SAR Test Report

By Operator : Jay
Measurement Date : 13-Apr-2006
Starting Time : 13-Apr-2006 03:24:44 PM
End Time : 13-Apr-2006 04:06:52 PM
Scanning Time : 2528 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 900.00 MHz
Max. Transmit Pwr : 0.032 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Internal
Orientation : Rotated Left 90°
Power Drift-Start : 0.025 W/kg
Power Drift-Finish: 0.020 W/kg
Power Drift (%) : -19.210

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

Tissue Data
Type : BODY
Serial No. : 900
Frequency : 900.00 MHz
Last Calib. Date : 13-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 24.00 °C
Humidity : 42.00 RH%
Epsilon : 53.78 F/m
Sigma : 1.02 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.07
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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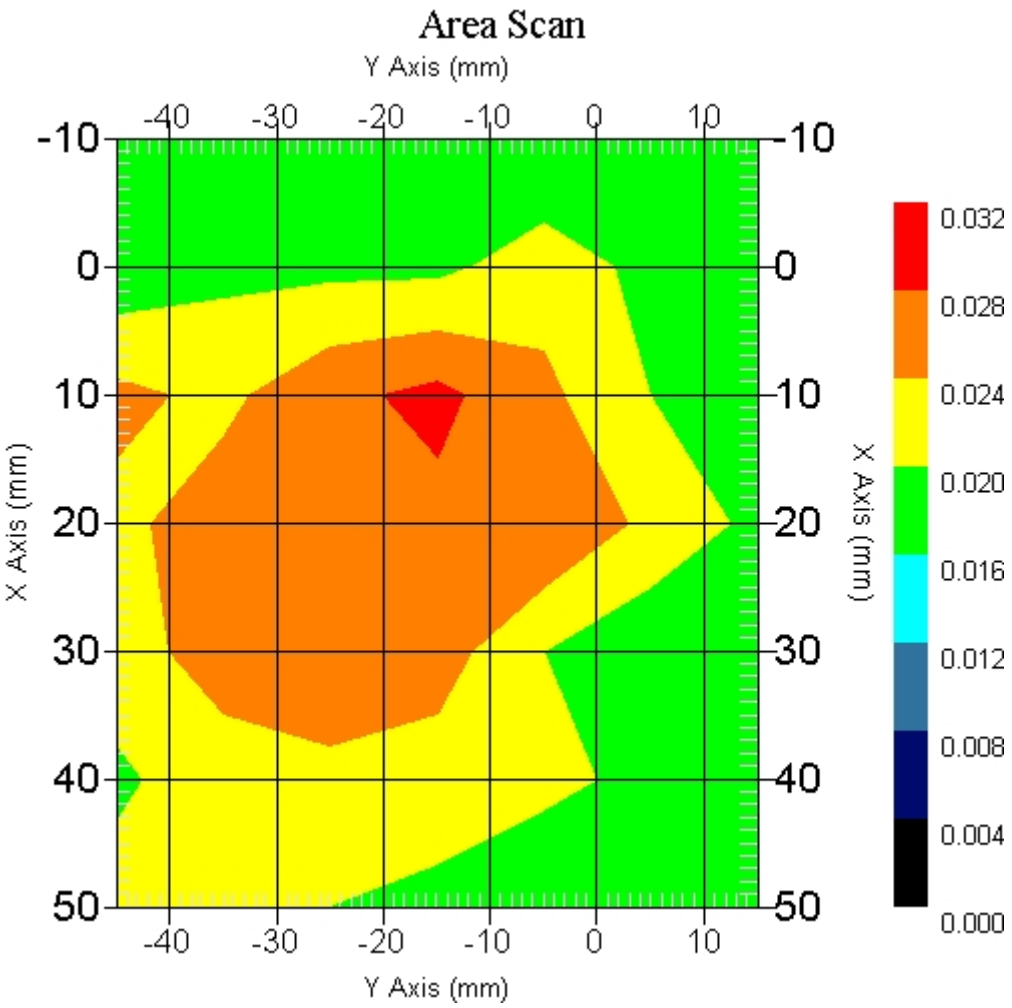
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 24.00 °C
Set-up Date       : 13-Apr-2006
Set-up Time       : 10:17:17 AM
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Rotated Left 90°
Separation        : 0
Channel           : High - 31
```




```
1 gram SAR value    : 0.038 W/kg
10 gram SAR value   : 0.041 W/kg
Area Scan Peak SAR  : 0.029 W/kg
Zoom Scan Peak SAR  : 0.040 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 13-Apr-2006
Starting Time : 13-Apr-2006 04:08:16 PM
End Time : 13-Apr-2006 04:49:53 PM
Scanning Time : 2497 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 900.00 MHz
Max. Transmit Pwr : 0.032 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Internal
Orientation : Rotated Left 90°
Power Drift-Start : 0.024 W/kg
Power Drift-Finish: 0.022 W/kg
Power Drift (%) : -11.170

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

Tissue Data
Type : BODY
Serial No. : 900
Frequency : 900.00 MHz
Last Calib. Date : 13-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 24.00 °C
Humidity : 42.00 RH%
Epsilon : 53.78 F/m
Sigma : 1.02 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.07
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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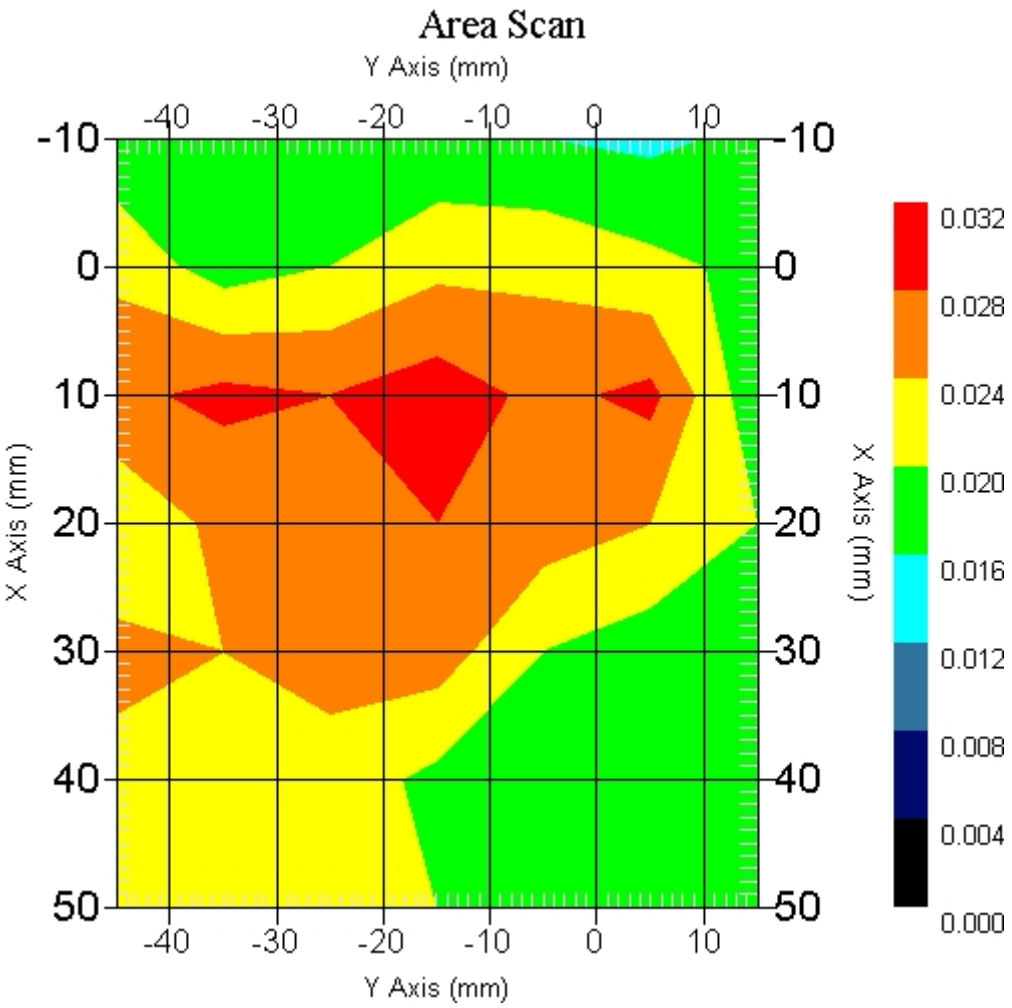
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 24.00 °C
Set-up Date       : 13-Apr-2006
Set-up Time       : 10:17:17 AM
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Rotated Left 90°
Separation        : 0
Channel           : High - 31
```




```
1 gram SAR value    : 0.028 W/kg
10 gram SAR value   : 0.023 W/kg
Area Scan Peak SAR  : 0.030 W/kg
Zoom Scan Peak SAR  : 0.030 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 01:03:37 PM
End Time : 27-Apr-2006 01:18:31 PM
Scanning Time : 894 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.791 W/kg
Power Drift-Finish: 0.800 W/kg
Power Drift (%) : 1.069

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 42.24 F/m
Sigma : 0.91 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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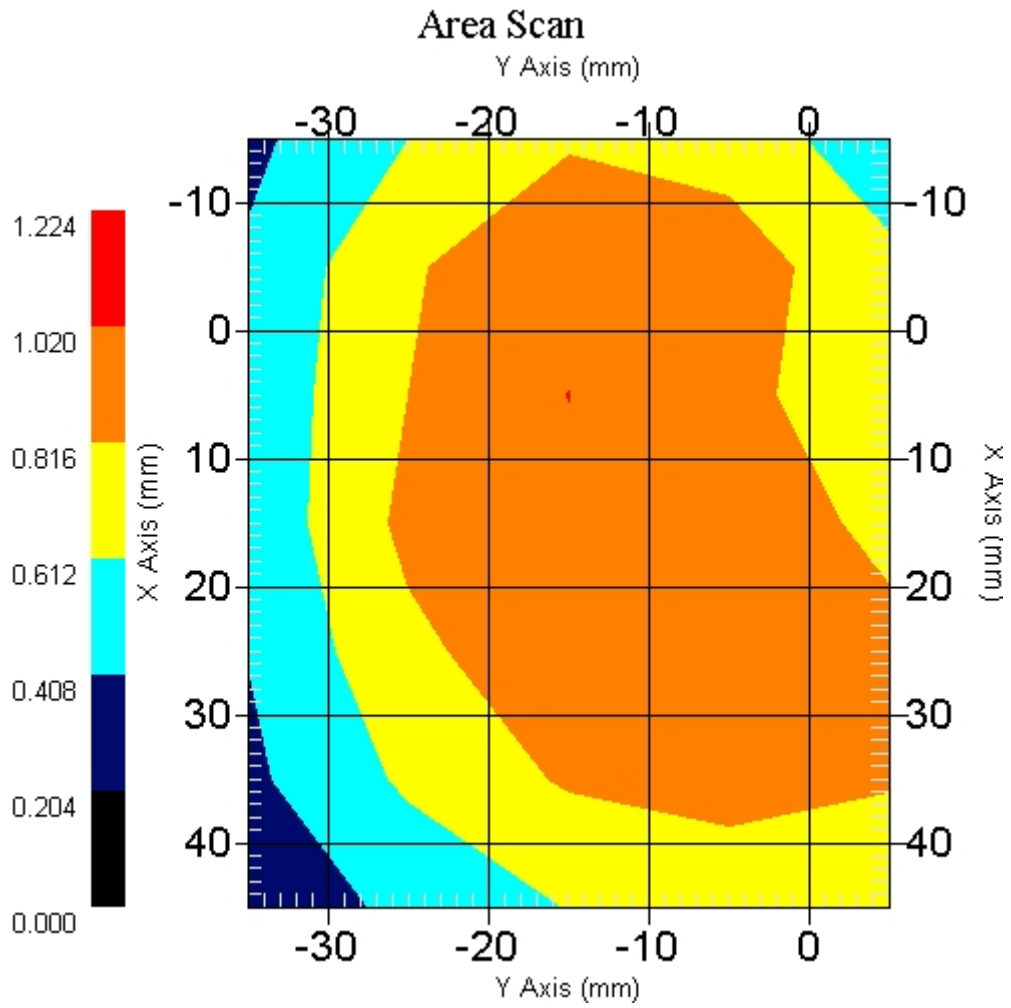
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Low - 1013
```




```
1 gram SAR value    : 0.960 W/kg
10 gram SAR value   : 0.617 W/kg
Area Scan Peak SAR  : 1.021 W/kg
Zoom Scan Peak SAR  : 1.441 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 01:19:14 PM
End Time : 27-Apr-2006 01:34:23 PM
Scanning Time : 909 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.613 W/kg
Power Drift-Finish: 0.609 W/kg
Power Drift (%) : -0.634

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 42.24 F/m
Sigma : 0.91 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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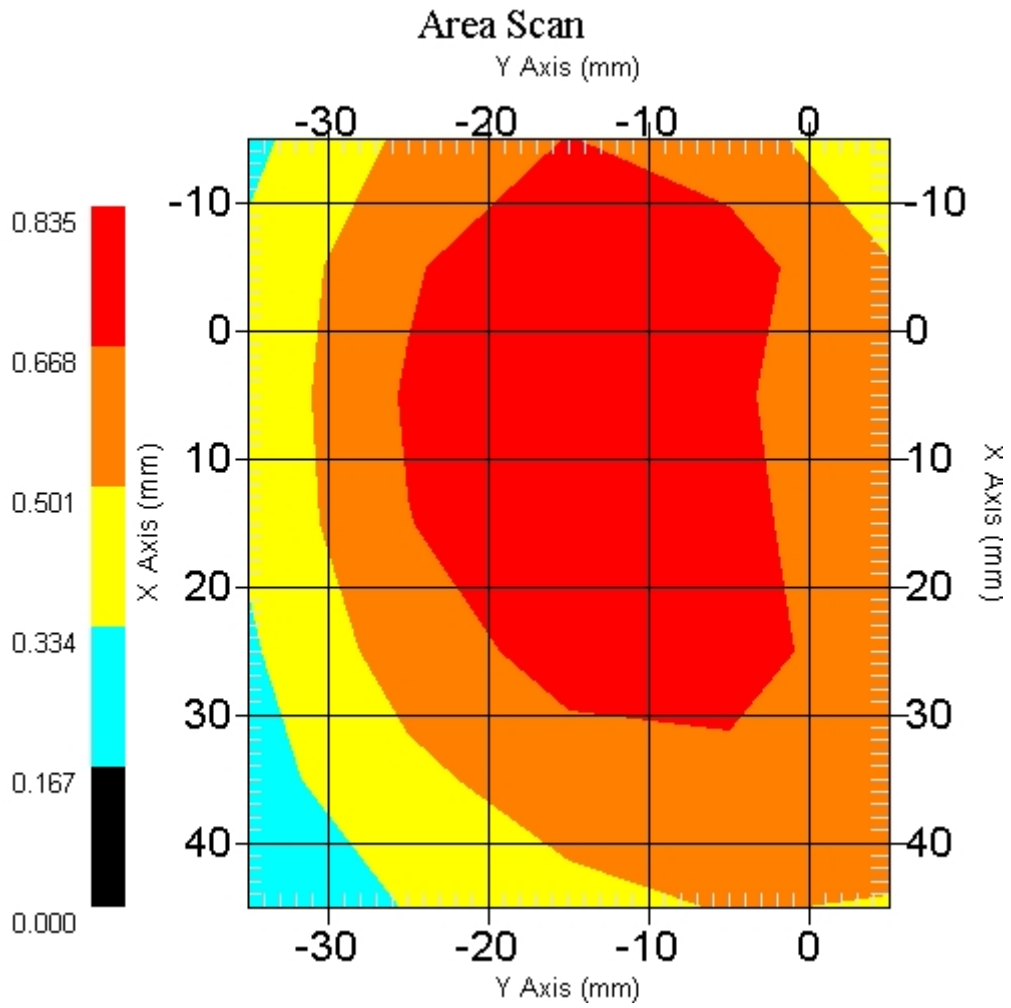
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Mid - 384
```




