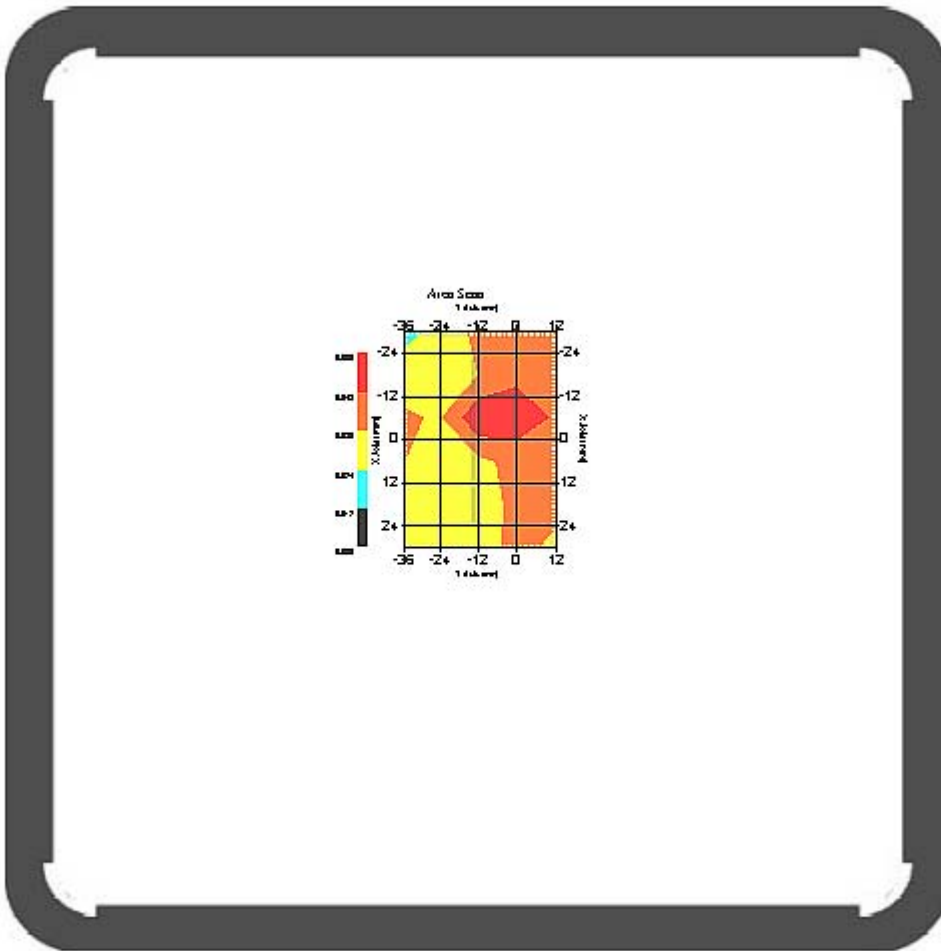


Measurement Data

Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.042 W/kg
Power Drift-Finish: 0.042 W/kg
Power Drift (%) : 0.972

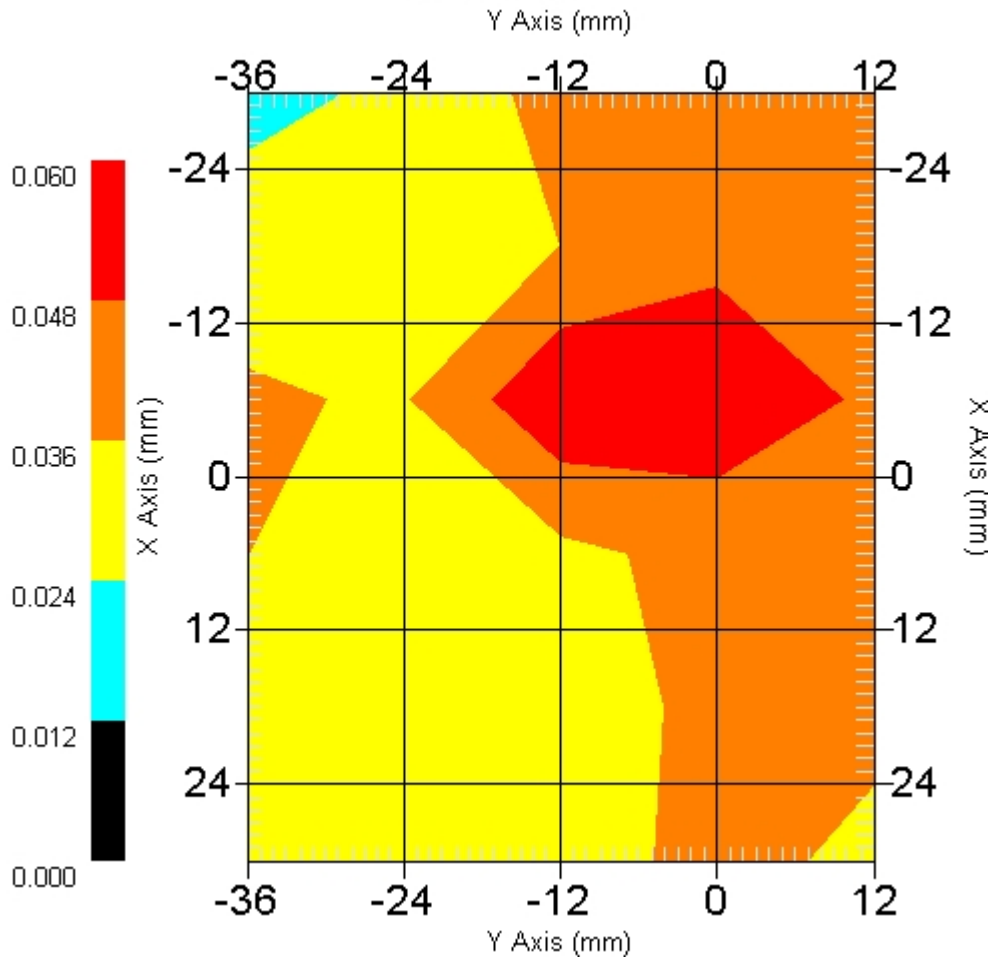
DUT Position : 802.11g- EUT Top
Channel : 6



1 gram SAR value : 0.050 W/kg
10 gram SAR value : 0.042 W/kg
Area Scan Peak SAR : 0.058 W/kg
Zoom Scan Peak SAR : 0.086 W/kg

This is previous page plot (zoom in)

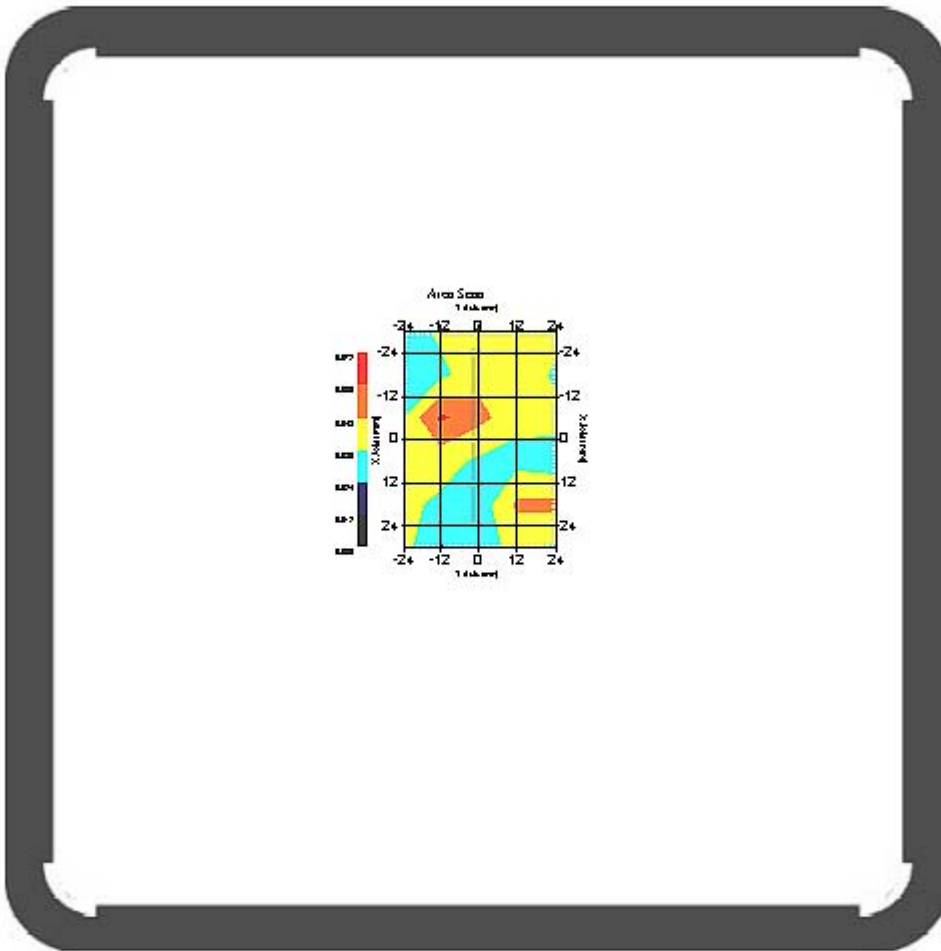
Area Scan



Measurement Data

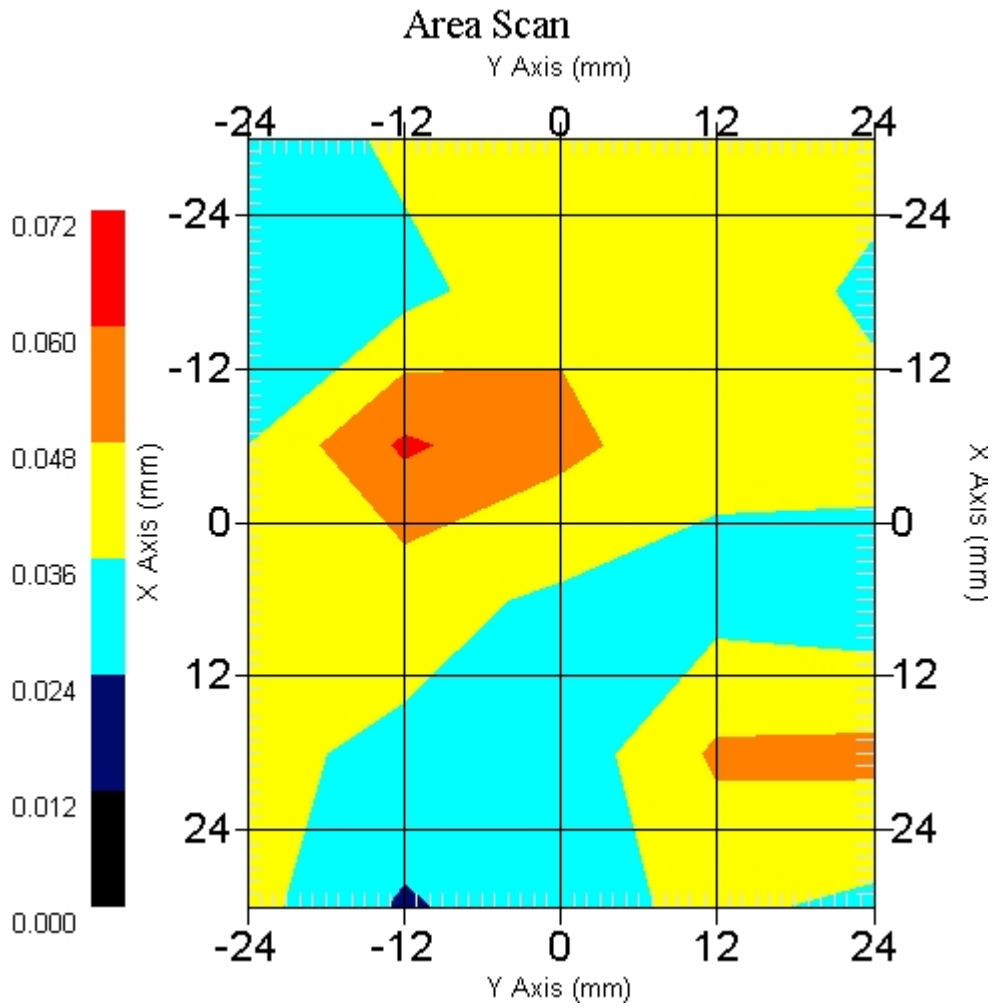
Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.044 W/kg
Power Drift-Finish: 0.043 W/kg
Power Drift (%) : -2.774

