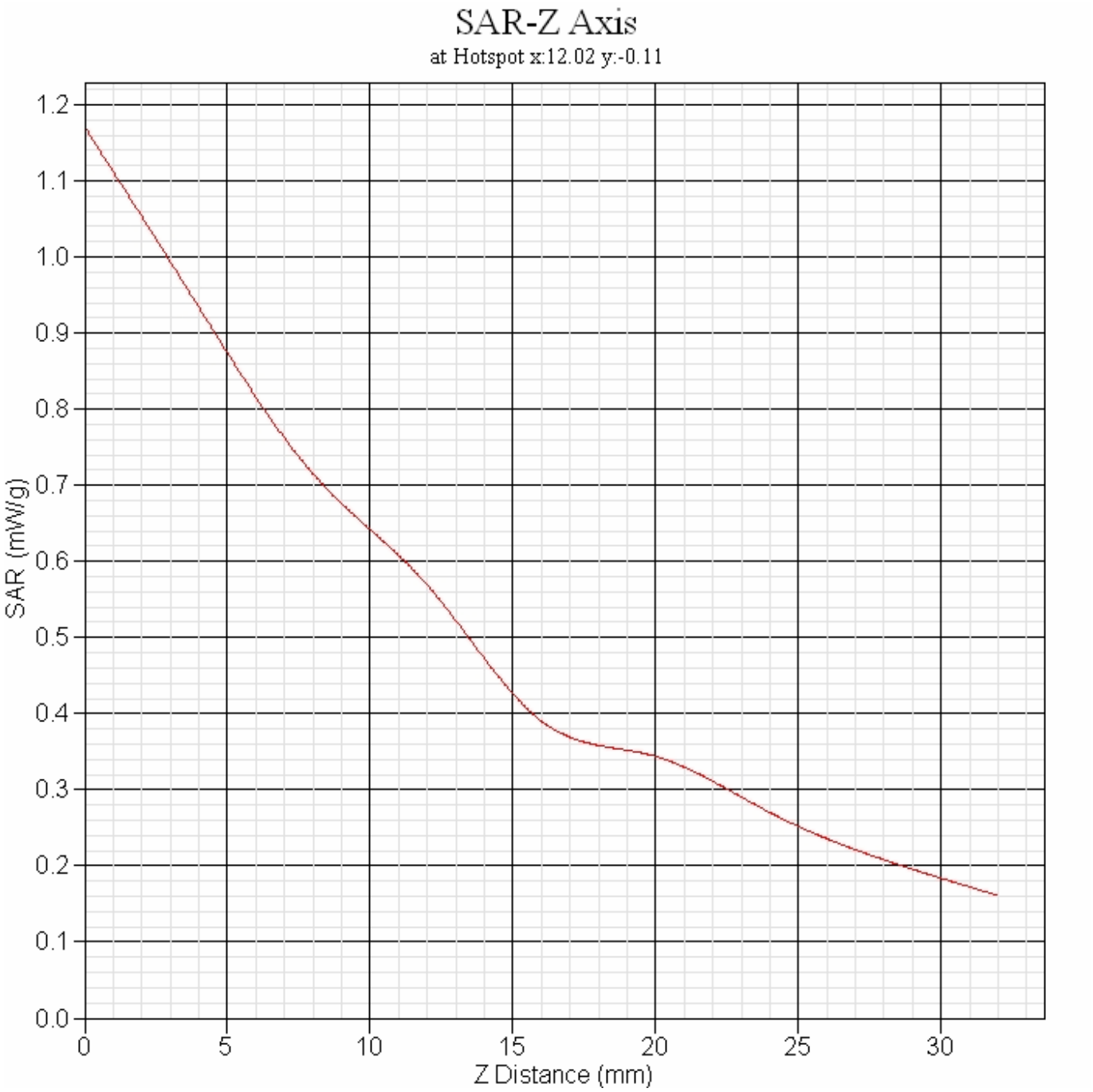
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 1:34:57 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : Low



1 gram SAR value : 0.886 W/kg
10 gram SAR value : 0.574 W/kg
Area Scan Peak SAR : 0.978 W/kg
Zoom Scan Peak SAR : 1.171 W/kg


SAR-Z Axis
at Hotspot x:12.02 y:-0.11
SAR (mW/g)
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
Z Distance (mm)

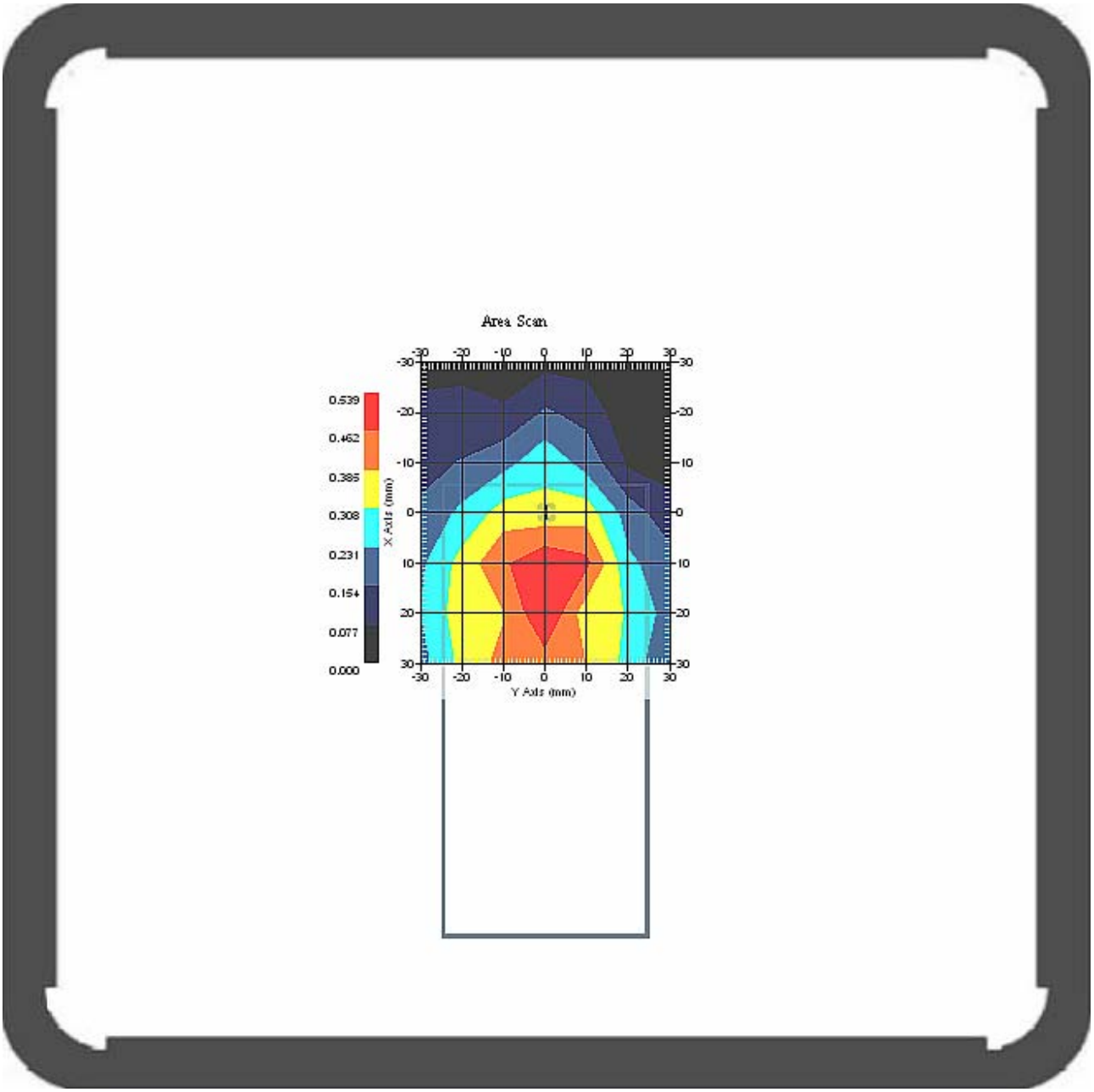
```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  03:19:02 PM
End Time         : 16-Dec-2011  03:38:01 PM
Scanning Time    : 1139 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 850.00 MHz
Max. Transmit Pwr : 2 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.289 W/kg