```
1 gram SAR value    : 0.793 W/kg
10 gram SAR value   : 0.521 W/kg
Area Scan Peak SAR  : 0.833 W/kg
Zoom Scan Peak SAR  : 1.171 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 01:36:27 PM
End Time : 27-Apr-2006 01:51:34 PM
Scanning Time : 907 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.672 W/kg
Power Drift-Finish: 0.652 W/kg
Power Drift (%) : -2.976

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 42.24 F/m
Sigma : 0.91 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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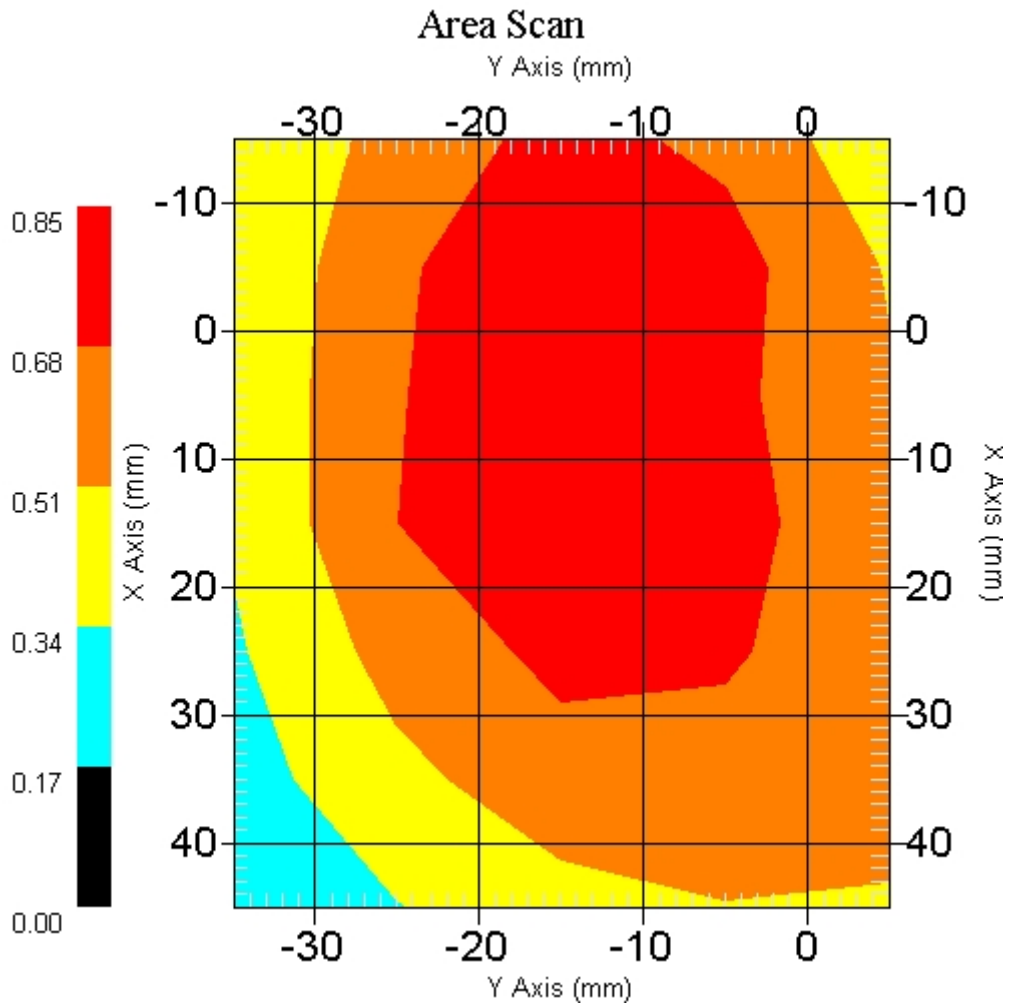
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : High - 777
```




```
1 gram SAR value    : 0.799 W/kg
10 gram SAR value   : 0.526 W/kg
Area Scan Peak SAR  : 0.848 W/kg
Zoom Scan Peak SAR  : 1.171 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 28-Apr-2006
Starting Time : 28-Apr-2006 01:13:06 PM
End Time : 28-Apr-2006 01:31:24 PM
Scanning Time : 1098 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.672 W/kg
Power Drift-Finish: 0.655 W/kg
Power Drift (%) : -2.530

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 28-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 40.92 F/m
Sigma : 0.92 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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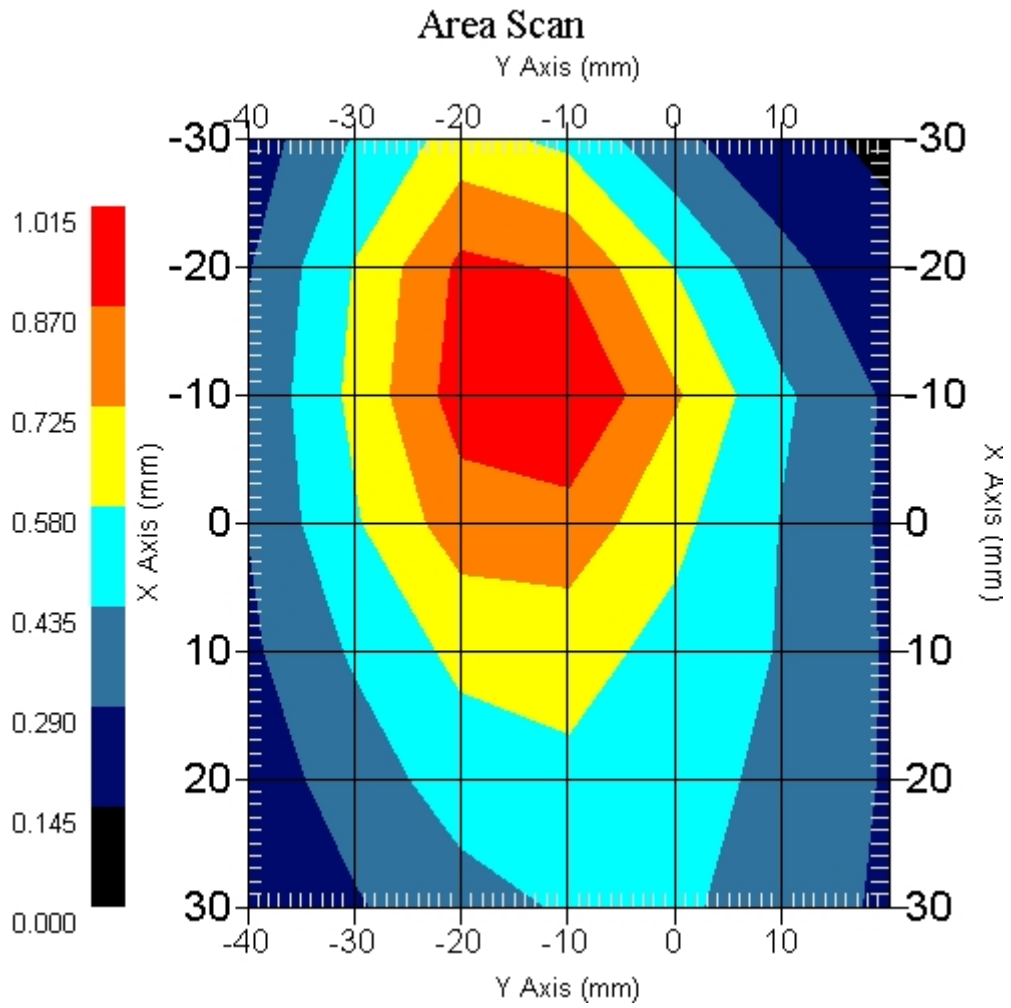
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 28-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : Low - 1013
```




```
1 gram SAR value    : 0.927 W/kg
10 gram SAR value   : 0.582 W/kg
Area Scan Peak SAR  : 1.012 W/kg
Zoom Scan Peak SAR  : 1.391 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 28-Apr-2006
Starting Time : 28-Apr-2006 01:33:19 PM
End Time : 28-Apr-2006 01:51:31 PM
Scanning Time : 1092 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.478 W/kg
Power Drift-Finish: 0.466 W/kg
Power Drift (%) : -2.545

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 28-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 40.92 F/m
Sigma : 0.92 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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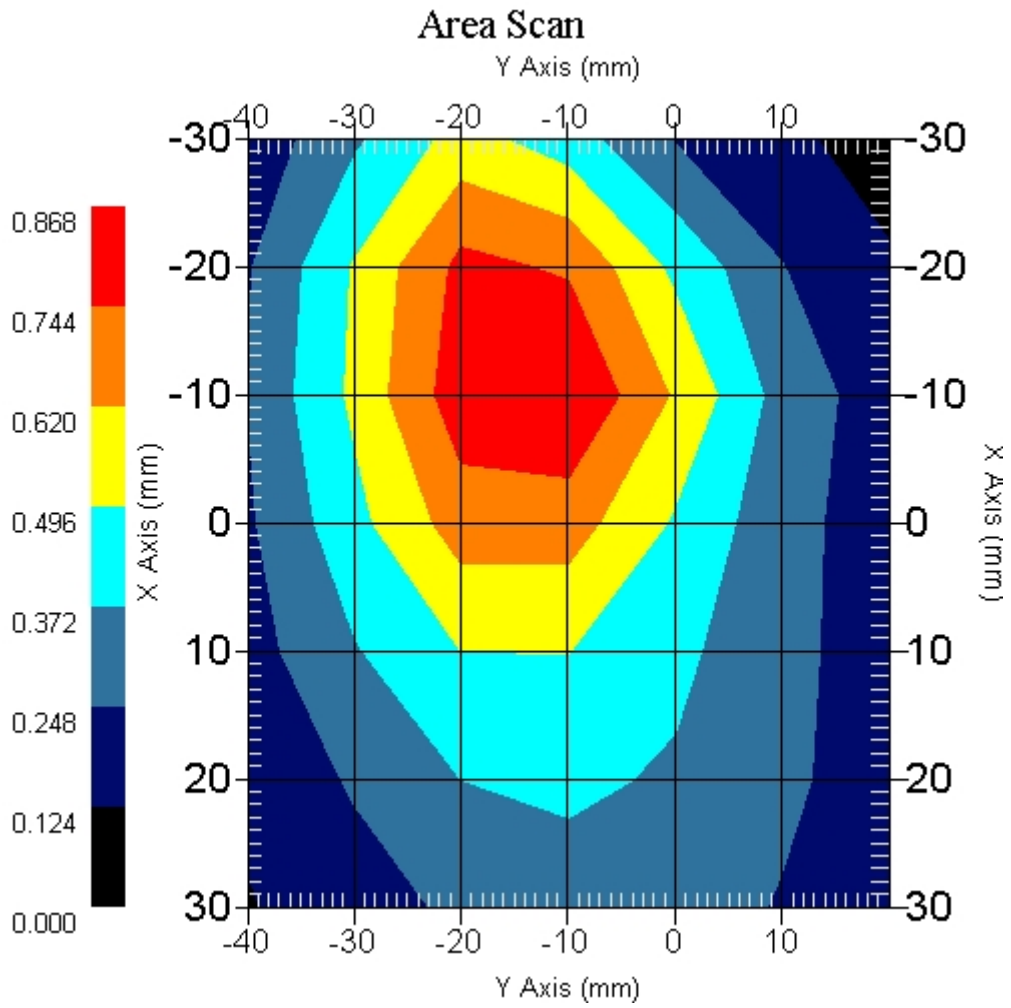
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 28-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : Mid - 384
```




```
1 gram SAR value    : 0.776 W/kg
10 gram SAR value   : 0.476 W/kg
Area Scan Peak SAR  : 0.866 W/kg
Zoom Scan Peak SAR  : 1.201 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 28-Apr-2006
Starting Time : 28-Apr-2006 01:52:07 PM
End Time : 28-Apr-2006 02:10:26 PM
Scanning Time : 1099 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.318 W/kg
Power Drift-Finish: 0.330 W/kg
Power Drift (%) : 3.716

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 28-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 40.92 F/m
Sigma : 0.92 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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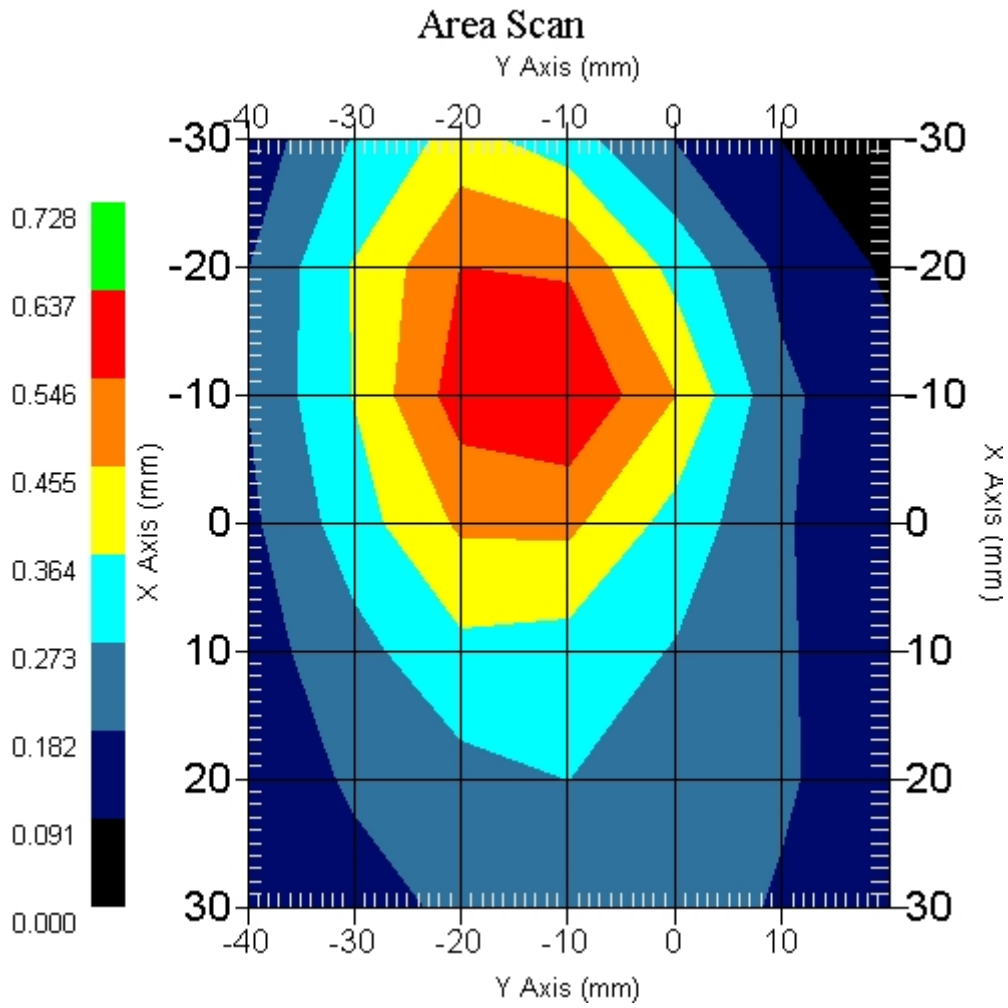
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 28-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : High - 777
```