DUT Position : 802.11g- EUT Top
Channel : 11



1 gram SAR value : 0.057 W/kg
10 gram SAR value : 0.053 W/kg
Area Scan Peak SAR : 0.062 W/kg
Zoom Scan Peak SAR : 0.090 W/kg

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ALSAS-10U VER 2.3.1APREL Laboratories
SAR Test Report (802.11n MIMO)

Report Date : 14-Aug-2006
Measurement Date : 14-Aug-2006

Product Data

Device Name : Belkin
Type : Other
Model :
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0 W
Drift Time : 0 min(s)
Length : 120 mm
Width : 54 mm
Depth : 4.4 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 325-B
Frequency : 2450.00 MHz
Last Calib. Date : 14-Aug-2006
Temperature : 23.10 °C
Ambient Temp. : 23.60 °C
Humidity : 54.00 RH%
Epsilon : 51.29 F/m
Sigma : 1.979 S/m
Density : 1000.00 kg/cu. m

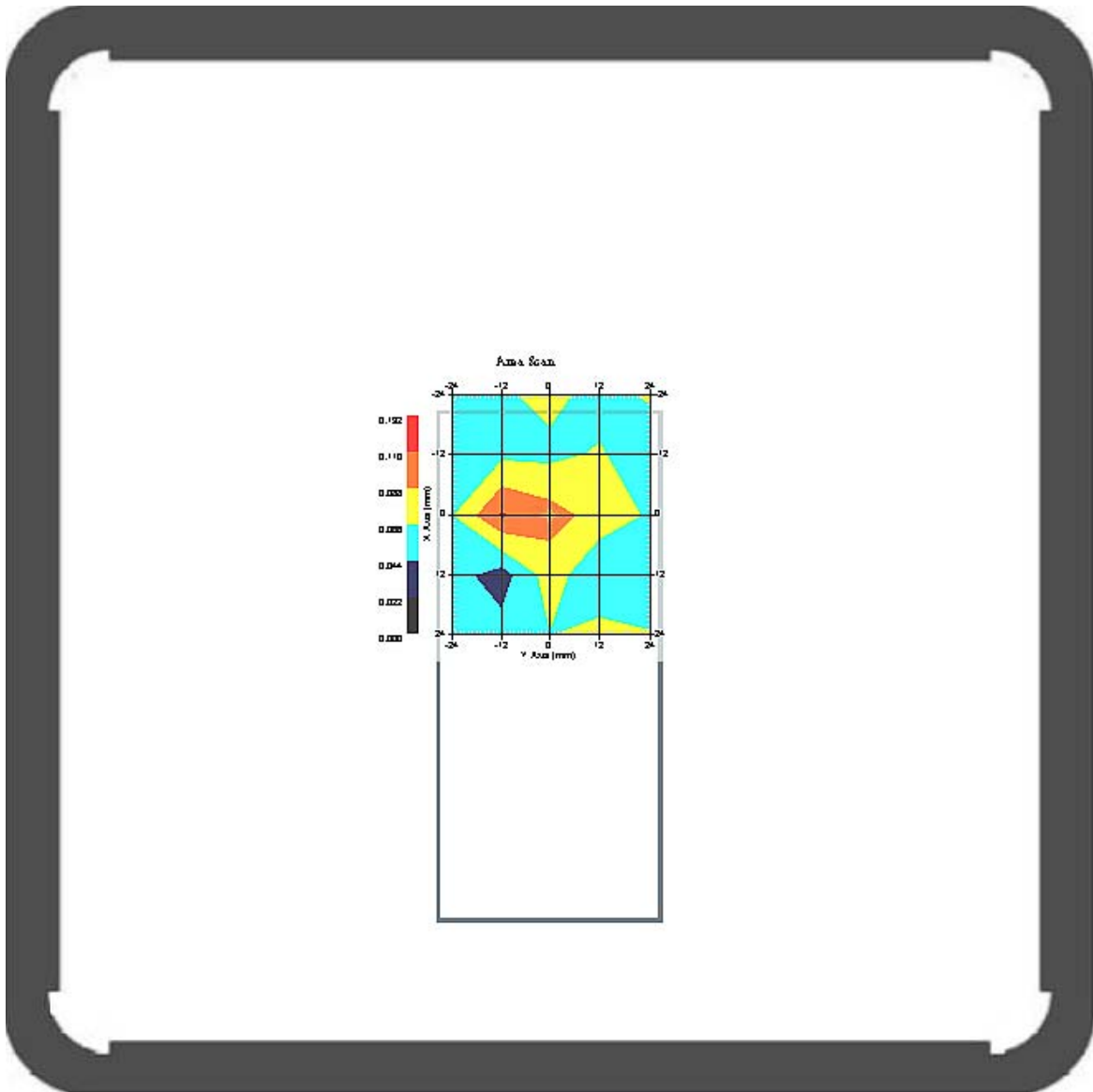
Probe Data

Name : Probe 264
Model : E020
Type : E-Field Triangle
Serial No. : 264
Last Calib. Date : 21-Mar-2006
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.2
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

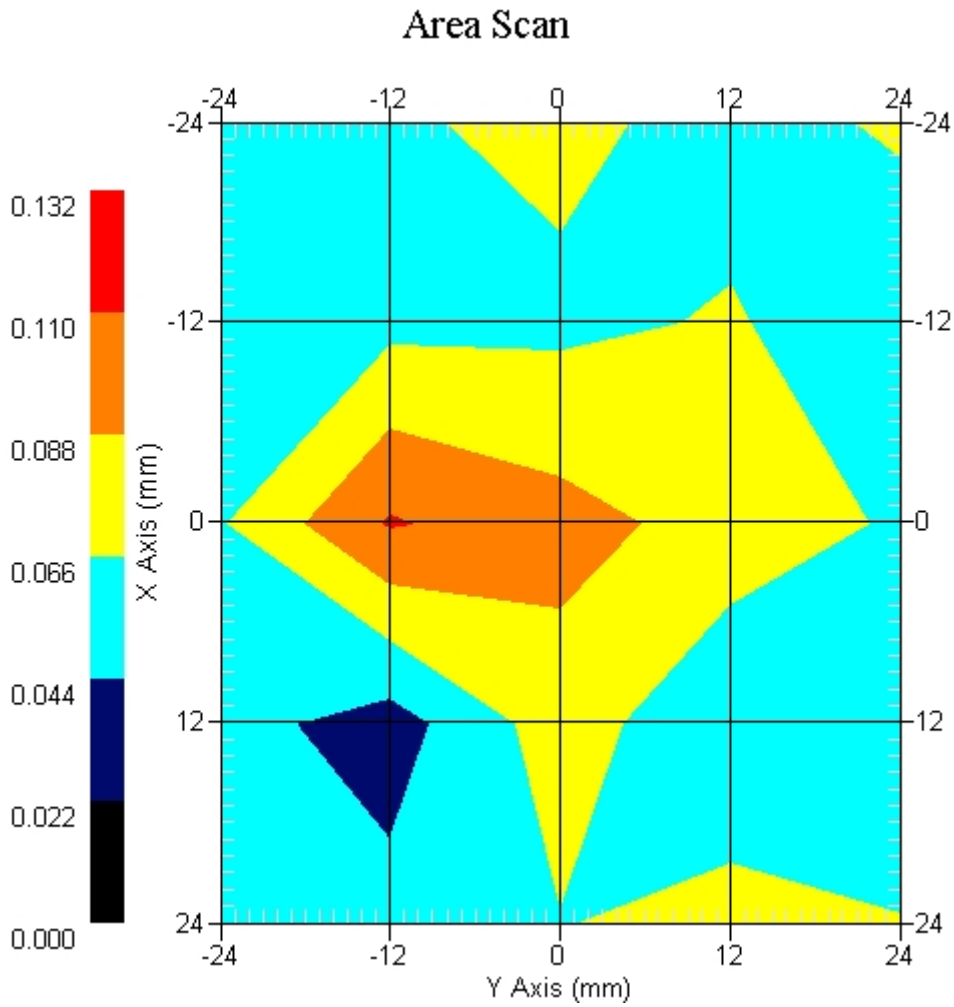
Crest Factor : 1
 Tissue Temp. : 23.10 °C
 Ambient Temp. : 23.60 °C
 Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.069 W/kg
 Power Drift-Finish: 0.066 W/kg
 Power Drift (%) : -4.494

DUT Position : Touch EUT Front
 Channel : 1



1 gram SAR value : 0.081 W/kg
 10 gram SAR value : 0.072 W/kg
 Area Scan Peak SAR : 0.112 W/kg
 Zoom Scan Peak SAR : 0.110 W/kg

