SAR System Validation Data

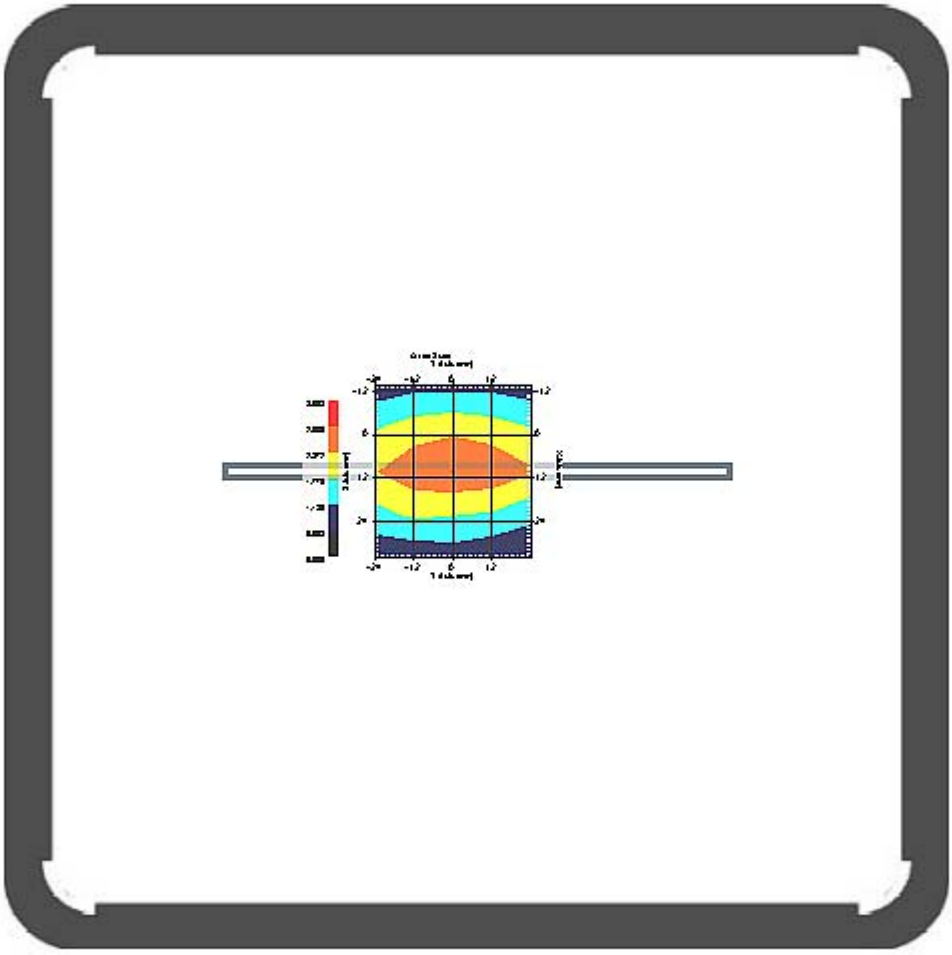
ALSAS-10U VER 2.3.0 APREL Laboratories

SAR Test Report

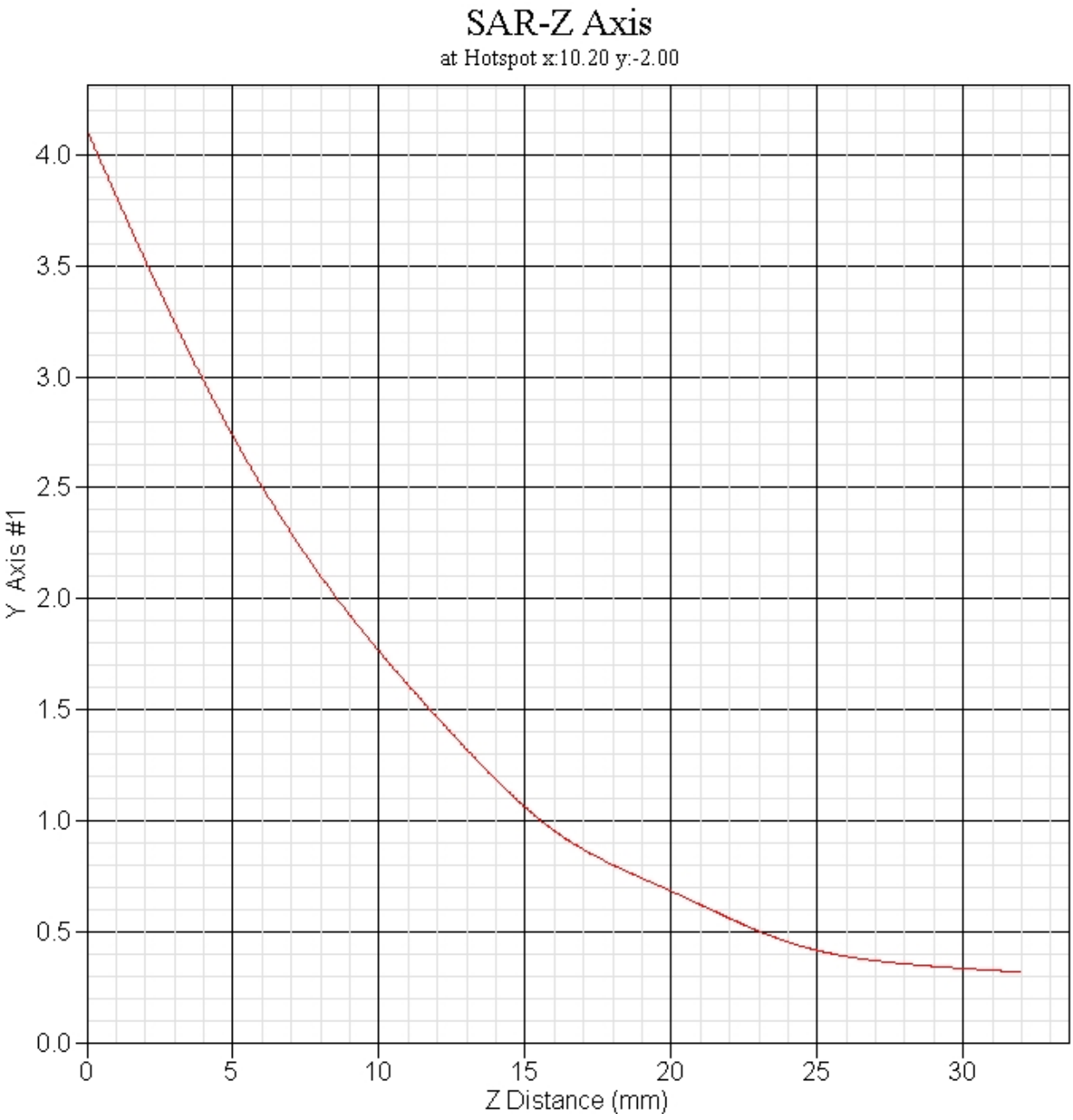
```
Report Date      : 26-Sep-2006
Measurement Date  : 26-Sep-2006

Product Data
Device Name      : Dipole-900
Type            : Dipole
Frequency        : 900.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time       : 0 min(s)
Length          : 149 mm
Width           : 3.6 mm
Depth           : 83.3 mm
Power Drift-Start : 2.420 W/kg
Power Drift-Finish: 2.431 W/kg
Power Drift (%)   : 0.455

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

Tissue Data
Type            : HEAD
Serial No.       : 323-H
Frequency        : 900.00 MHz
Last Calib. Date : 26-Sep-2006
Temperature      : 22.10 °C
Ambient Temp.    : 22.40 °C
Humidity         : 53.00 RH%
Epsilon          : 40.33 F/m
Sigma           : 0.996 S/m
Density          : 1000.00 kg/cu. m

Probe Data
Name            : Probe 264
Model           : E020
Type            : E-Field Triangle
Serial No.       : 264
Last Calib. Date : 21-Mar-2006
Frequency        : 900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.2
Probe Sensitivity: 1.20  1.20  1.20   μV/(V/m)²
Compression Point: 95.00 mV
Offset          : 1.56 mm
```

Measurement Data
Crest Factor : 1
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

Frequency : 900



1 gram SAR value : 2.706 W/kg
10 gram SAR value : 1.733 W/kg
Area Scan Peak SAR : 2.967 W/kg
Zoom Scan Peak SAR : 4.113 W/kg


SAR-Z Axis
at Hotspot x:10.20 y:-2.00
Y Axis #1
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
30
Z Distance (mm)

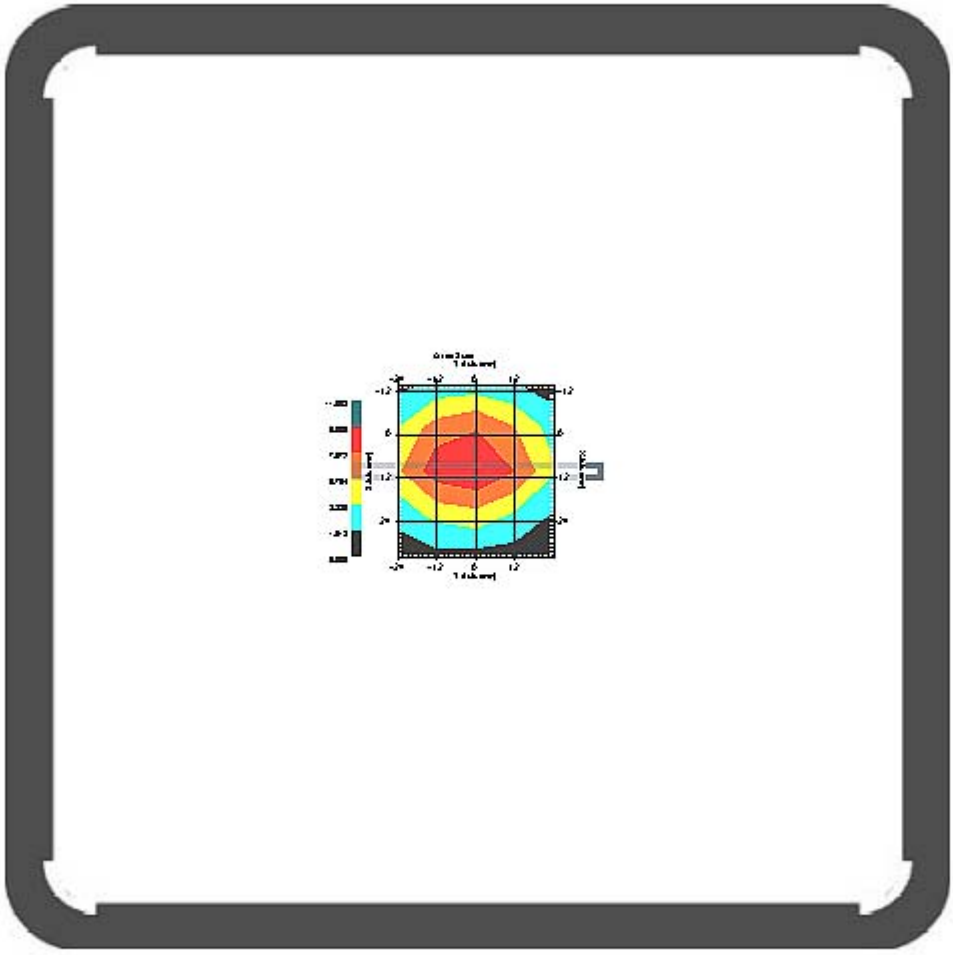
ALSAS-10U VER 2.3.0 APREL Laboratories

SAR Test Report

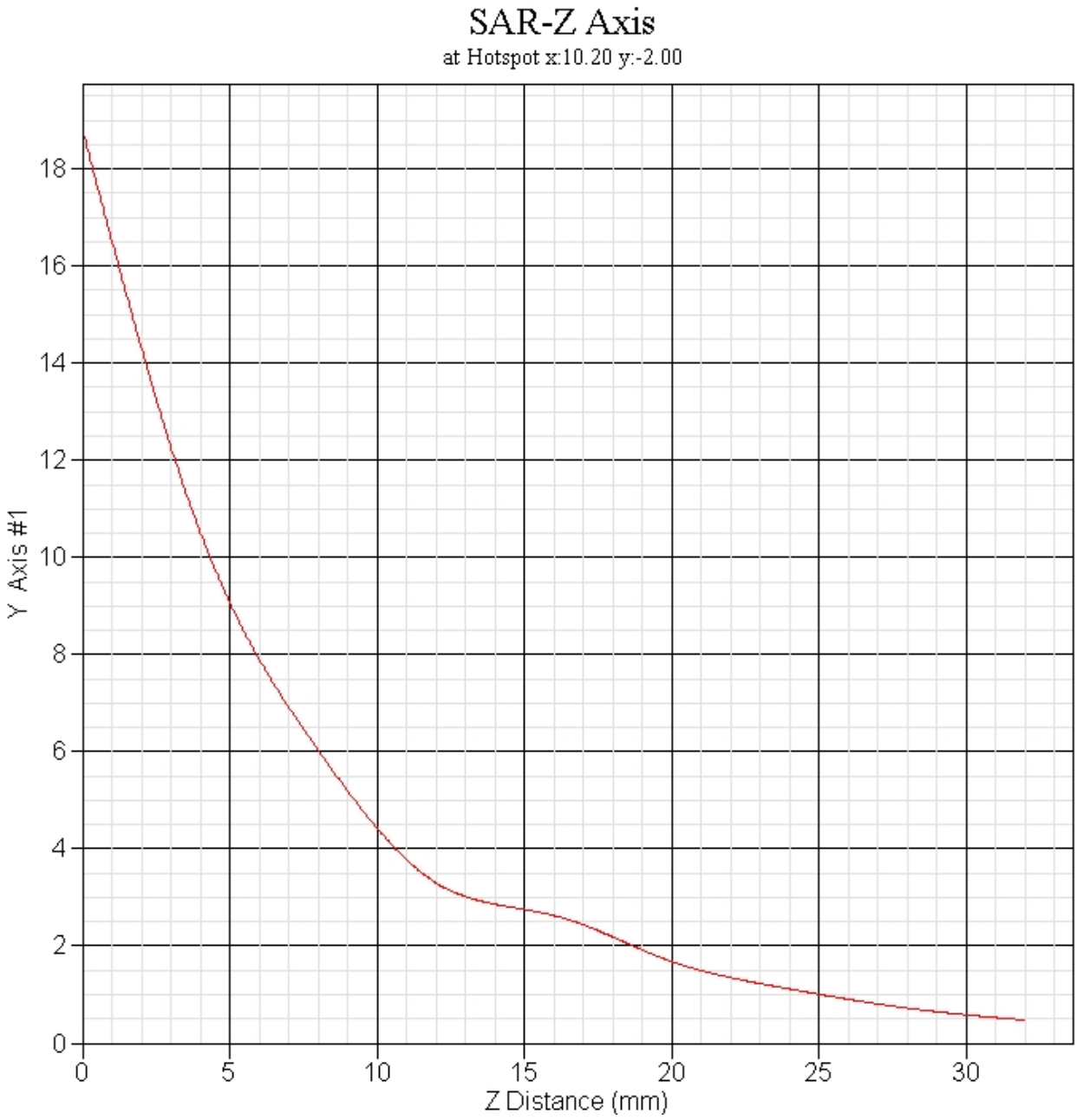
```
Report Date      : 26-Sep-2006
Measurement Date  : 26-Sep-2006

Product Data
Device Name      : Dipole-1800
Type            : Dipole
Frequency        : 1800.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time       : 0 min(s)
Length          : 72 mm
Width           : 3.6 mm
Depth           : 41.7 mm
Power Drift-Start : 8.594 W/kg
Power Drift-Finish: 8.613 W/kg
Power Drift (%)   : 0.231

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

Tissue Data
Type            : HEAD
Serial No.       : 324-H
Frequency        : 1800.00 MHz
Last Calib. Date : 26-Sep-2006
Temperature      : 22.10 °C
Ambient Temp.    : 22.40 °C
Humidity         : 53.00 RH%
Epsilon          : 38.82 F/m
Sigma           : 1.451 S/m
Density          : 1000.00 kg/cu. m

Probe Data
Name            : Probe 264
Model           : E020
Type            : E-Field Triangle
Serial No.       : 264
Last Calib. Date : 21-Mar-2006
Frequency        : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.6
Probe Sensitivity: 1.20  1.20  1.20   μV/(V/m)²
Compression Point: 95.00 mV
Offset          : 1.56 mm
```

Measurement Data
Crest Factor : 1
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

Frequency : 1800



1 gram SAR value : 9.800 W/kg
10 gram SAR value : 5.047 W/kg
Area Scan Peak SAR : 9.590 W/kg
Zoom Scan Peak SAR : 18.816 W/kg


SAR-Z Axis
at Hotspot x:10.20 y:-2.00
Y Axis #1
Z Distance (mm)
0
2
4
6
8
10
12
14
16
18
0
5
10
15
20
25
30

SAR Measurement Data

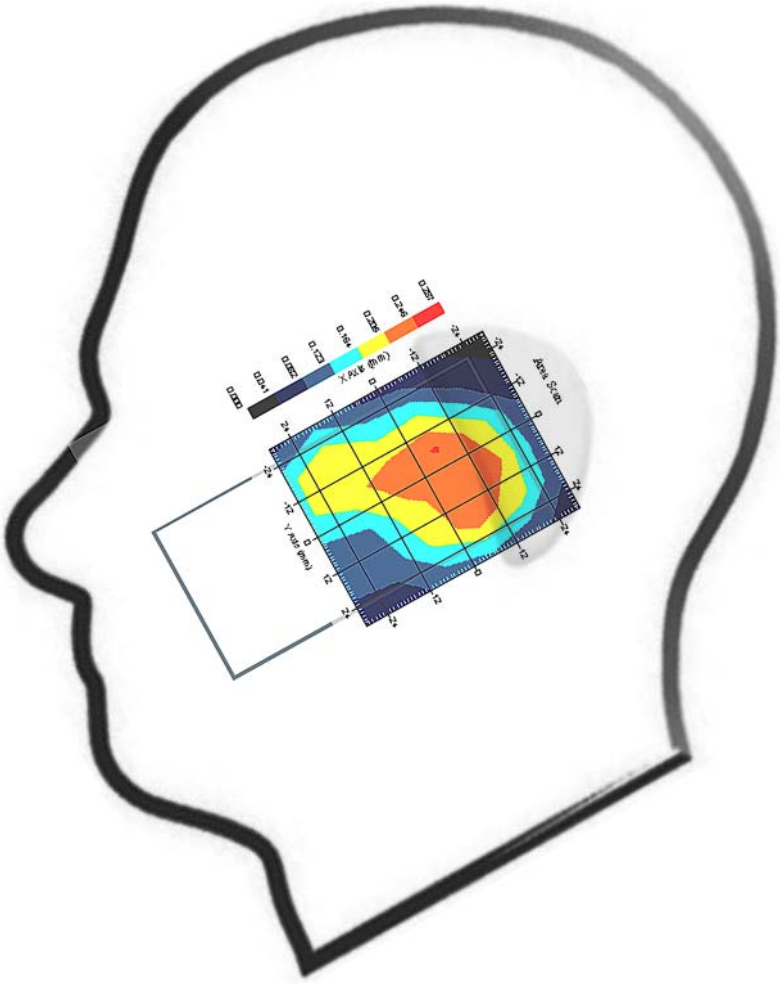
ALSAS-10U VER 2.3.2APREL Laboratories

SAR Test Report

```
Report Date      : 26-Sep-2006
Measurement Date  : 26-Sep-2006

Product Data
Device Name      : Philips
Type            : Std Form Cell Phone
Model           : Xenium9@9m
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 106 mm
Width           : 50.6 mm
Depth           : 18.5 mm
Antenna Type     : Internal

Phantom Data
Type           : SAM-Right
Size (mm)       : 280 x 280 x 280
Location        : Right

Tissue Data
Type           : HEAD
Serial No.      : 324-H
Frequency       : 1900.00 MHz
Last Calib. Date : 26-Sep-2006
Temperature     : 22.10 °C
Ambient Temp.    : 22.40 °C
Humidity        : 53.00 RH%
Epsilon         : 38.94 F/m
Sigma           : 1.447 S/m
Density         : 1000.00 kg/cu. M

Probe Data
Name           : Probe 264
Model          : E020
Type           : E-Field Triangle
Serial No.      : 264
Last Calib. Date : 21-Mar-2006
Frequency       : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.5
Probe Sensitivity: 1.20  1.20  1.20   μV/(V/m)²
Compression Point: 95.00 mV
Offset         : 1.56 mm
```

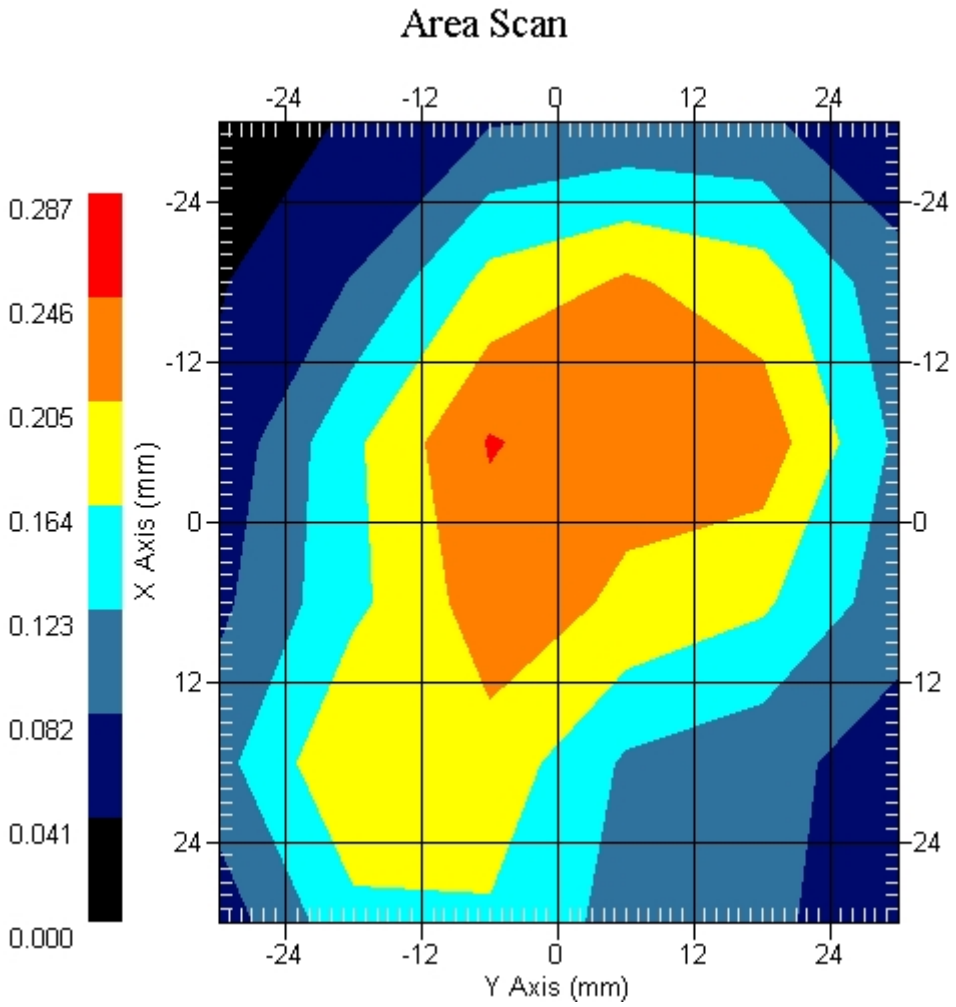
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.272 W/kg
Power Drift-Finish: 0.262 W/kg
Power Drift (%) : -3.756