```
1 gram SAR value    : 0.539 W/kg
10 gram SAR value   : 0.334 W/kg
Area Scan Peak SAR  : 0.637 W/kg
Zoom Scan Peak SAR  : 0.820 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 02:04:47 PM
End Time : 26-Apr-2006 02:27:31 PM
Scanning Time : 1364 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.989 W/kg
Power Drift-Finish: 0.993 W/kg
Power Drift (%) : 0.429

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 41.01 F/m
Sigma : 0.93 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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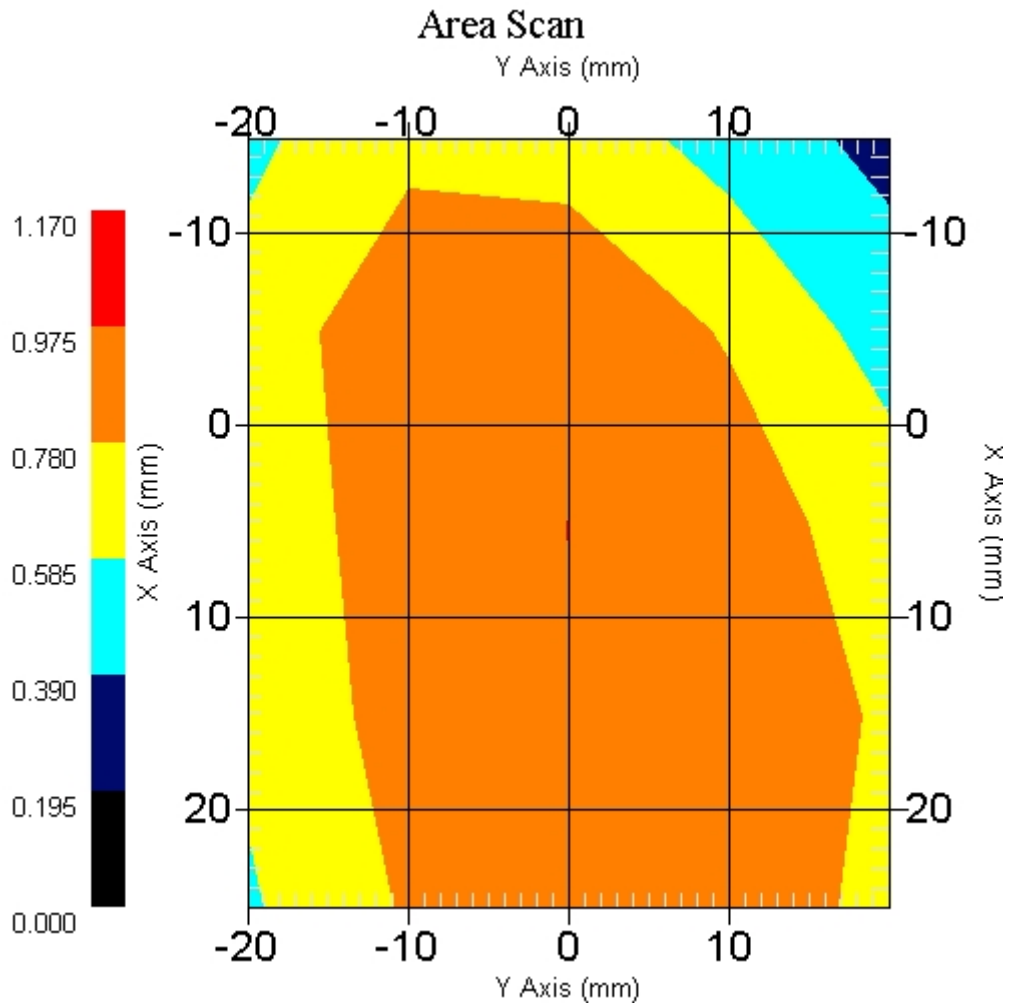
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Low - 1013
```