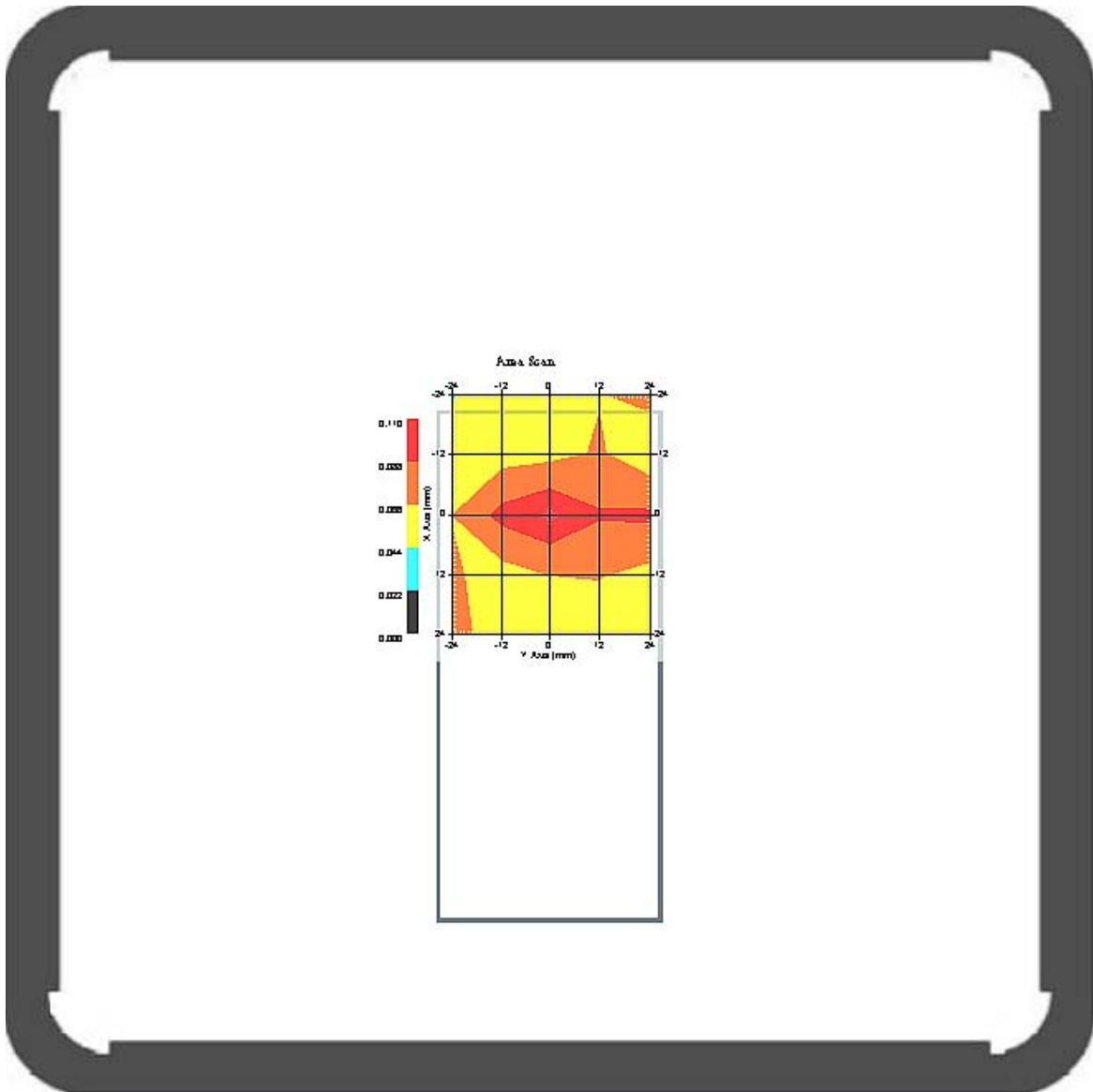
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Measurement Data

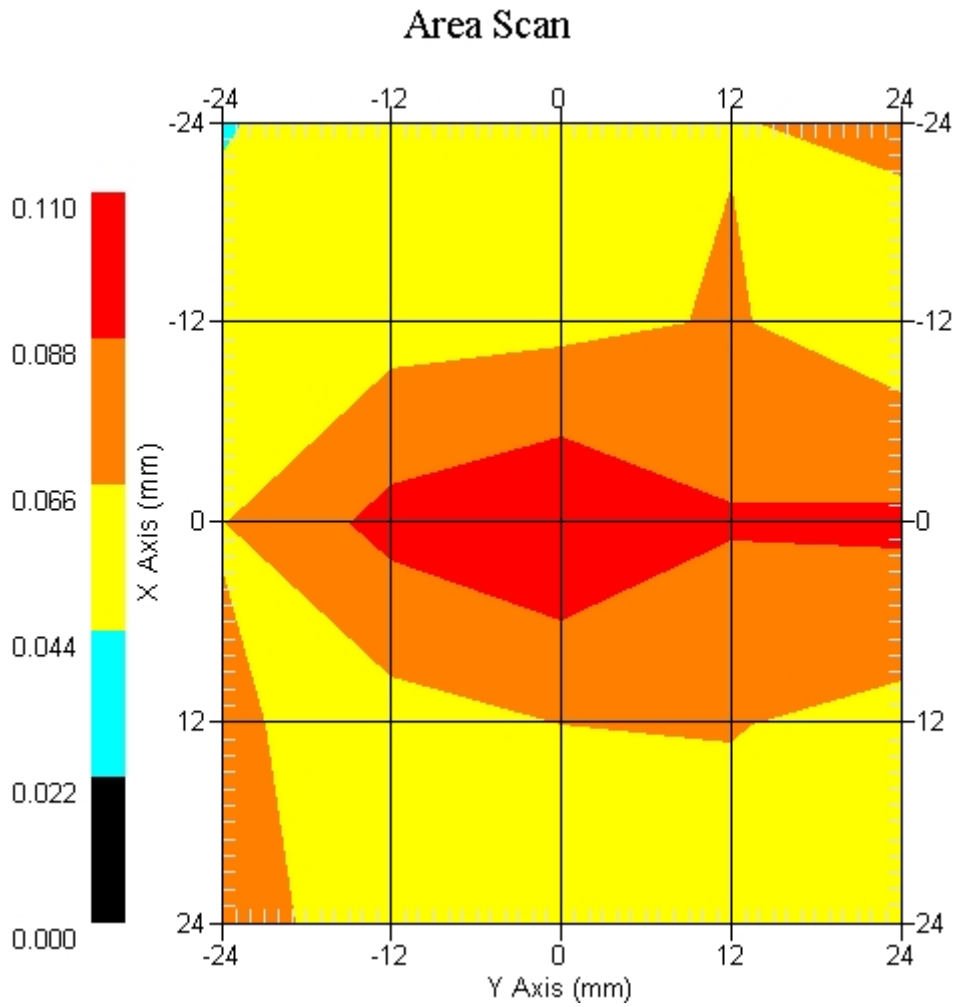
Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.074 W/kg
Power Drift-Finish: 0.071 W/kg
Power Drift (%) : -3.738

DUT Position : Touch EUT Front
Channel : 6



1 gram SAR value : 0.089 W/kg
10 gram SAR value : 0.072 W/kg
Area Scan Peak SAR : 0.109 W/kg
Zoom Scan Peak SAR : 0.100 W/kg

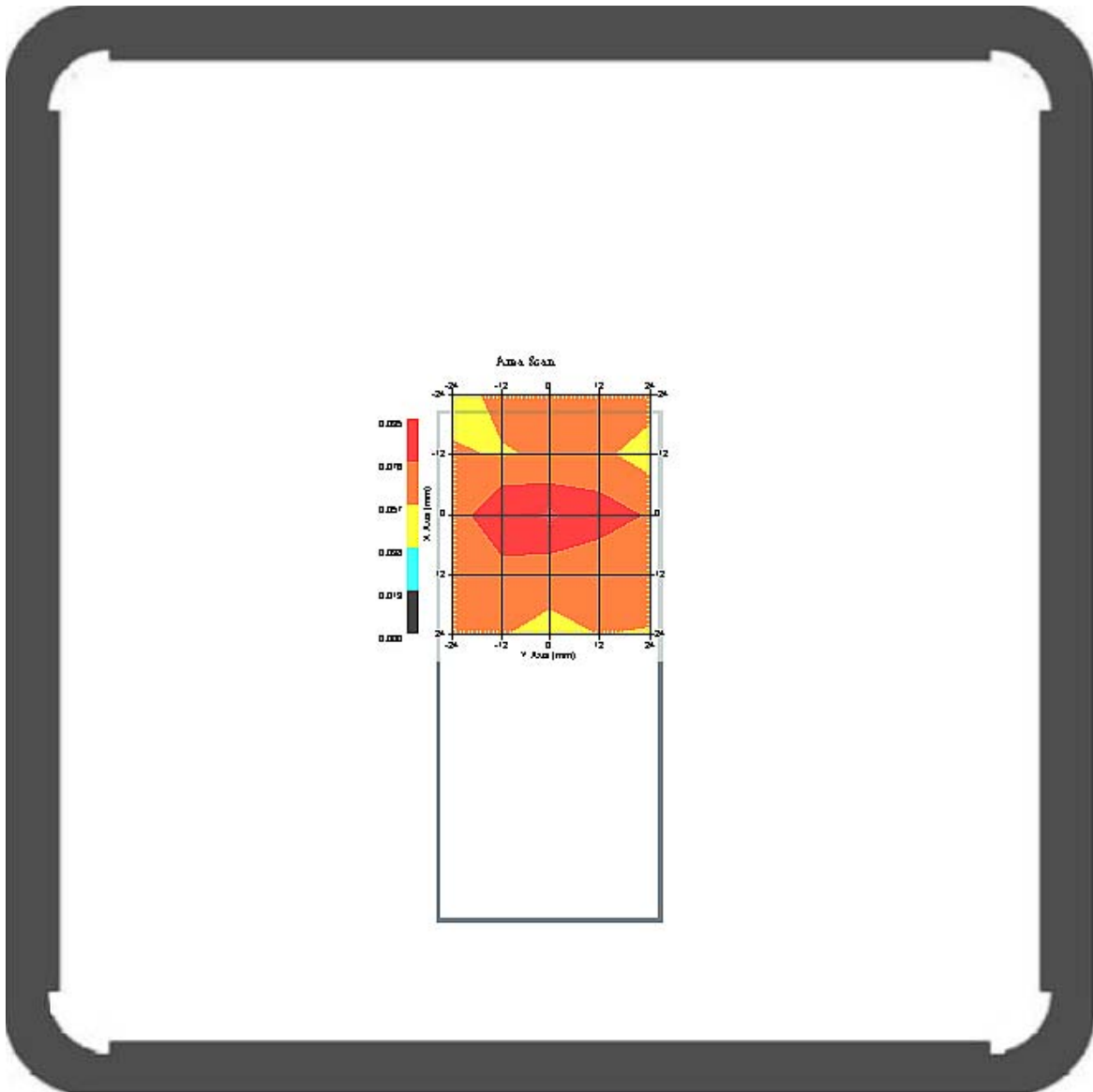
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Measurement Data