DUT Position : Touch
Channel : 512



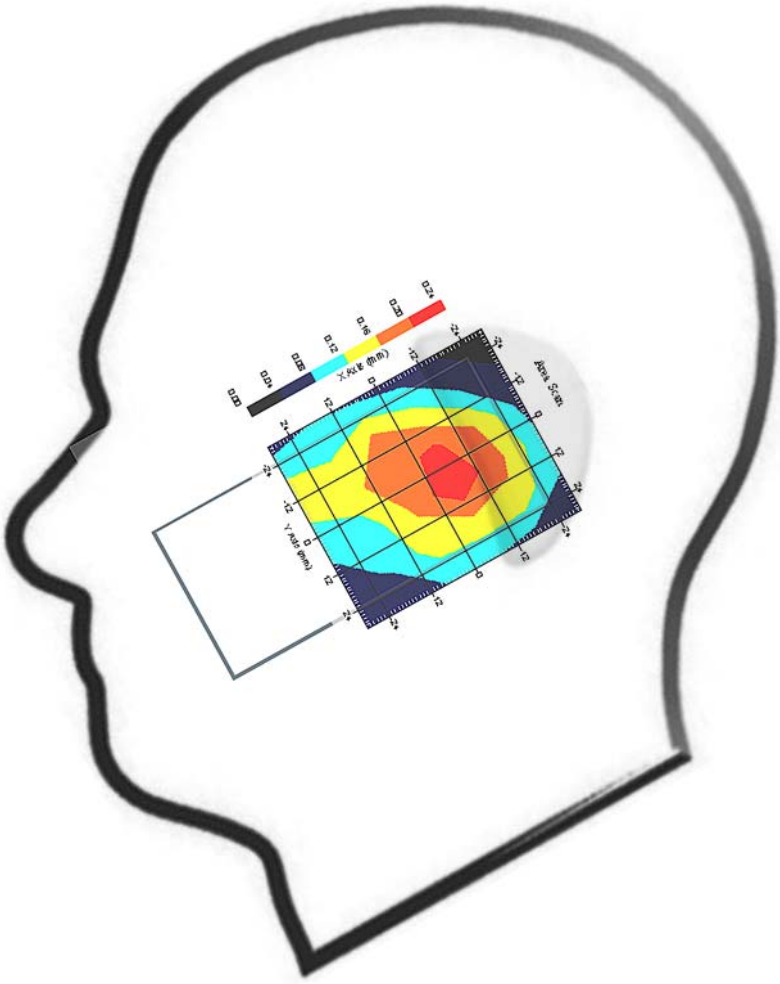
1 gram SAR value : 0.266 W/kg
10 gram SAR value : 0.181 W/kg
Area Scan Peak SAR : 0.249 W/kg
Zoom Scan Peak SAR : 0.430 W/kg

This is previous page plot (zoom in)



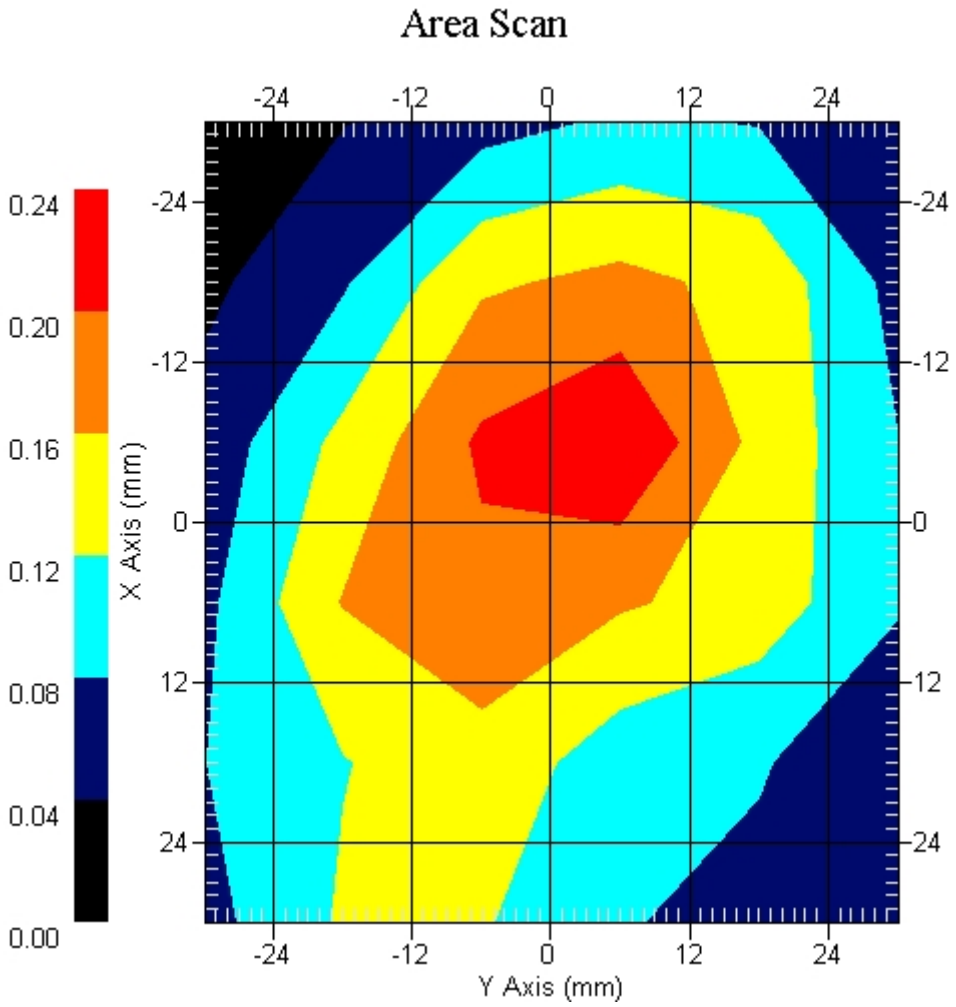
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.222 W/kg
Power Drift-Finish: 0.218 W/kg
Power Drift (%) : -1.871

DUT Position : Touch
Channel : 661



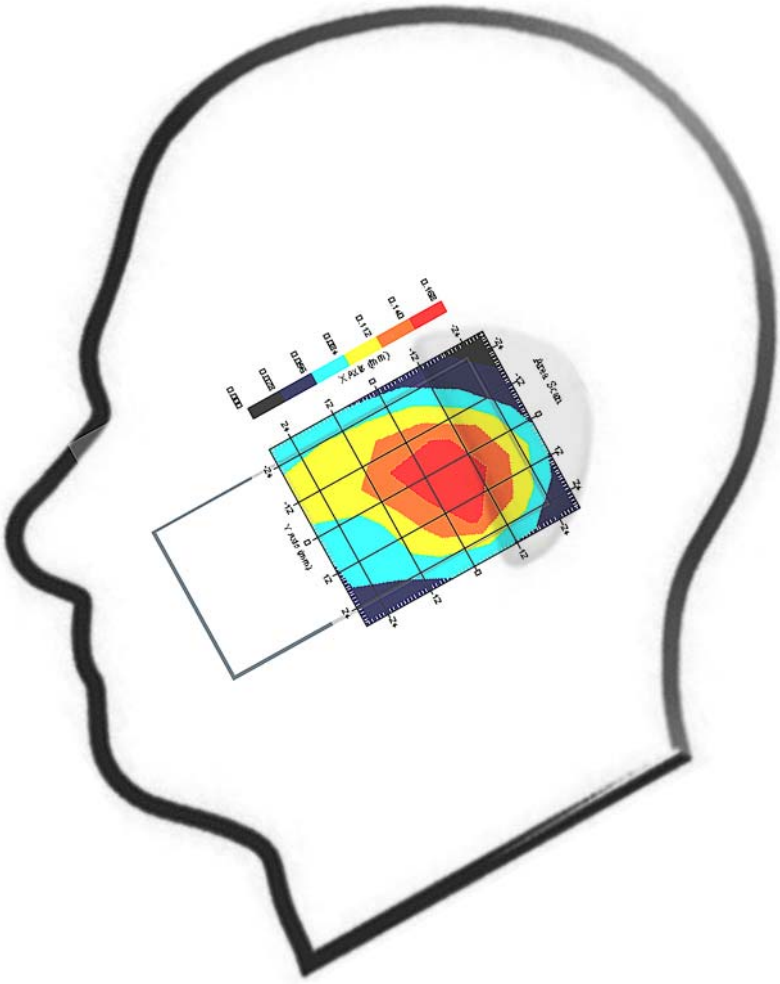
1 gram SAR value : 0.331 W/kg
10 gram SAR value : 0.179 W/kg
Area Scan Peak SAR : 0.237 W/kg
Zoom Scan Peak SAR : 0.590 W/kg

This is previous page plot (zoom in)



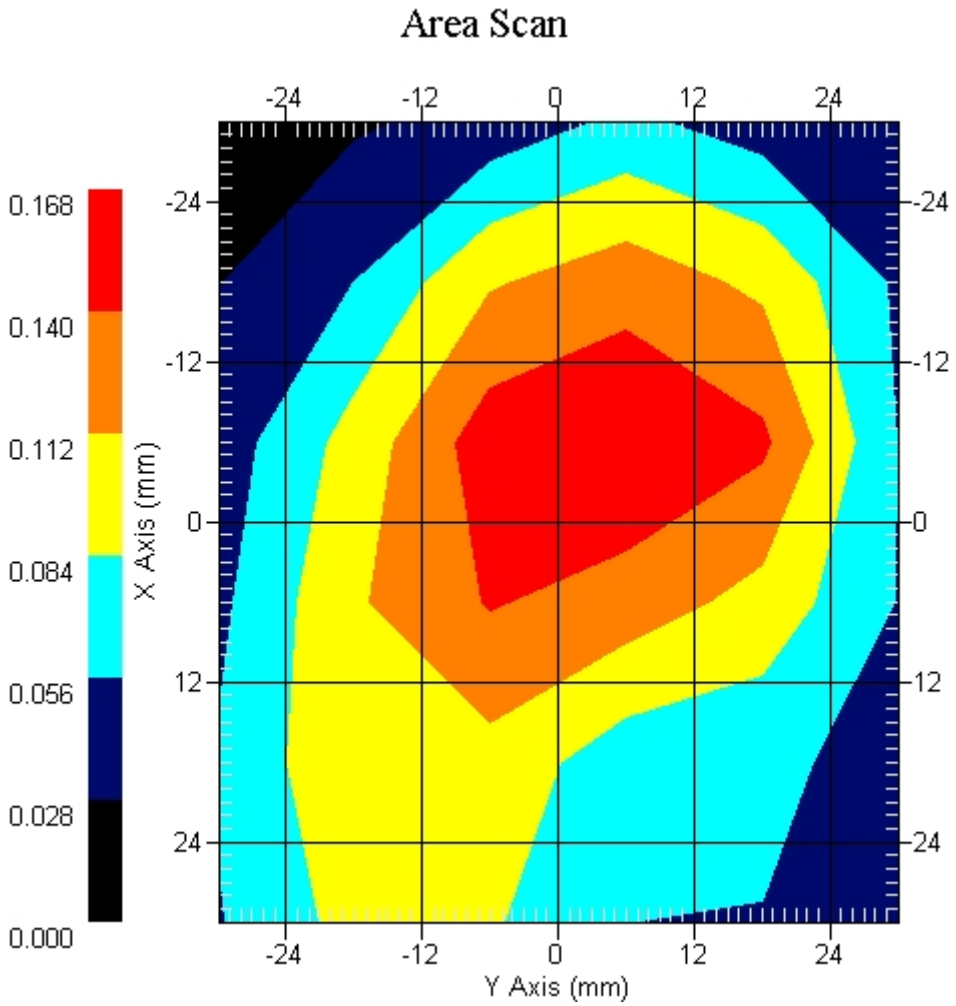
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.163 W/kg
Power Drift-Finish: 0.161 W/kg
Power Drift (%) : -1.376

DUT Position : Touch
Channel : 810



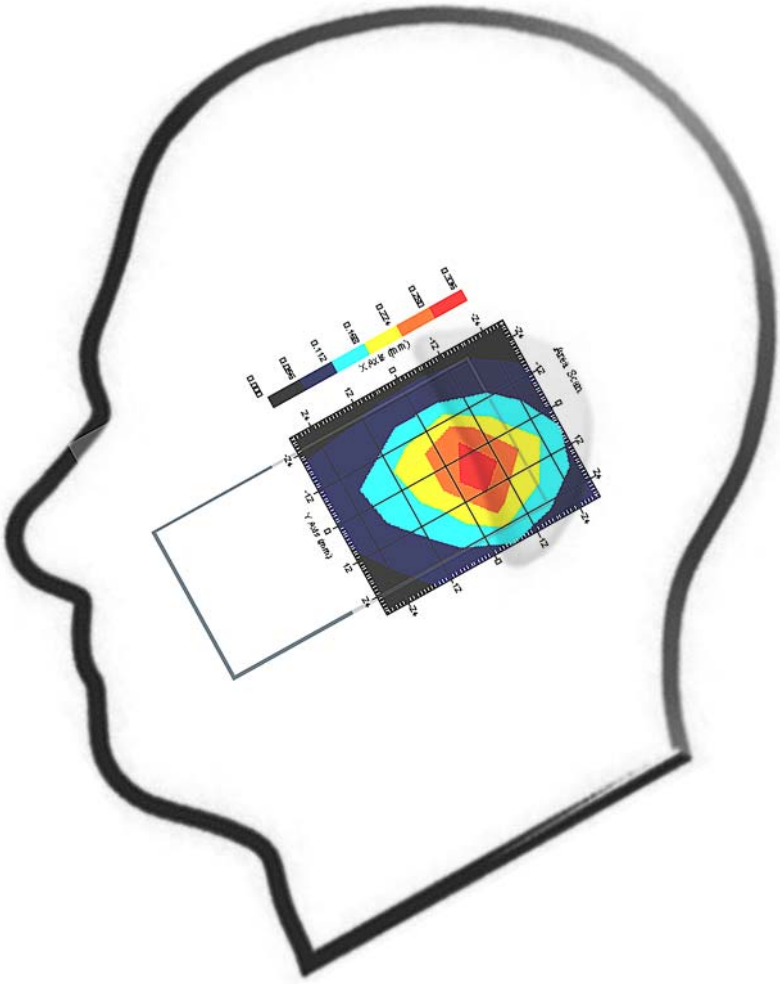
1 gram SAR value : 0.144 W/kg
10 gram SAR value : 0.090 W/kg
Area Scan Peak SAR : 0.167 W/kg
Zoom Scan Peak SAR : 0.250 W/kg

This is previous page plot (zoom in)



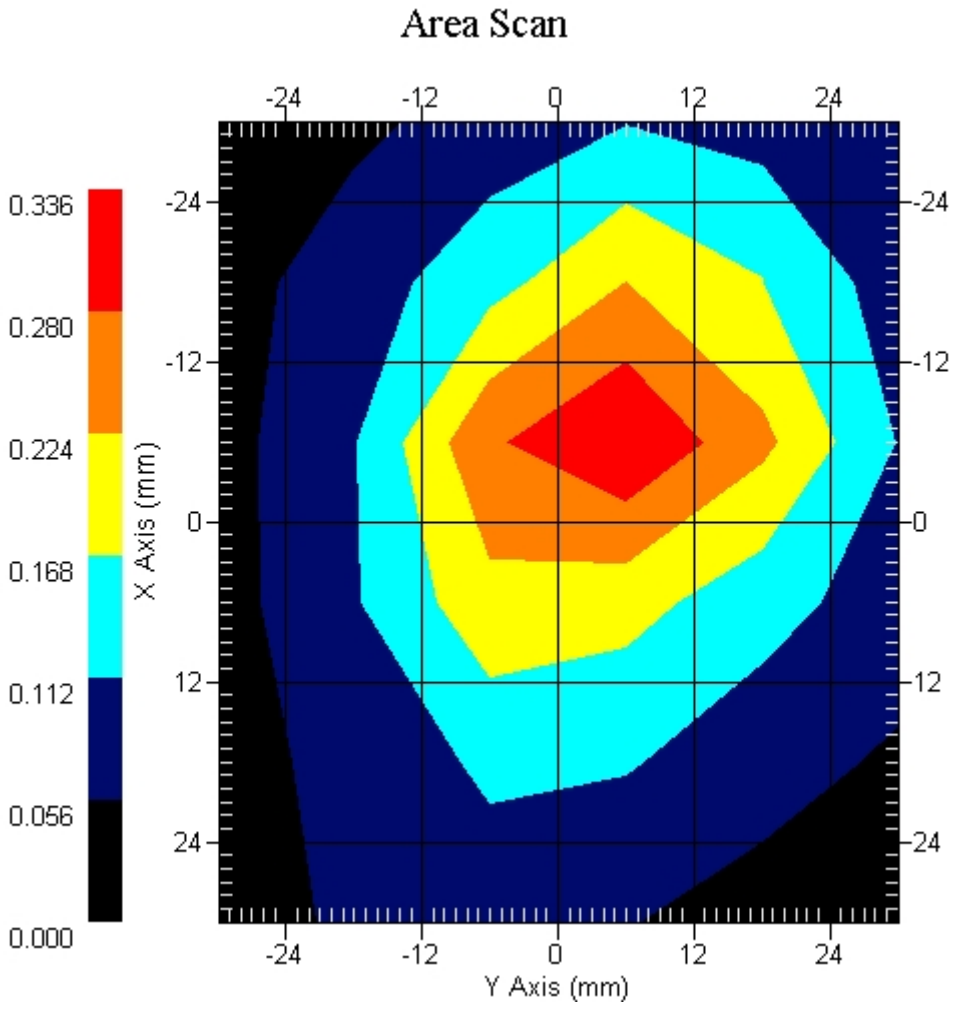
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.315 W/kg
Power Drift-Finish: 0.312 W/kg
Power Drift (%) : -0.922

DUT Position : 15° Tilt
Channel : 512



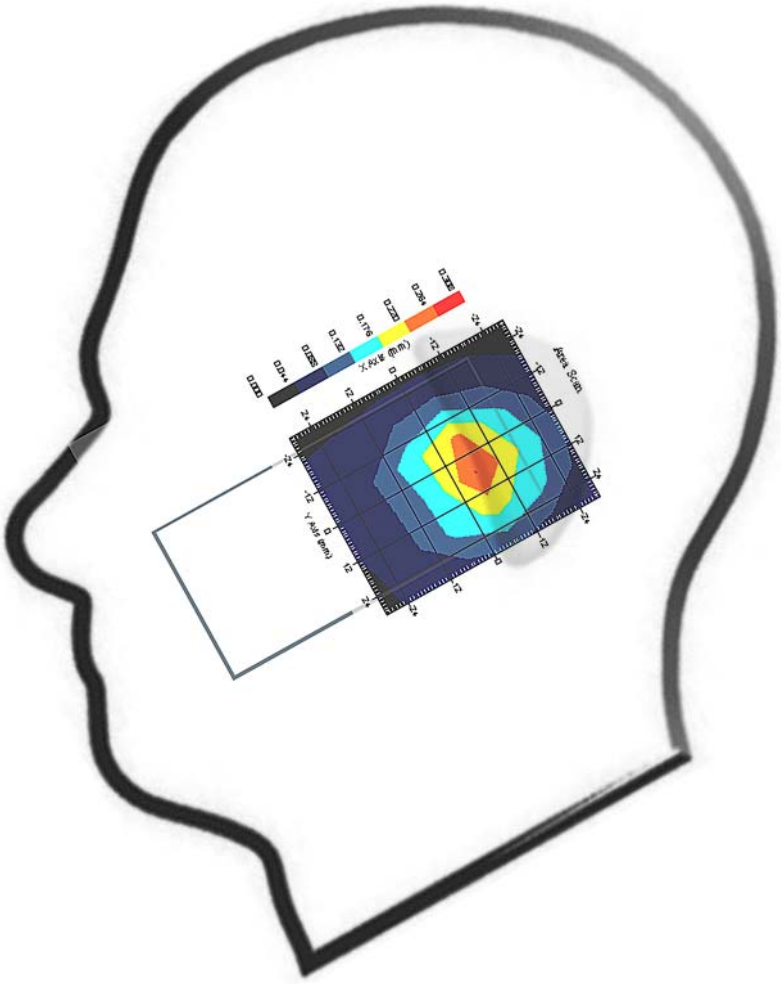
1 gram SAR value : 0.309 W/kg
10 gram SAR value : 0.174 W/kg
Area Scan Peak SAR : 0.334 W/kg
Zoom Scan Peak SAR : 0.530 W/kg

This is previous page plot (zoom in)