```
1 gram SAR value   : 0.966 W/kg
10 gram SAR value  : 0.673 W/kg
Area Scan Peak SAR : 0.976 W/kg
Zoom Scan Peak SAR : 1.411 W/kg
```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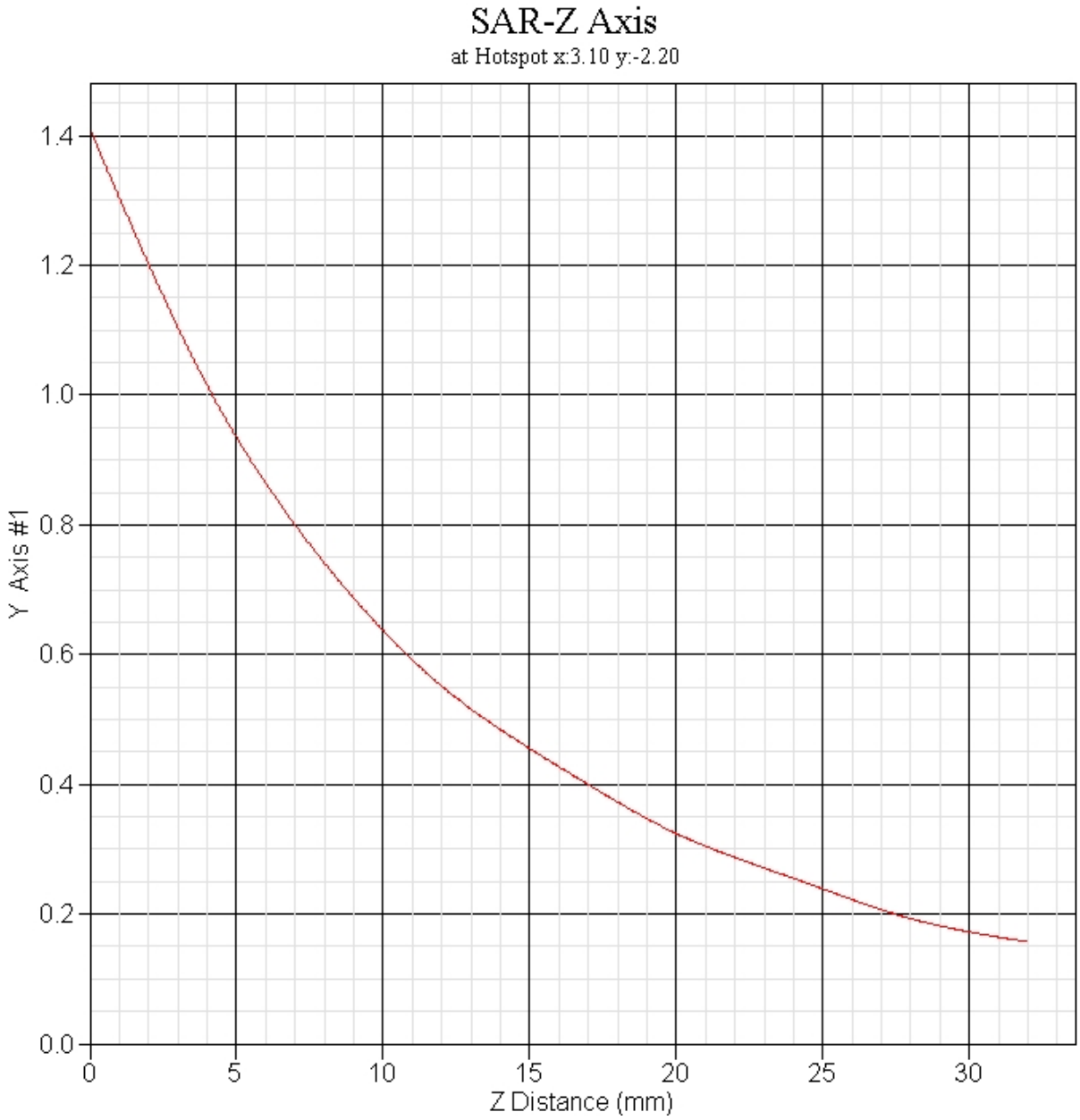

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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 02:36:25 PM
End Time : 26-Apr-2006 02:58:58 PM
Scanning Time : 1353 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.774 W/kg
Power Drift-Finish: 0.753 W/kg
Power Drift (%) : -2.633

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 41.01 F/m
Sigma : 0.93 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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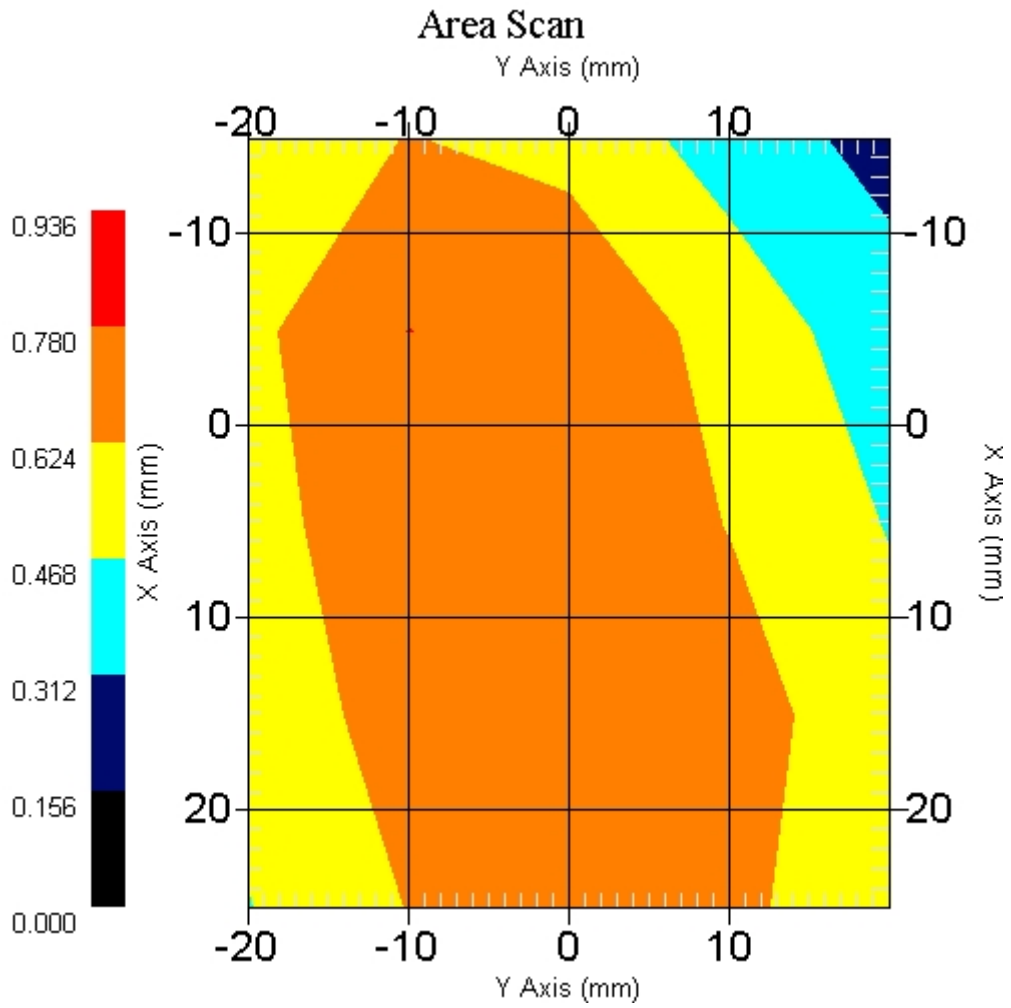
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Mid - 384
```




```
1 gram SAR value   : 0.745 W/kg
10 gram SAR value  : 0.486 W/kg
Area Scan Peak SAR : 0.781 W/kg
Zoom Scan Peak SAR : 1.101 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 03:17:36 PM
End Time : 26-Apr-2006 03:33:55 PM
Scanning Time : 979 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.867 W/kg
Power Drift-Finish: 0.849 W/kg
Power Drift (%) : -2.155

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 41.01 F/m
Sigma : 0.93 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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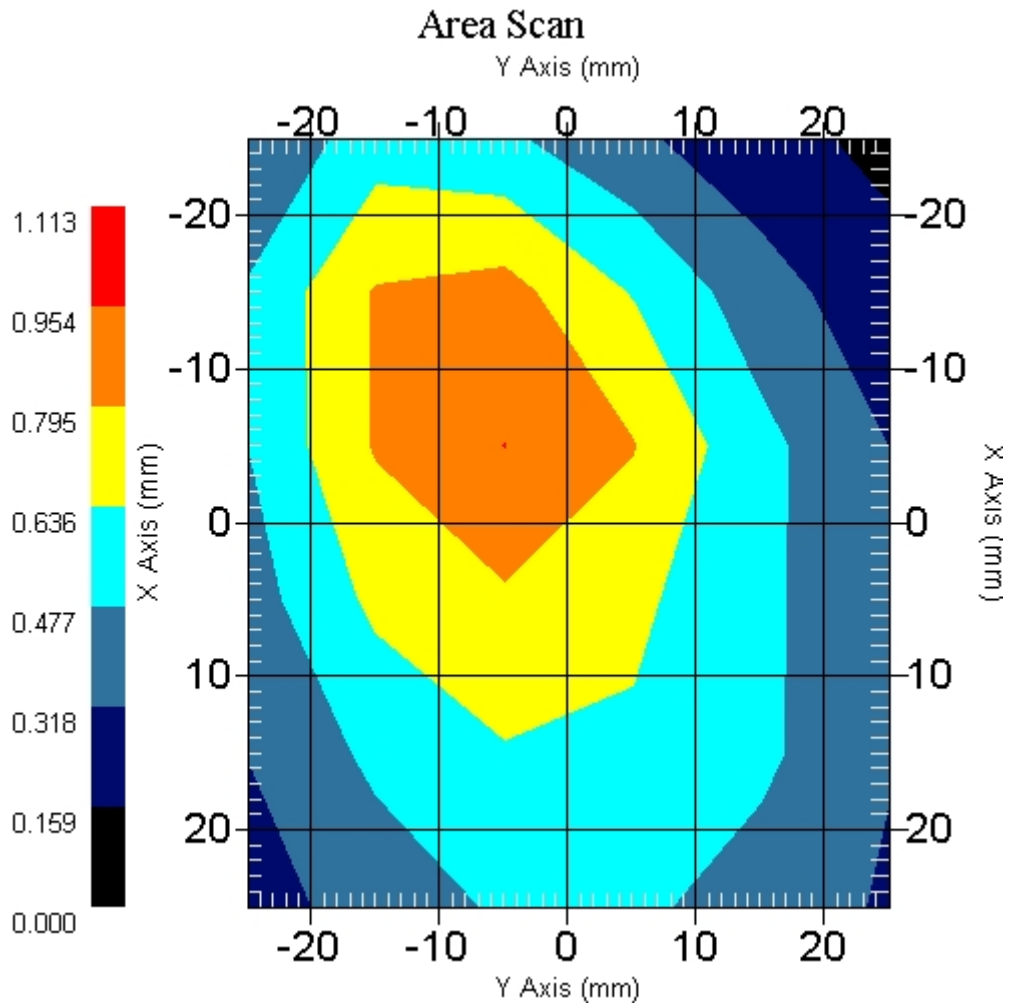
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : High - 777
```




```
1 gram SAR value    : 0.905 W/kg
10 gram SAR value   : 0.571 W/kg
Area Scan Peak SAR  : 0.956 W/kg
Zoom Scan Peak SAR  : 1.361 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 02:59:58 PM
End Time : 26-Apr-2006 03:14:04 PM
Scanning Time : 846 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.532 W/kg
Power Drift-Finish: 0.521 W/kg
Power Drift (%) : -2.102

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

Tissue Data
Type : HEAD
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 41.01 F/m
Sigma : 0.93 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.49
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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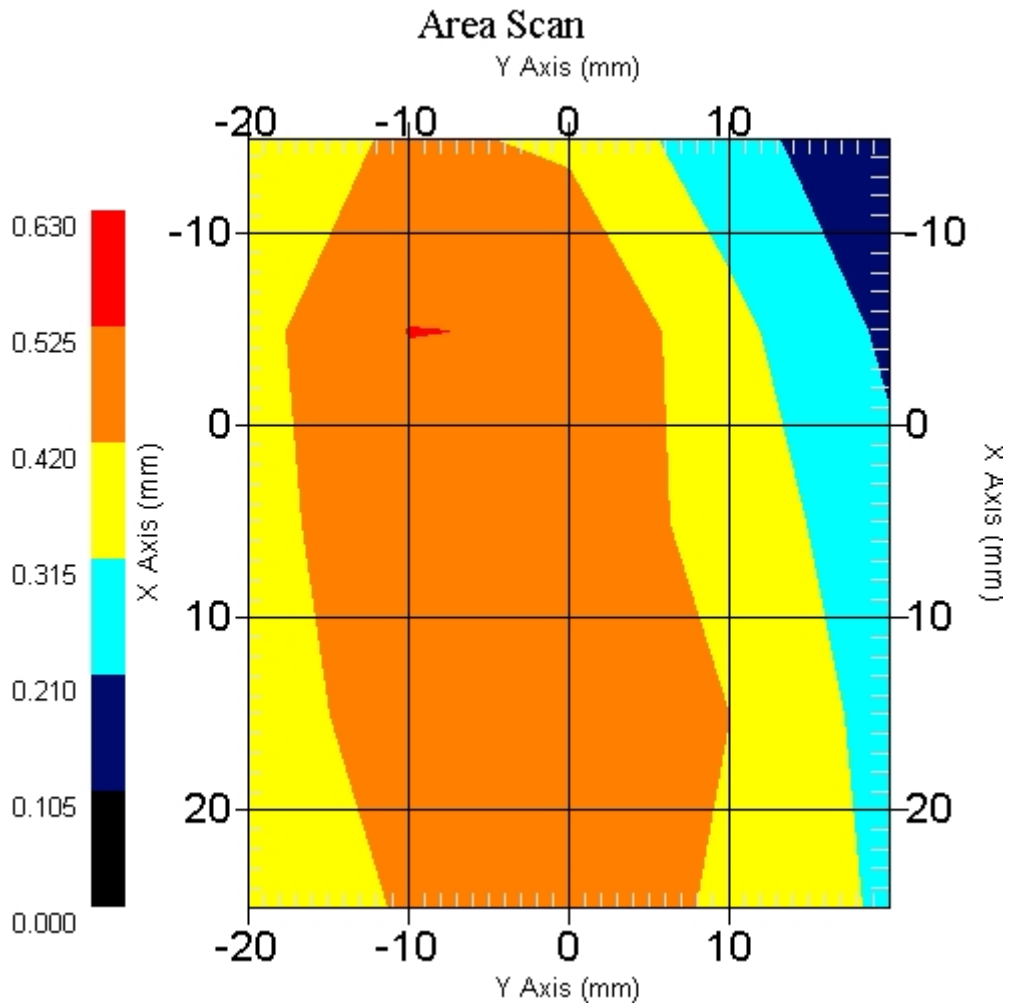
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : Low - 1013
```




```
1 gram SAR value   : 0.489 W/kg
10 gram SAR value  : 0.324 W/kg
Area Scan Peak SAR : 0.526 W/kg
Zoom Scan Peak SAR : 0.770 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 11:52:27 AM
End Time : 27-Apr-2006 12:06:31 PM
Scanning Time : 844 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Rotated Right 90°
Power Drift-Start : 0.600 W/kg
Power Drift-Finish: 0.597 W/kg
Power Drift (%) : -0.543

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

Tissue Data
Type : BODY
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 54.51 F/m
Sigma : 0.97 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.07
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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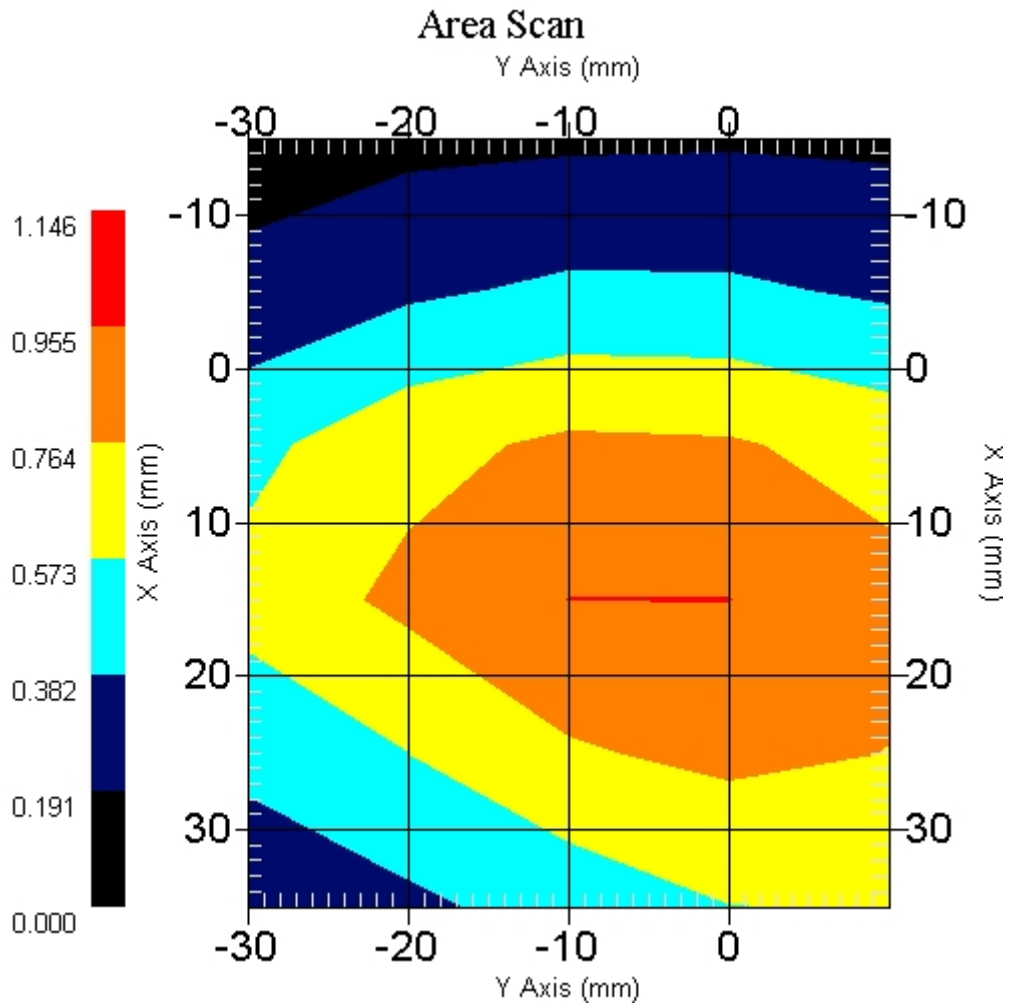
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 6x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Rotated Right 90°
Separation        : 0
Channel           : Low - 1013
```




```
1 gram SAR value    : 0.903 W/kg
10 gram SAR value   : 0.580 W/kg
Area Scan Peak SAR  : 0.957 W/kg
Zoom Scan Peak SAR  : 1.331 W/kg
```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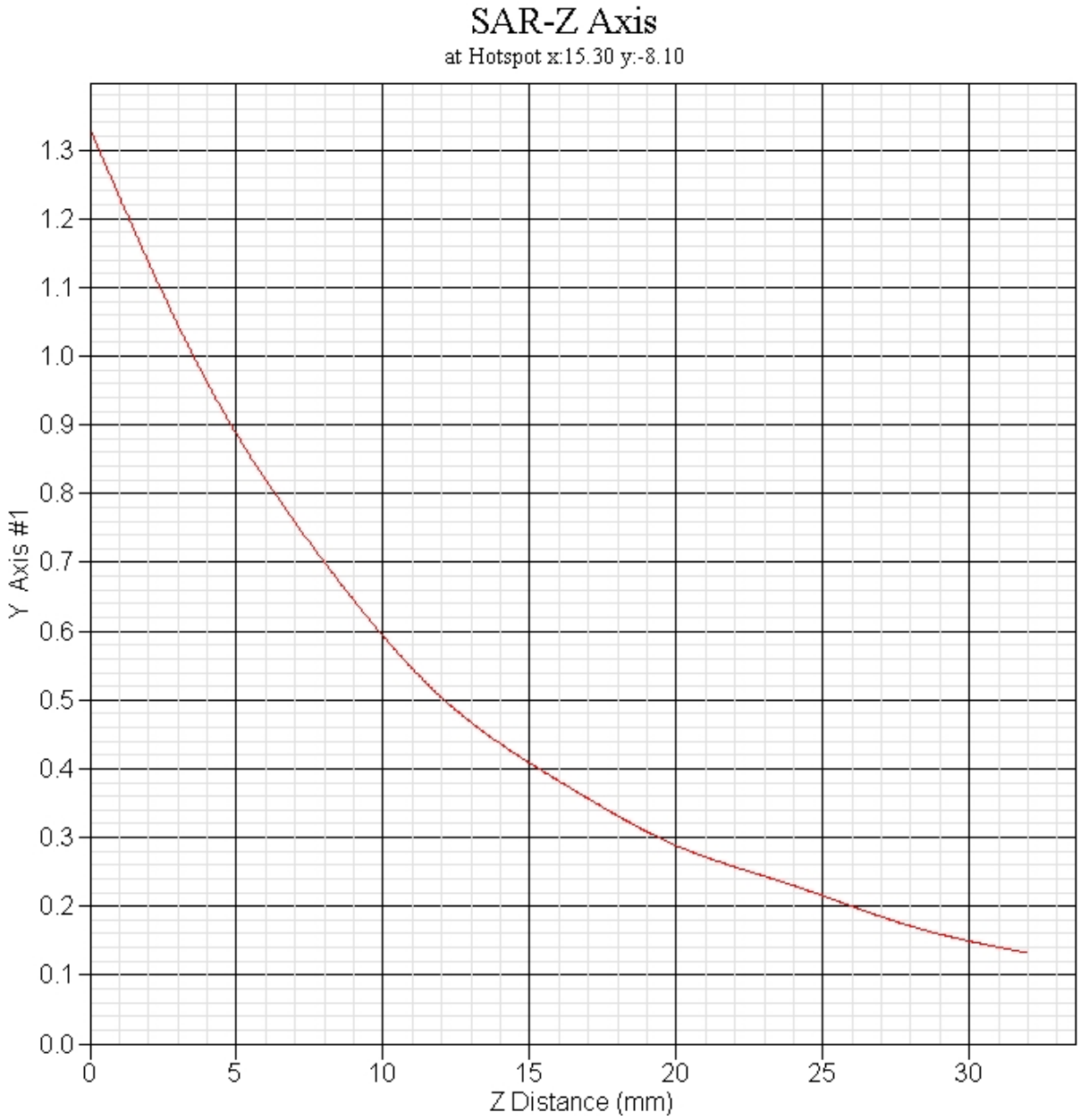

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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 11:13:51 AM
End Time : 27-Apr-2006 11:28:56 AM
Scanning Time : 905 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Rotated Right 90°
Power Drift-Start : 0.523 W/kg
Power Drift-Finish: 0.515 W/kg
Power Drift (%) : -1.554

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

Tissue Data
Type : BODY
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 54.51 F/m
Sigma : 0.97 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.07
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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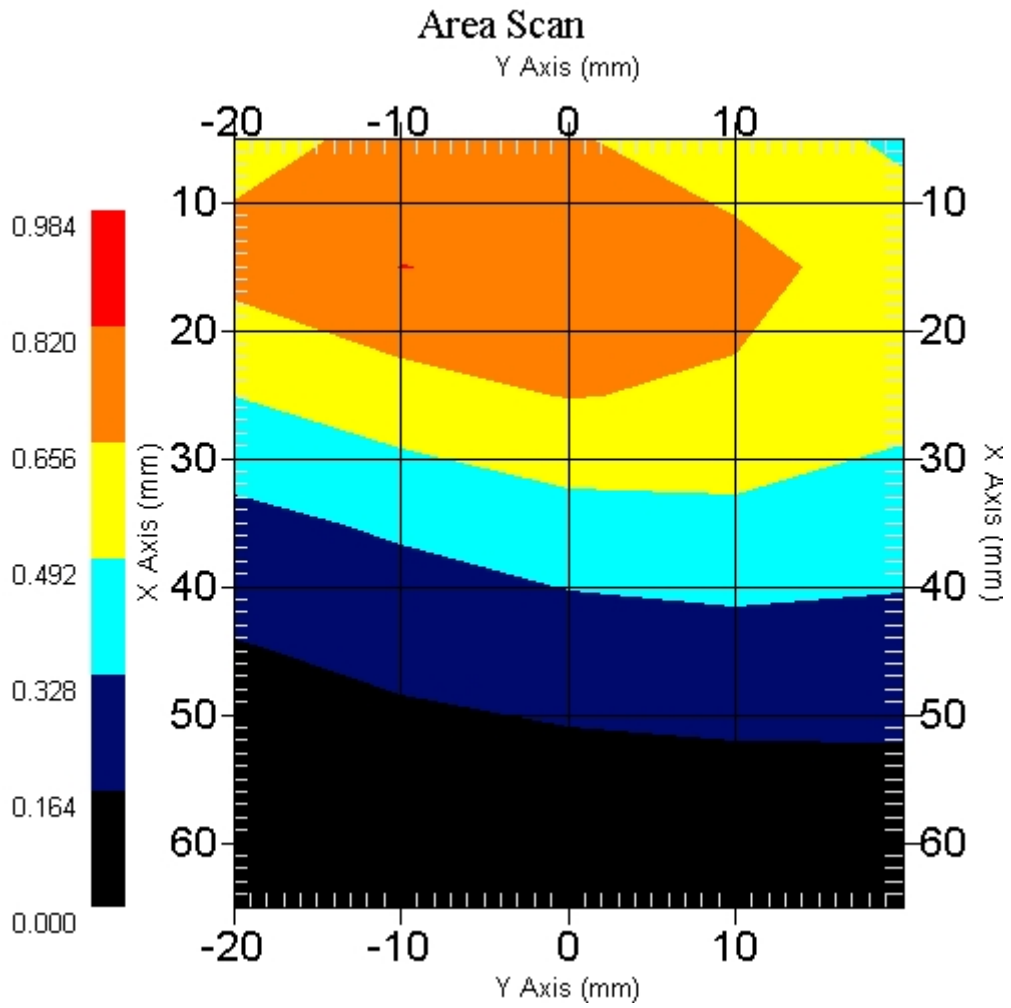
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Rotated Right 90°
Separation        : 0
Channel           : Mid - 384
```