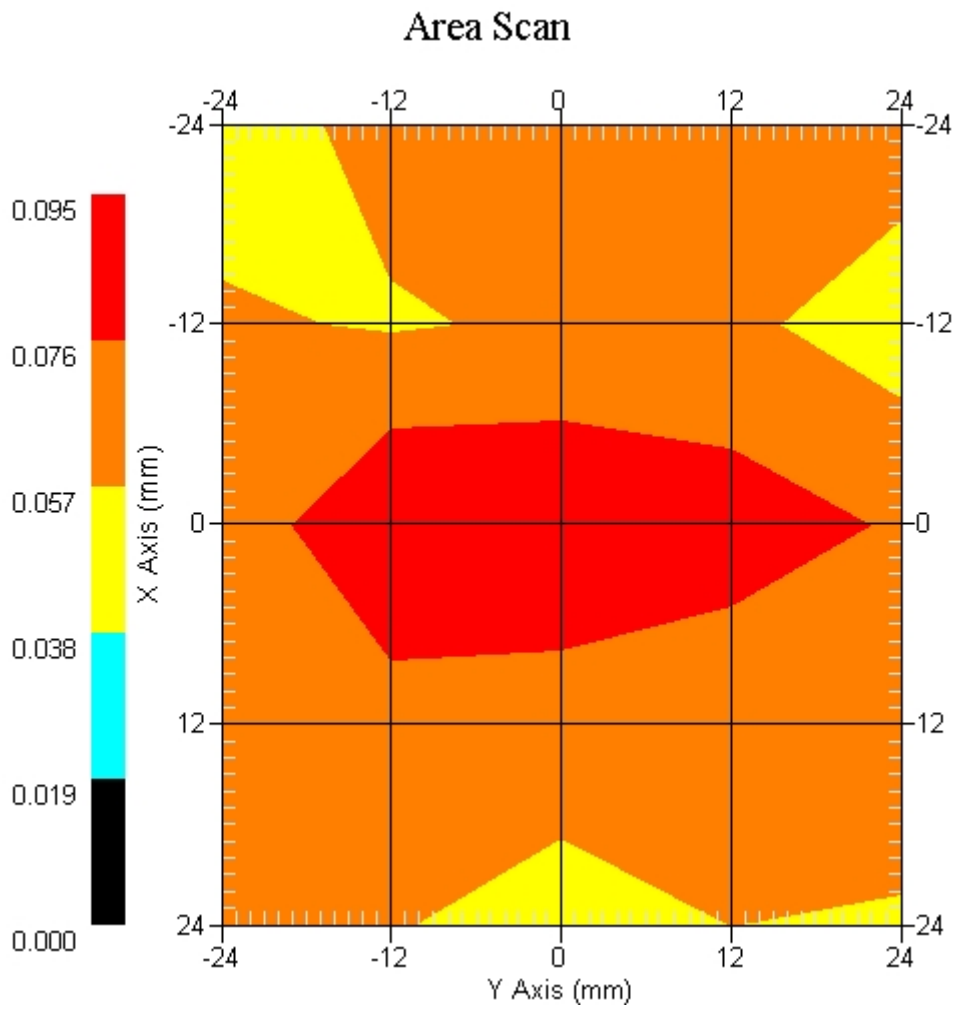
Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.074 W/kg
Power Drift-Finish: 0.071 W/kg
Power Drift (%) : -4.494

DUT Position : Touch EUT Front
Channel : 11



1 gram SAR value : 0.093 W/kg
10 gram SAR value : 0.075 W/kg
Area Scan Peak SAR : 0.095 W/kg
Zoom Scan Peak SAR : 0.140 W/kg

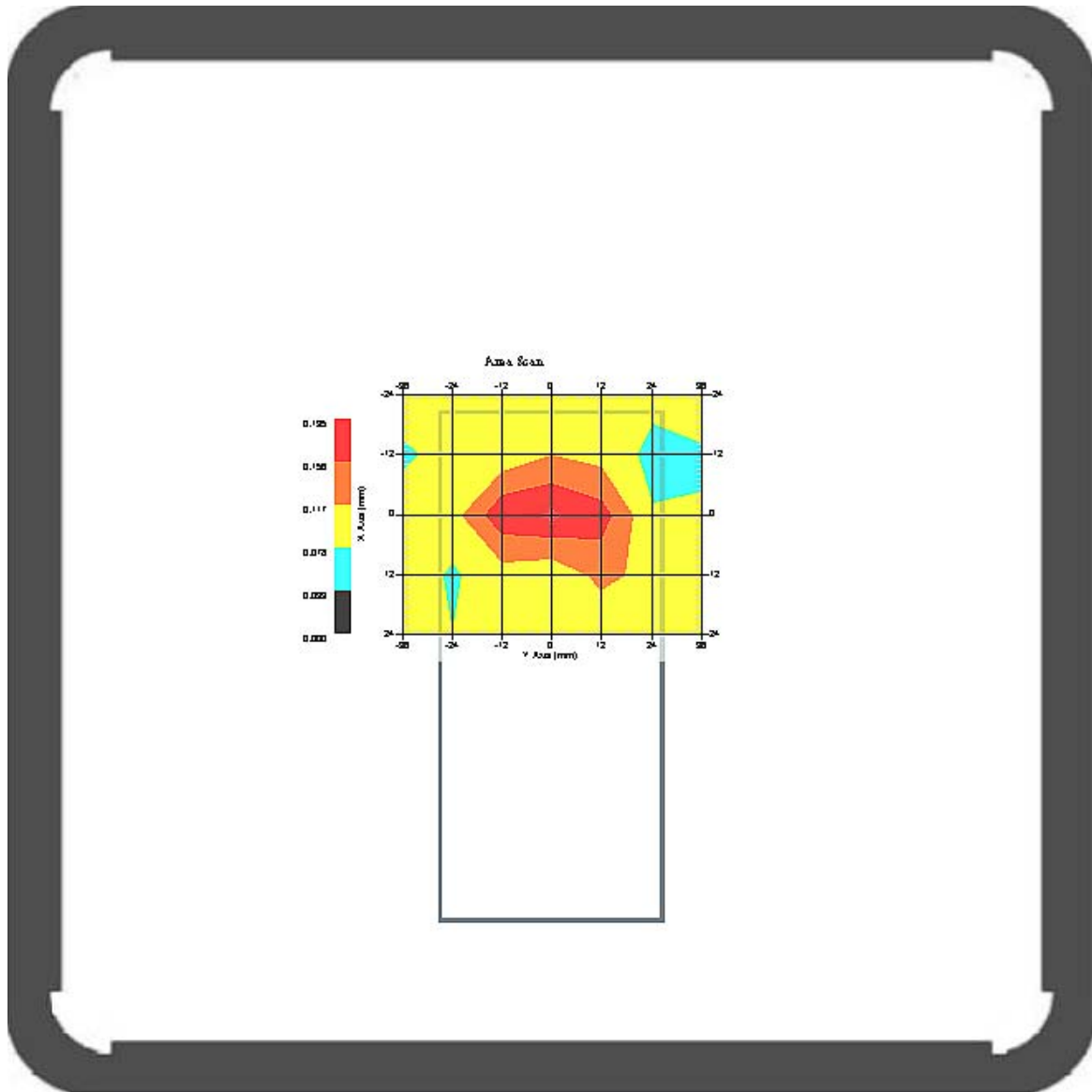
This is previous page plot (zoom in)



Measurement Data

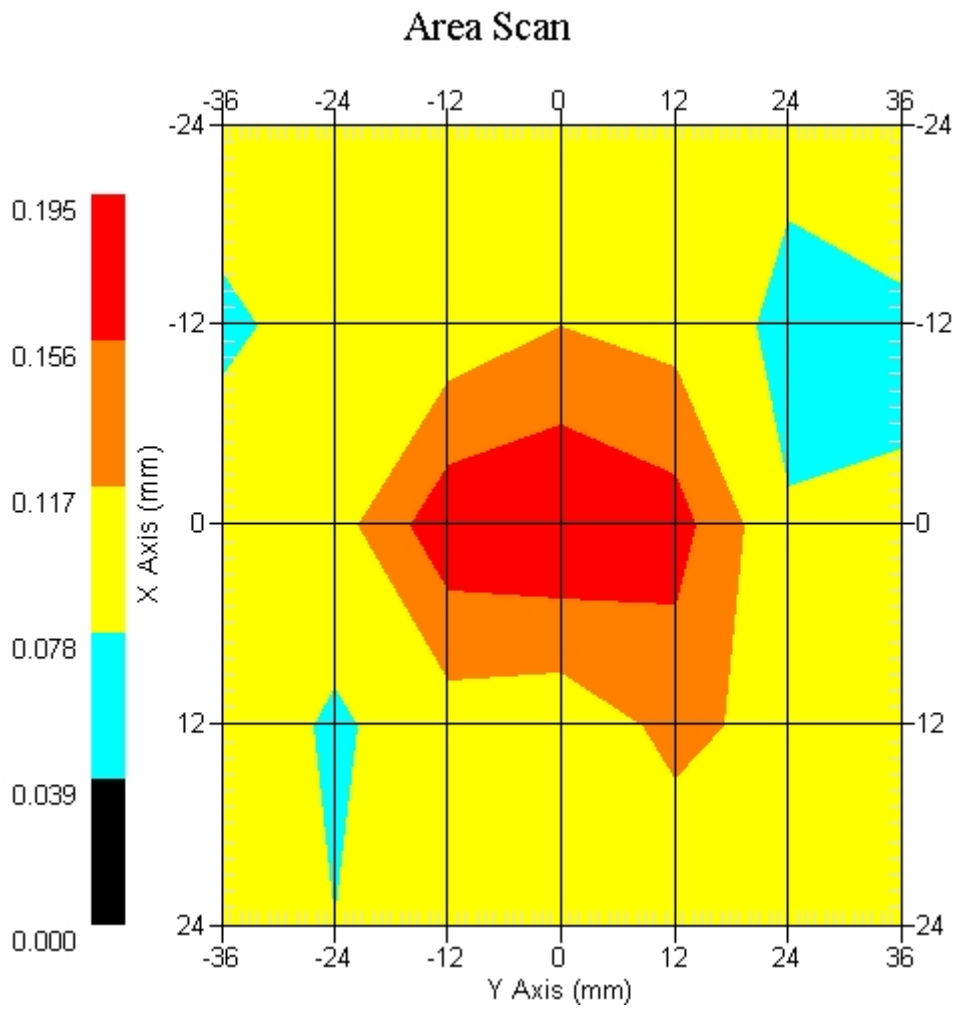
Crest Factor : 1
 Tissue Temp. : 23.10 °C
 Ambient Temp. : 23.60 °C
 Area Scan : 5x7x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.154 W/kg
 Power Drift-Finish: 0.157 W/kg
 Power Drift (%) : 1.887

DUT Position : Touch EUT Back
 Channel : 1



1 gram SAR value : 0.180 W/kg
 10 gram SAR value : 0.122 W/kg
 Area Scan Peak SAR : 0.195 W/kg
 Zoom Scan Peak SAR : 0.280 W/kg