Power Drift-Finish: 0.298 W/kg
Power Drift (%)   : 2.925
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 835
Frequency        : 835.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 53.00 RH%
Epsilon         : 51.65 F/m
Sigma           : 0.97 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

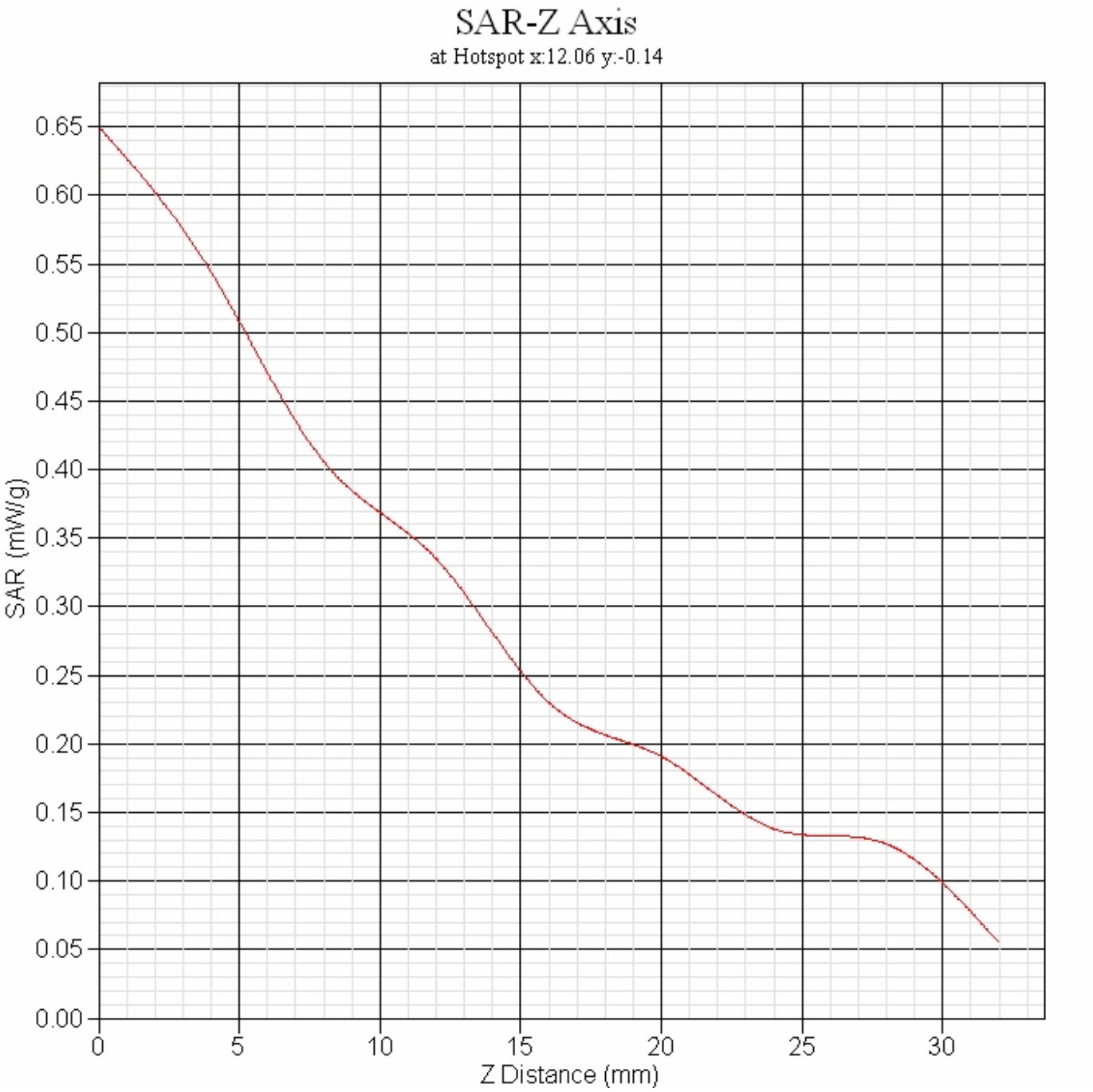
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 850.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 6.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 1:34:57 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : High



1 gram SAR value : 0.531 W/kg
10 gram SAR value : 0.335 W/kg
Area Scan Peak SAR : 0.536 W/kg
Zoom Scan Peak SAR : 0.650 W/kg


SAR-Z Axis
at Hotspot x:12.06 y:-0.14
SAR (mW/g)