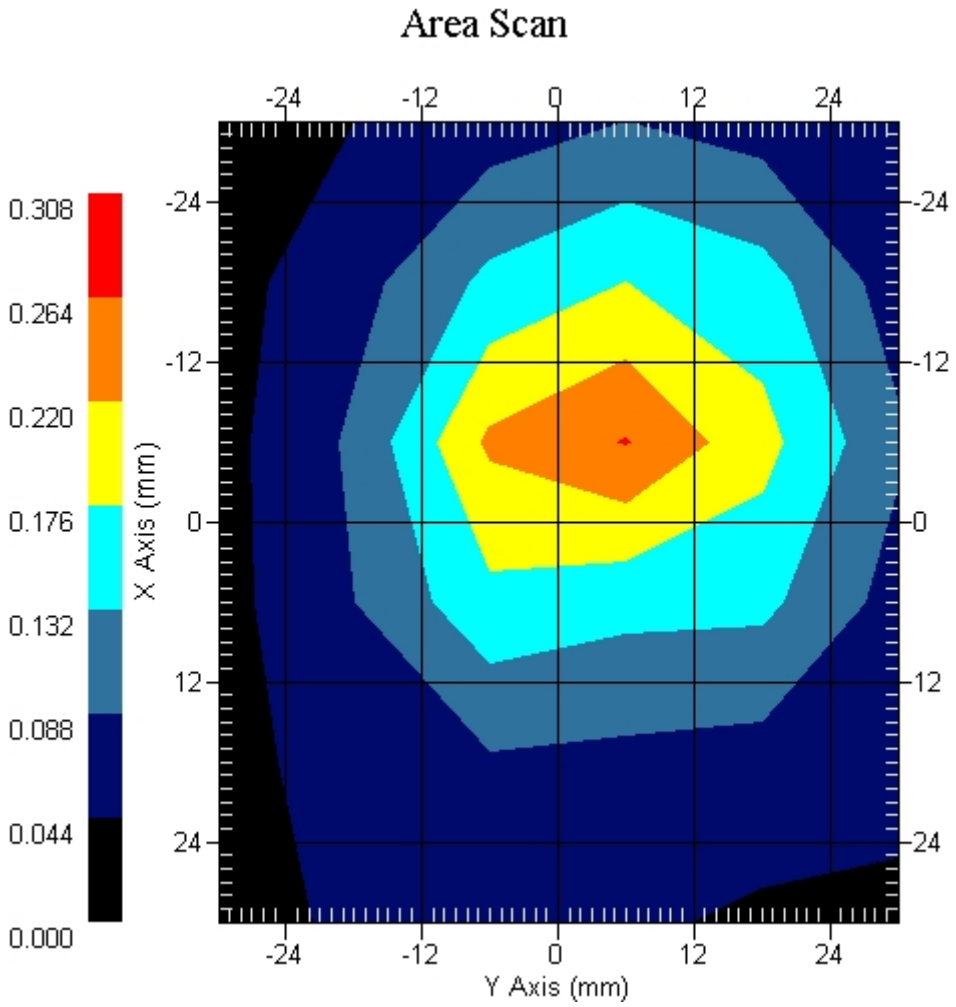
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.257 W/kg
Power Drift-Finish: 0.261 W/kg
Power Drift (%) : 1.730

DUT Position : 15° Tilt
Channel : 661



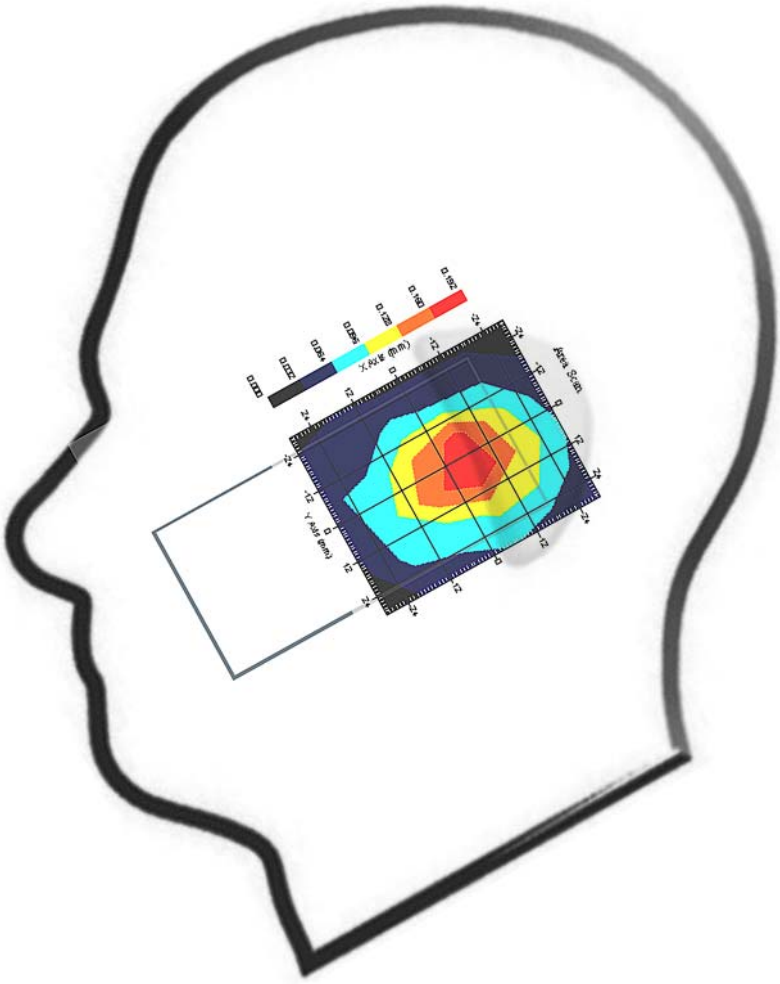
1 gram SAR value : 0.243 W/kg
10 gram SAR value : 0.140 W/kg
Area Scan Peak SAR : 0.266 W/kg
Zoom Scan Peak SAR : 0.420 W/kg

This is previous page plot (zoom in)



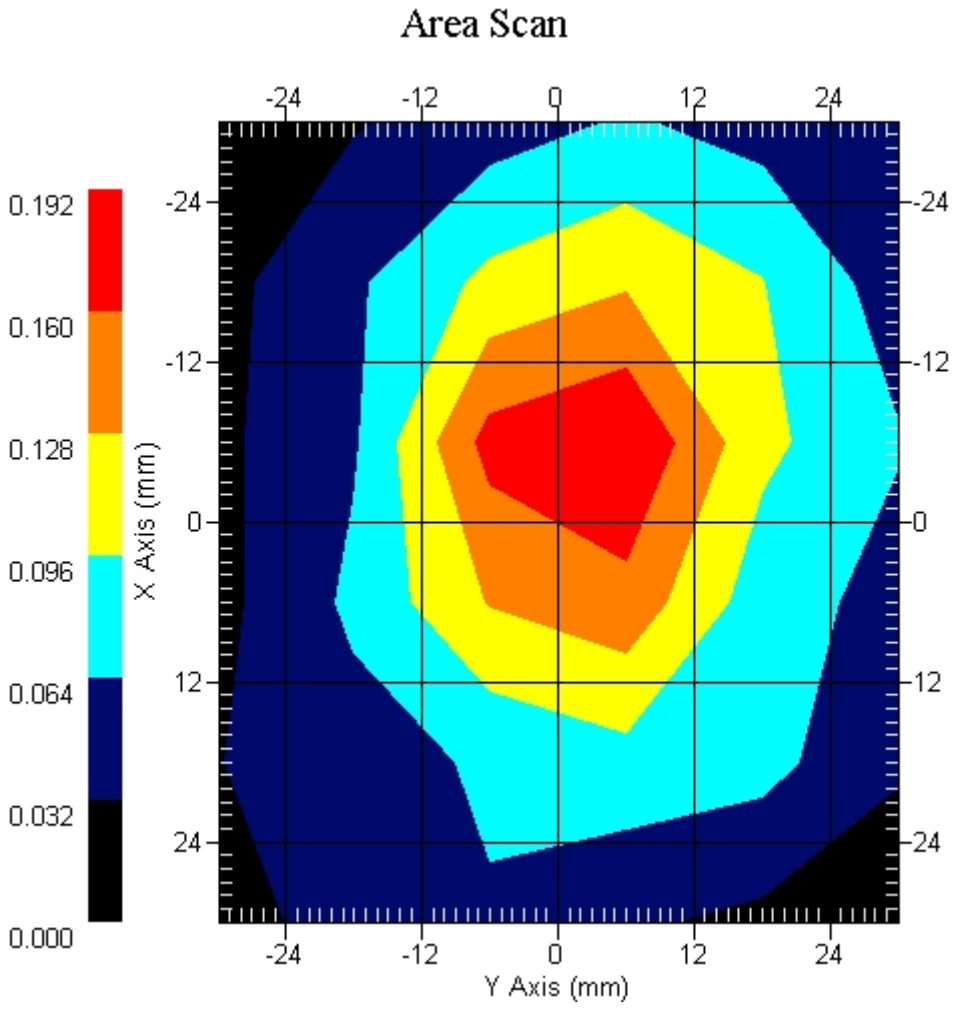
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.150 W/kg
Power Drift-Finish: 0.152 W/kg
Power Drift (%) : 1.300

DUT Position : 15° Tilt
Channel : 810



1 gram SAR value : 0.172 W/kg
10 gram SAR value : 0.103 W/kg
Area Scan Peak SAR : 0.191 W/kg
Zoom Scan Peak SAR : 0.340 W/kg

This is previous page plot (zoom in)



SAR Measurement Data

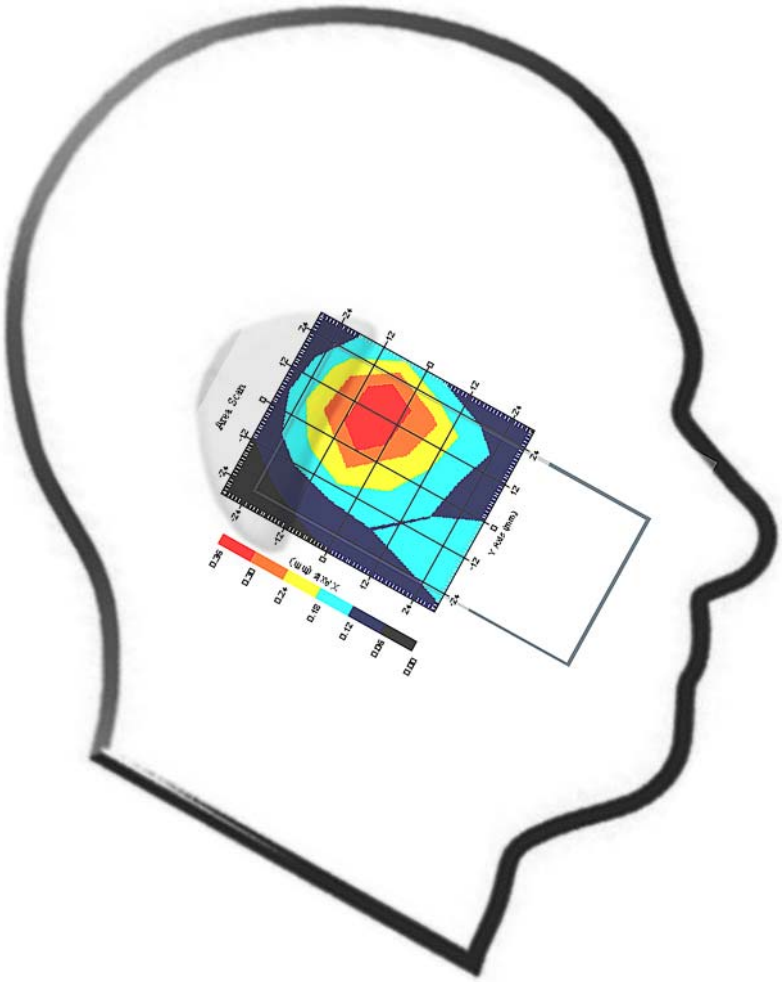
ALSAS-10U VER 2.3.2APREL Laboratories

SAR Test Report

```
Report Date      : 26-Sep-2006
Measurement Date  : 26-Sep-2006

Product Data
Device Name      : Philips
Type            : Std Form Cell Phone
Model           : Xenium9@9m
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 106 mm
Width           : 50.6 mm
Depth           : 18.5 mm
Antenna Type     : Internal

Phantom Data
Type           : SAM-Left
Size (mm)       : 280 x 280 x 280
Location        : Left

Tissue Data
Type           : HEAD
Serial No.      : 324-H
Frequency       : 1900.00 MHz
Last Calib. Date : 26-Sep-2006
Temperature     : 22.10 °C
Ambient Temp.    : 22.40 °C
Humidity        : 53.00 RH%
Epsilon         : 38.94 F/m
Sigma           : 1.447 S/m
Density         : 1000.00 kg/cu. M

Probe Data
Name           : Probe 264
Model          : E020
Type           : E-Field Triangle
Serial No.      : 264
Last Calib. Date : 21-Mar-2006
Frequency       : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.5
Probe Sensitivity: 1.20  1.20  1.20   μV/(V/m)²
Compression Point: 95.00 mV
Offset         : 1.56 mm
```

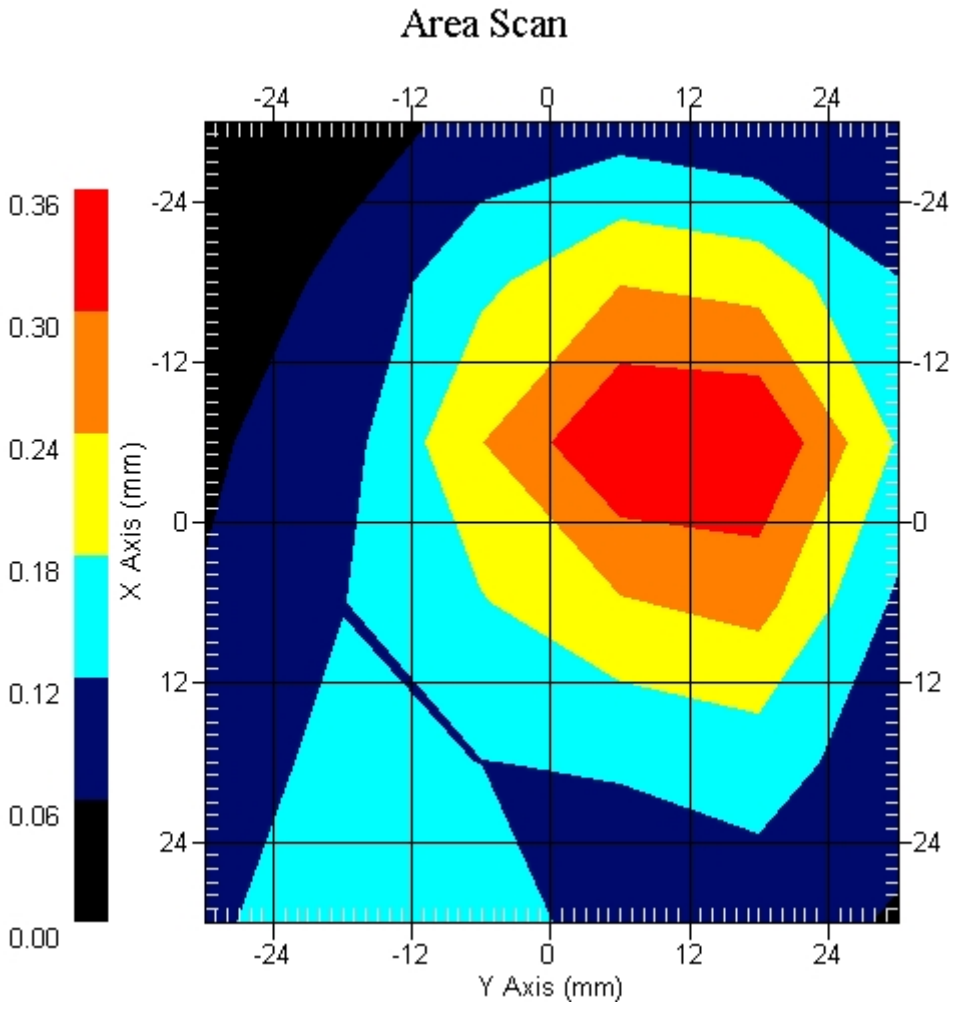
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.229 W/kg
Power Drift-Finish: 0.227 W/kg
Power Drift (%) : -0.698

DUT Position : Touch
Channel : 512



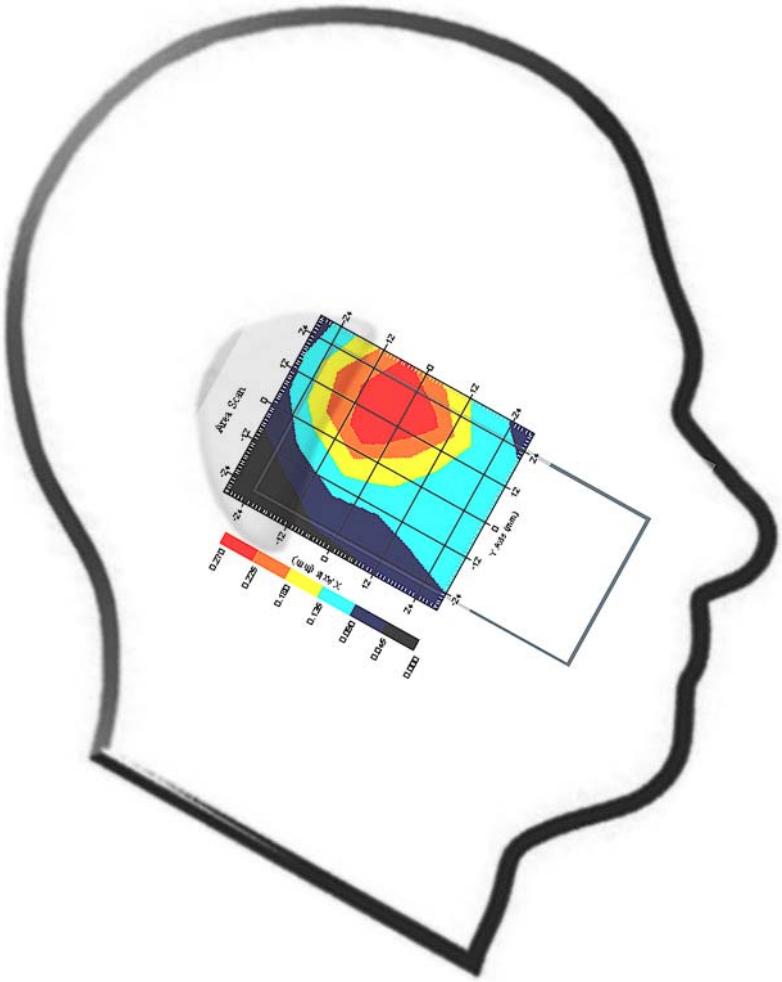
1 gram SAR value : 0.323 W/kg
10 gram SAR value : 0.175 W/kg
Area Scan Peak SAR : 0.359 W/kg
Zoom Scan Peak SAR : 0.570 W/kg

This is previous page plot (zoom in)



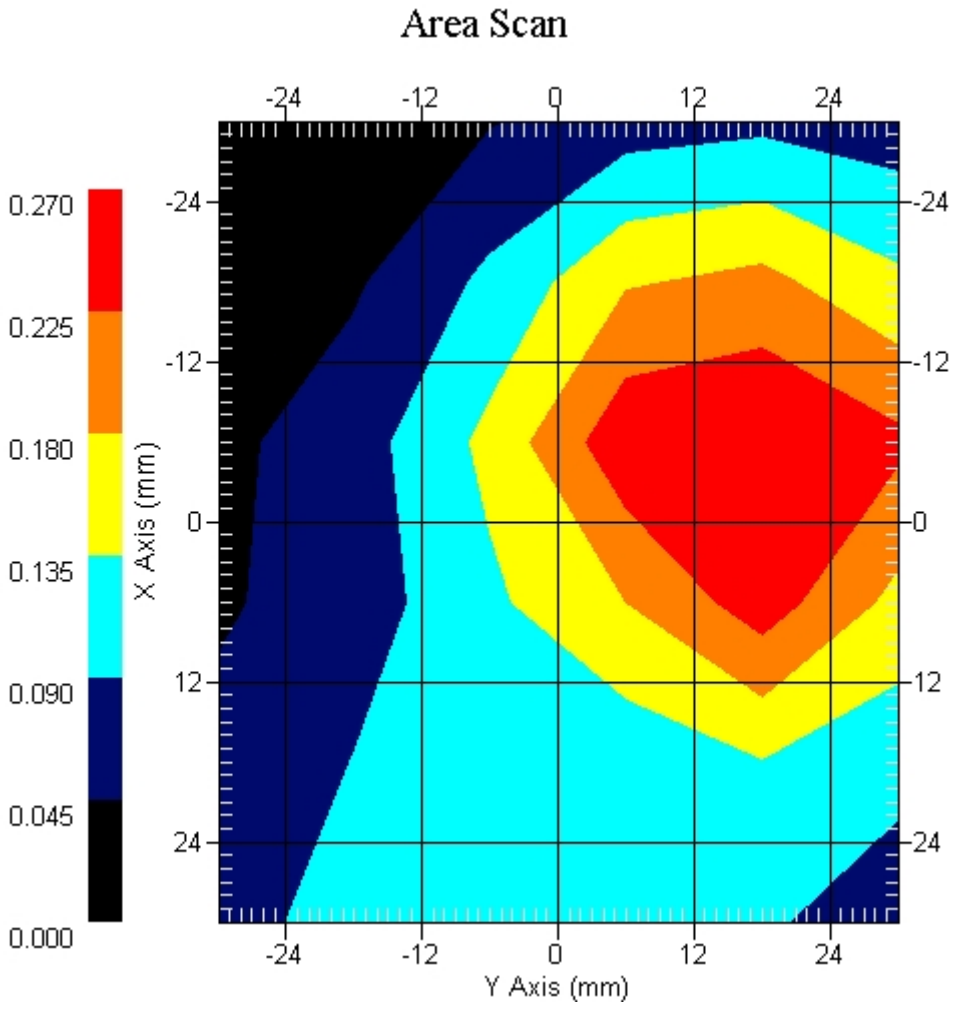
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.160 W/kg
Power Drift-Finish: 0.161 W/kg
Power Drift (%) : 0.445