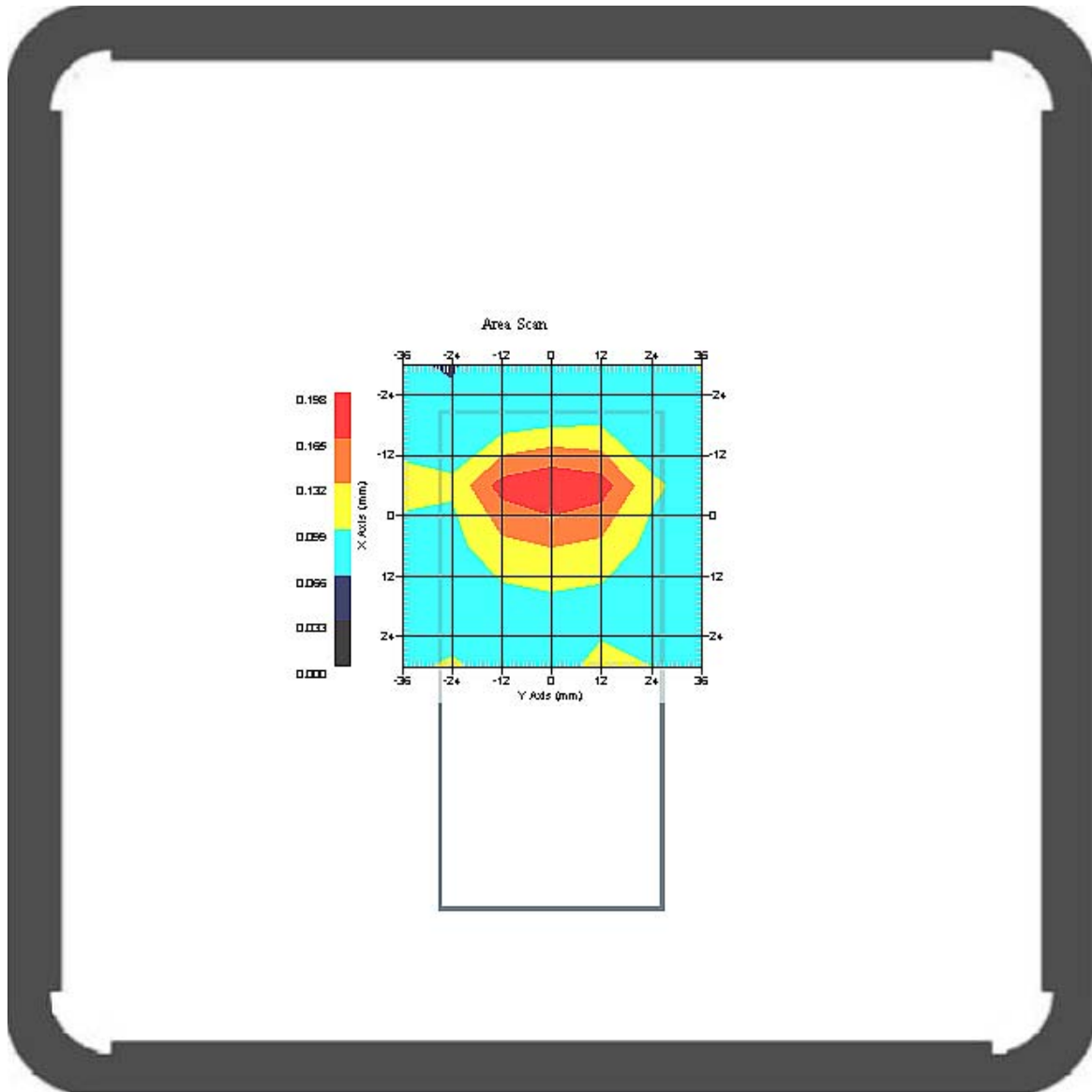
This is previous page plot (zoom in)



Measurement Data

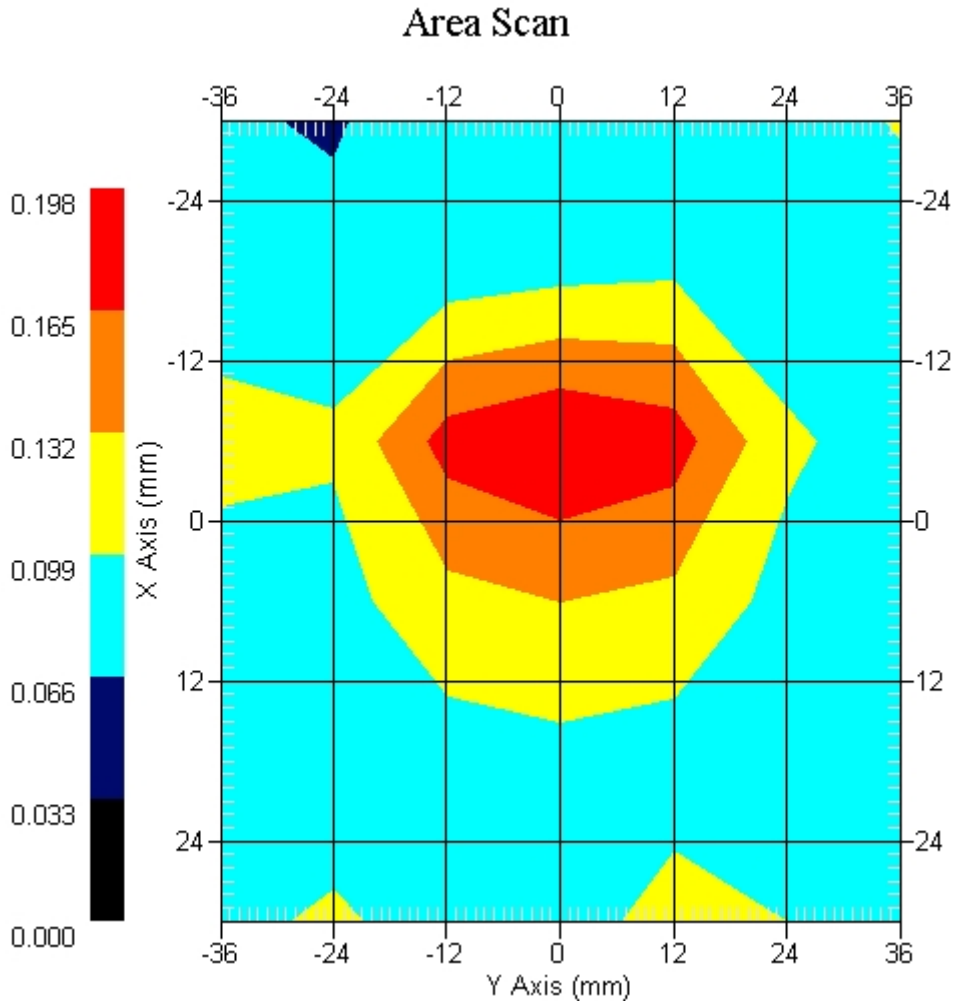
Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 6x7x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.172 W/kg
Power Drift-Finish: 0.178 W/kg
Power Drift (%) : 3.363

DUT Position : Touch EUT Back
Channel : 6



1 gram SAR value : 0.179 W/kg
10 gram SAR value : 0.121 W/kg
Area Scan Peak SAR : 0.197 W/kg
Zoom Scan Peak SAR : 0.280 W/kg

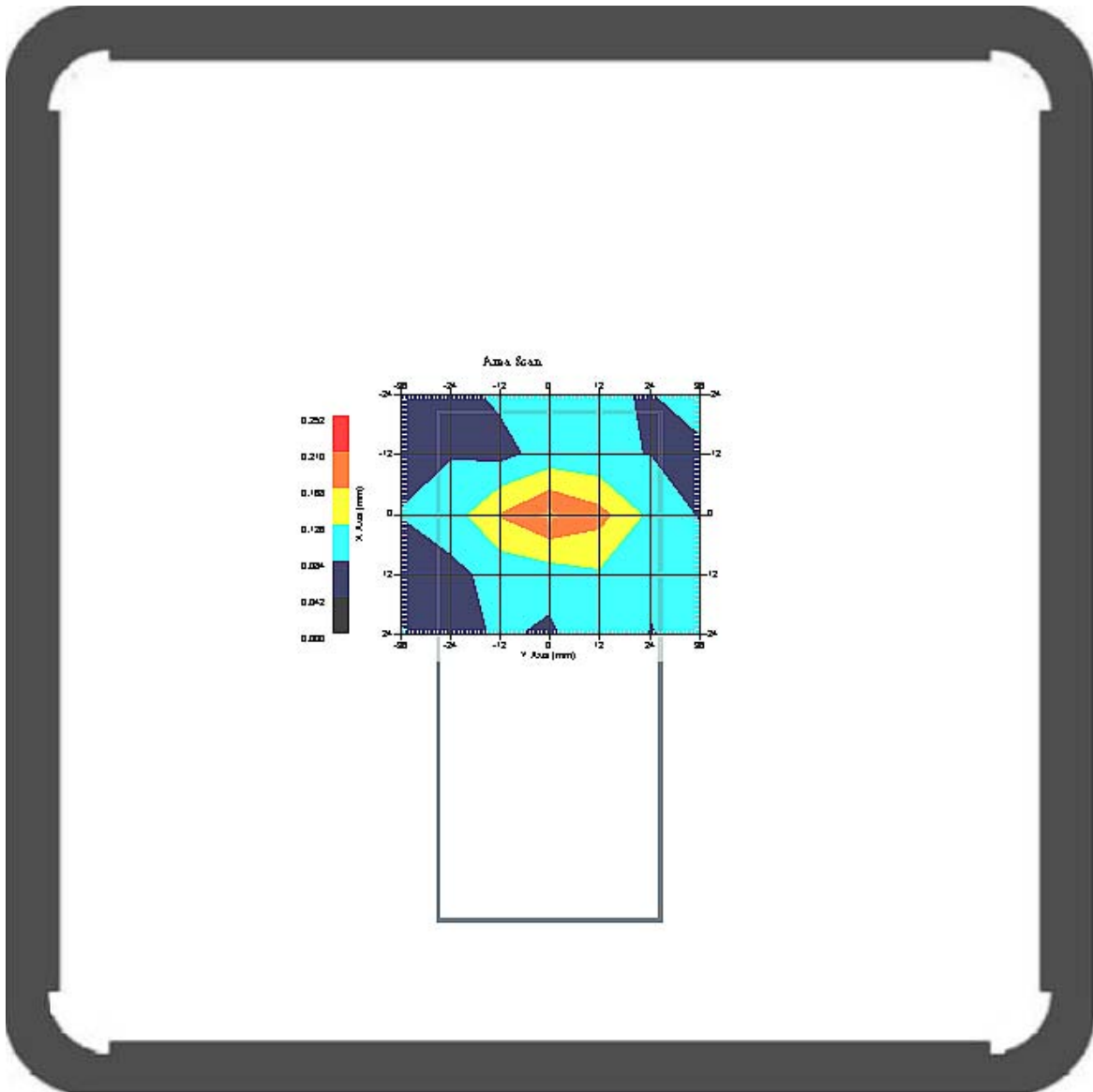
This is previous page plot (zoom in)