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
25
30
Z Distance (mm)

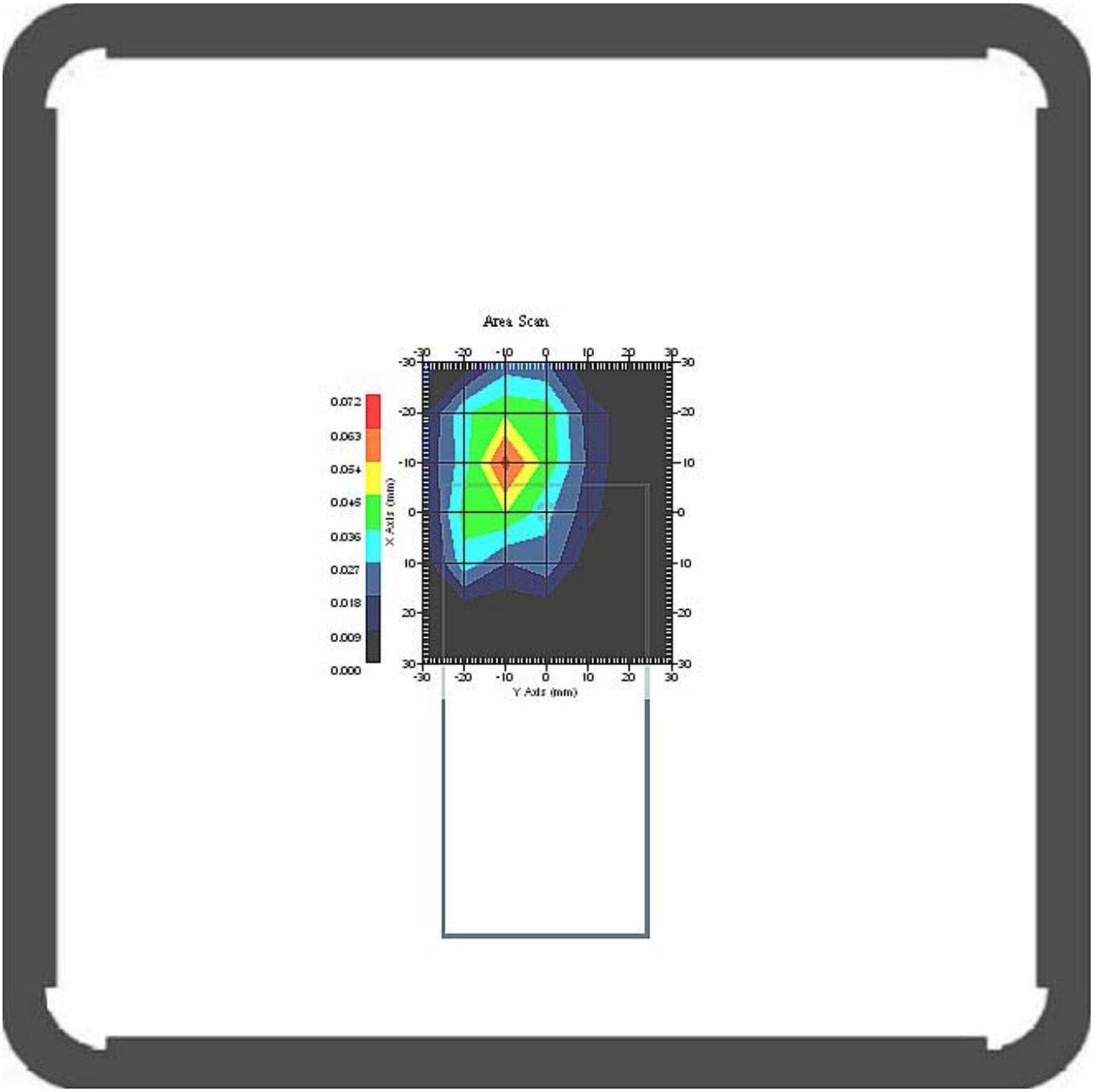
```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  05:06:46 PM
End Time         : 16-Dec-2011  05:25:34 PM
Scanning Time    : 1128 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.044 W/kg
Power Drift-Finish: 0.045 W/kg
Power Drift (%)   : 2.889
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 50.53 F/m
Sigma           : 1.56 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

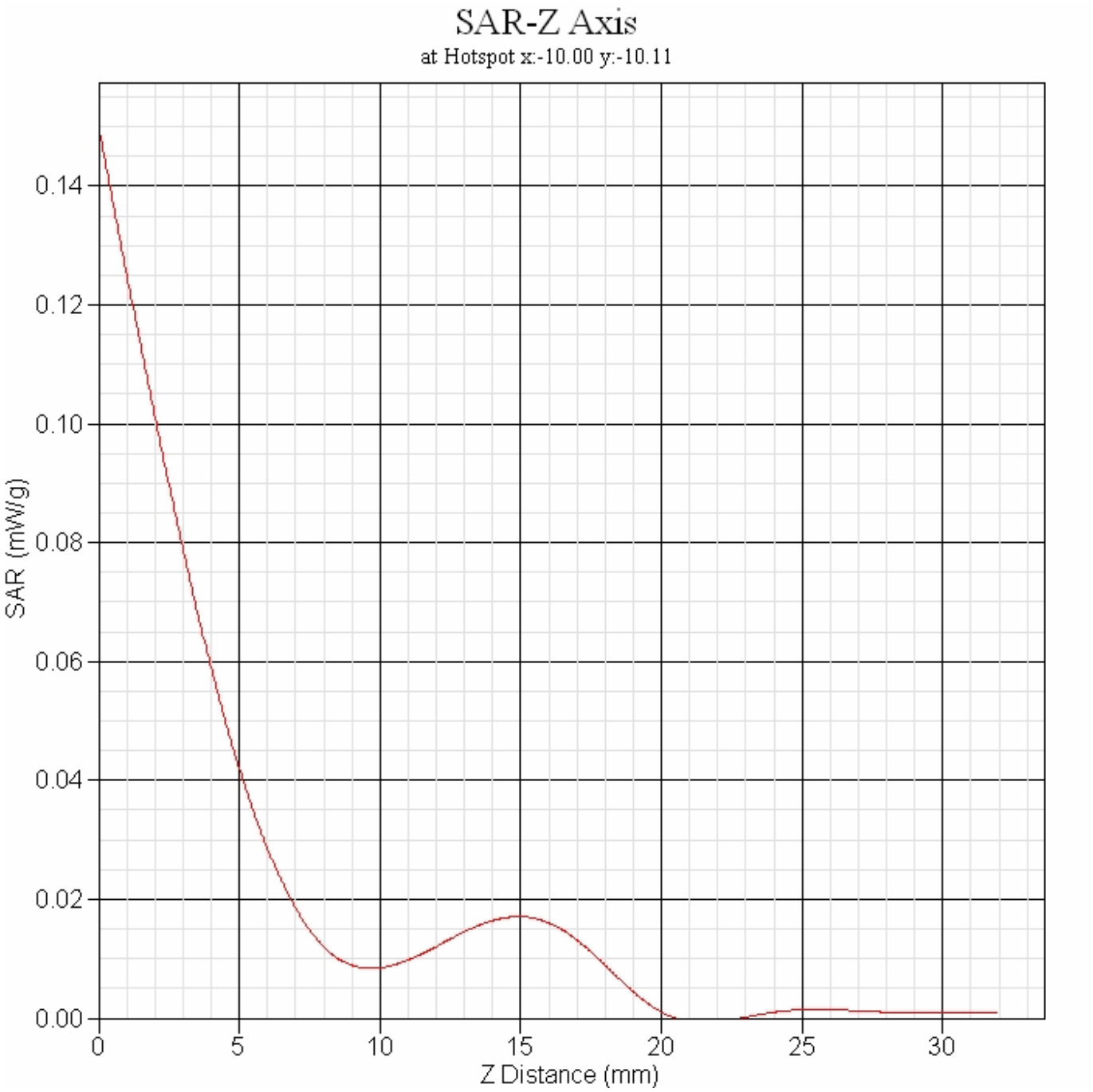
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 3:58:46 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : Mid




```
1 gram SAR value   : 0.041 W/kg
10 gram SAR value  : 0.015 W/kg