DUT Position : Touch
Channel : 661



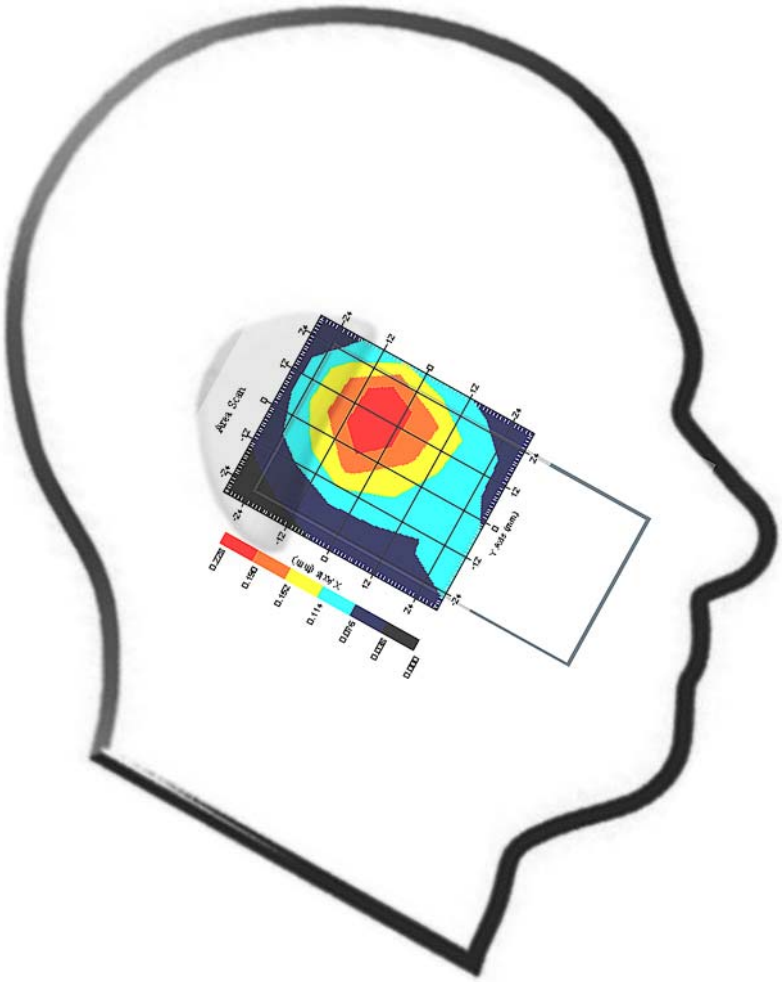
1 gram SAR value : 0.316 W/kg
10 gram SAR value : 0.170 W/kg
Area Scan Peak SAR : 0.270 W/kg
Zoom Scan Peak SAR : 0.580 W/kg

This is previous page plot (zoom in)



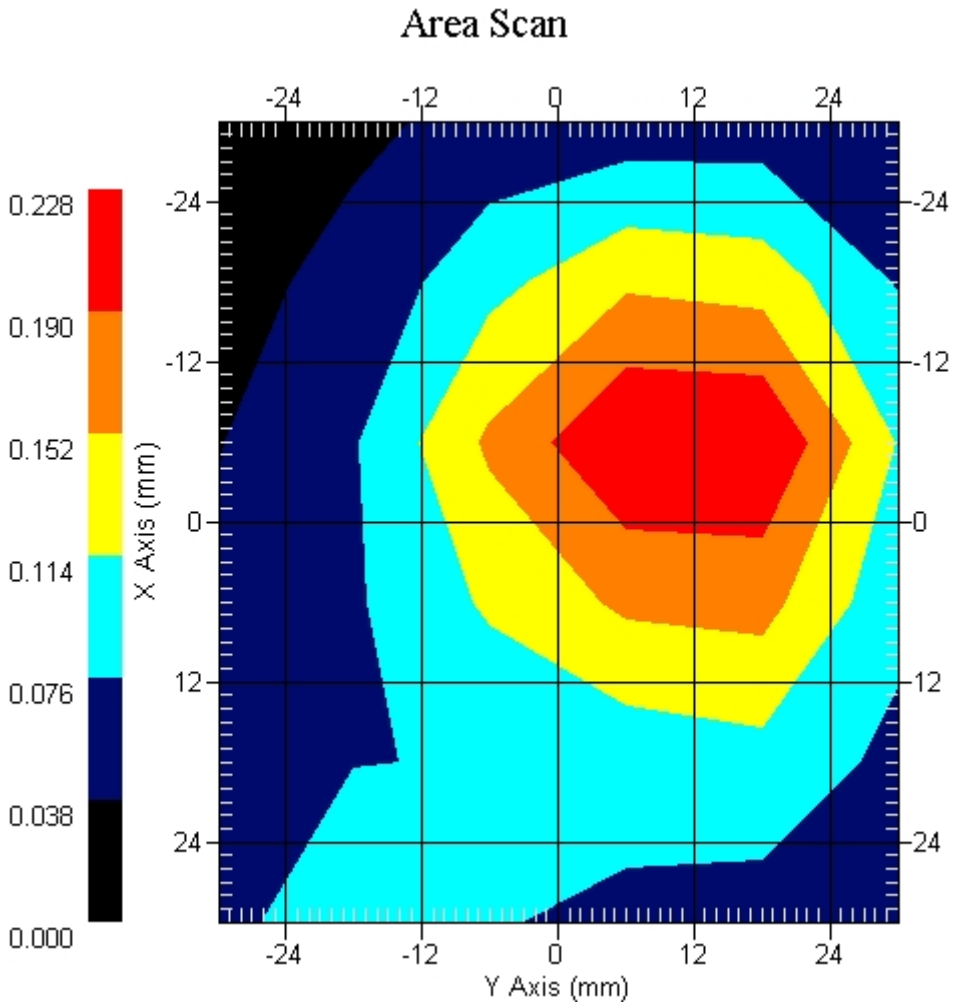
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.147 W/kg
Power Drift-Finish: 0.151 W/kg
Power Drift (%) : 2.629

DUT Position : Touch
Channel : 810



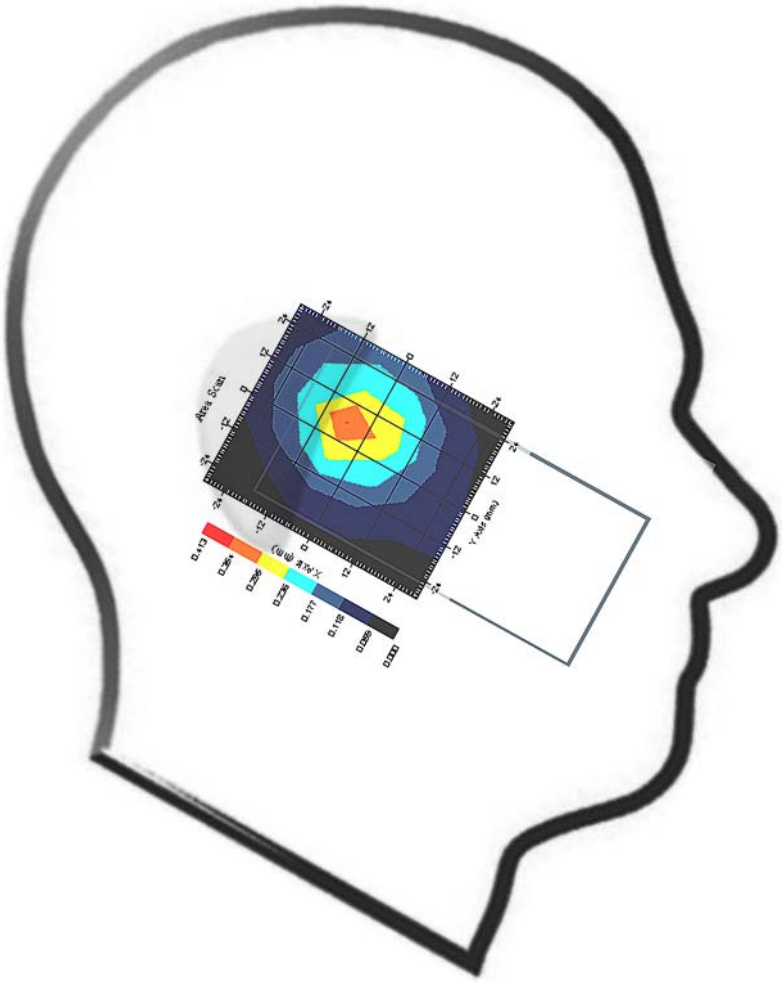
1 gram SAR value : 0.224 W/kg
10 gram SAR value : 0.124 W/kg
Area Scan Peak SAR : 0.227 W/kg
Zoom Scan Peak SAR : 0.380 W/kg

This is previous page plot (zoom in)



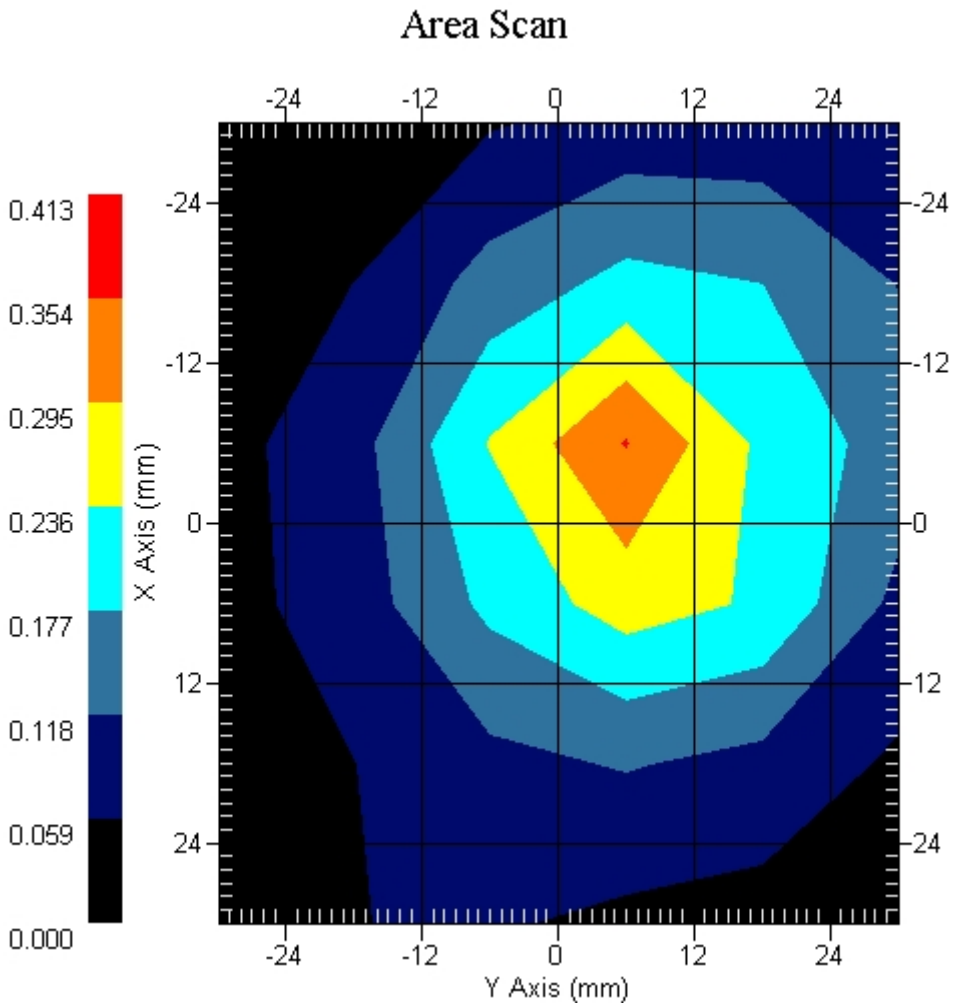
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.248 W/kg
Power Drift-Finish: 0.237 W/kg
Power Drift (%) : -4.439

DUT Position : 15° Tilt
Channel : 512



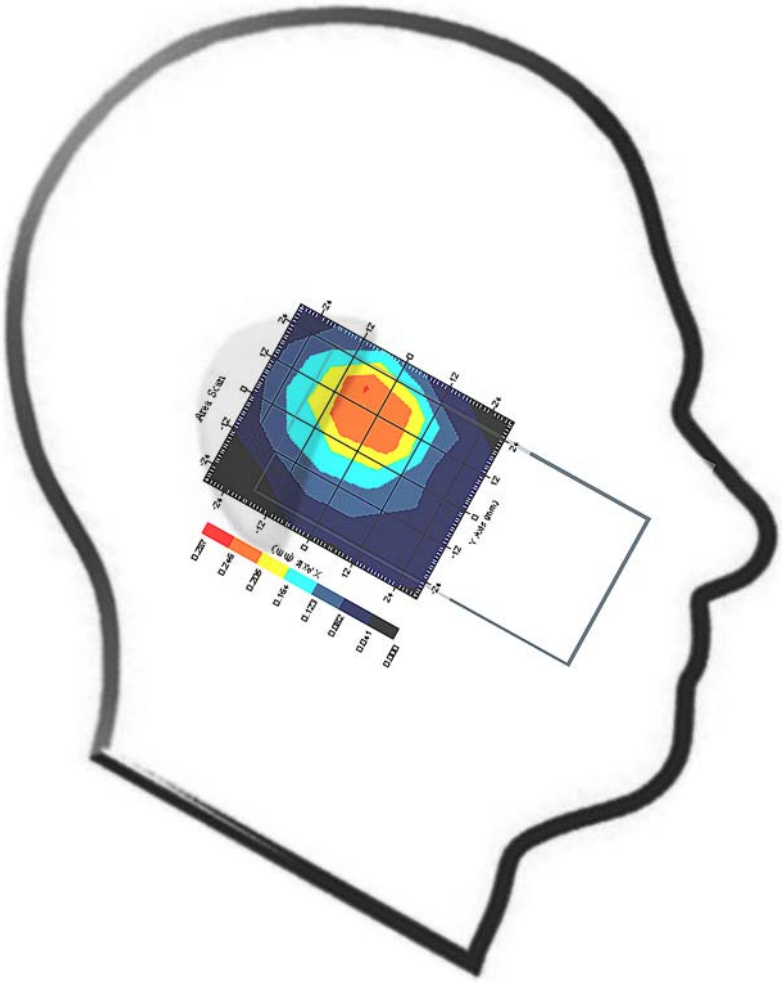
1 gram SAR value : 0.295 W/kg
10 gram SAR value : 0.162 W/kg
Area Scan Peak SAR : 0.357 W/kg
Zoom Scan Peak SAR : 0.510 W/kg

This is previous page plot (zoom in)



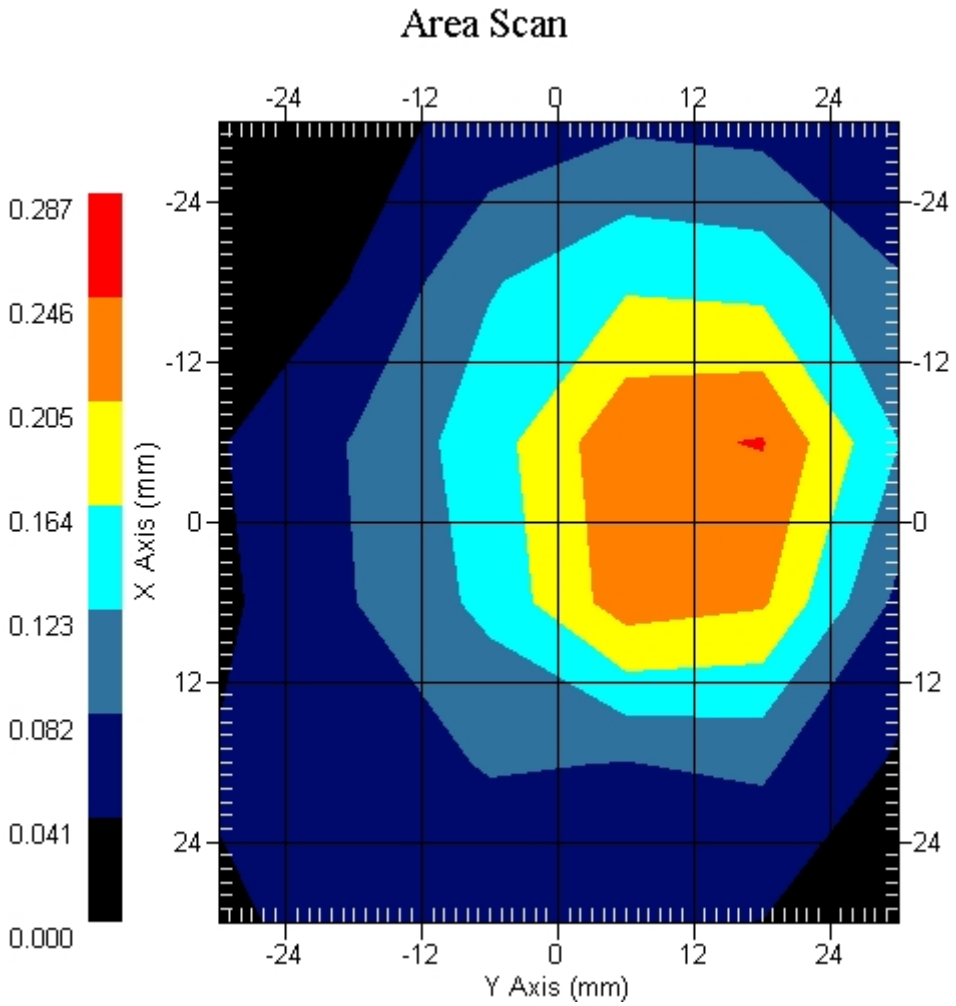
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.211 W/kg
Power Drift-Finish: 0.206 W/kg
Power Drift (%) : -2.489

DUT Position : 15° Tilt
Channel : 810



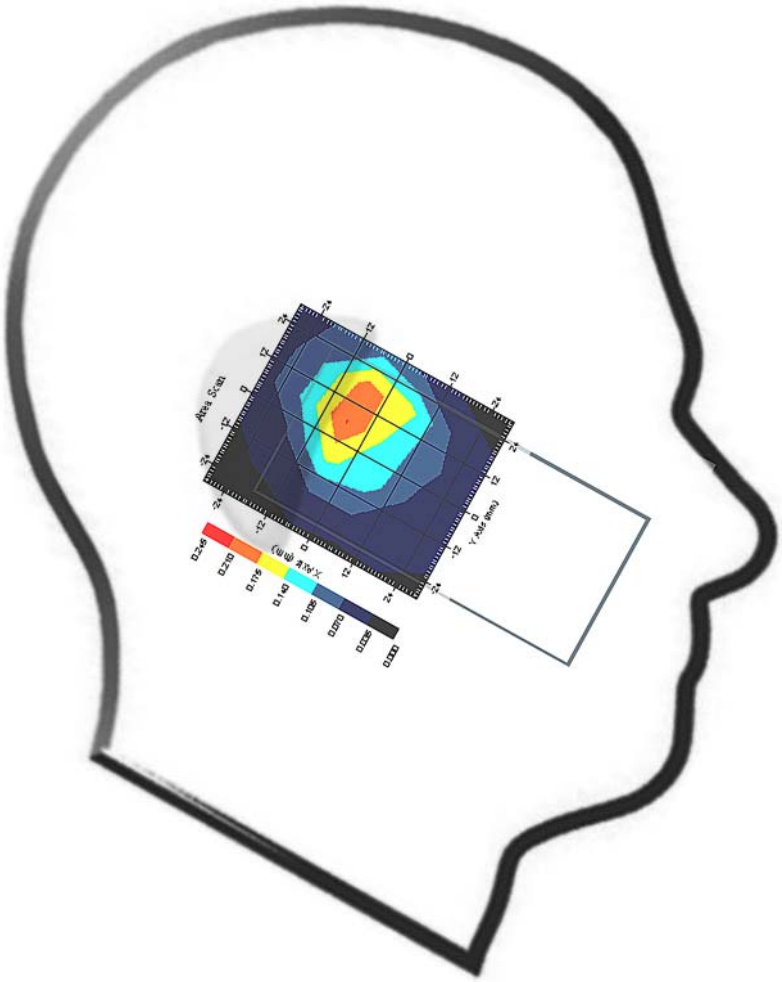
1 gram SAR value : 0.261 W/kg
10 gram SAR value : 0.148 W/kg
Area Scan Peak SAR : 0.248 W/kg
Zoom Scan Peak SAR : 0.460 W/kg

This is previous page plot (zoom in)



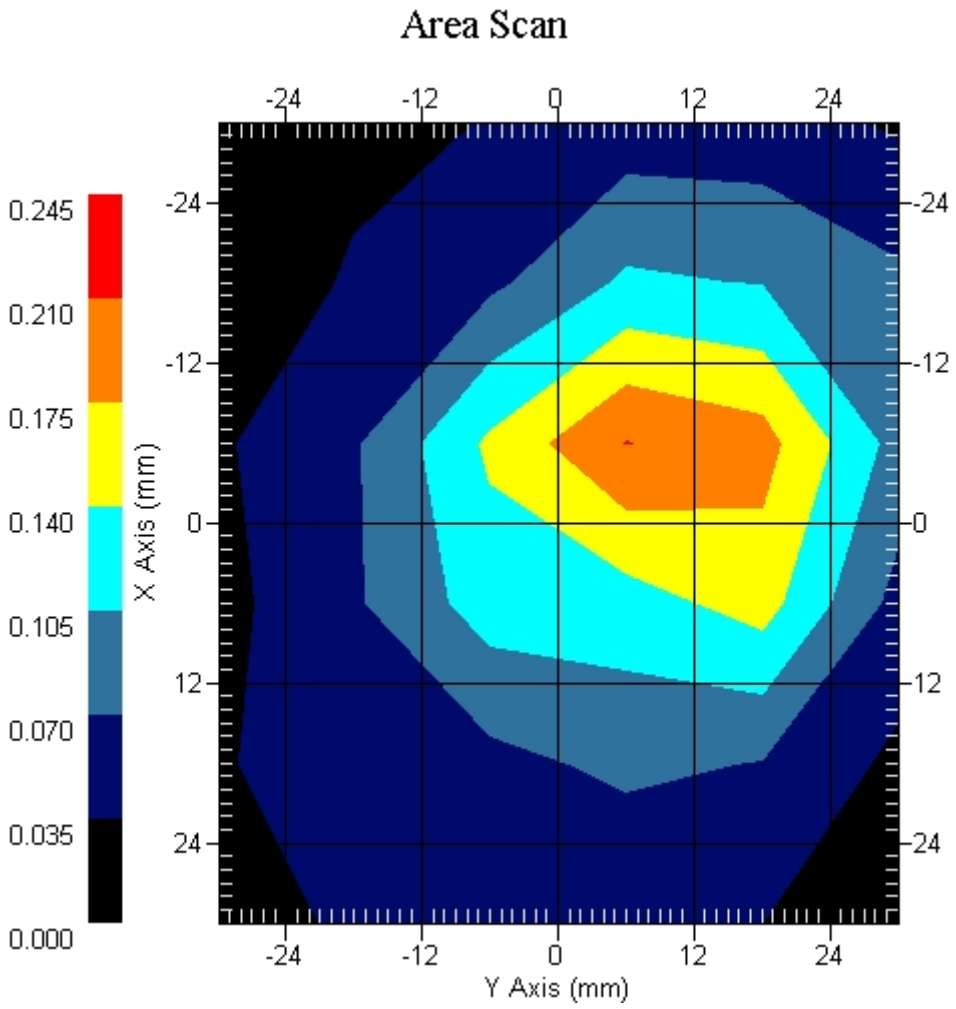
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.146 W/kg
Power Drift-Finish: 0.150 W/kg
Power Drift (%) : 2.366