Measurement Data

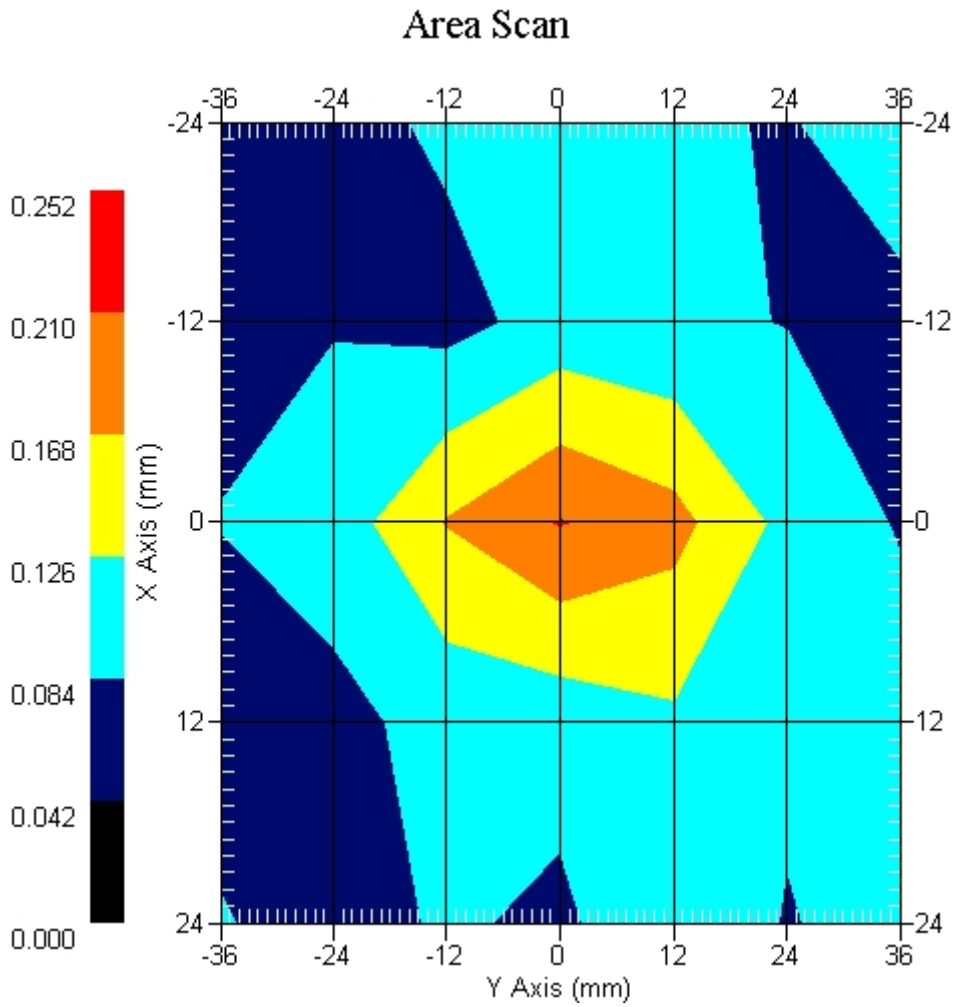
Crest Factor : 1
 Tissue Temp. : 23.10 °C
 Ambient Temp. : 23.60 °C
 Area Scan : 5x7x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.169 W/kg
 Power Drift-Finish: 0.173 W/kg
 Power Drift (%) : 2.240

DUT Position : Touch EUT Back
 Channel : 11



1 gram SAR value : 0.173 W/kg
 10 gram SAR value : 0.110 W/kg
 Area Scan Peak SAR : 0.212 W/kg
 Zoom Scan Peak SAR : 0.250 W/kg

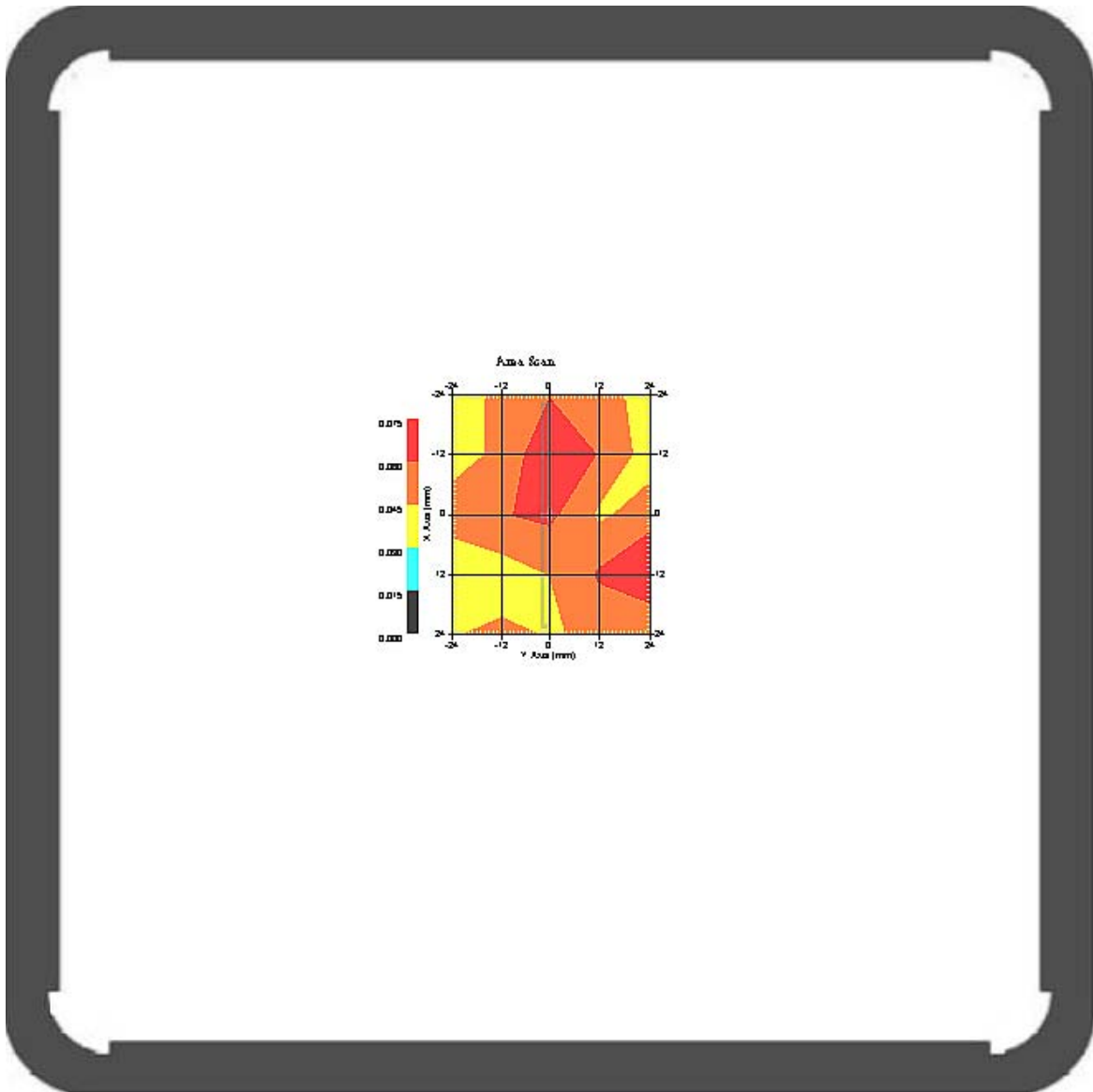
This is previous page plot (zoom in)



Measurement Data

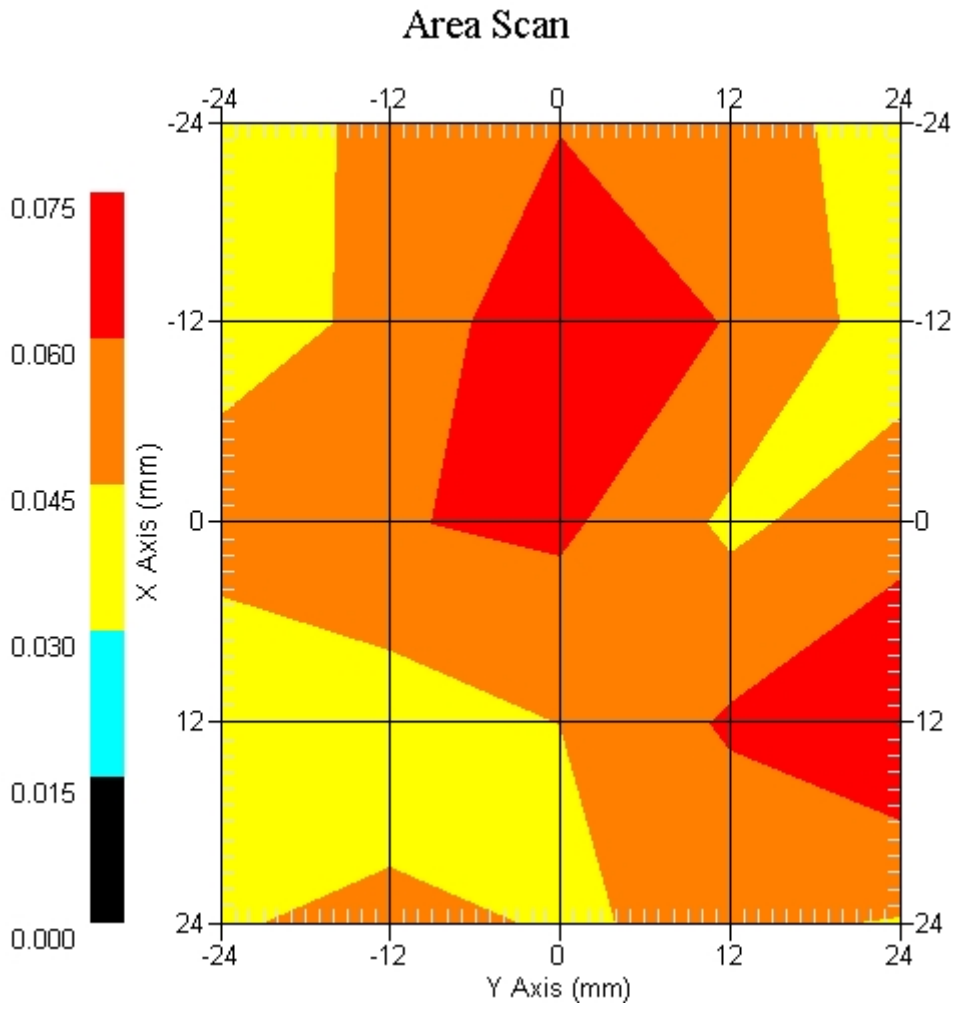
Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.079 W/kg
Power Drift-Finish: 0.077 W/kg
Power Drift (%) : -2.221

DUT Position : Touch EUT Top
Channel : 1



1 gram SAR value : 0.087 W/kg
10 gram SAR value : 0.069 W/kg
Area Scan Peak SAR : 0.075 W/kg
Zoom Scan Peak SAR : 0.160 W/kg