Area Scan Peak SAR : 0.066 W/kg
Zoom Scan Peak SAR : 0.150 W/kg
```


SAR-Z Axis
at Hotspot x:-10.00 y:-10.11
SAR (mW/g)
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
5
10
15
20
25
30
Z Distance (mm)

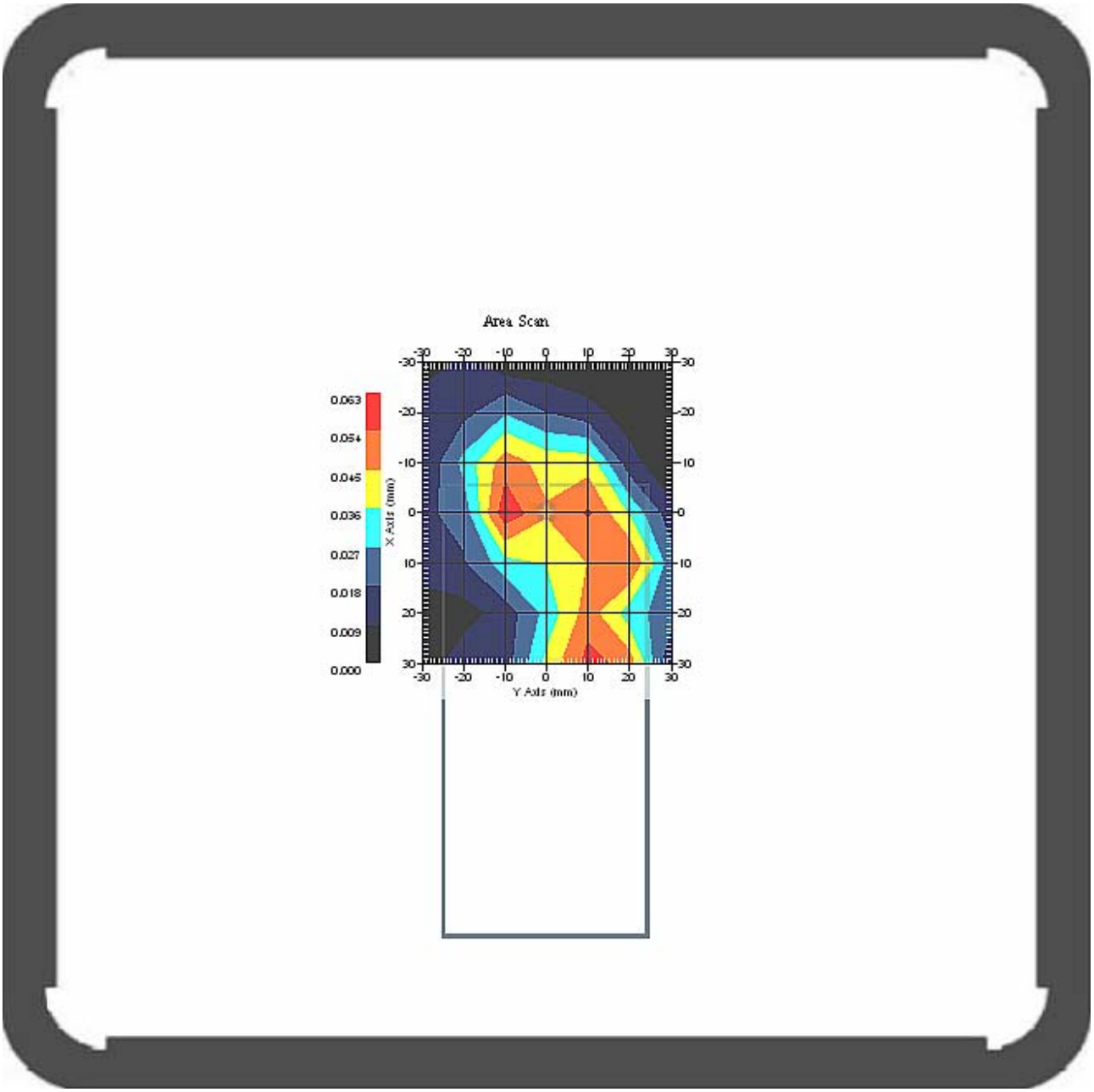
```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  05:27:46 PM
End Time         : 16-Dec-2011  06:07:10 PM
Scanning Time    : 2364 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.048 W/kg
Power Drift-Finish: 0.041 W/kg
Power Drift (%)   : -1.670
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 50.53 F/m
Sigma           : 1.56 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

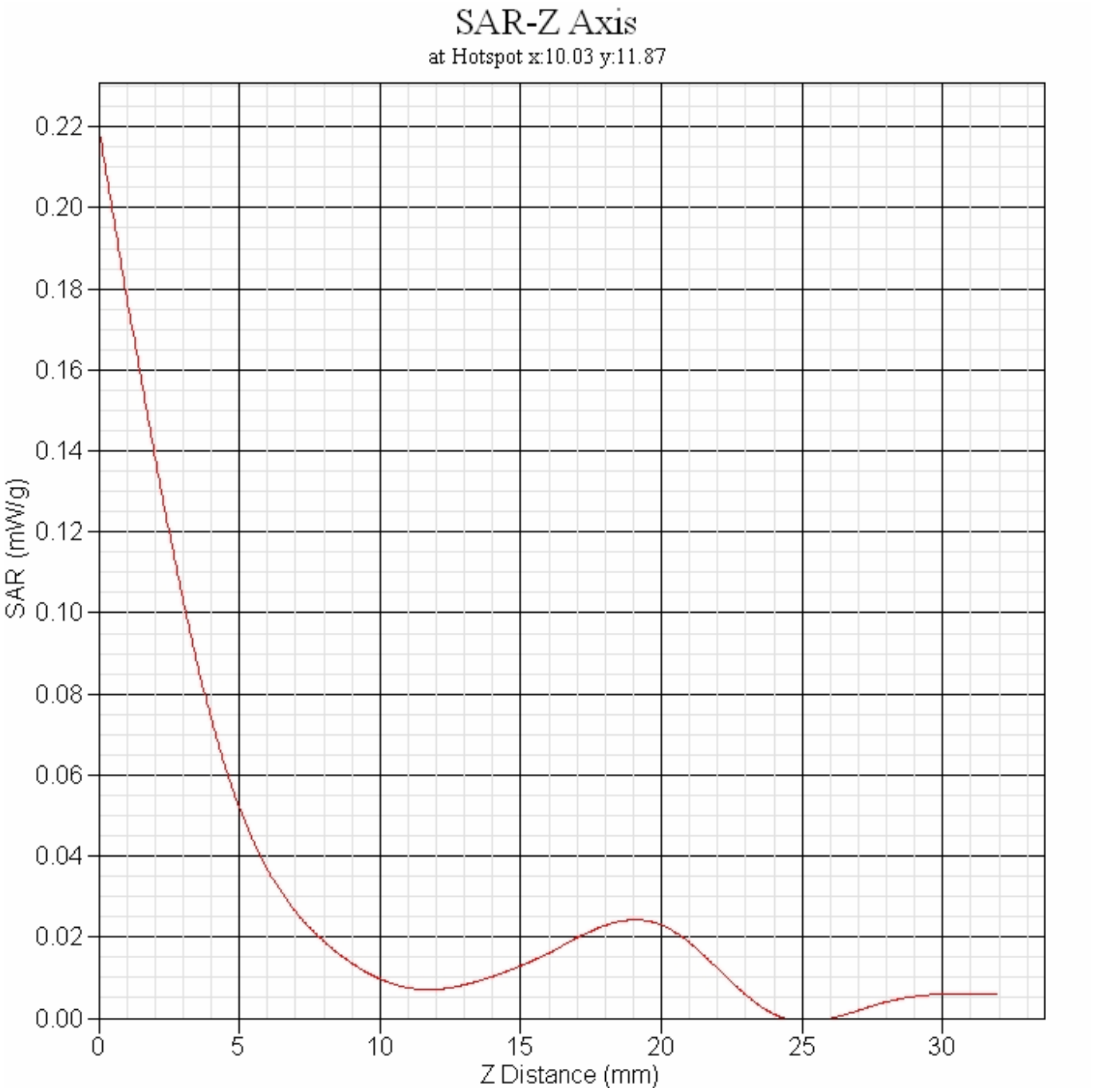
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 5:27:41 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : Mid