DUT Position : 15° Tilt
Channel : 810



1 gram SAR value : 0.179 W/kg
10 gram SAR value : 0.100 W/kg
Area Scan Peak SAR : 0.211 W/kg
Zoom Scan Peak SAR : 0.320 W/kg

This is previous page plot (zoom in)



SAR Measurement Data

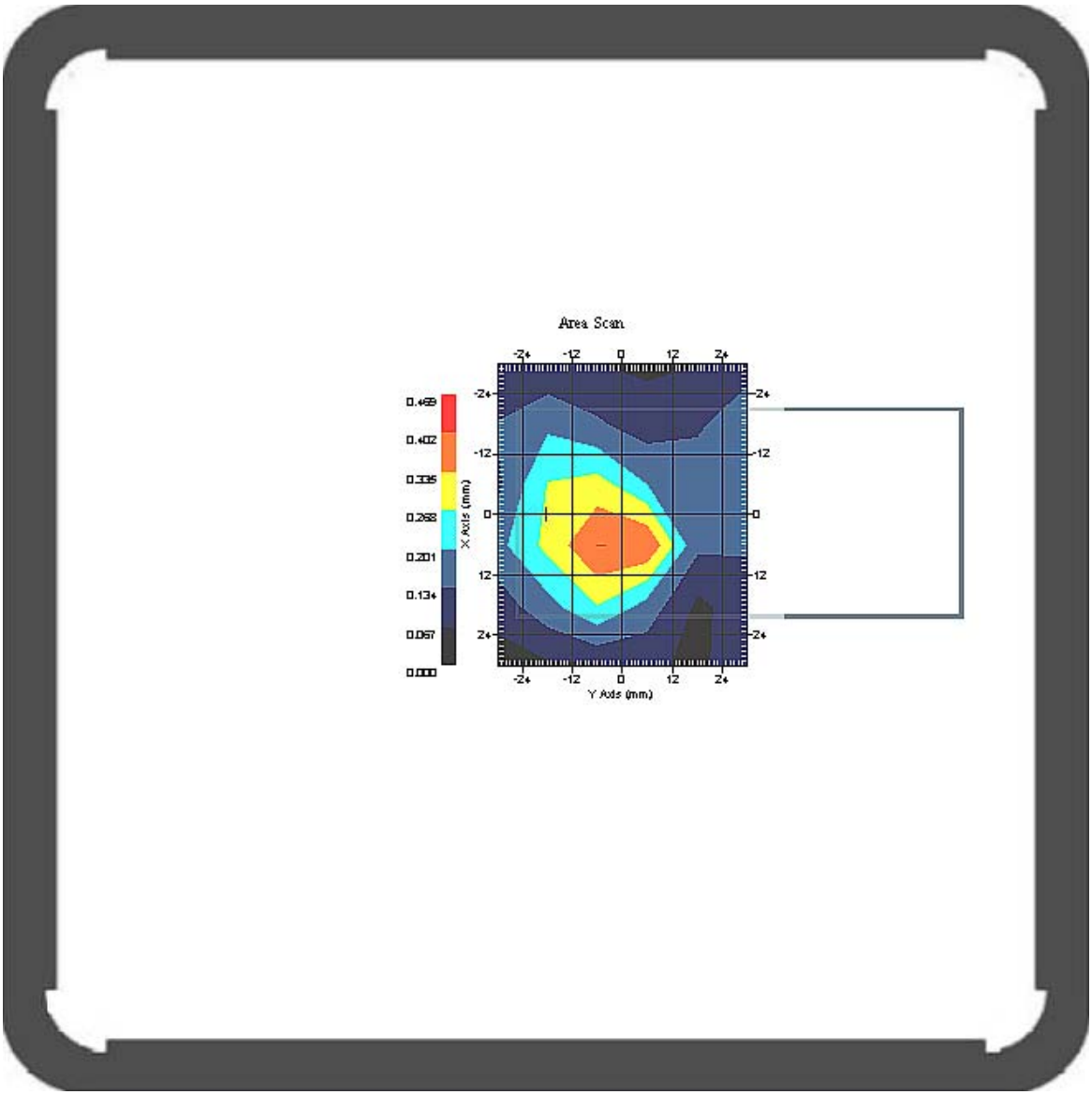
ALSAS-10U VER 2.3.2APREL Laboratories

SAR Test Report

```
Report Date      : 26-Sep-2006
Measurement Date  : 26-Sep-2006

Product Data
Device Name      : Philips
Type            : Std Form Cell Phone
Model           : Xenium9@9m
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 106 mm
Width           : 50.6 mm
Depth           : 18.5 mm
Antenna Type     : Internal

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

Tissue Data
Type           : BODY
Serial No.      : 324-B
Frequency       : 1900.00 MHz
Last Calib. Date : 26-Sep-2006
Temperature     : 22.10 °C
Ambient Temp.    : 22.40 °C
Humidity        : 53.00 RH%
Epsilon         : 51.72 F/m
Sigma           : 1.569 S/m
Density         : 1000.00 kg/cu. M

Probe Data
Name           : Probe 264
Model          : E020
Type           : E-Field Triangle
Serial No.      : 264
Last Calib. Date : 21-Mar-2006
Frequency       : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.75
Probe Sensitivity: 1.20  1.20  1.20   μV/(V/m)²
Compression Point: 95.00 mV
Offset         : 1.56 mm
```

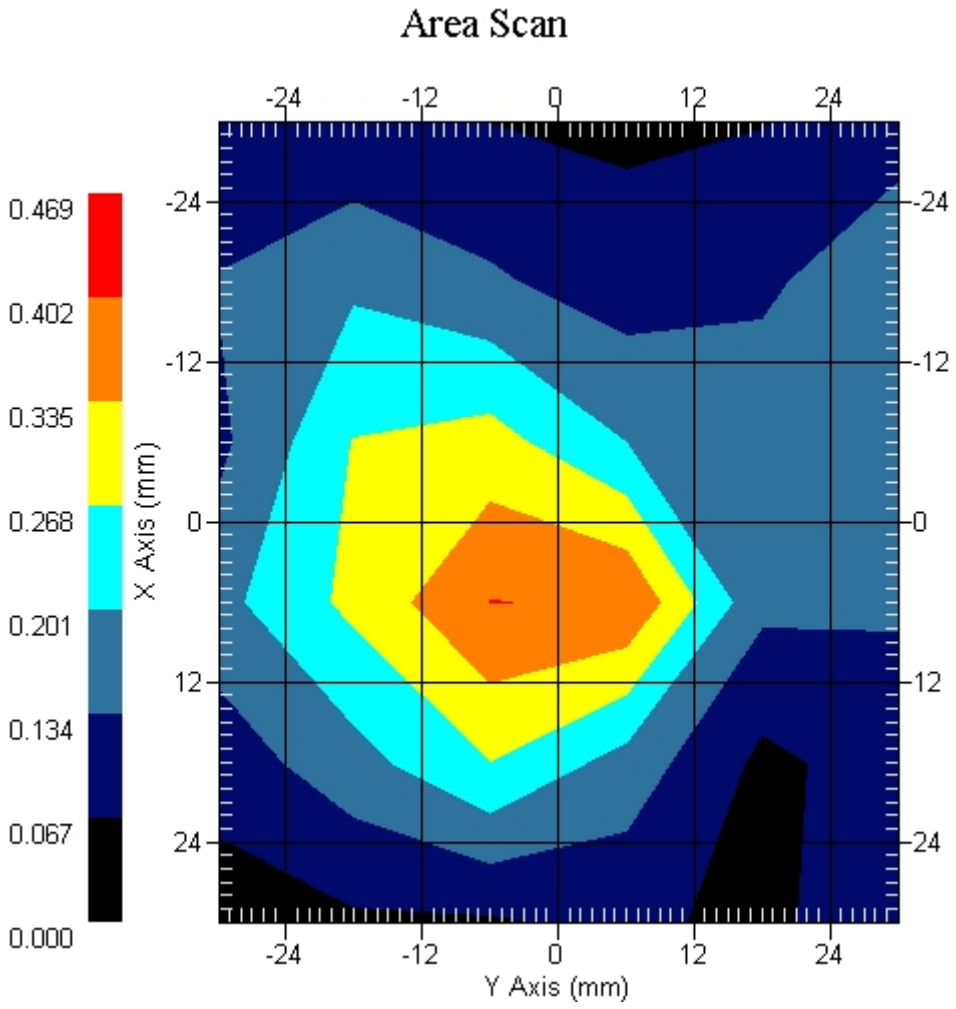
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.241 W/kg
Power Drift-Finish: 0.244 W/kg
Power Drift (%) : 1.025

DUT Position : Rotated Right 90°
Channel : 512



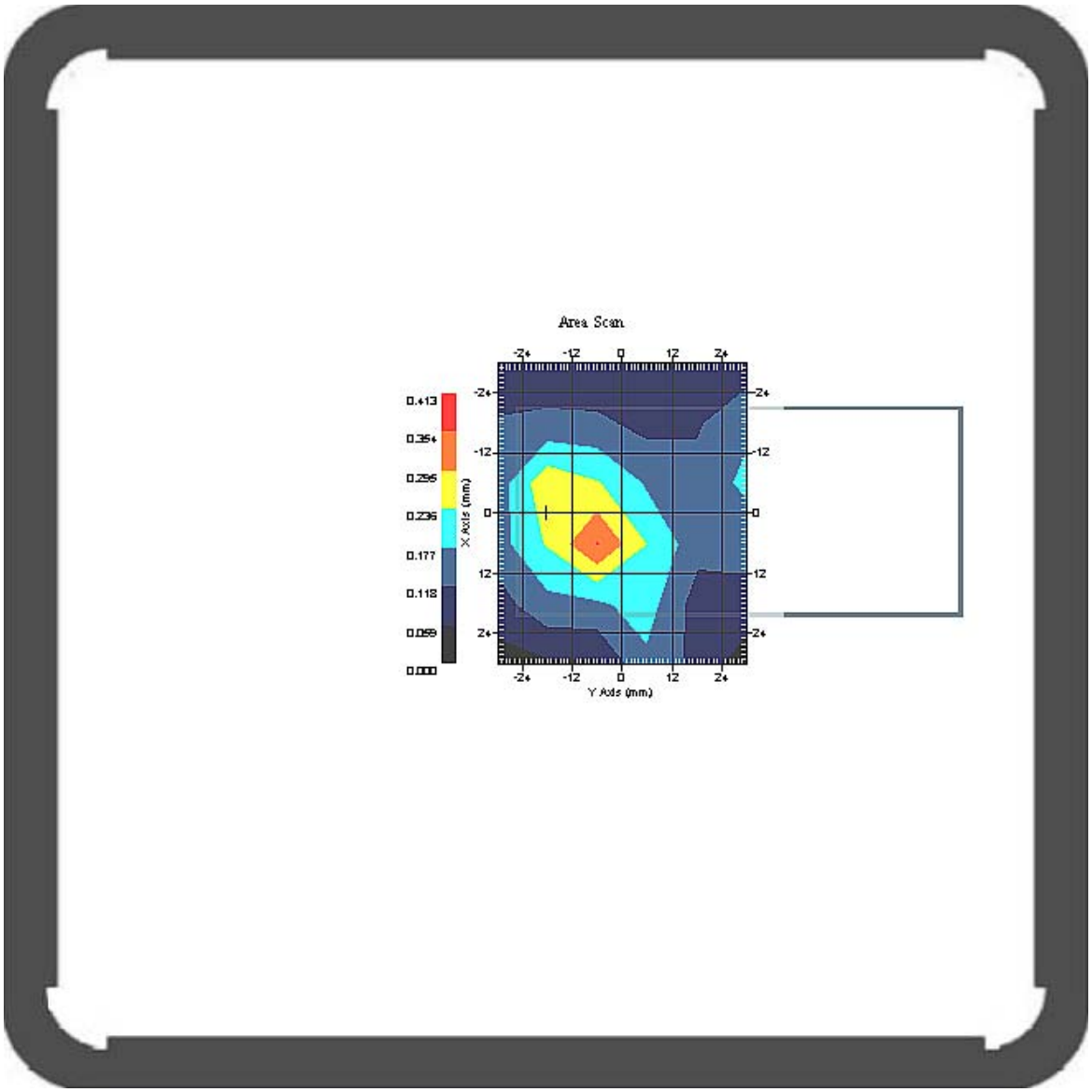
1 gram SAR value : 0.350 W/kg
10 gram SAR value : 0.201 W/kg
Area Scan Peak SAR : 0.403 W/kg
Zoom Scan Peak SAR : 0.650 W/kg

This is previous page plot (zoom in)



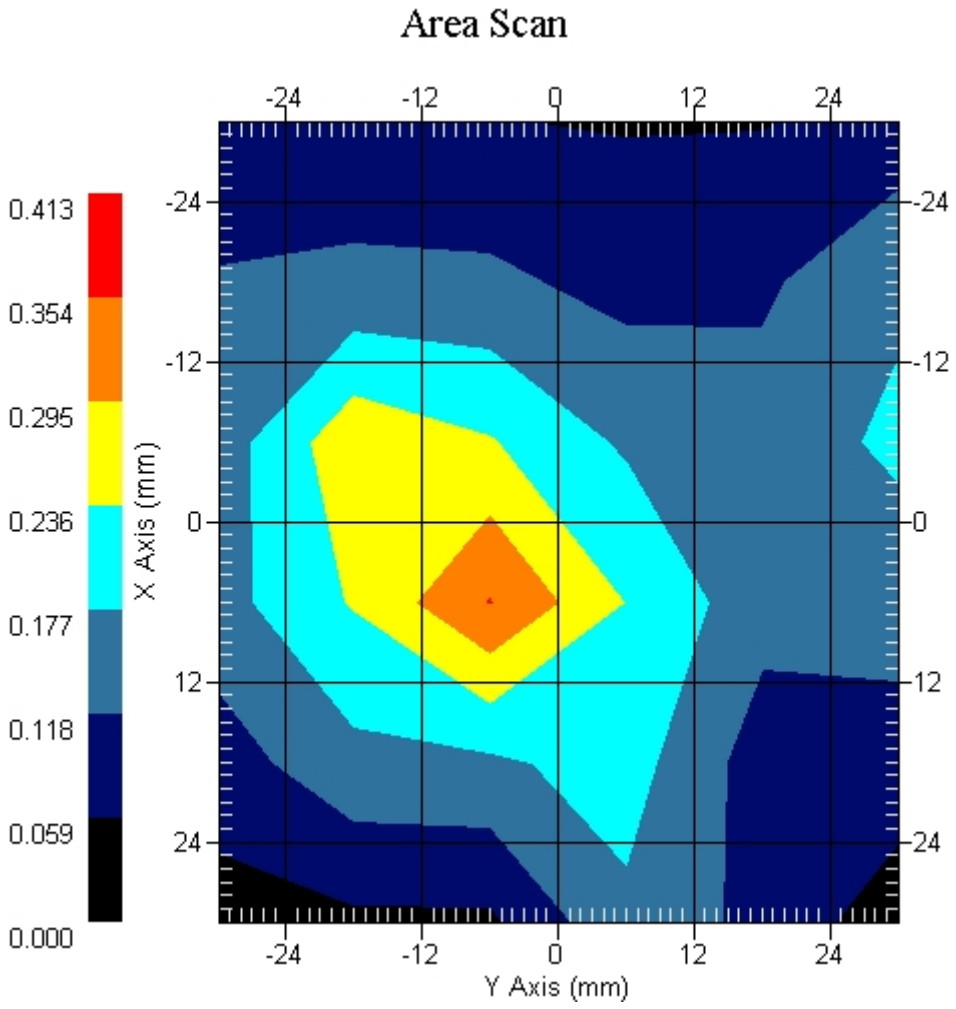
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.263 W/kg
Power Drift-Finish: 0.256 W/kg
Power Drift (%) : -2.599

DUT Position : Rotated Right 90°
Channel : 661



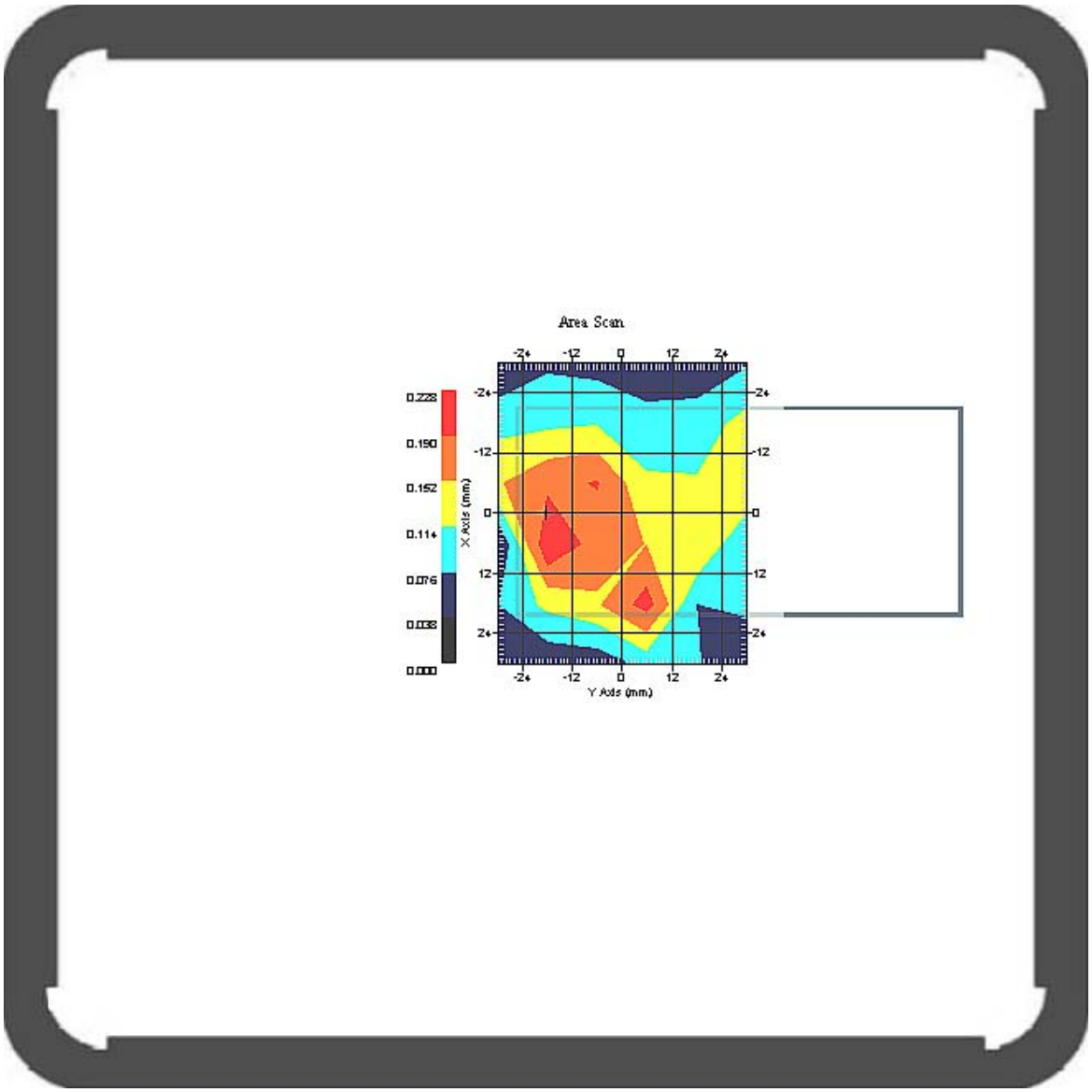
1 gram SAR value : 0.306 W/kg
10 gram SAR value : 0.166 W/kg
Area Scan Peak SAR : 0.356 W/kg
Zoom Scan Peak SAR : 0.530 W/kg

This is previous page plot (zoom in)



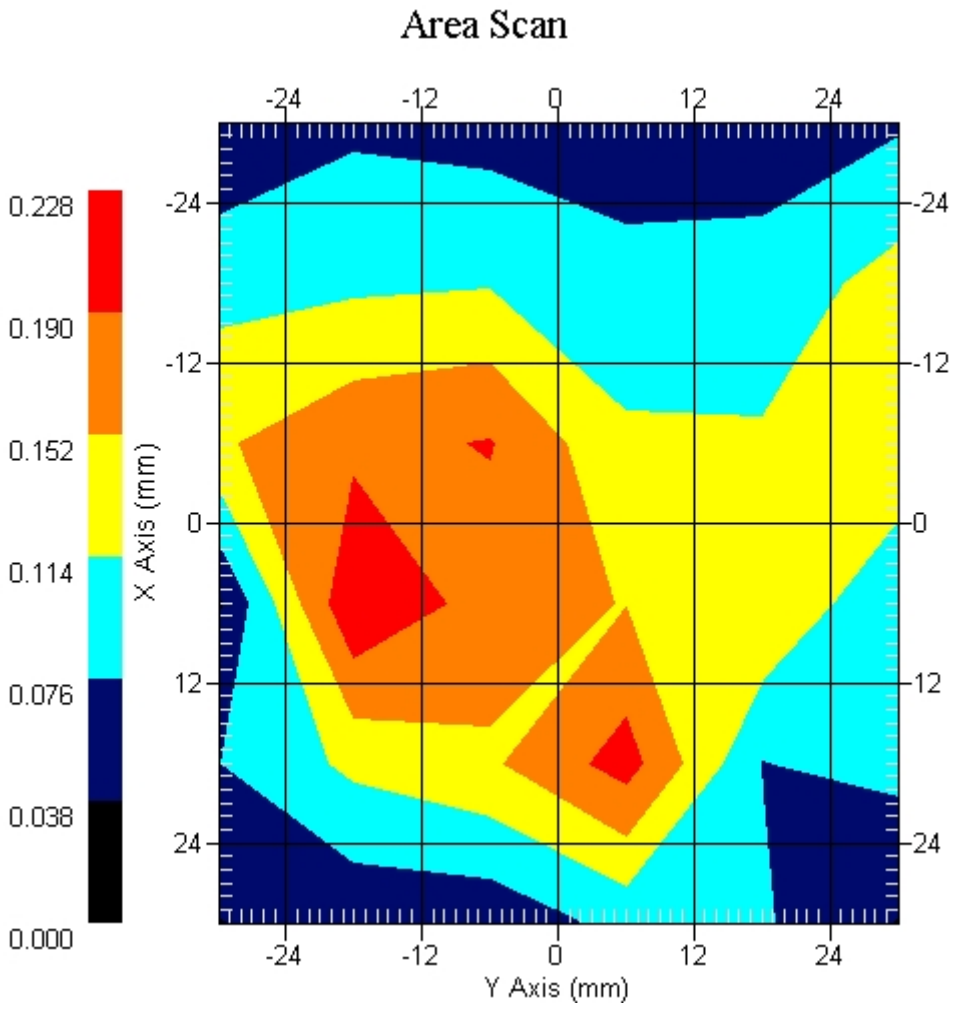
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.220 W/kg
Power Drift-Finish: 0.213 W/kg
Power Drift (%) : -3.255