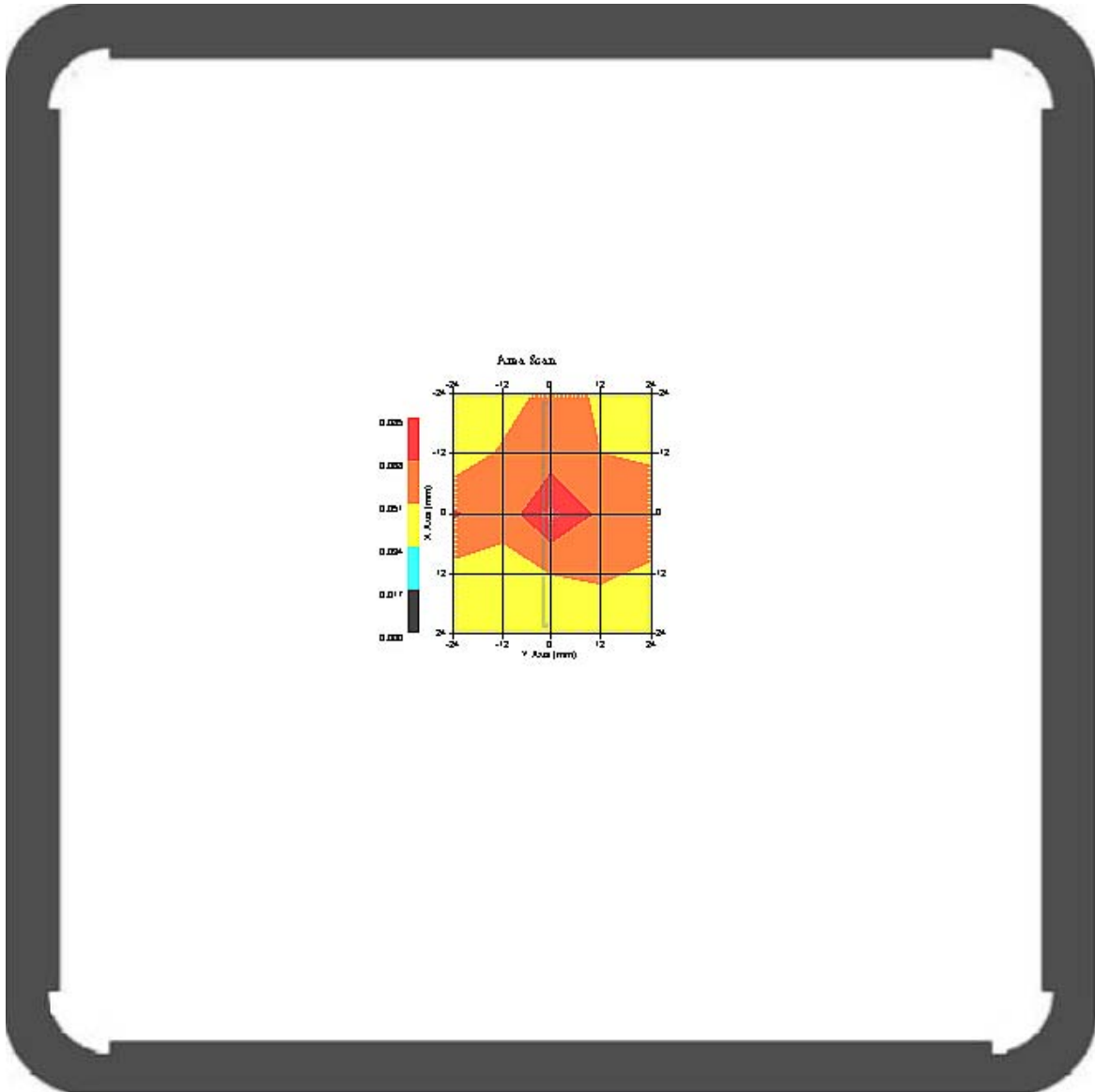
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Measurement Data

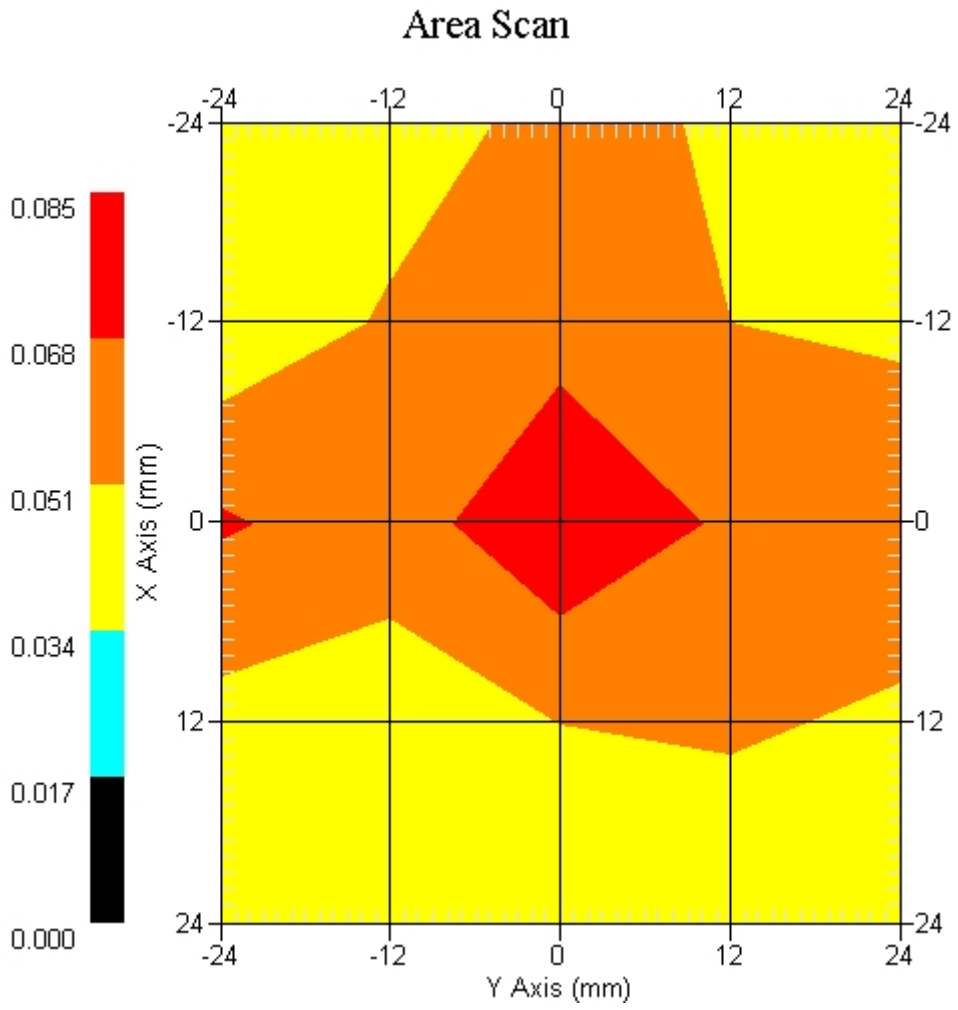
Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.074 W/kg
Power Drift-Finish: 0.071 W/kg
Power Drift (%) : -4.055

DUT Position : Touch EUT Top
Channel : 6



1 gram SAR value : 0.074 W/kg
10 gram SAR value : 0.064 W/kg
Area Scan Peak SAR : 0.083 W/kg
Zoom Scan Peak SAR : 0.092 W/kg

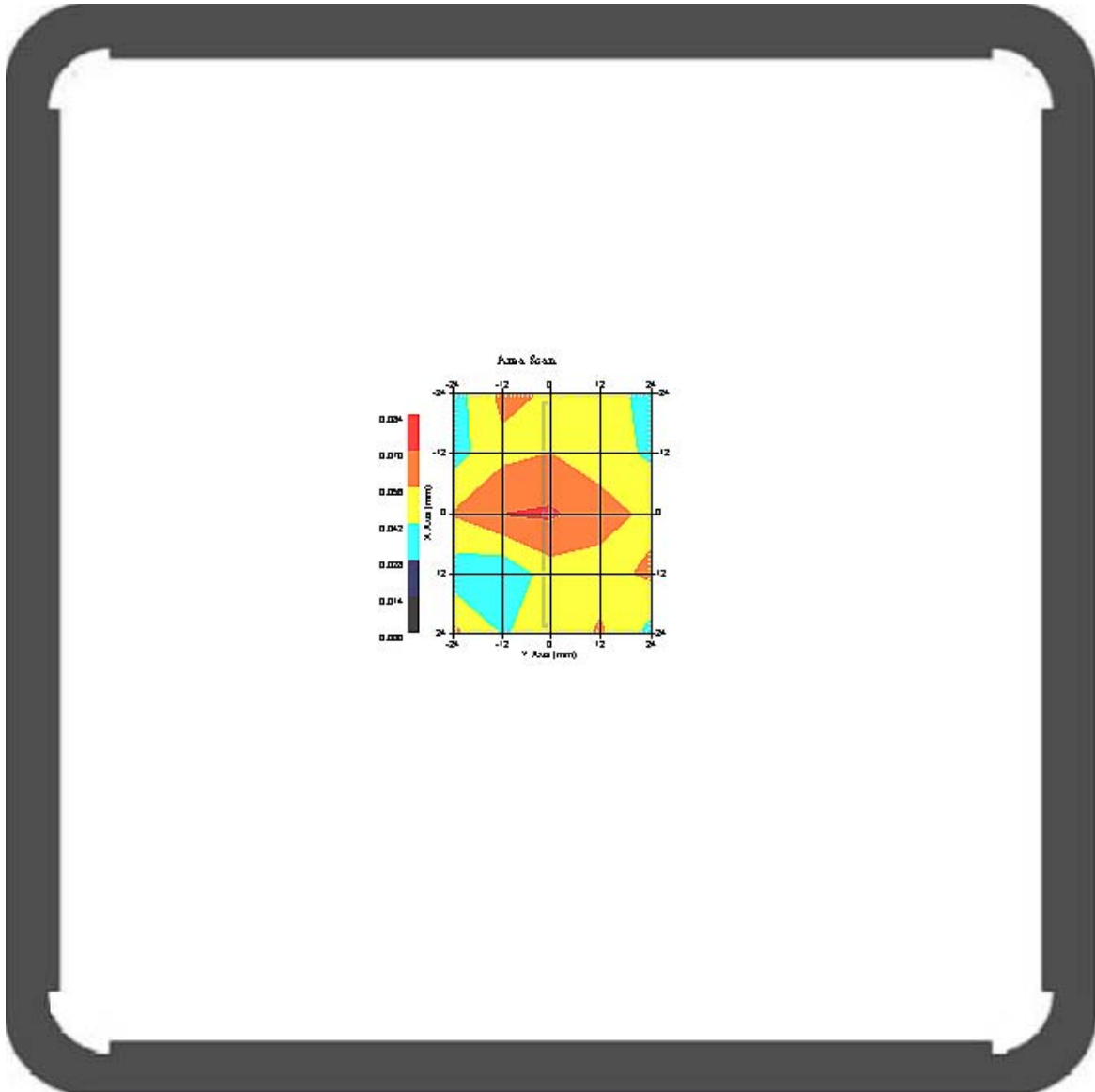
This is previous page plot (zoom in)