1 gram SAR value : 0.072 W/kg
10 gram SAR value : 0.031 W/kg
Area Scan Peak SAR : 0.060 W/kg
Zoom Scan Peak SAR : 0.220 W/kg

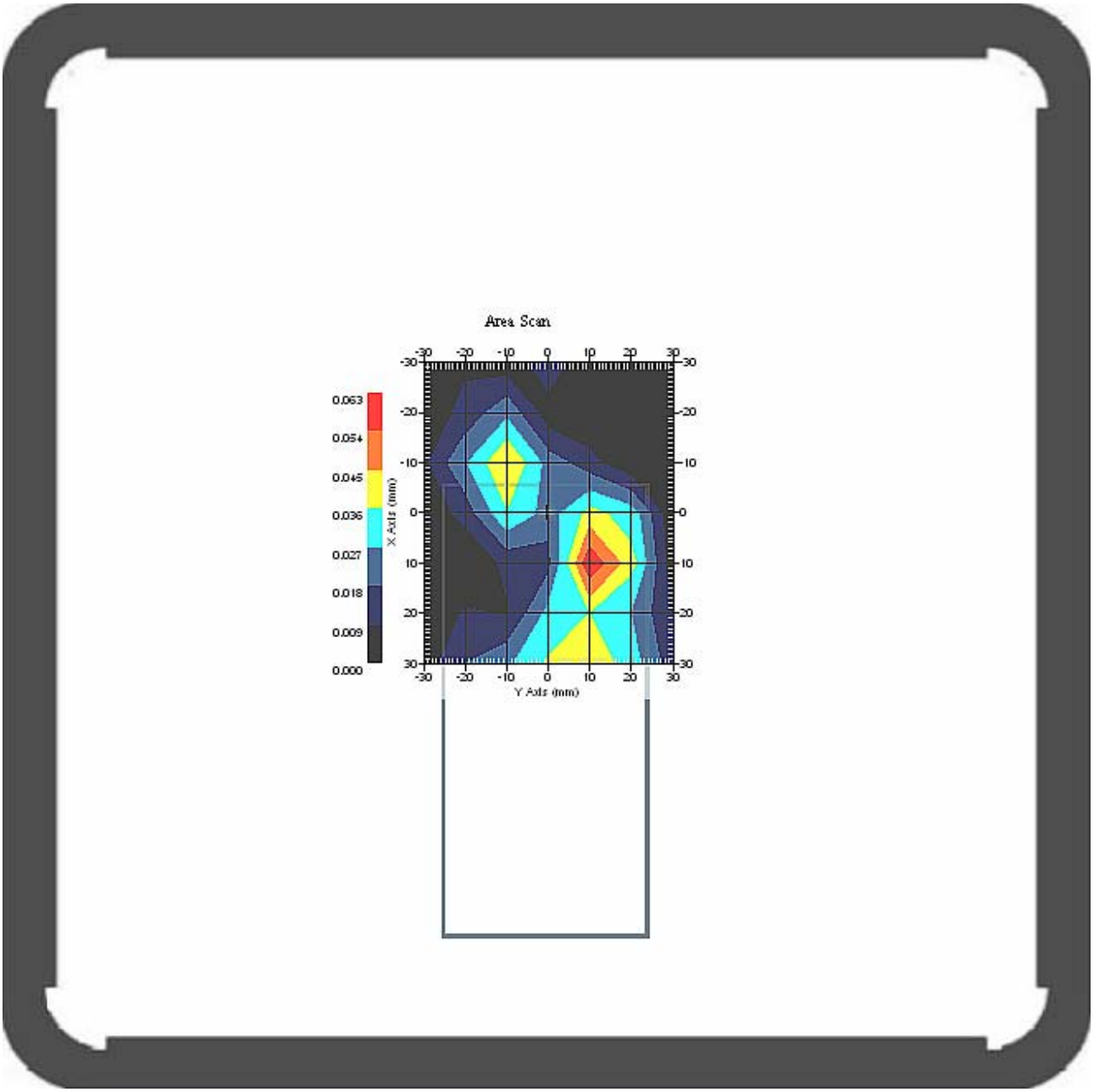

SAR-Z Axis
at Hotspot x:10.03 y:11.87
SAR (mW/g)
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
5
10
15
20
25
30
Z Distance (mm)

```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  06:10:19 PM
End Time         : 16-Dec-2011  06:29:29 PM
Scanning Time    : 1150 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.030 W/kg
Power Drift-Finish: 0.032 W/kg
Power Drift (%)   : 1.203
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 50.53 F/m
Sigma           : 1.56 S/m
Density         : 1000.00 kg/cu. m
```