DUT Position : Rotated Right 90°
Channel : 810



1 gram SAR value : 0.253 W/kg
10 gram SAR value : 0.139 W/kg
Area Scan Peak SAR : 0.226 W/kg
Zoom Scan Peak SAR : 0.450 W/kg

This is previous page plot (zoom in)



SAR Measurement Data

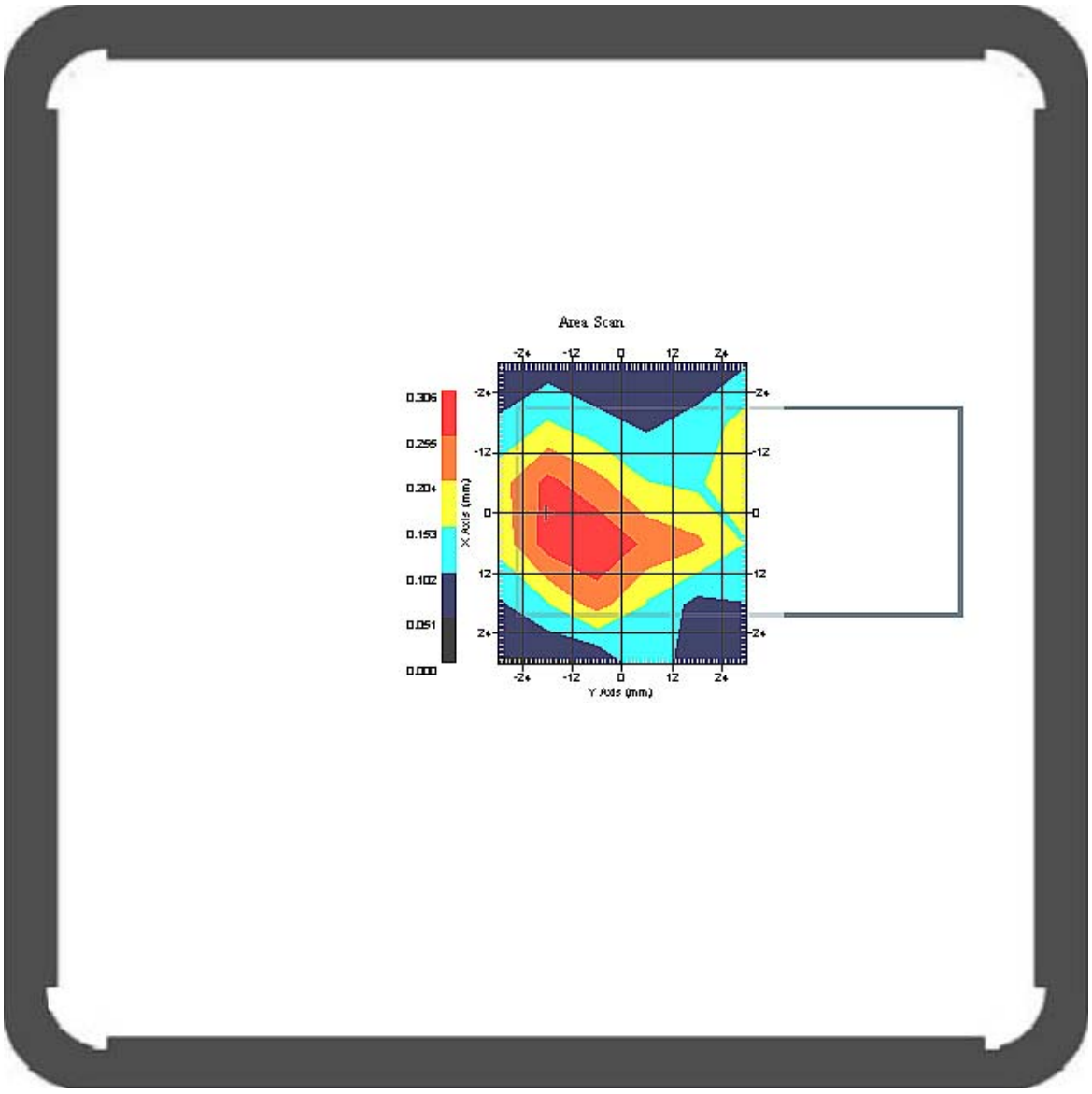
ALSAS-10U VER 2.3.2APREL Laboratories

SAR Test Report

```
Report Date      : 26-Sep-2006
Measurement Date  : 26-Sep-2006

Product Data
Device Name      : Philips
Type            : Std Form Cell Phone
Model           : Xenium9@9m
Frequency        : 1900.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 106 mm
Width           : 50.6 mm
Depth           : 18.5 mm
Antenna Type     : Internal

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

Tissue Data
Type           : BODY
Serial No.      : 324-B
Frequency       : 1900.00 MHz
Last Calib. Date : 26-Sep-2006
Temperature     : 22.10 °C
Ambient Temp.    : 22.40 °C
Humidity        : 53.00 RH%
Epsilon         : 51.72 F/m
Sigma           : 1.569 S/m
Density         : 1000.00 kg/cu. M

Probe Data
Name           : Probe 264
Model          : E020
Type           : E-Field Triangle
Serial No.      : 264
Last Calib. Date : 21-Mar-2006
Frequency       : 1900.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 5.75
Probe Sensitivity: 1.20  1.20  1.20   μV/(V/m)²
Compression Point: 95.00 mV
Offset         : 1.56 mm
```

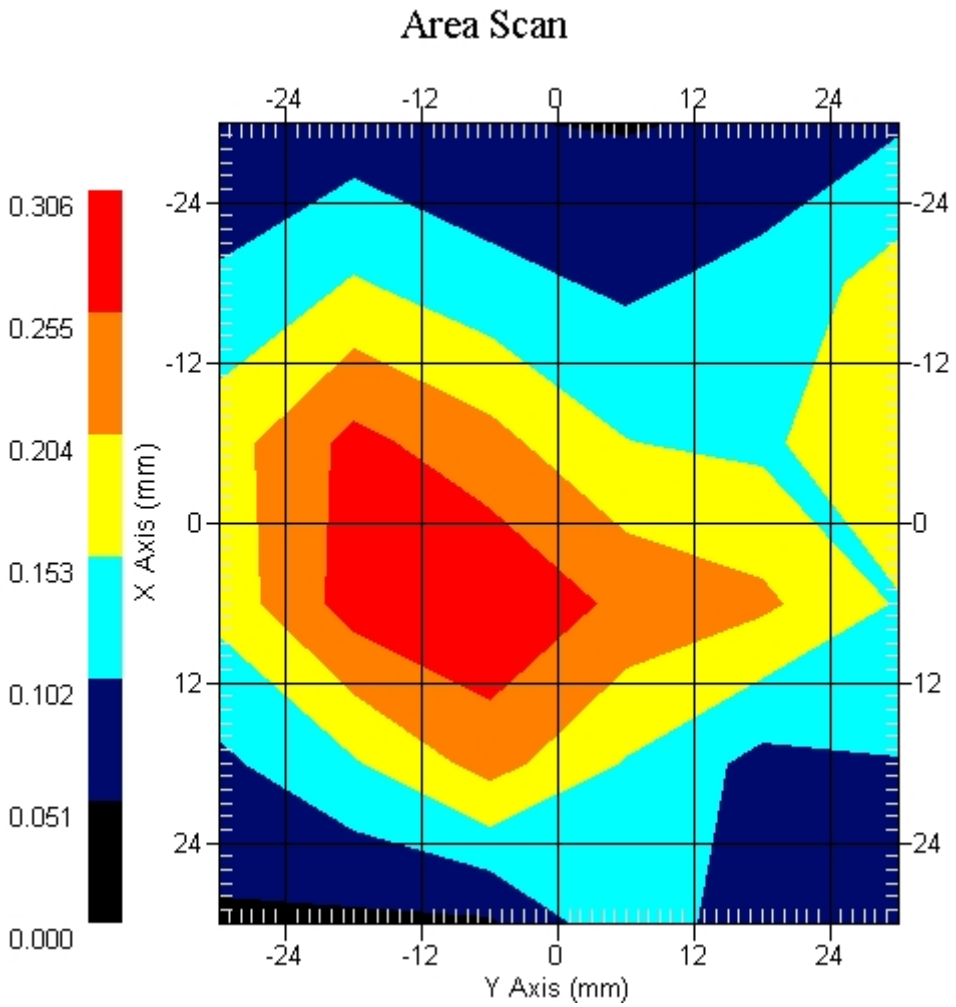
Measurement Data
Crest Factor : 4
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.250 W/kg
Power Drift-Finish: 0.245 W/kg
Power Drift (%) : -1.953

DUT Position : Rotated Right 90°
Channel : 512



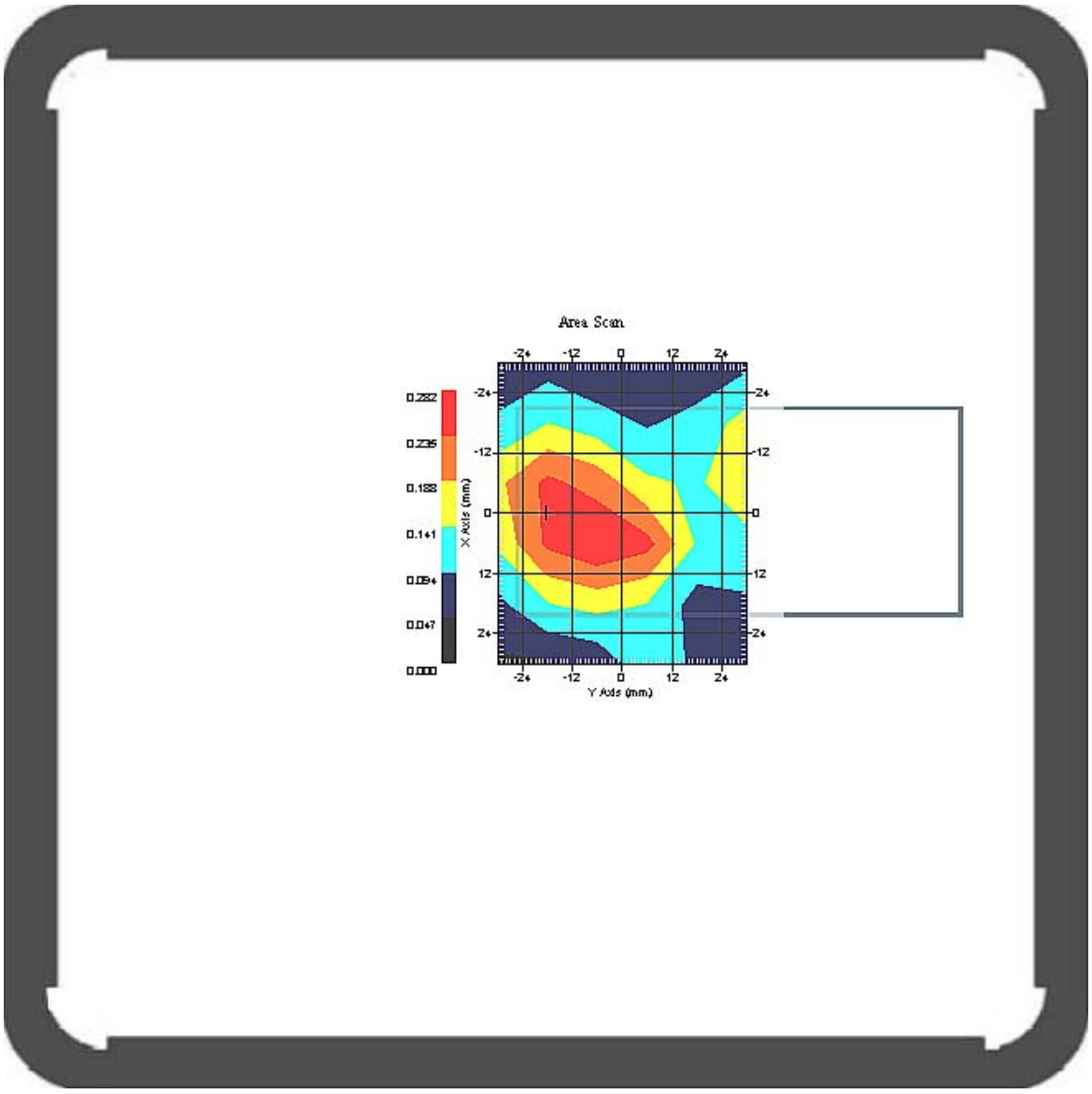
1 gram SAR value : 0.228 W/kg
10 gram SAR value : 0.161 W/kg
Area Scan Peak SAR : 0.303 W/kg
Zoom Scan Peak SAR : 0.490 W/kg

This is previous page plot (zoom in)



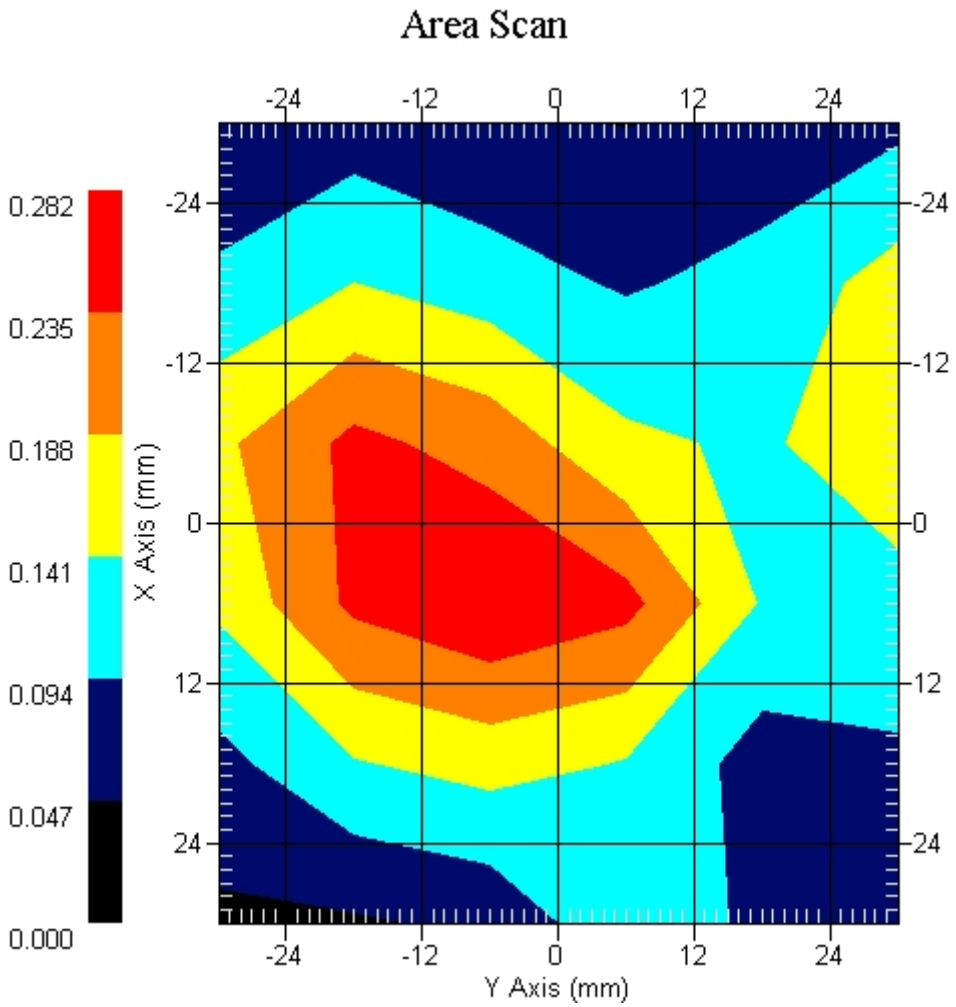
Measurement Data
Crest Factor : 4
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.231 W/kg
Power Drift-Finish: 0.232 W/kg
Power Drift (%) : 0.428

DUT Position : Rotated Right 90°
Channel : 661



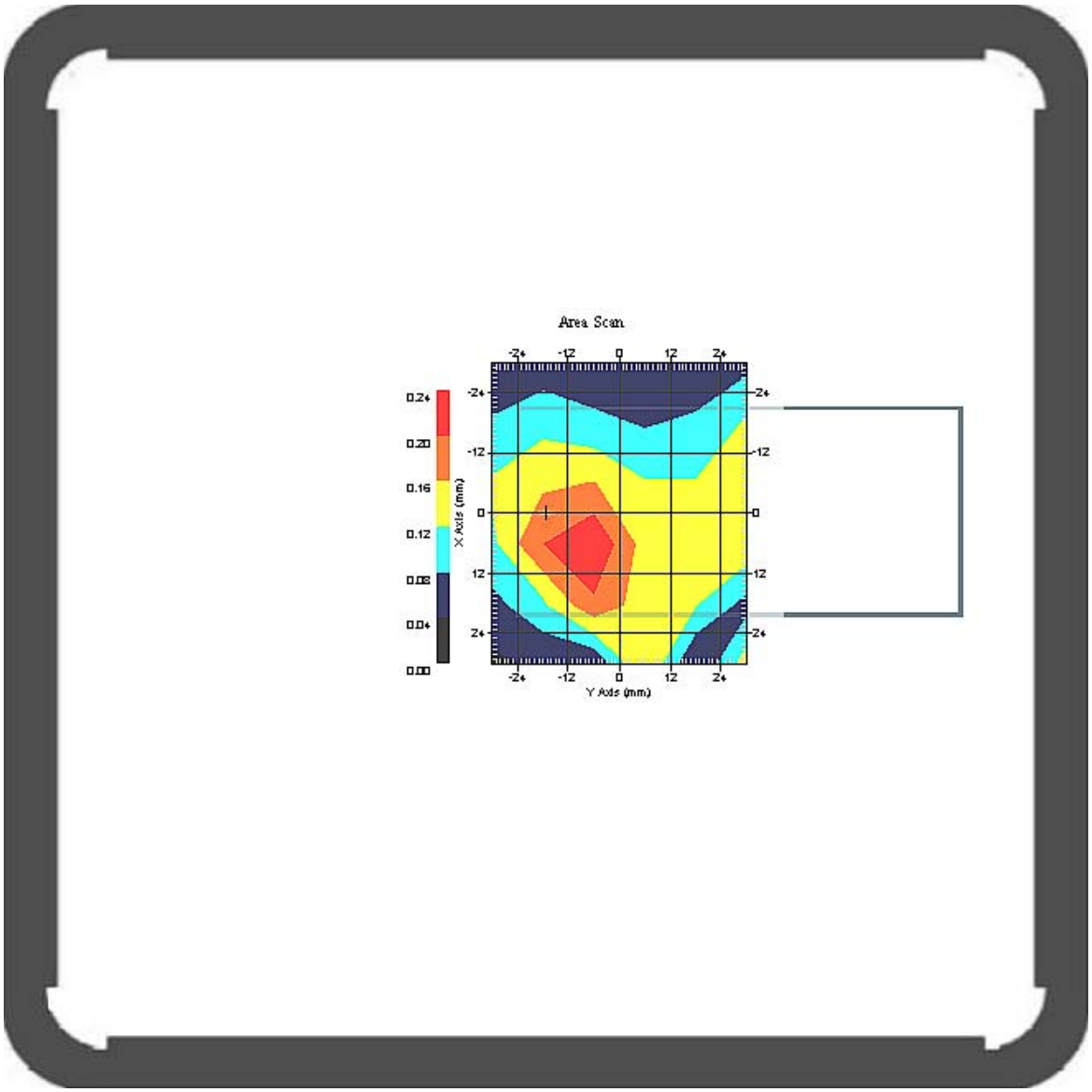
1 gram SAR value : 0.277 W/kg
10 gram SAR value : 0.165 W/kg
Area Scan Peak SAR : 0.279 W/kg
Zoom Scan Peak SAR : 0.480 W/kg

This is previous page plot (zoom in)