```
1 gram SAR value    : 0.760 W/kg
10 gram SAR value   : 0.485 W/kg
Area Scan Peak SAR  : 0.821 W/kg
Zoom Scan Peak SAR  : 1.131 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 12:08:02 PM
End Time : 27-Apr-2006 12:21:58 PM
Scanning Time : 836 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 835.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Rotated Right 90°
Power Drift-Start : 0.346 W/kg
Power Drift-Finish: 0.352 W/kg
Power Drift (%) : 1.658

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

Tissue Data
Type : BODY
Serial No. : 835
Frequency : 835.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 23.00 °C
Humidity : 42.00 RH%
Epsilon : 54.51 F/m
Sigma : 0.97 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.07
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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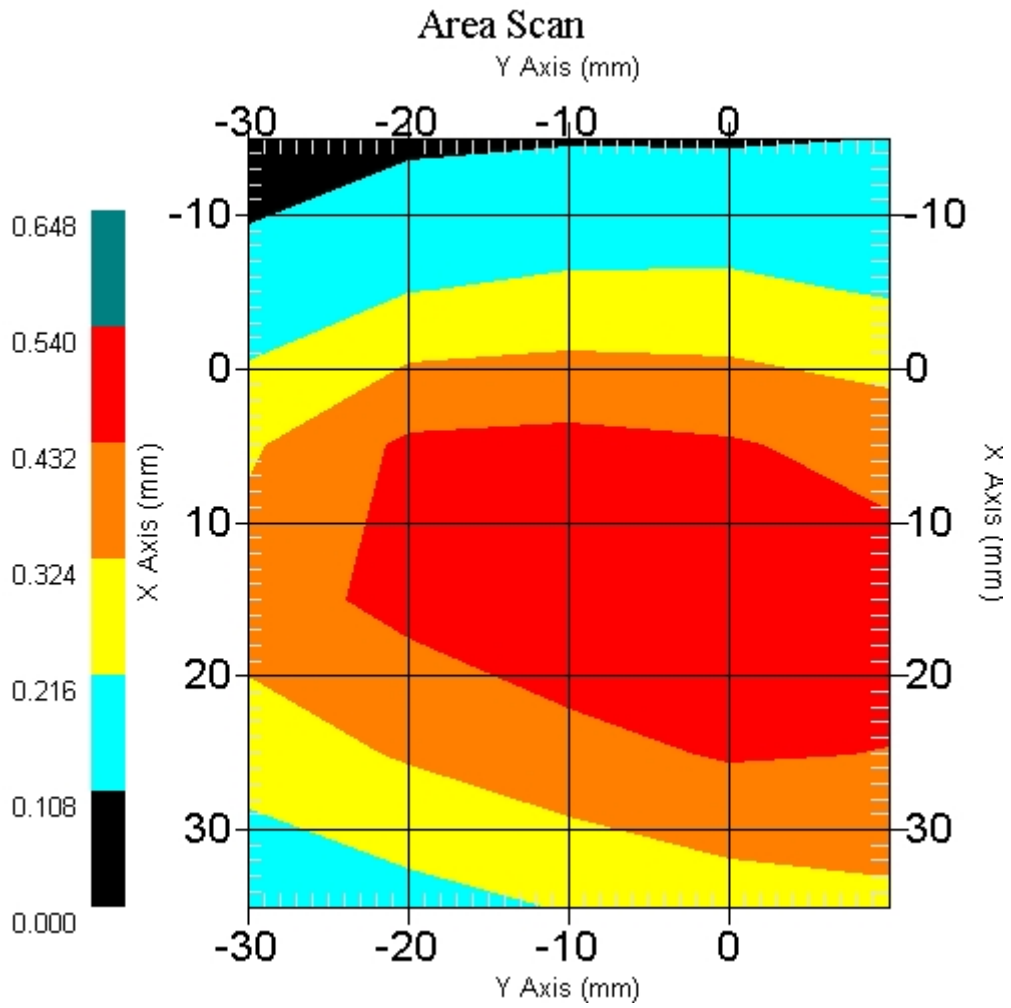
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 6x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Rotated Right 90°
Separation        : 0
Channel           : High - 777
```




```
1 gram SAR value    : 0.508 W/kg
10 gram SAR value   : 0.335 W/kg
Area Scan Peak SAR  : 0.540 W/kg
Zoom Scan Peak SAR  : 0.740 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 04:00:15 PM
End Time : 26-Apr-2006 04:13:56 PM
Scanning Time : 821 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.422 W/kg
Power Drift-Finish: 0.437 W/kg
Power Drift (%) : 3.592

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 39.15 F/m
Sigma : 1.43 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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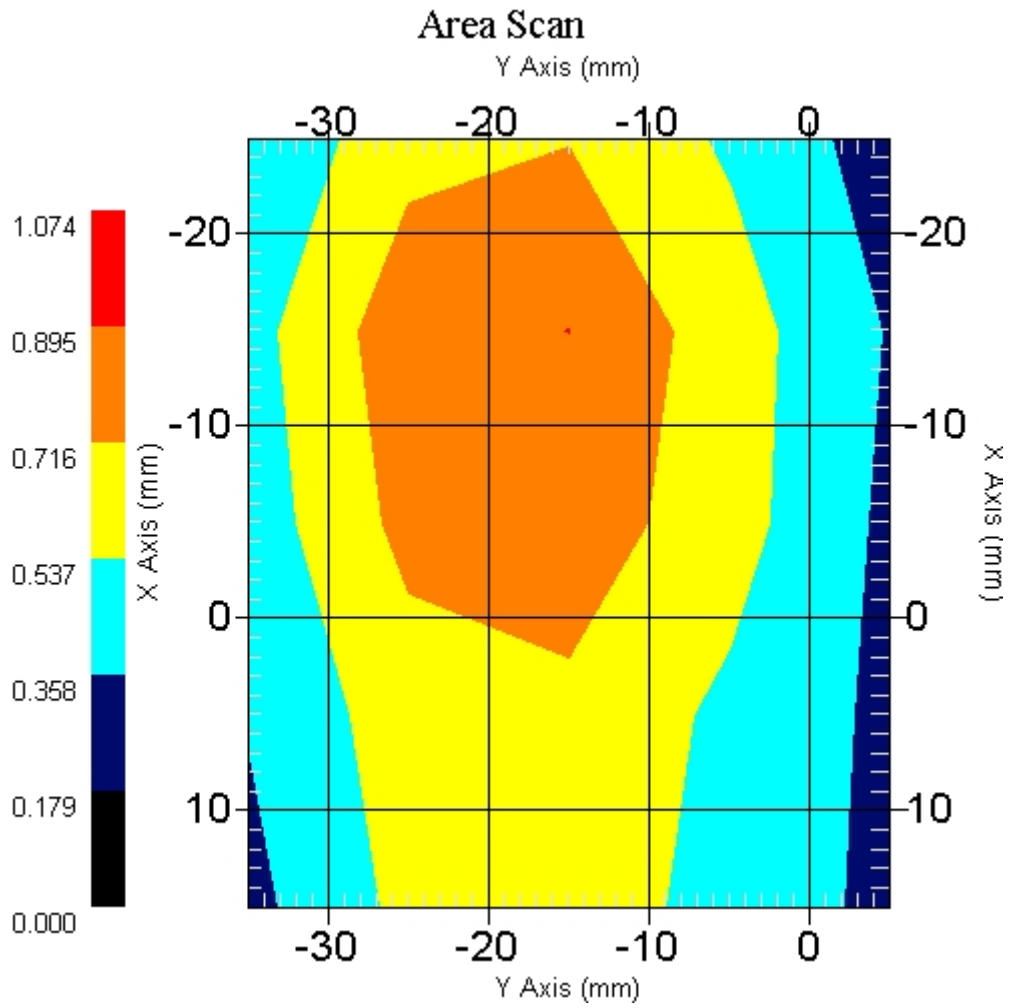
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Low - 25
```




```
1 gram SAR value    : 0.766 W/kg
10 gram SAR value   : 0.459 W/kg
Area Scan Peak SAR  : 0.896 W/kg
Zoom Scan Peak SAR  : 1.291 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 04:28:01 PM
End Time : 26-Apr-2006 04:41:32 PM
Scanning Time : 811 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.369 W/kg
Power Drift-Finish: 0.371 W/kg
Power Drift (%) : 0.446

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 39.15 F/m
Sigma : 1.43 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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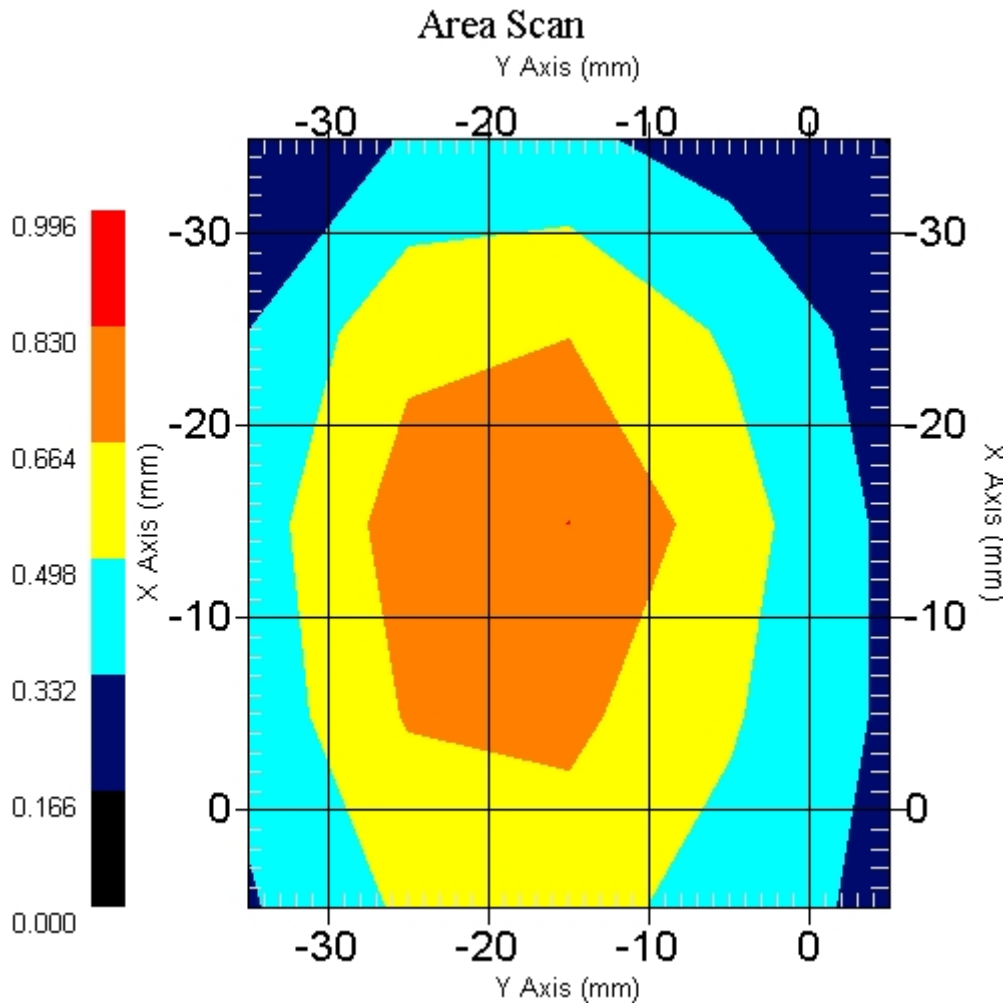
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Mid - 600
```




```
1 gram SAR value    : 0.780 W/kg
10 gram SAR value   : 0.454 W/kg
Area Scan Peak SAR  : 0.831 W/kg
Zoom Scan Peak SAR  : 1.271 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 04:42:17 PM
End Time : 26-Apr-2006 04:55:51 PM
Scanning Time : 814 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.322 W/kg
Power Drift-Finish: 0.310 W/kg
Power Drift (%) : -3.895

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 39.15 F/m
Sigma : 1.43 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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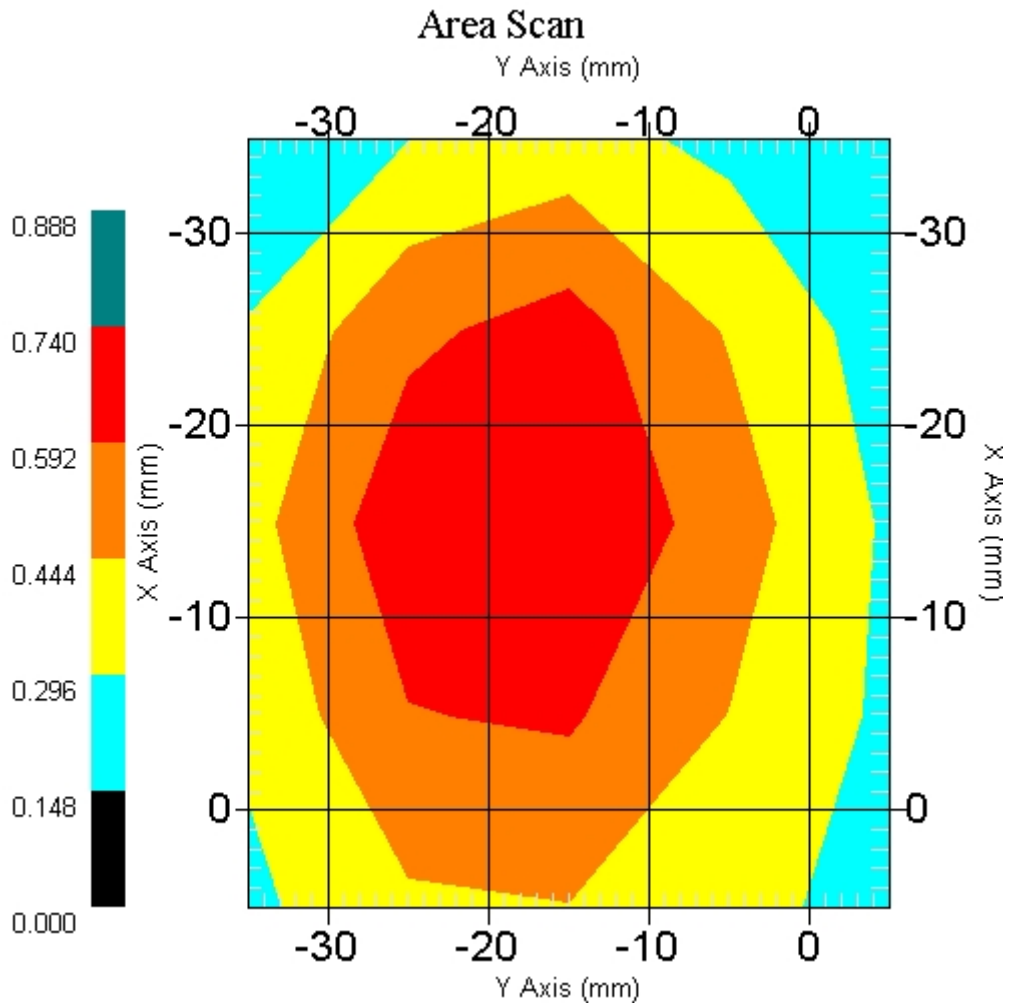
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : High - 1175
```