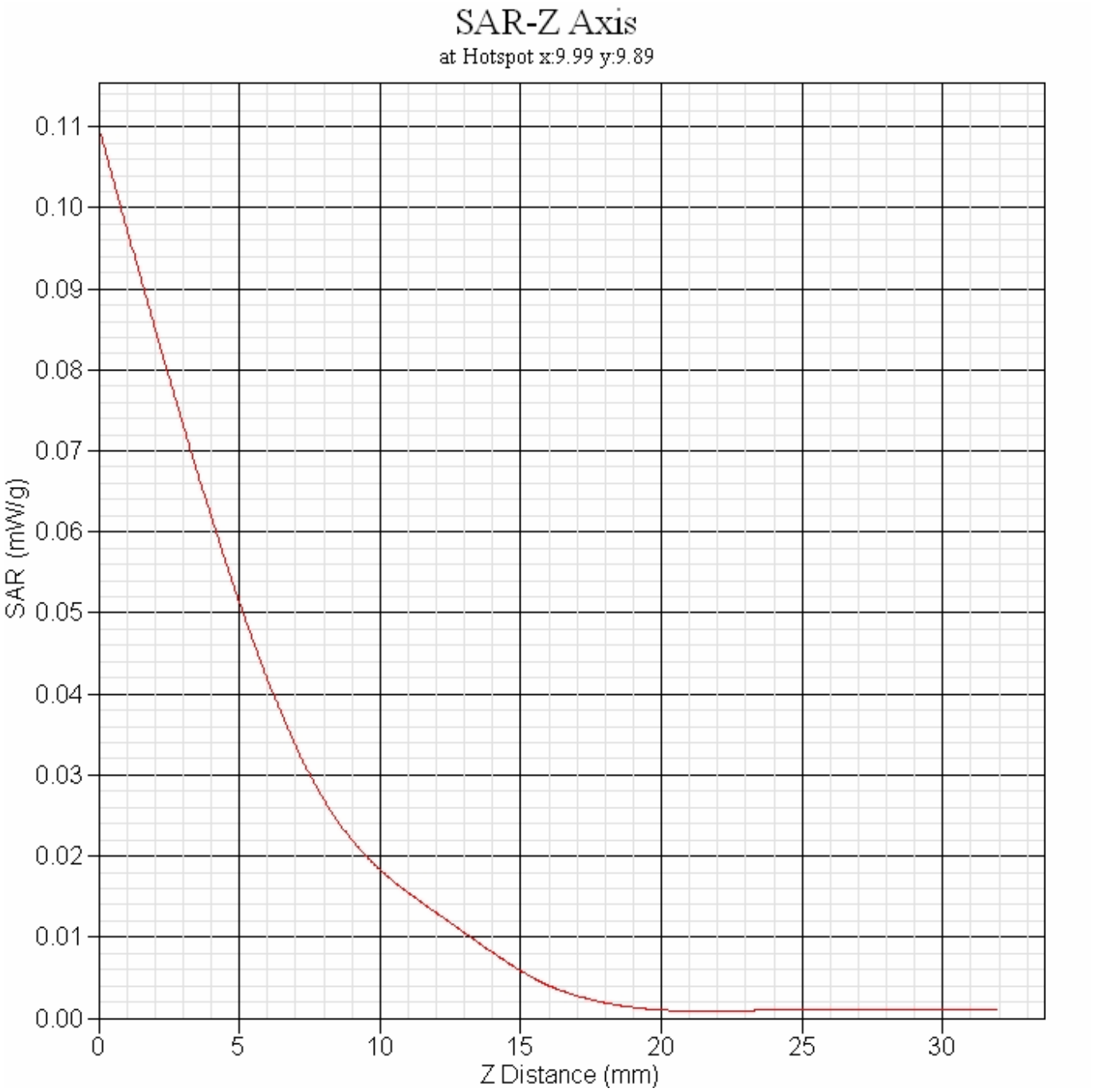
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 5:27:41 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : Mid



1 gram SAR value : 0.045 W/kg
10 gram SAR value : 0.024 W/kg
Area Scan Peak SAR : 0.062 W/kg
Zoom Scan Peak SAR : 0.110 W/kg


SAR-Z Axis
at Hotspot x:9.99 y:9.89
SAR (mW/g)
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
25
30
Z Distance (mm)

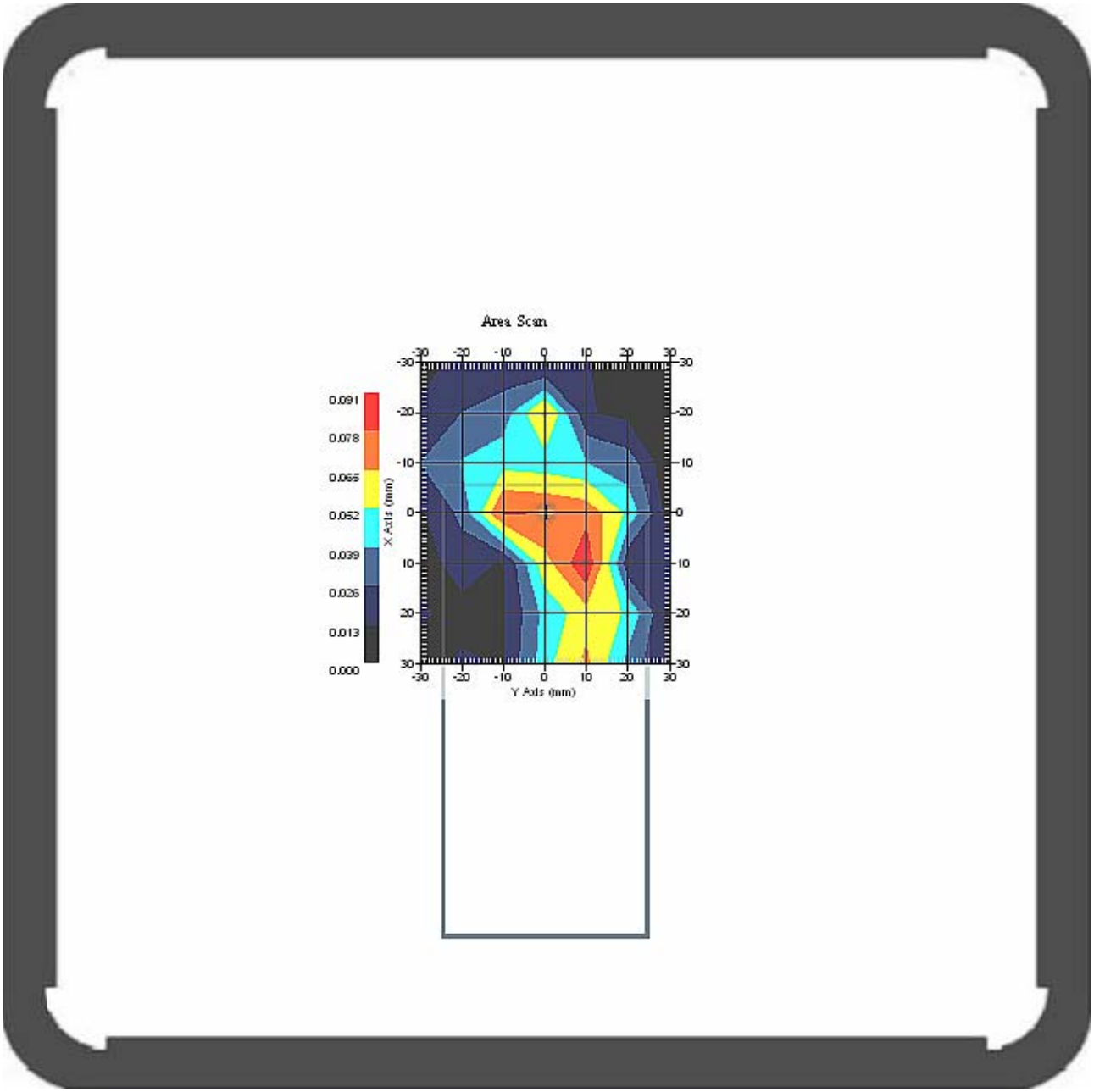
```
Report Date      : 16-Dec-2011
By Operator      : 123
Measurement Date  : 16-Dec-2011
Starting Time    : 16-Dec-2011  06:30:25 PM
End Time         : 16-Dec-2011  06:59:20 PM
Scanning Time    : 1735 secs

Product Data
Device Name      : AEG S40
Serial No.       : 123
Type            : Std Form Cell Phone