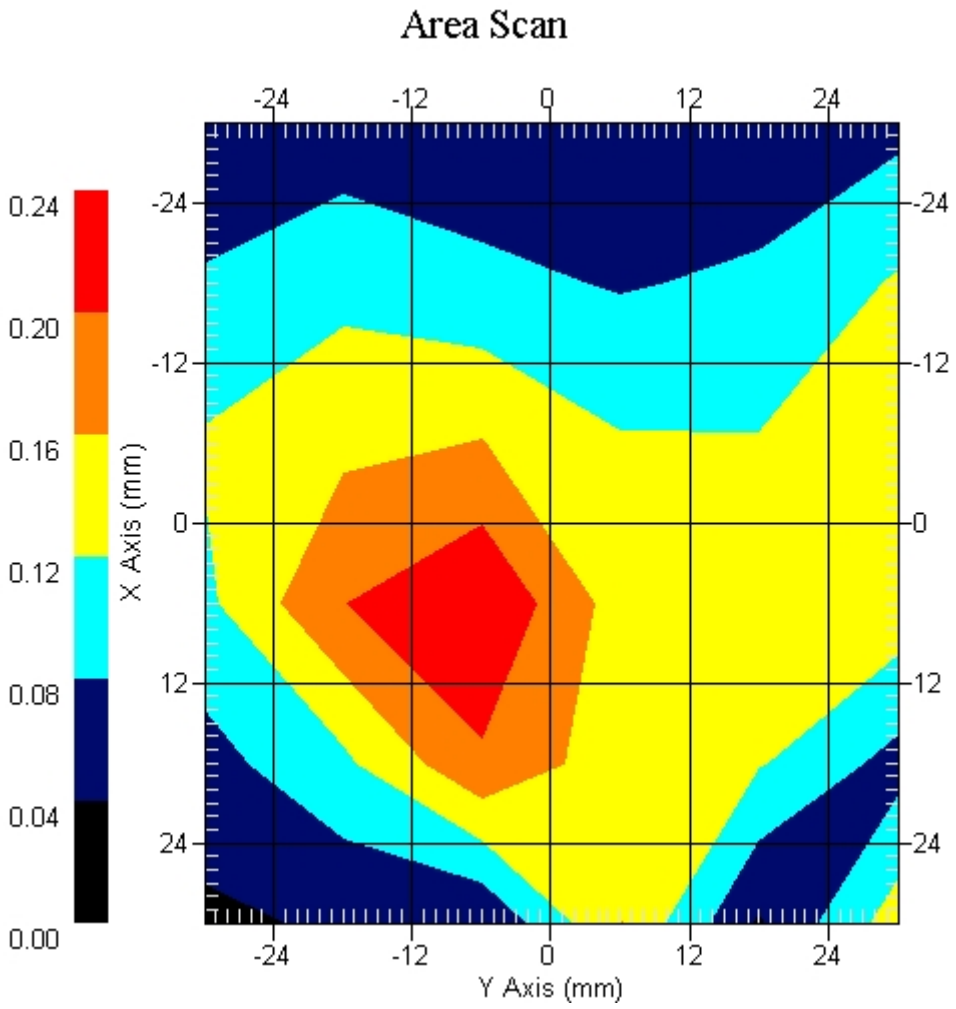
Measurement Data
Crest Factor : 4
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.194 W/kg
Power Drift-Finish: 0.196 W/kg
Power Drift (%) : 0.907

DUT Position : Rotated Right 90°
Channel : 810



1 gram SAR value : 0.214 W/kg
10 gram SAR value : 0.122 W/kg
Area Scan Peak SAR : 0.237 W/kg
Zoom Scan Peak SAR : 0.600 W/kg

This is previous page plot (zoom in)



SAR Measurement Data

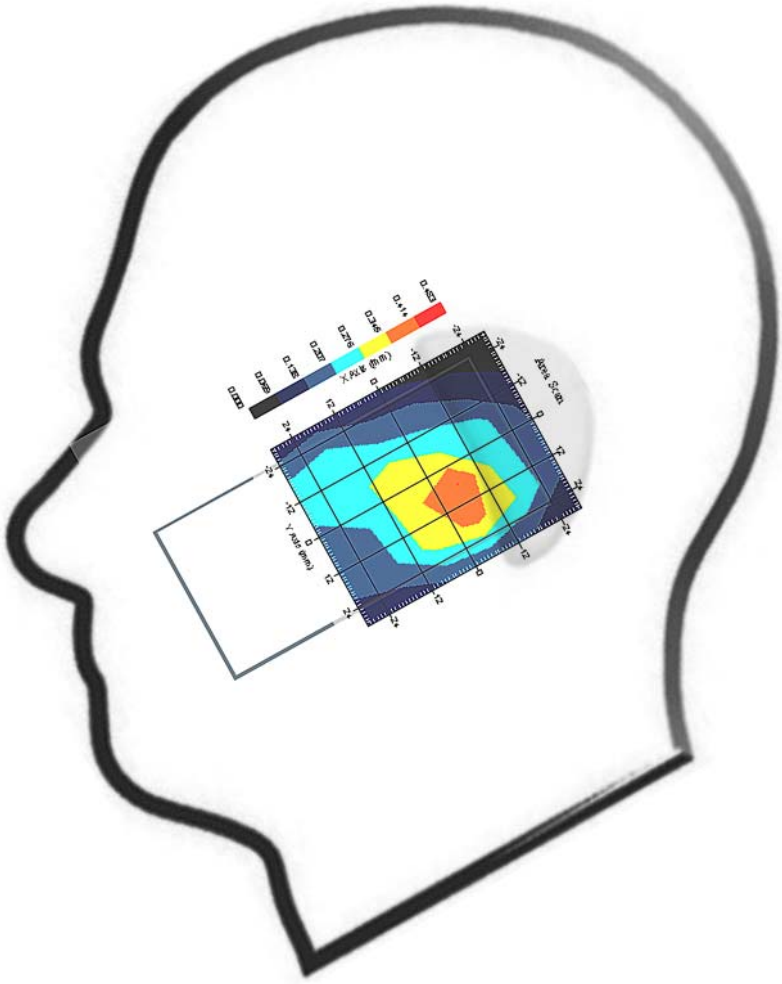
ALSAS-10U VER 2.3.2APREL Laboratories

SAR Test Report (Bluetooth off)

```
Report Date      : 26-Sep-2006
Measurement Date  : 26-Sep-2006

Product Data
Device Name      : Philips
Type            : Std Form Cell Phone
Model           : 9@9m
Frequency        : 1800.00 MHz
Max. Transmit Pwr : 1 W
Drift Time       : 0 min(s)
Length          : 106 mm
Width           : 50.6 mm
Depth           : 18.5 mm
Antenna Type     : Internal

Phantom Data
Type           : SAM-Right
Size (mm)       : 280 x 280 x 280
Location        : Right

Tissue Data
Type           : HEAD
Serial No.      : 324-H
Frequency       : 1900.00 MHz
Last Calib. Date : 26-Sep-2006
Temperature     : 22.10 °C
Ambient Temp.    : 22.40 °C
Humidity        : 53.00 RH%
Epsilon         : 38.94 F/m
Sigma           : 1.447 S/m
Density         : 1000.00 kg/cu. M

Probe Data
Name           : Probe 264
Model          : E020
Type           : E-Field Triangle
Serial No.      : 264
Last Calib. Date : 21-Mar-2006
Frequency       : 1900.00 MHz
Duty Cycle Factor: 8
Conversion Factor: 5.5
Probe Sensitivity: 1.20  1.20  1.20   μV/(V/m)²
Compression Point: 95.00 mV
Offset         : 1.56 mm
```

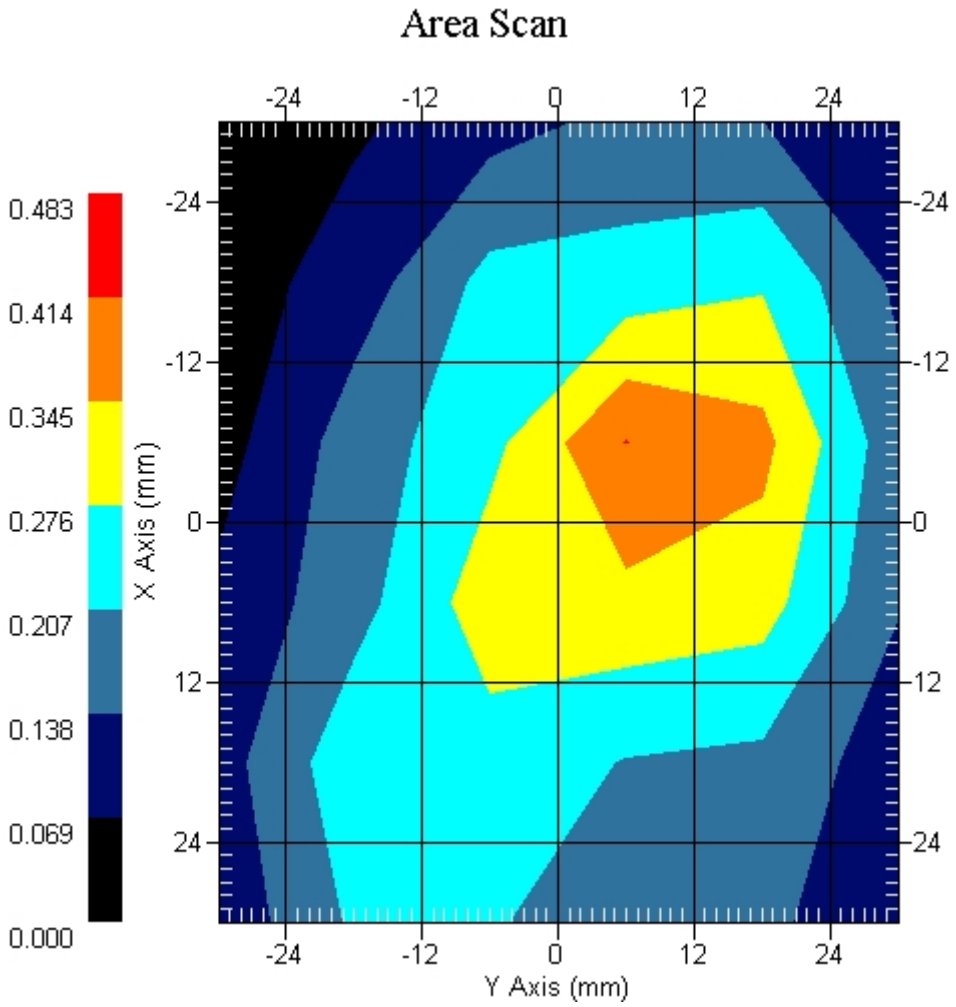
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.398 W/kg
Power Drift-Finish: 0.382 W/kg
Power Drift (%) : -3.906

DUT Position : Touch
Channel : 661



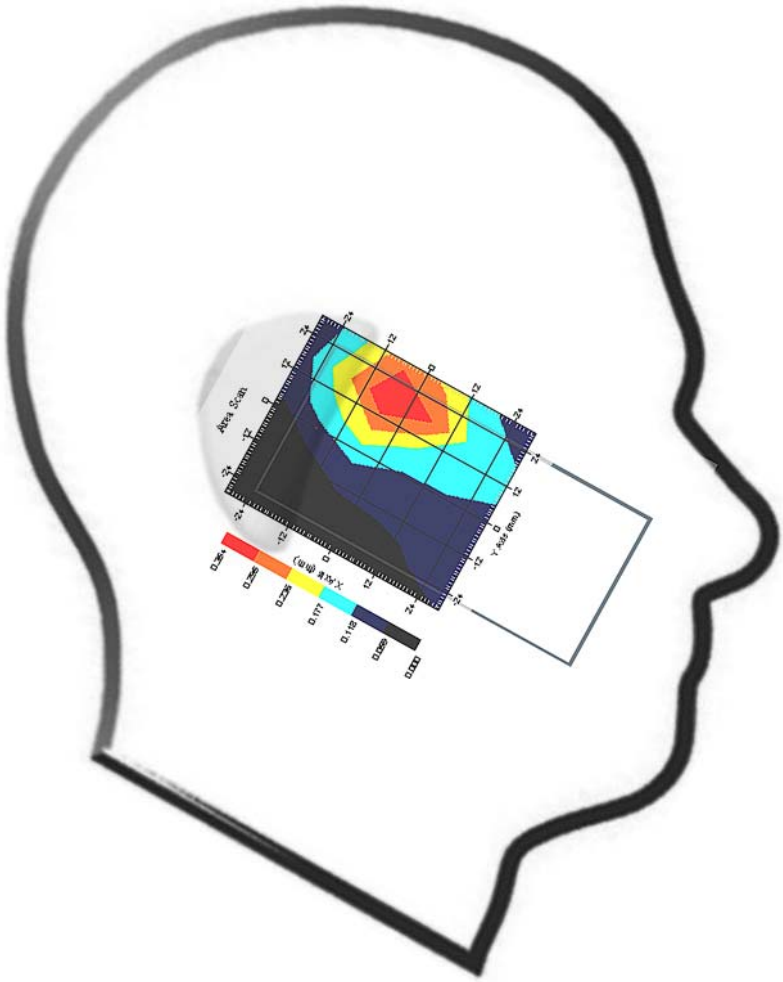
1 gram SAR value : 0.318 W/kg
10 gram SAR value : 0.175 W/kg
Area Scan Peak SAR : 0.415 W/kg
Zoom Scan Peak SAR : 0.640 W/kg

This is previous page plot (zoom in)



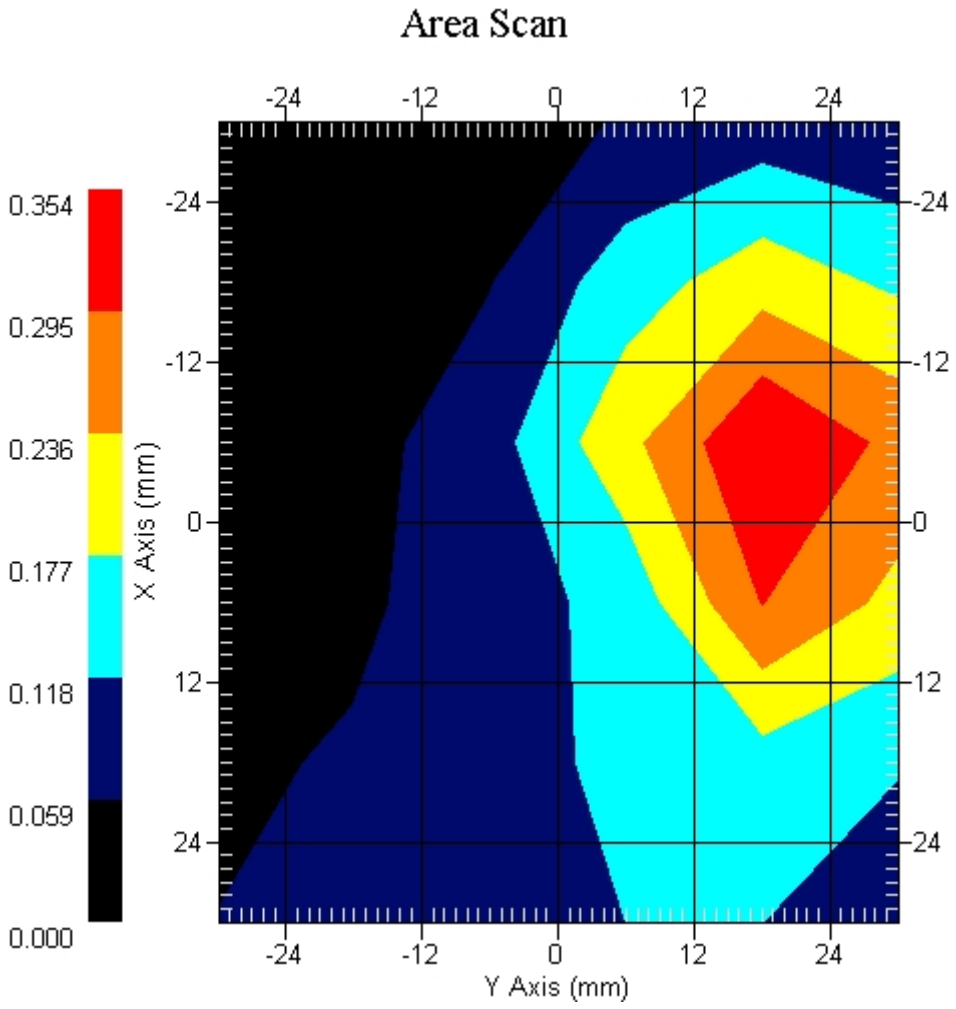
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.144 W/kg
Power Drift-Finish: 0.144 W/kg
Power Drift (%) : -0.026

DUT Position : Touch
Channel : 661



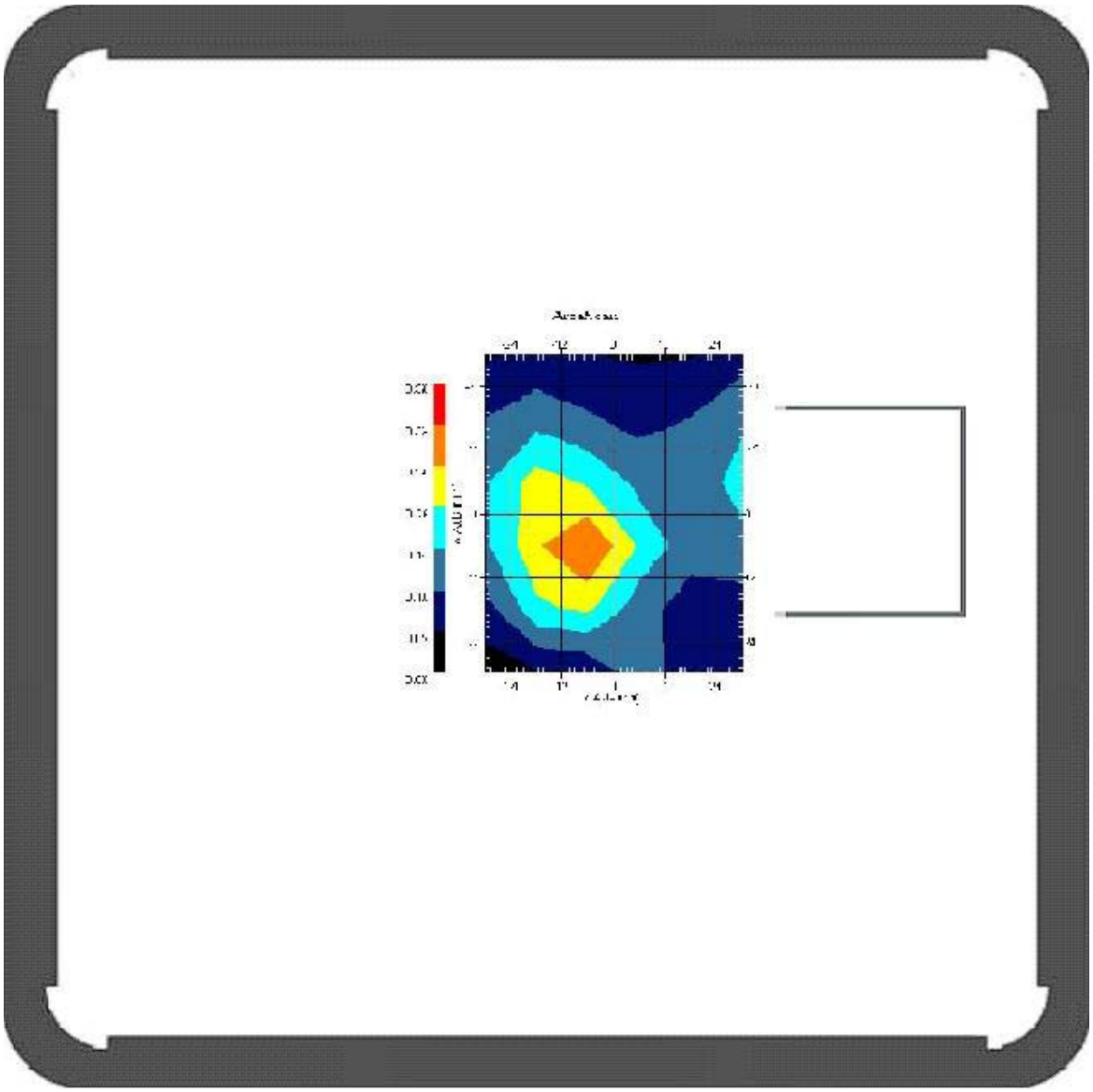
1 gram SAR value : 0.305 W/kg
10 gram SAR value : 0.162 W/kg
Area Scan Peak SAR : 0.353 W/kg
Zoom Scan Peak SAR : 0.560 W/kg

This is previous page plot (zoom in)



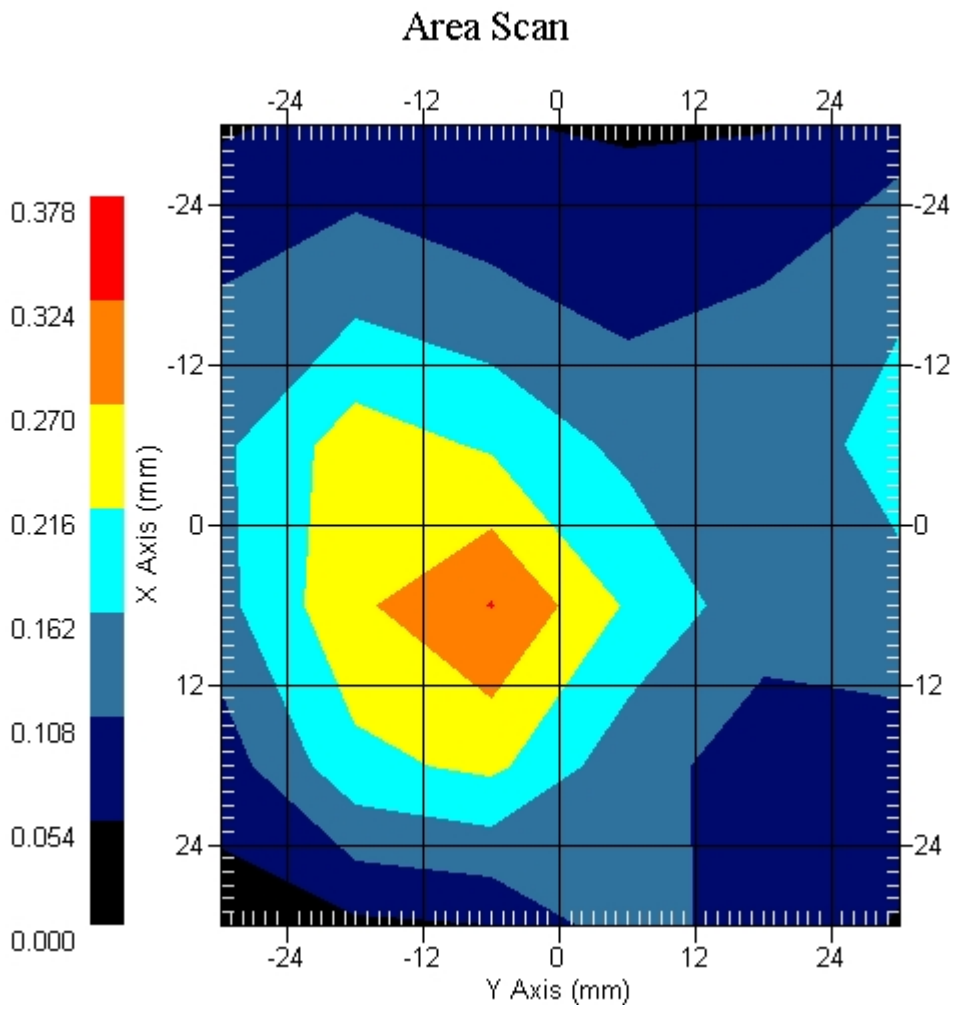
Measurement Data
Crest Factor : 8
Tissue Temp. : 22.10 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x6x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.254 W/kg
Power Drift-Finish: 0.255 W/kg
Power Drift (%) : 0.599