```
1 gram SAR value    : 0.700 W/kg
10 gram SAR value   : 0.402 W/kg
Area Scan Peak SAR  : 0.740 W/kg
Zoom Scan Peak SAR  : 1.181 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 08:07:02 AM
End Time : 27-Apr-2006 08:20:18 AM
Scanning Time : 796 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.477 W/kg
Power Drift-Finish: 0.496 W/kg
Power Drift (%) : 3.983

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 40.25 F/m
Sigma : 1.42 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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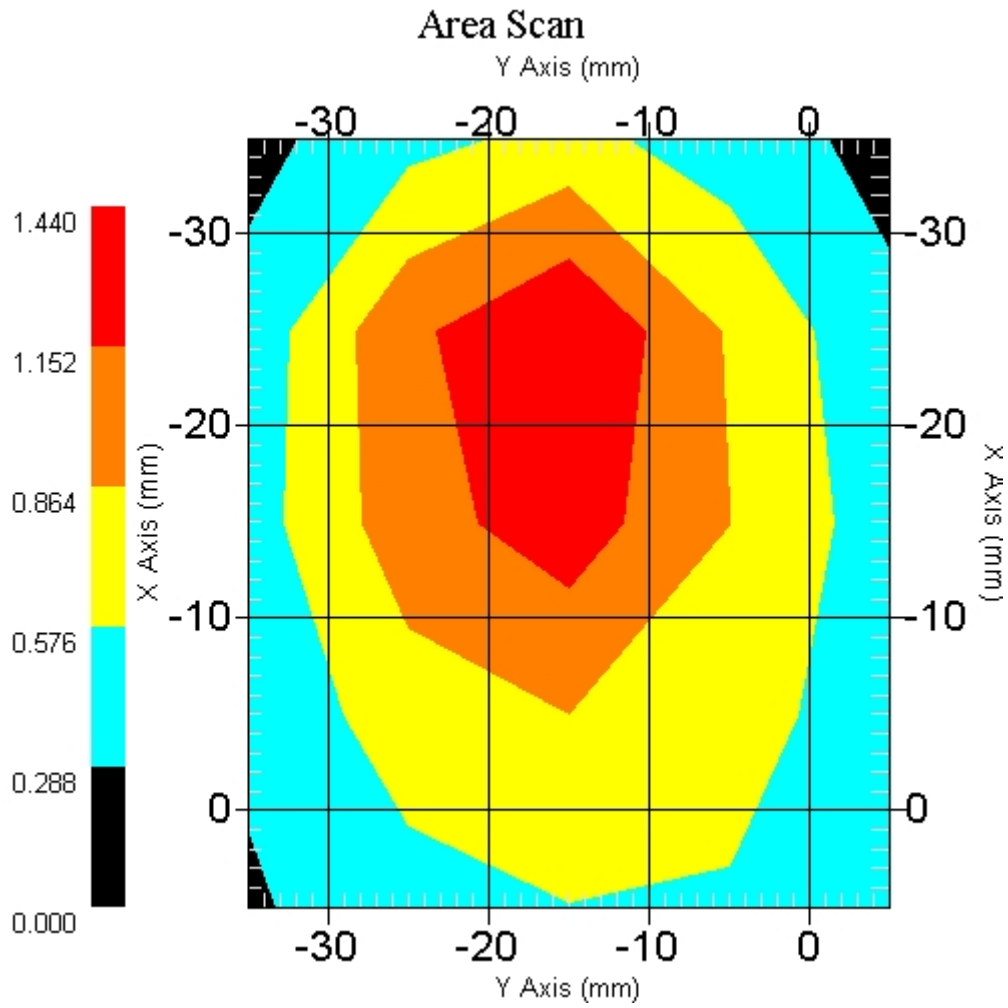
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : Low - 25
```




```
1 gram SAR value    : 1.219 W/kg
10 gram SAR value   : 0.693 W/kg
Area Scan Peak SAR  : 1.439 W/kg
Zoom Scan Peak SAR  : 2.161 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 26-Apr-2006
Starting Time : 26-Apr-2006 05:02:34 PM
End Time : 26-Apr-2006 05:16:02 PM
Scanning Time : 808 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.462 W/kg
Power Drift-Finish: 0.469 W/kg
Power Drift (%) : 1.593

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 26-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 39.15 F/m
Sigma : 1.43 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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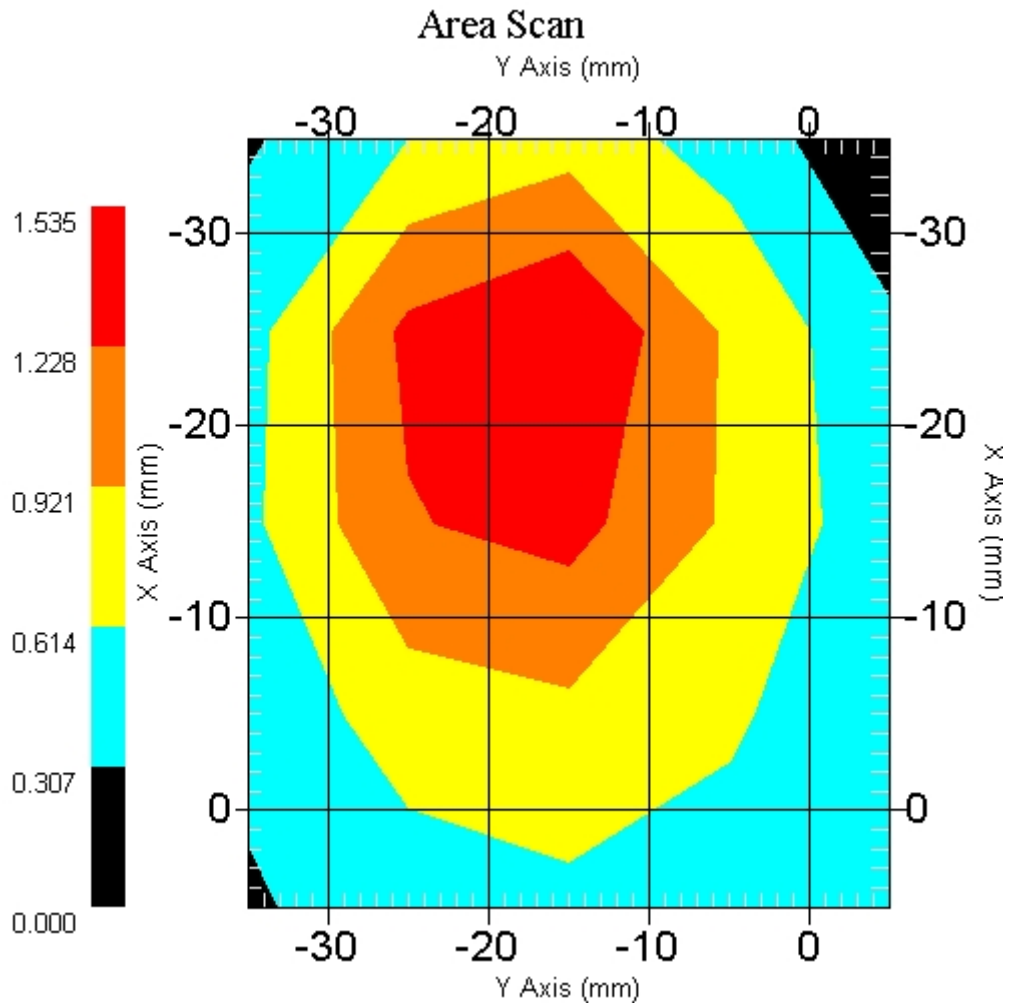
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 26-Apr-2006
Set-up Time       : 7:55:55 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : Mid - 600
```