Model           : 123
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 107 mm
Width           : 50 mm
Depth           : 11 mm
Antenna Type     : Internal
Orientation      : Touch
Power Drift-Start : 0.060 W/kg
Power Drift-Finish: 0.049 W/kg
Power Drift (%)   : -3.657
Picture          :

Phantom Data
Name            : APREL-Uni
Type            : Uni-Phantom
Size (mm)        : 280 x 280 x 200
Serial No.       : User Define
Location        : Center
Description      : uni

Tissue Data
Type            : BODY
Serial No.       : IAC Tissue - 1900
Frequency        : 1900.00 MHz
Last Calib. Date : 15-Dec-2011
Temperature      : 21.00 °C
Ambient Temp.    : 21.00 °C
Humidity        : 54.00 RH%
Epsilon         : 50.53 F/m
Sigma           : 1.56 S/m
Density         : 1000.00 kg/cu. m
```

ALSAS-10U VER 2.3.8.90

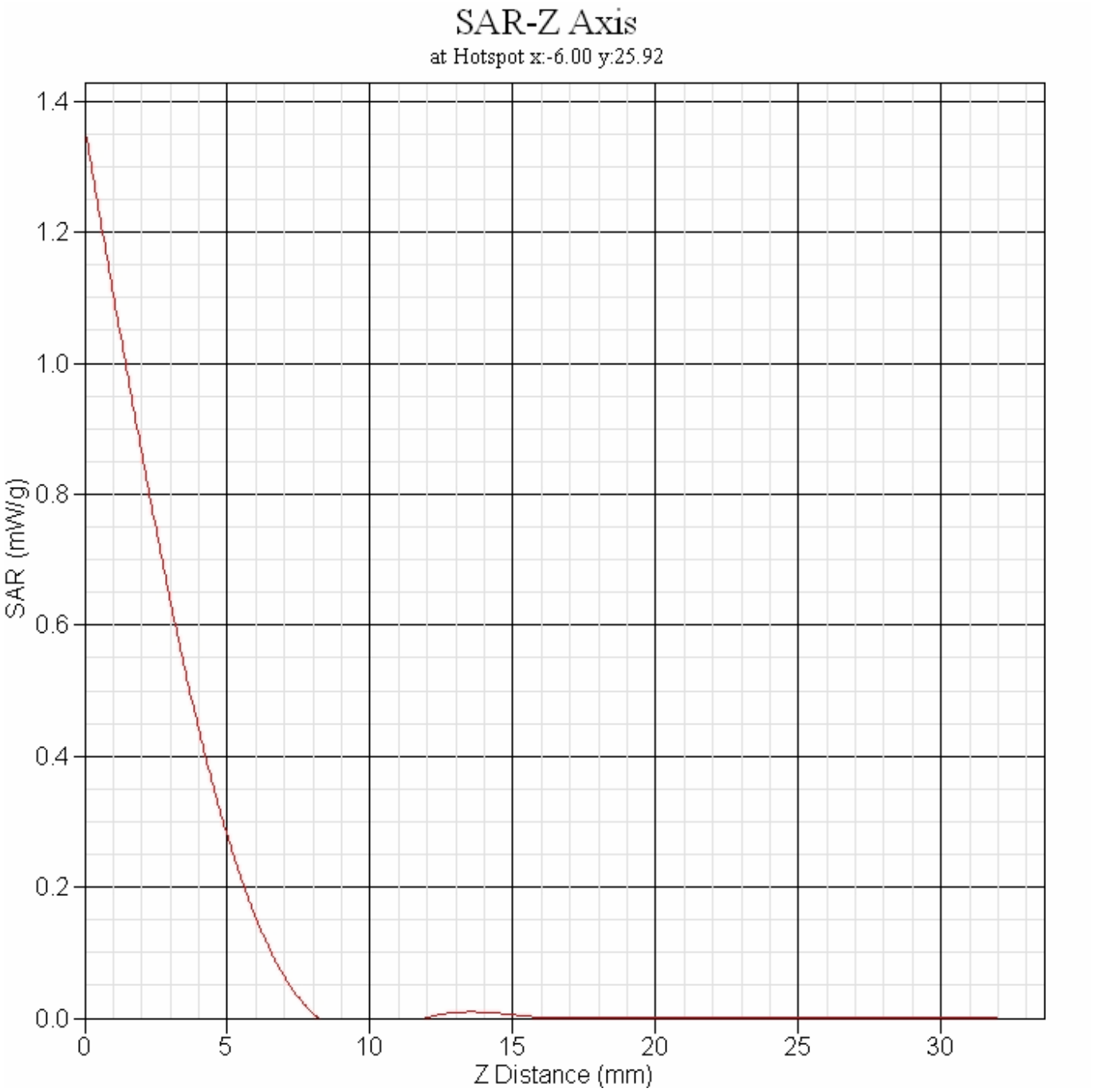
Probe Data
Name : IAC-273
Model : E020
Type : E-Field Triangle
Serial No. : 273
Last Calib. Date : 1-Oct-2011
Frequency : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.4
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 8
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 16-Dec-2011
Set-up Time : 5:27:41 PM
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 1.5cm
Channel : High



1 gram SAR value : 0.202 W/kg
10 gram SAR value : 0.066 W/kg
Area Scan Peak SAR : 0.089 W/kg
Zoom Scan Peak SAR : 1.361 W/kg


SAR-Z Axis
at Hotspot x:-6.00 y:25.92
SAR (mW/g)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Z Distance (mm)