DUT Position : Rotated Right 90°
Channel : 661



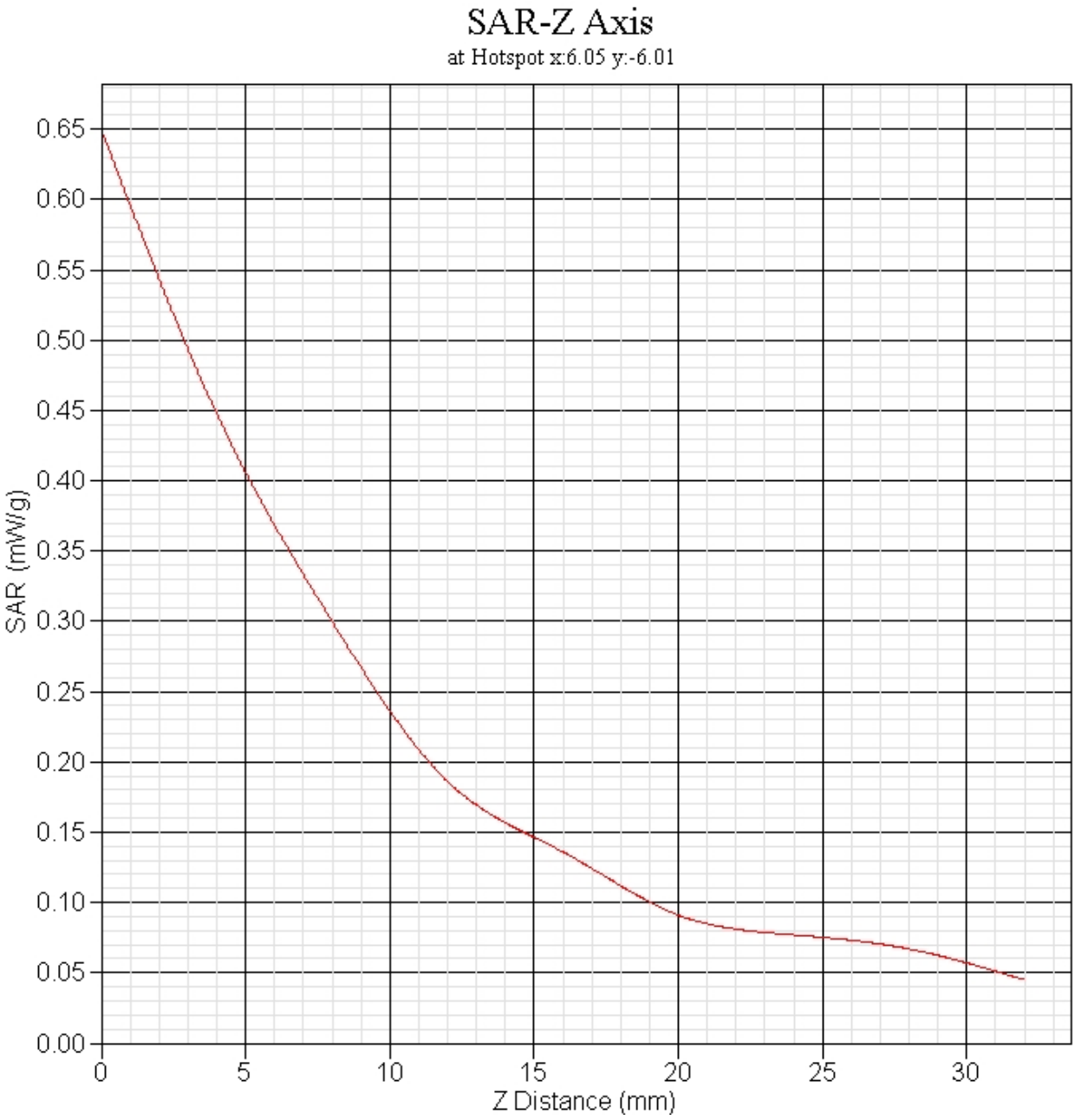
1 gram SAR value : 0.296 W/kg
10 gram SAR value : 0.161 W/kg
Area Scan Peak SAR : 0.326 W/kg
Zoom Scan Peak SAR : 0.520 W/kg

This is previous page plot (zoom in)



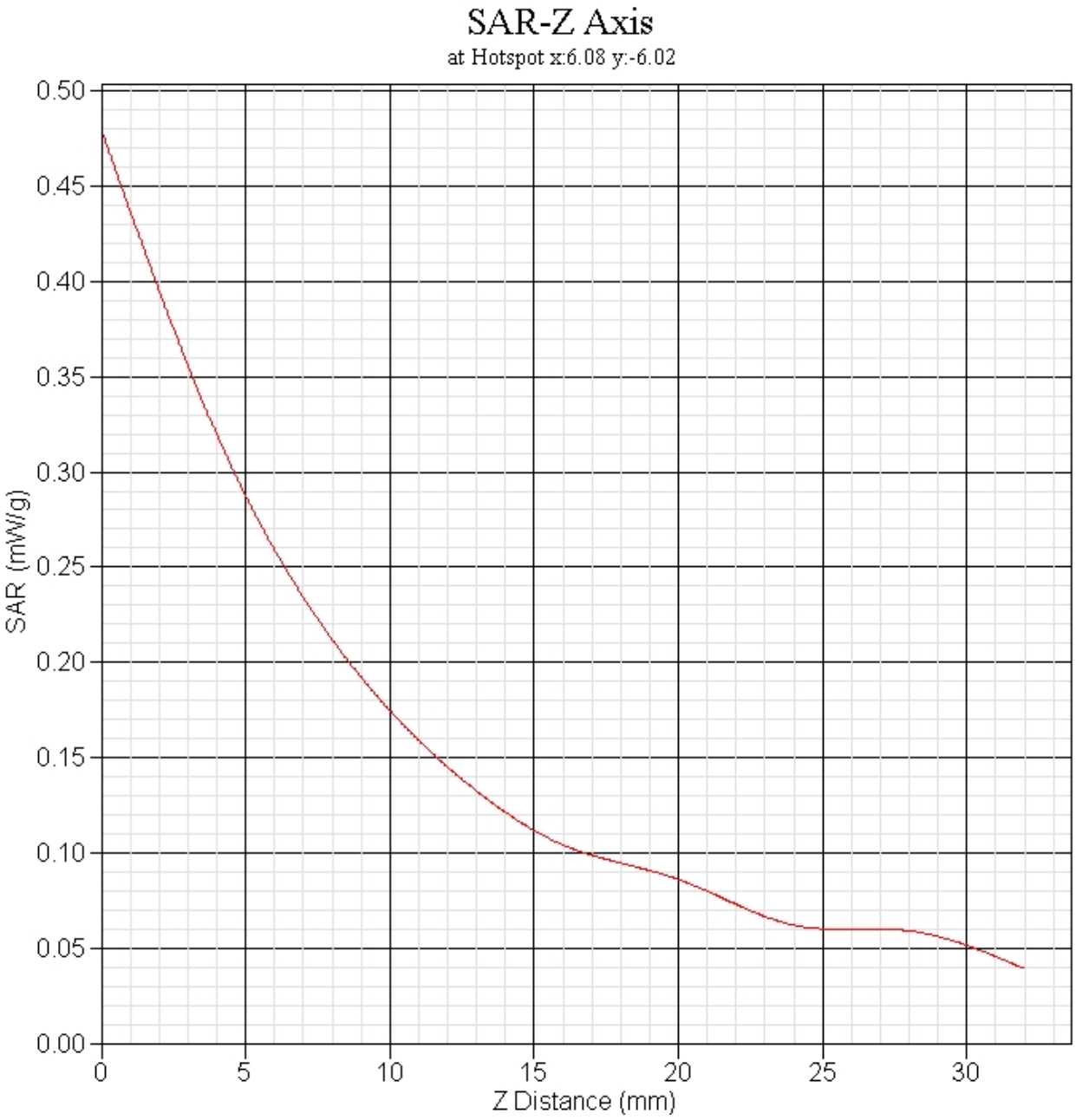
EUT 1900MHz SAR test Z-Axis plot

GSM, Channel 512



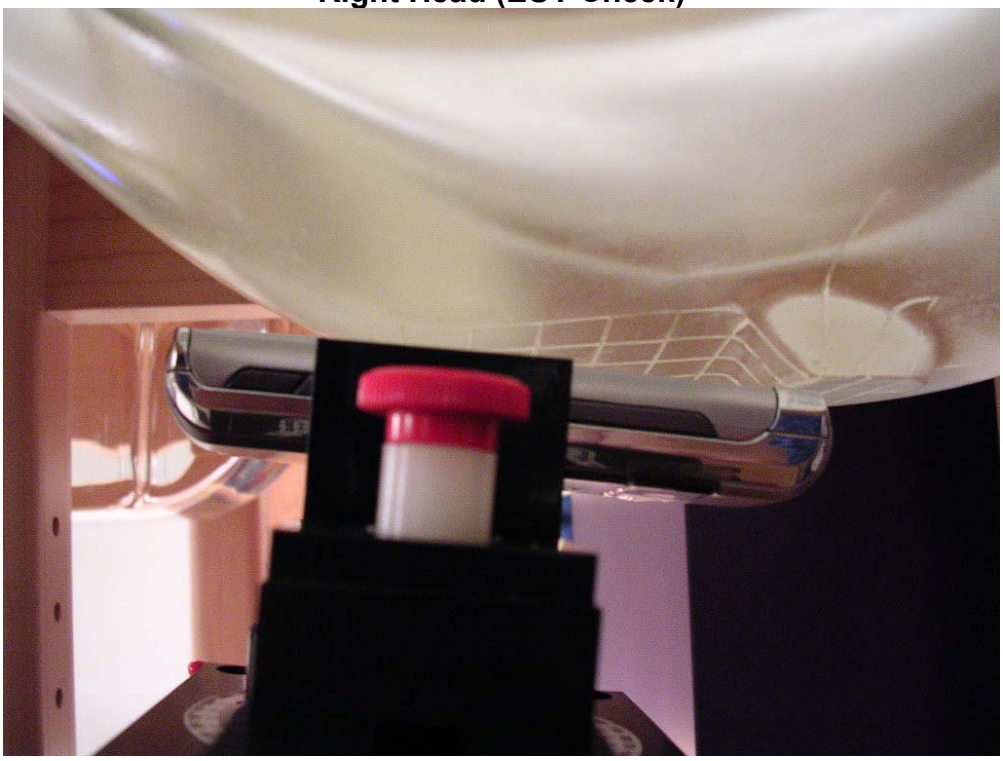
EUT 1900MHz SAR test Z-Axis plot

GPRS, Channel 661



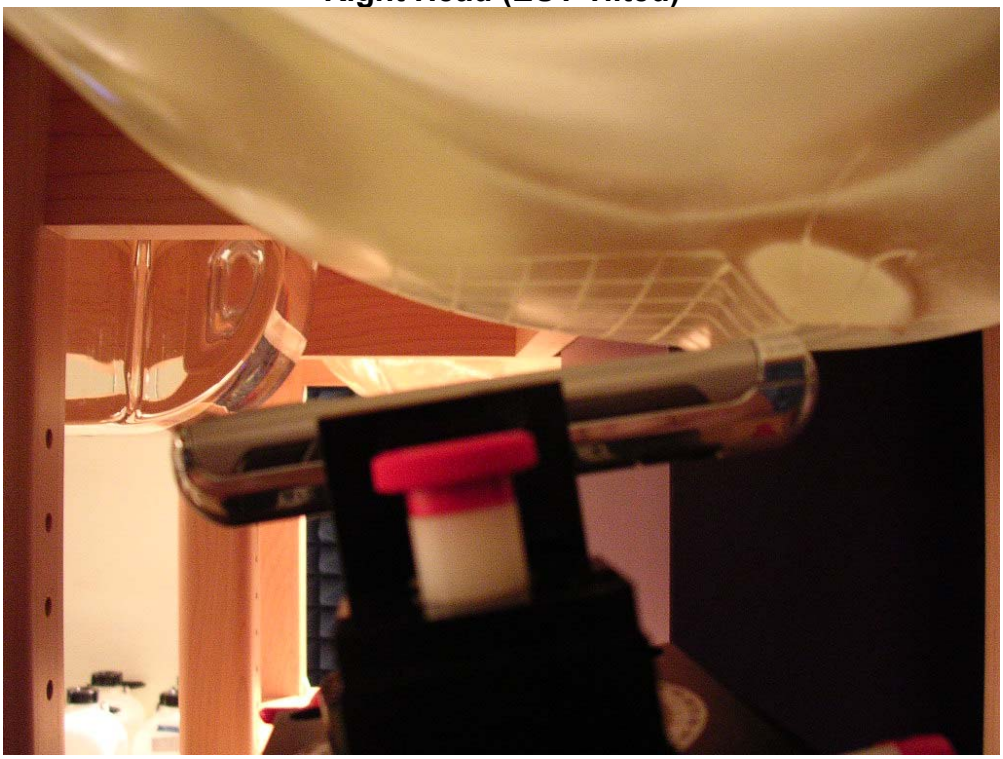
Test Setup Photographs

Right Head (EUT Cheek)



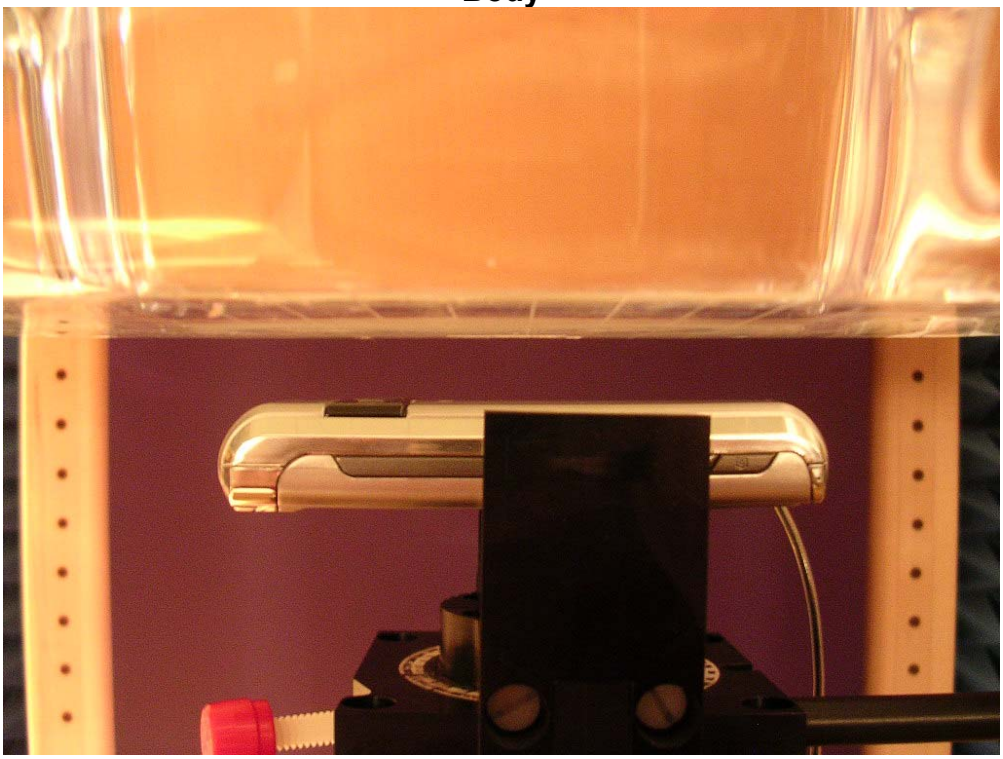
Left Head (EUT Cheek)

Right Head (EUT Tilted)



Left Head (EUT Tilted)

Body



Note: The positions used in the measurements were according to IEEE 1528-2003.

EUT Photographs

EUT Front

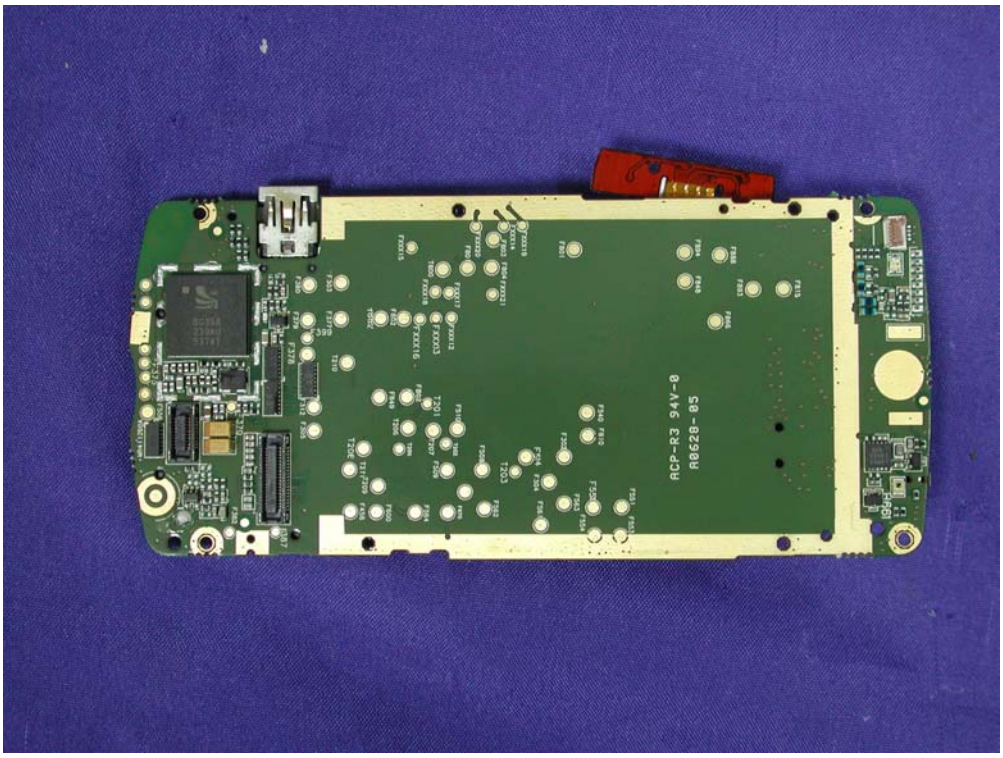
EUT Back

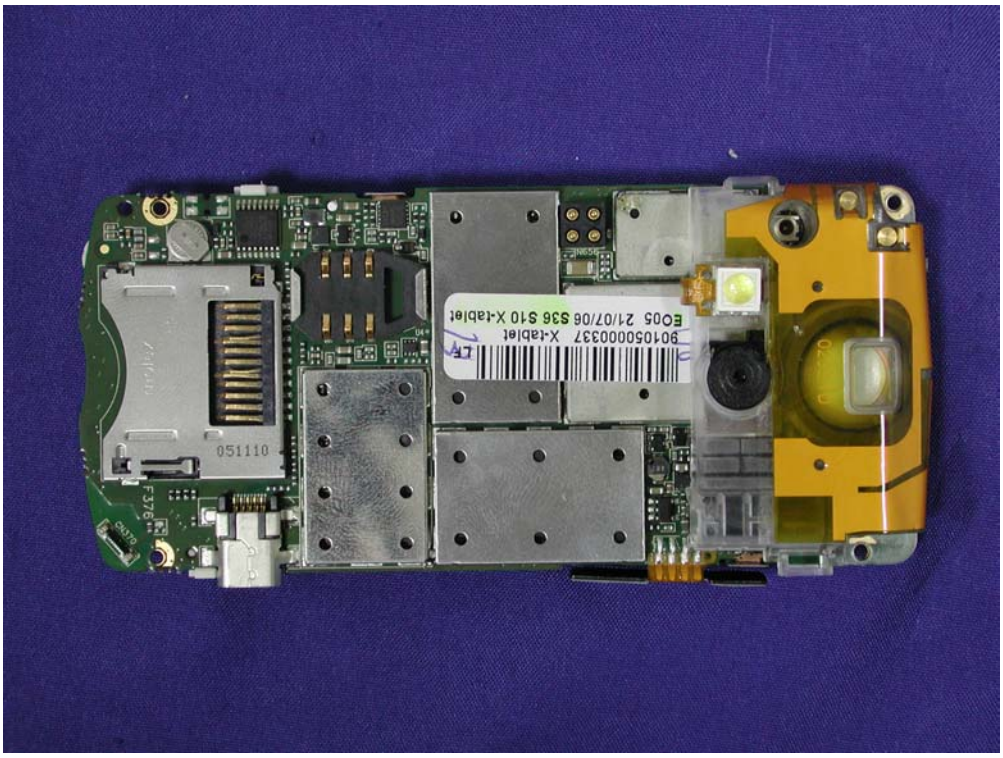

FCC ID:
Philips GSM 900/1800/1900
CE0168
Xenium9@9m


PHILIPS
A20ZCV/0ZP
RECHARGEABLE BATTERY
LI-POLYMER 3.7V 1330mAh
BATTERIE RECHARGEABLE
TYPE:4339 008 73511
YYYYMMDD
CAUTION: TO PREVENT INJURY OR BURNS, DO NOT ALLOW METAL OBJECTS TO CONTACT THE BATTERY TERMINALS. DO NOT DISASSEMBLE. USE SPECIFIED CHARGERS ONLY. AVOID EXPOSURE TO EXCESSIVE HEAT (>60°C OR 140°F), MOISTURE OR CAUSTIC ENVIRONMENTS.
ATTENTION: POUR ÉVITER TOUT ACCIDENT, NE METTEZ JAMAIS EN CONTACT LES BORNES DE LA BATTERIE AVEC UN OBJET MÉTALLIQUE. NE DÉMONTEZ JAMAIS LA BATTERIE. UTILISEZ UNIQUEMENT LES CHARGEURS D'ORIGINE. NE PAS EXPOSER À LA CHALEUR (SUPÉRIEURE À 60°C), À L'HUMIDITÉ, AUX ACIDES.
WARNING
MAY EXPLODE IF DISPOSED OF IN FIRE.
PRÉCAUTION
NE PAS BRÛLER MÊME APRÈS USAGE
Made in China
39.13
ON/OFF
ZERO
ABS


FCC ID: Xenium9@9m
Philips GSM 900/1800/1900
008881560661
CE0168
CN: EO000630K08007
IMEI:352137010002347 Designed by Philips.


ACP-R3 94V-0
A0628-05


ACP-R3 94V-0
A0628-05


051110