```
1 gram SAR value    : 1.361 W/kg
10 gram SAR value   : 0.726 W/kg
Area Scan Peak SAR  : 1.533 W/kg
Zoom Scan Peak SAR  : 2.382 W/kg
```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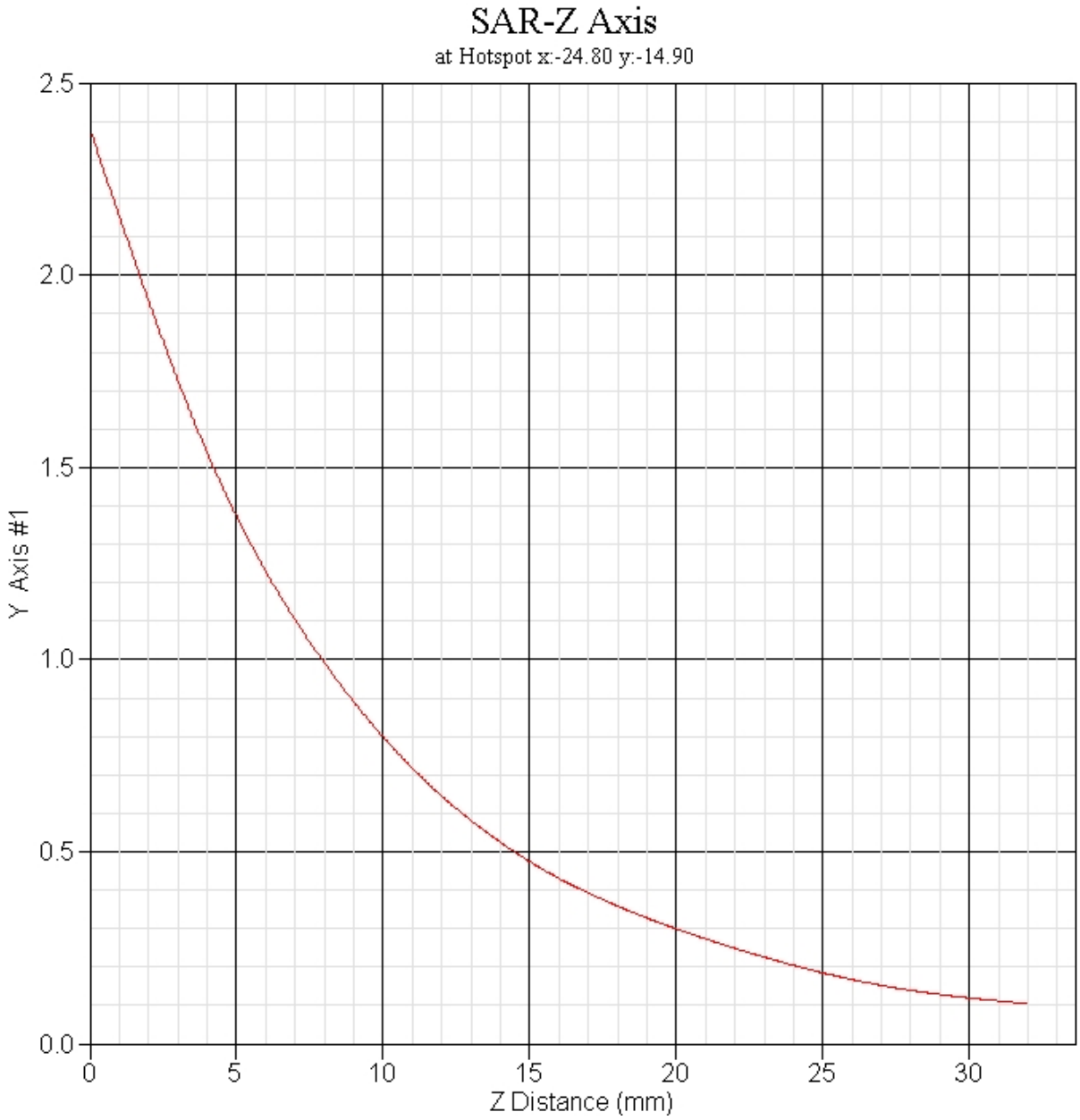

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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 08:21:09 AM
End Time : 27-Apr-2006 08:34:13 AM
Scanning Time : 784 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.381 W/kg
Power Drift-Finish: 0.378 W/kg
Power Drift (%) : -0.842

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 40.25 F/m
Sigma : 1.42 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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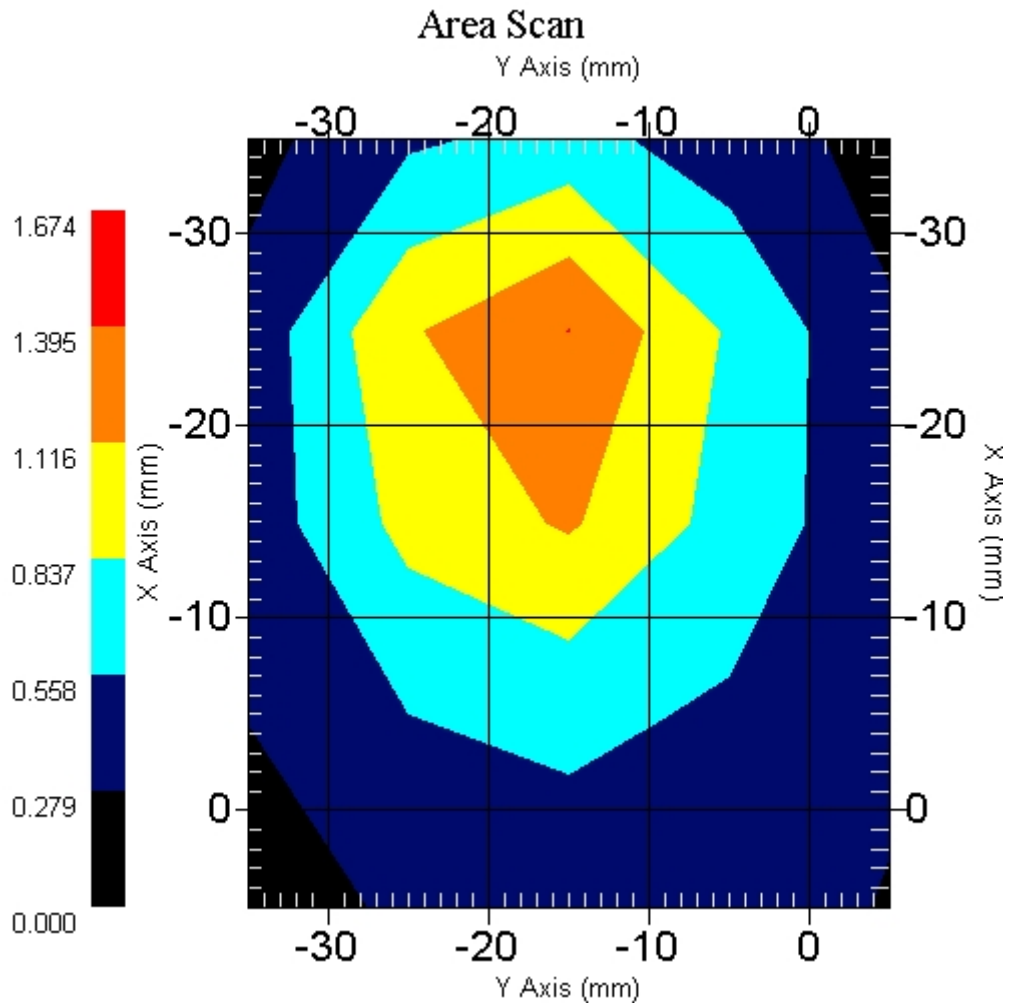
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : High - 1175
```




```
1 gram SAR value    : 1.210 W/kg
10 gram SAR value   : 0.610 W/kg
Area Scan Peak SAR  : 1.396 W/kg
Zoom Scan Peak SAR  : 2.302 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 10:11:13 AM
End Time : 27-Apr-2006 10:34:25 AM
Scanning Time : 1392 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.587 W/kg
Power Drift-Finish: 0.578 W/kg
Power Drift (%) : -1.566

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 40.25 F/m
Sigma : 1.42 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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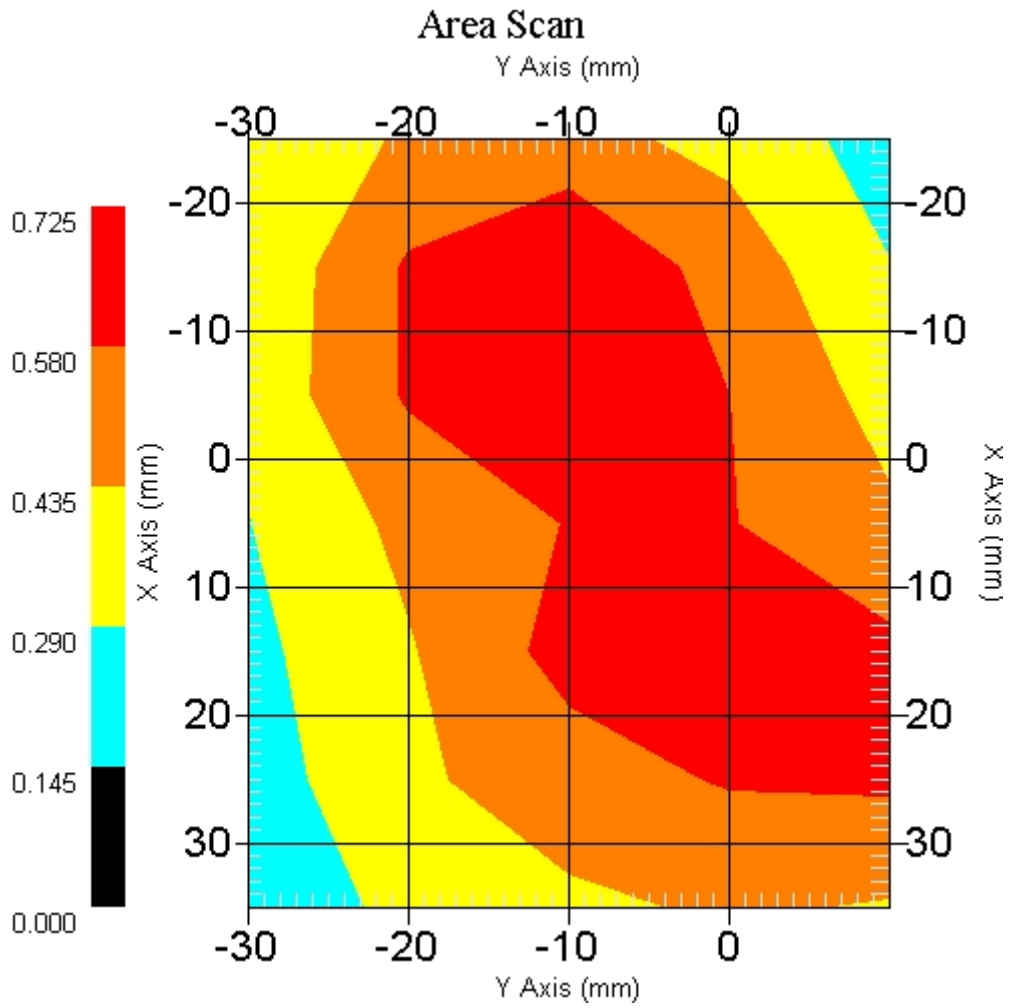
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Low - 25
```




```
1 gram SAR value    : 0.673 W/kg
10 gram SAR value   : 0.398 W/kg
Area Scan Peak SAR  : 0.723 W/kg
Zoom Scan Peak SAR  : 1.080 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 10:36:39 AM
End Time : 27-Apr-2006 11:01:03 AM
Scanning Time : 1464 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Touch
Power Drift-Start : 0.532 W/kg
Power Drift-Finish: 0.508 W/kg
Power Drift (%) : -4.429

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 40.25 F/m
Sigma : 1.42 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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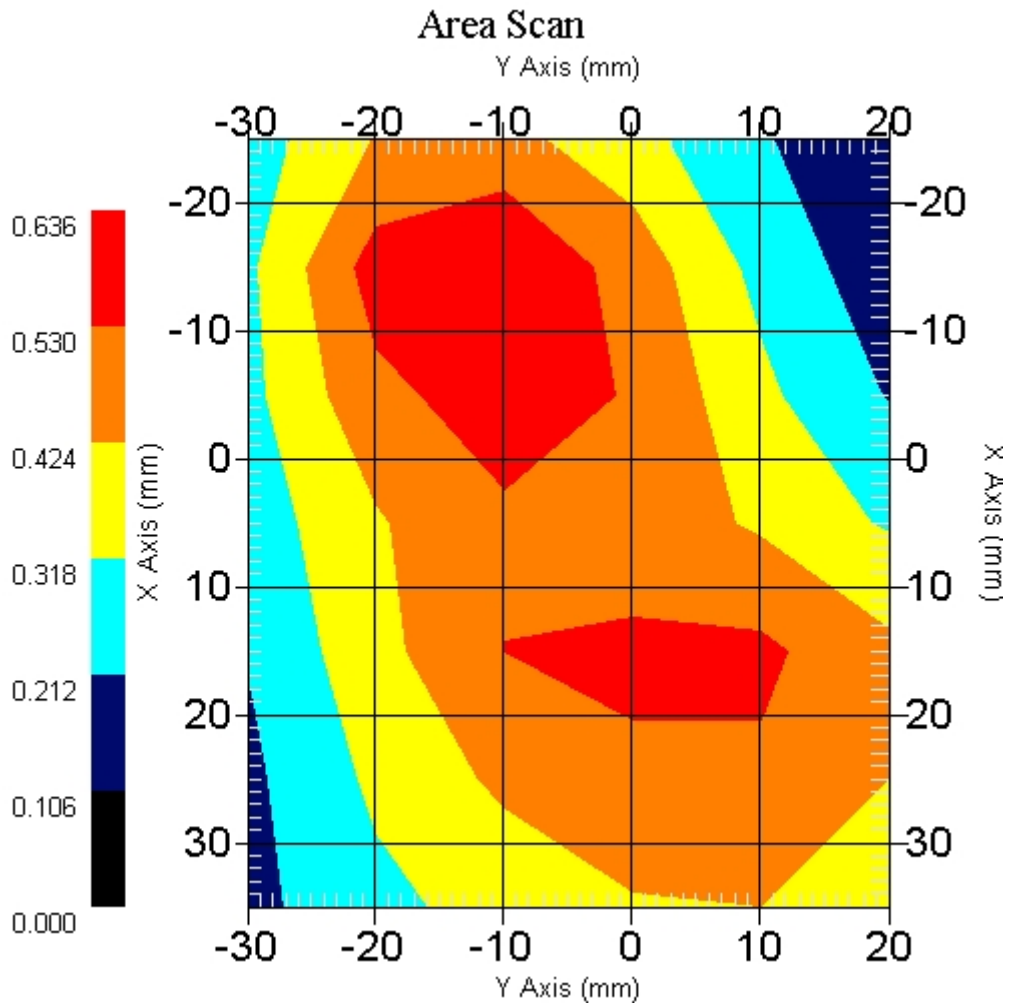
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Touch
Separation        : 0
Channel           : Mid - 600
```




```
1 gram SAR value    : 0.577 W/kg
10 gram SAR value   : 0.331 W/kg
Area Scan Peak SAR  : 0.633 W/kg
Zoom Scan Peak SAR  : 1.040 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 09:10:53 AM
End Time : 27-Apr-2006 09:24:18 AM
Scanning Time : 805 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.777 W/kg
Power Drift-Finish: 0.764 W/kg
Power Drift (%) : -1.659

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 40.25 F/m
Sigma : 1.42 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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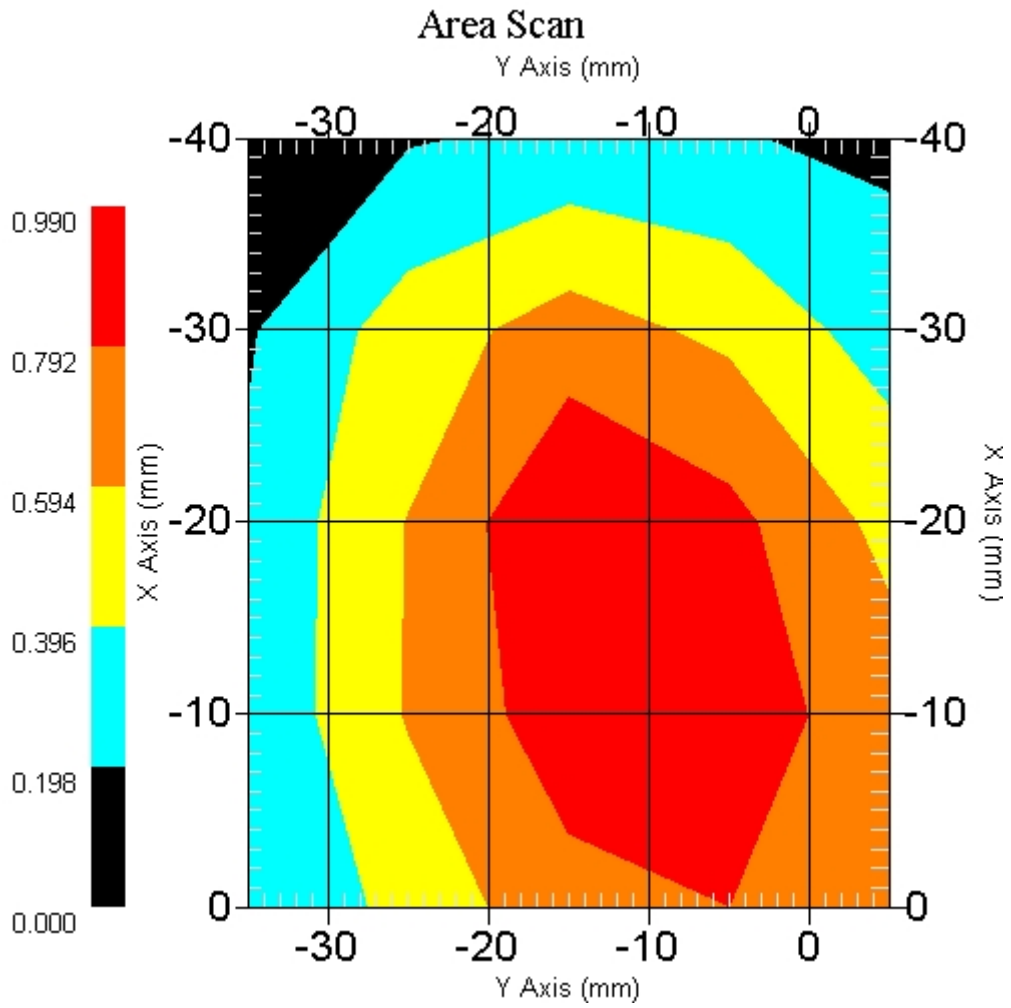
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : Low - 25
```




```
1 gram SAR value    : 0.921 W/kg
10 gram SAR value   : 0.537 W/kg
Area Scan Peak SAR  : 0.989 W/kg
Zoom Scan Peak SAR  : 1.691 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 08:56:33 AM
End Time : 27-Apr-2006 09:10:14 AM
Scanning Time : 821 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.703 W/kg
Power Drift-Finish: 0.677 W/kg
Power Drift (%) : -3.803

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 40.25 F/m
Sigma : 1.42 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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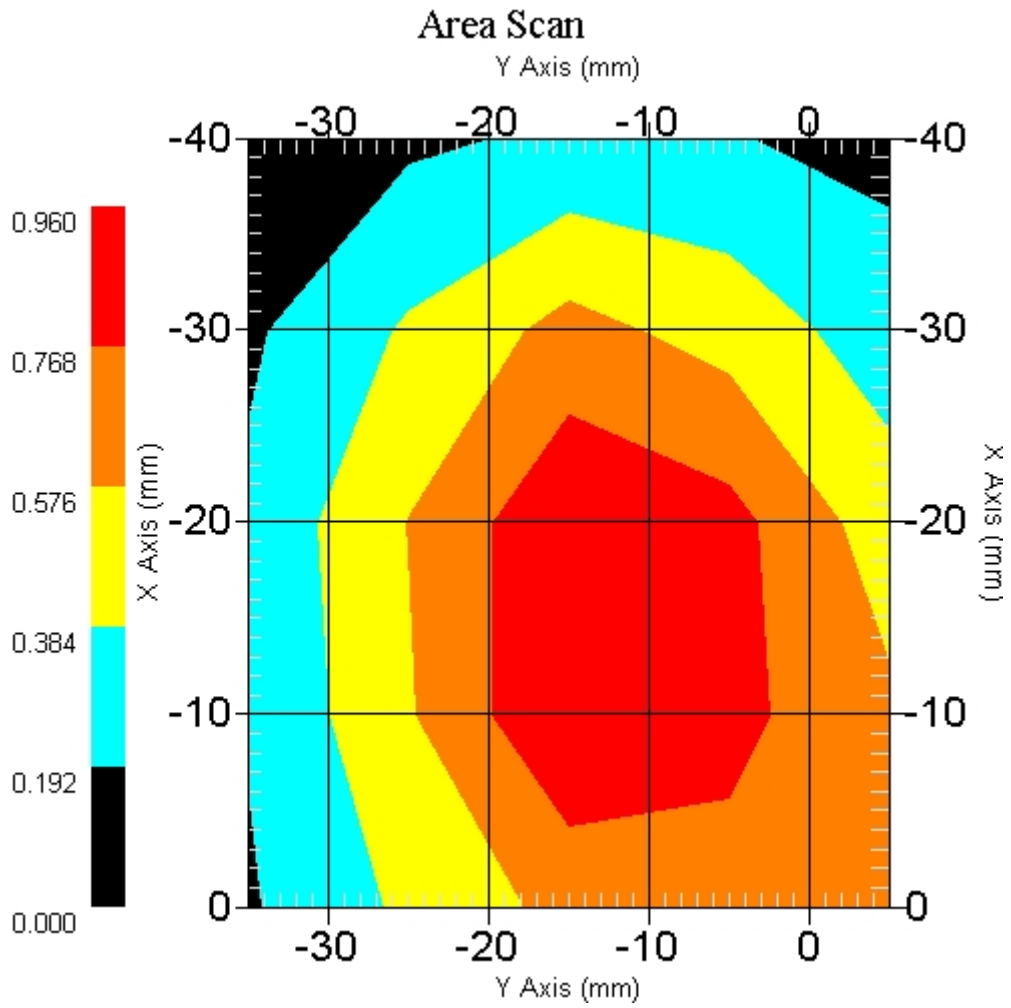
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : Mid - 600
```




```
1 gram SAR value    : 0.918 W/kg
10 gram SAR value   : 0.496 W/kg
Area Scan Peak SAR  : 0.958 W/kg
Zoom Scan Peak SAR  : 1.741 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 27-Apr-2006
Starting Time : 27-Apr-2006 08:39:56 AM
End Time : 27-Apr-2006 08:53:18 AM
Scanning Time : 802 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : 15° Tilt
Power Drift-Start : 0.593 W/kg
Power Drift-Finish: 0.611 W/kg
Power Drift (%) : 3.035

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

Tissue Data
Type : HEAD
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 27-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 40.25 F/m
Sigma : 1.42 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.5
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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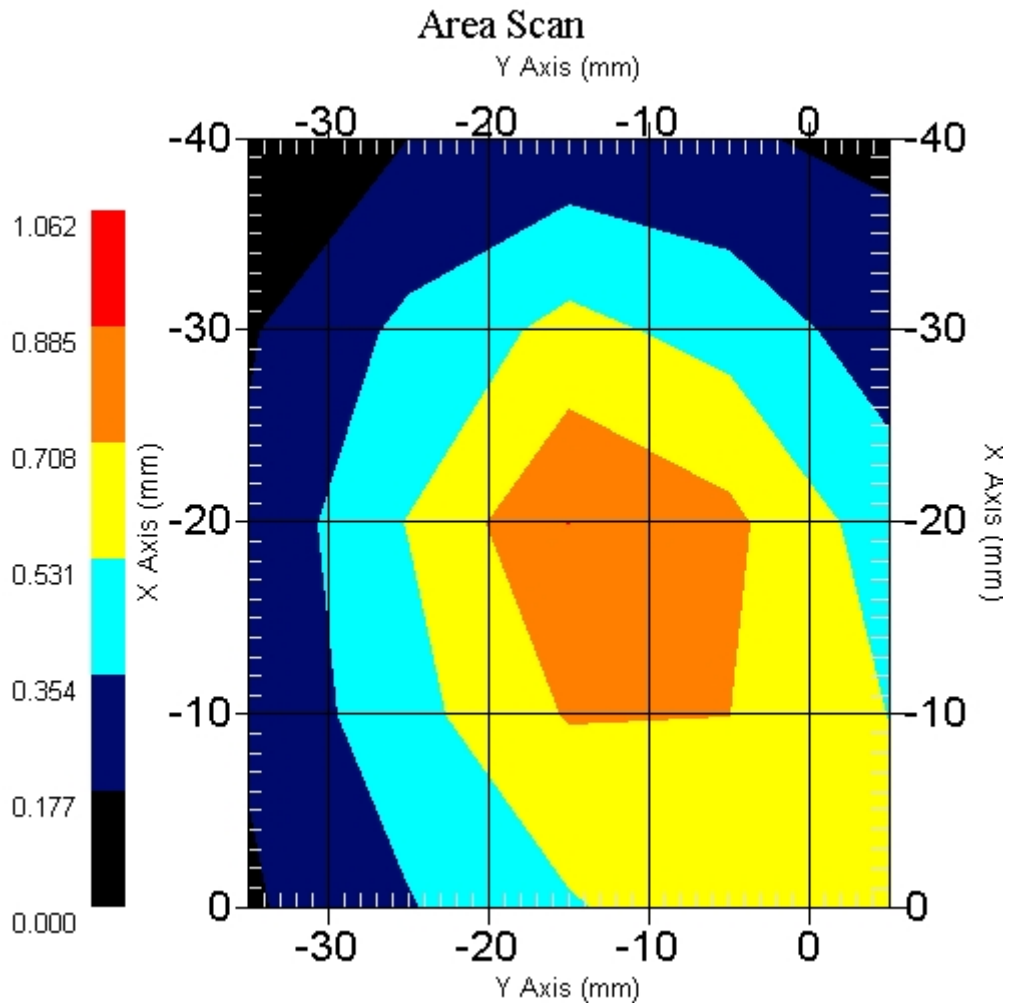
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 27-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 5x5x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : 15° Tilt
Separation        : 0
Channel           : High - 1175
```




```
1 gram SAR value    : 0.786 W/kg
10 gram SAR value   : 0.435 W/kg
Area Scan Peak SAR  : 0.886 W/kg
Zoom Scan Peak SAR  : 1.381 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 28-Apr-2006
Starting Time : 28-Apr-2006 02:41:22 PM
End Time : 28-Apr-2006 02:59:18 PM
Scanning Time : 1076 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Rotated Right 90°
Power Drift-Start : 0.243 W/kg
Power Drift-Finish: 0.258 W/kg
Power Drift (%) : 6.408

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

Tissue Data
Type : BODY
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 28-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 52.71 F/m
Sigma : 1.49 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.8
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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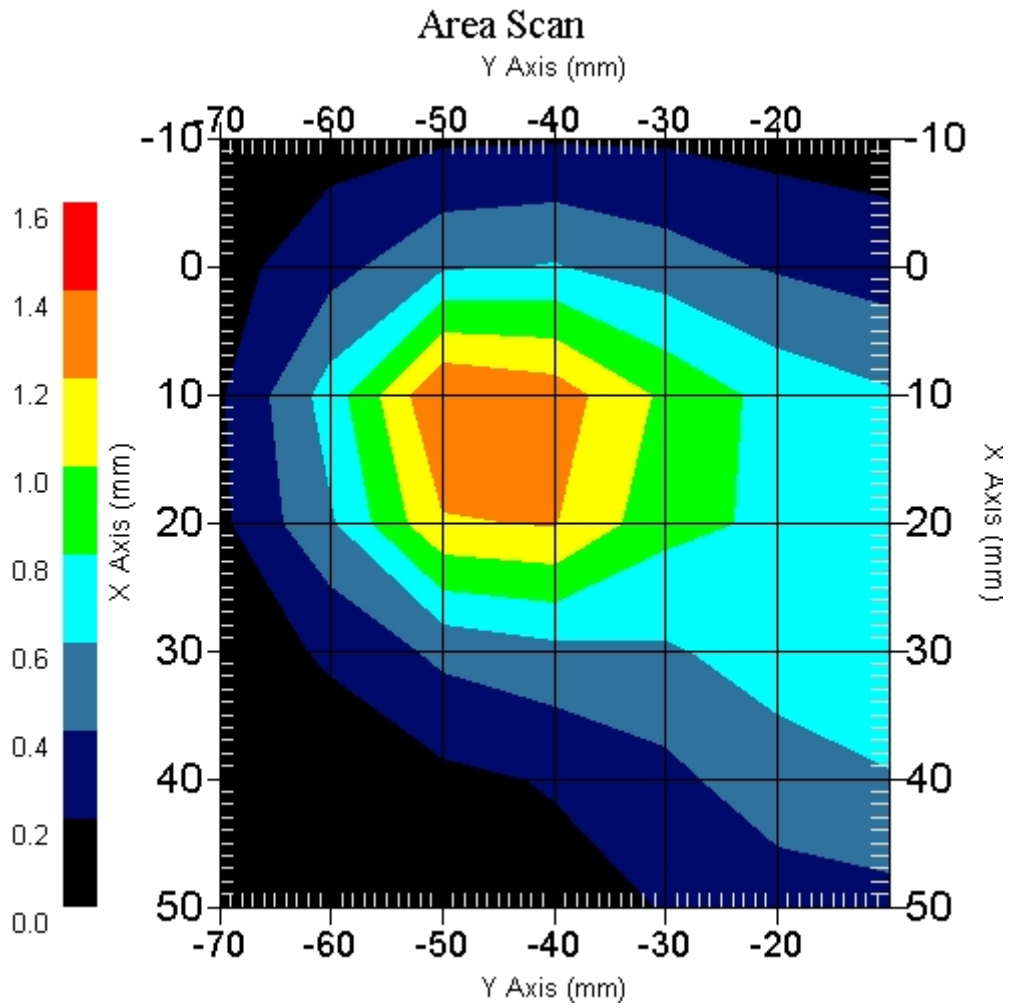
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 28-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Rotated Right 90°
Separation        : 0
Channel           : Low - 25
```




```
1 gram SAR value    : 1.166 W/kg
10 gram SAR value   : 0.685 W/kg
Area Scan Peak SAR  : 1.401 W/kg
Zoom Scan Peak SAR  : 2.302 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 28-Apr-2006
Starting Time : 28-Apr-2006 03:04:44 PM
End Time : 28-Apr-2006 03:22:26 PM
Scanning Time : 1062 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Rotated Right 90°
Power Drift-Start : 0.197 W/kg
Power Drift-Finish: 0.201 W/kg
Power Drift (%) : 2.030

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

Tissue Data
Type : BODY
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 28-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 52.71 F/m
Sigma : 1.49 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.8
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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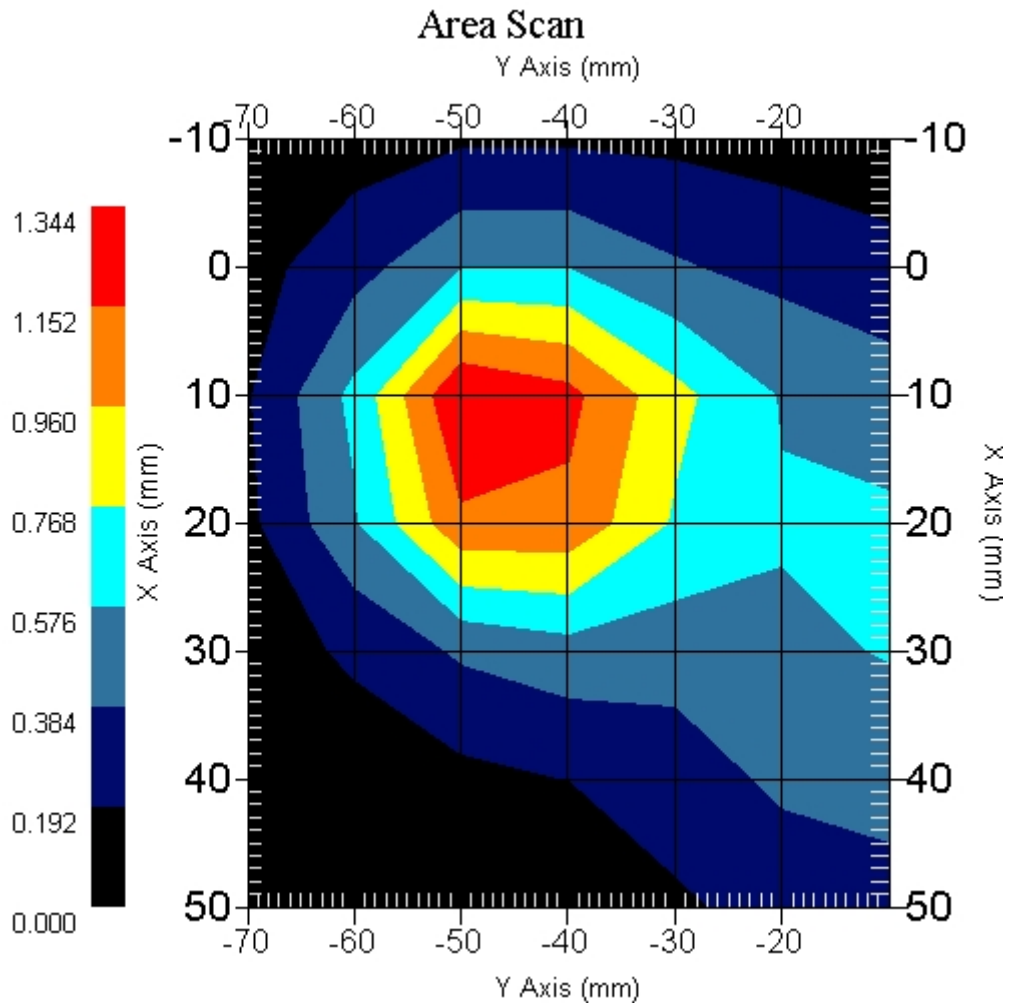
```
Measurement Data
Crest Factor      : 1
Scan Type         : Complete
Tissue Temp.      : 20.00 °C
Ambient Temp.     : 23.00 °C
Set-up Date       : 28-Apr-2006
Set-up Time       : 8:03:59 AM
Area Scan         : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan         : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position      : Rotated Right 90°
Separation        : 0
Channel           : Mid - 600
```




```
1 gram SAR value    : 1.134 W/kg
10 gram SAR value   : 0.632 W/kg
Area Scan Peak SAR  : 1.344 W/kg
Zoom Scan Peak SAR  : 2.071 W/kg
```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SAR Test Report

By Operator : Jay
Measurement Date : 28-Apr-2006
Starting Time : 28-Apr-2006 03:24:22 PM
End Time : 28-Apr-2006 03:42:09 PM
Scanning Time : 1067 secs

Product Data
Device Name : CardioNet
Serial No. : 10061
Type : Std Form Cell Phone
Model : 100-0023-01
Frequency : 1900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 62 mm
Depth : 24 mm
Antenna Type : Stub
Orientation : Rotated Right 90°
Power Drift-Start : 0.202 W/kg
Power Drift-Finish: 0.196 W/kg
Power Drift (%) : -2.991

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

Tissue Data
Type : BODY
Serial No. : 1900
Frequency : 1900.00 MHz
Last Calib. Date : 28-Apr-2006
Temperature : 20.00 °C
Ambient Temp. : 22.00 °C
Humidity : 45.00 RH%
Epsilon : 52.71 F/m
Sigma : 1.49 S/m
Density : 1000.00 kg/cu. m

Probe Data
Name : Probe 215 - RFEL
Model : E020
Type : E-Field Triangle
Serial No. : 215
Last Calib. Date : 10-Jun-2005
Frequency : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.8
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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