Measurement Data

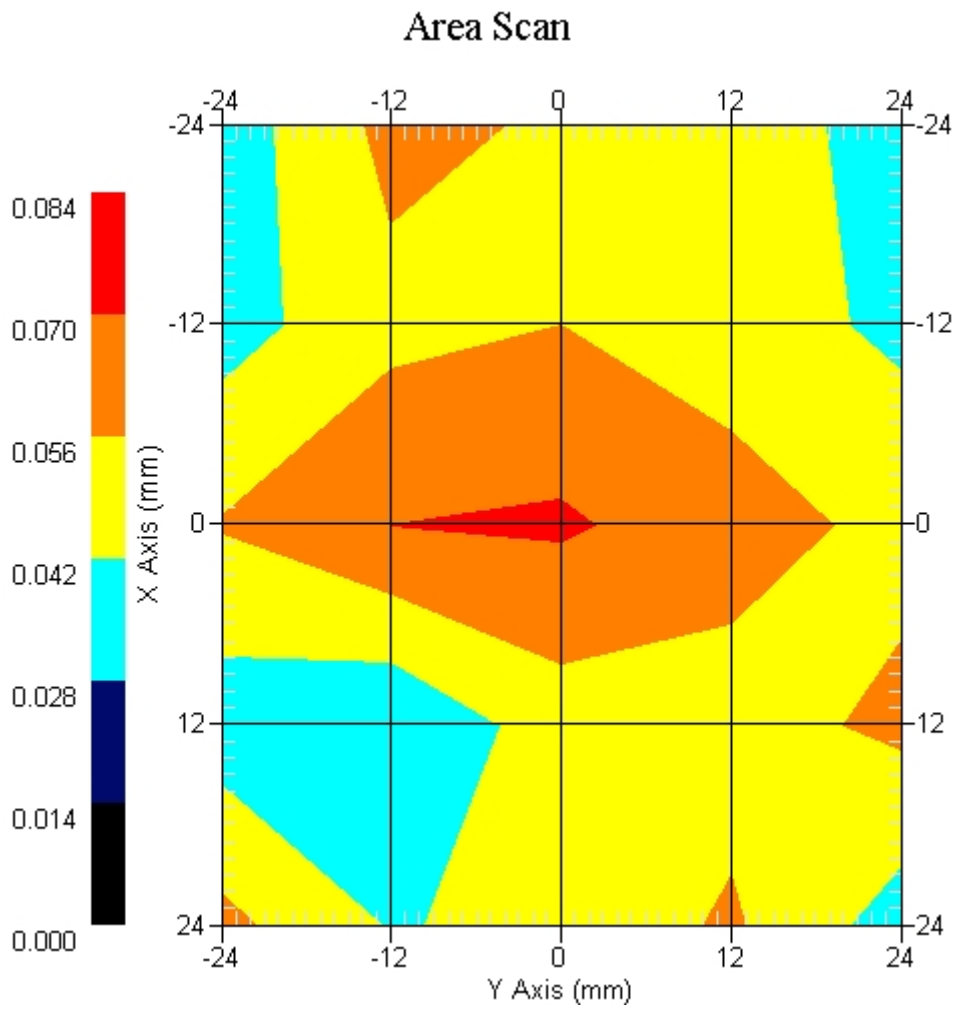
Crest Factor : 1
Tissue Temp. : 23.10 °C
Ambient Temp. : 23.60 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.063 W/kg
Power Drift-Finish: 0.061 W/kg
Power Drift (%) : -3.724

DUT Position : Touch EUT Top
Channel : 11



1 gram SAR value : 0.081 W/kg
10 gram SAR value : 0.064 W/kg
Area Scan Peak SAR : 0.072 W/kg
Zoom Scan Peak SAR : 0.094 W/kg

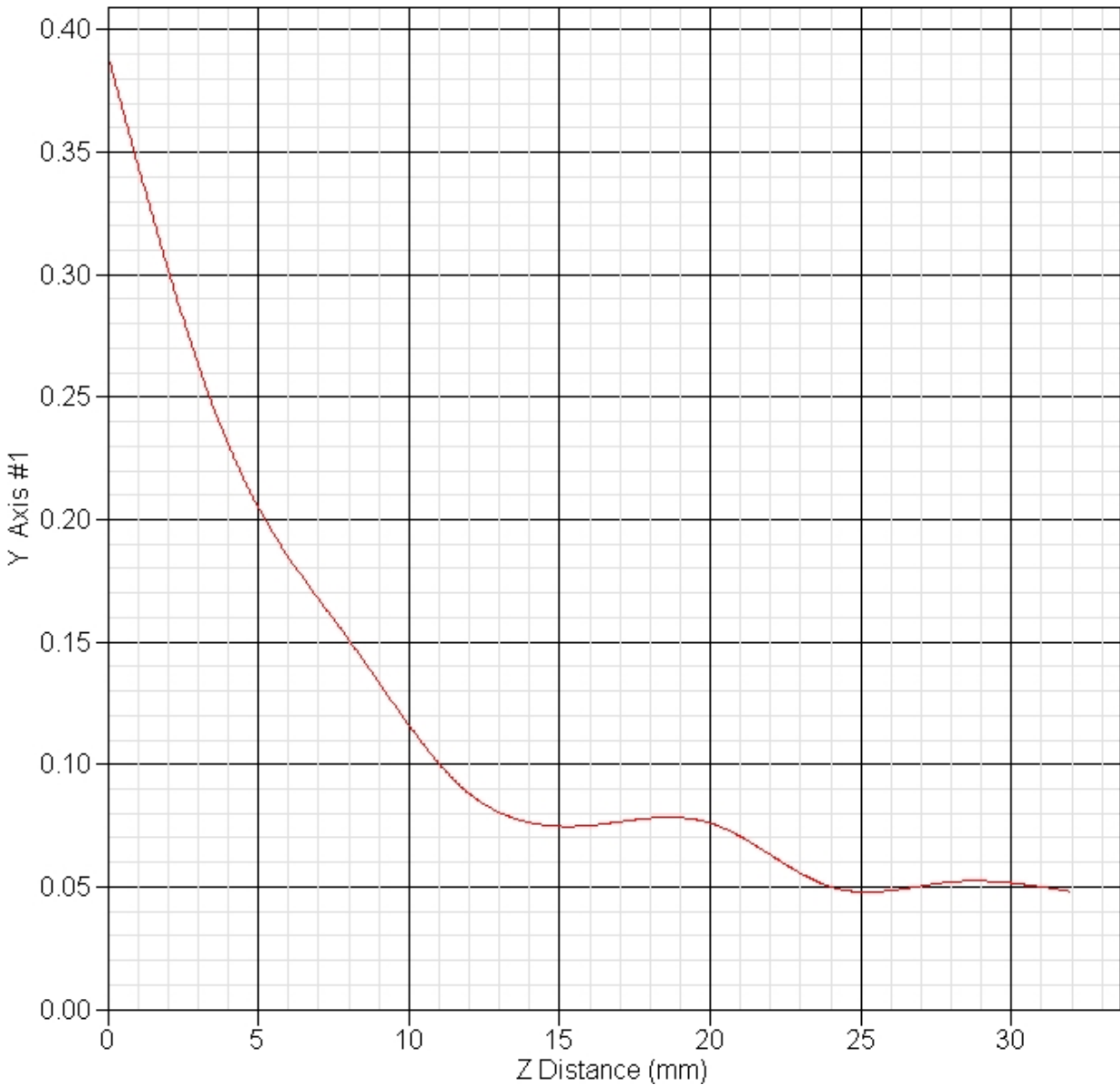
This is previous page plot (zoom in)



EUT 2450MHz SAR test Z-Axis plot

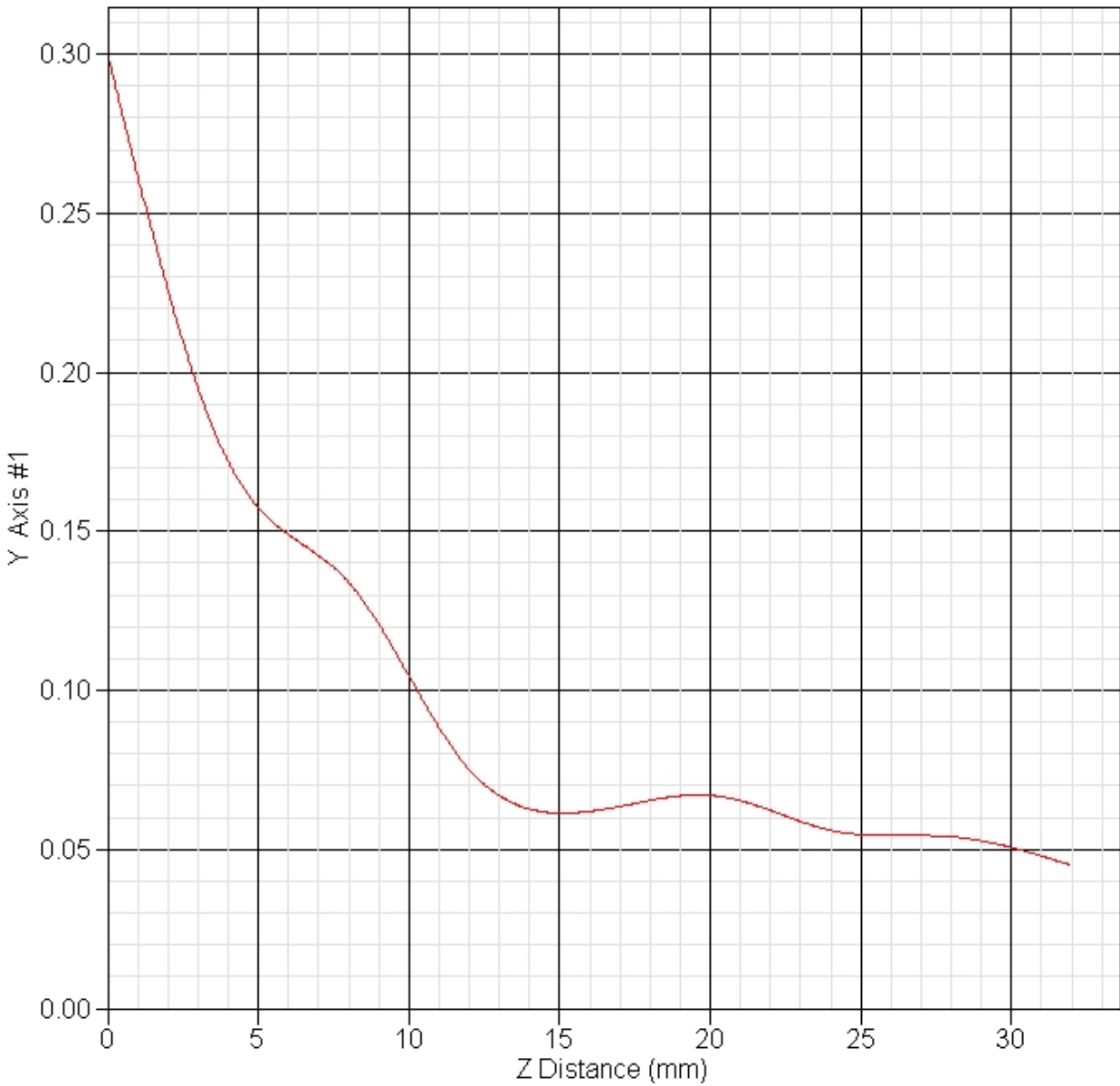
(802.11b, Back, Channel 6)

SAR-Z Axis
at Hotspot x:-7.80 y:11.90



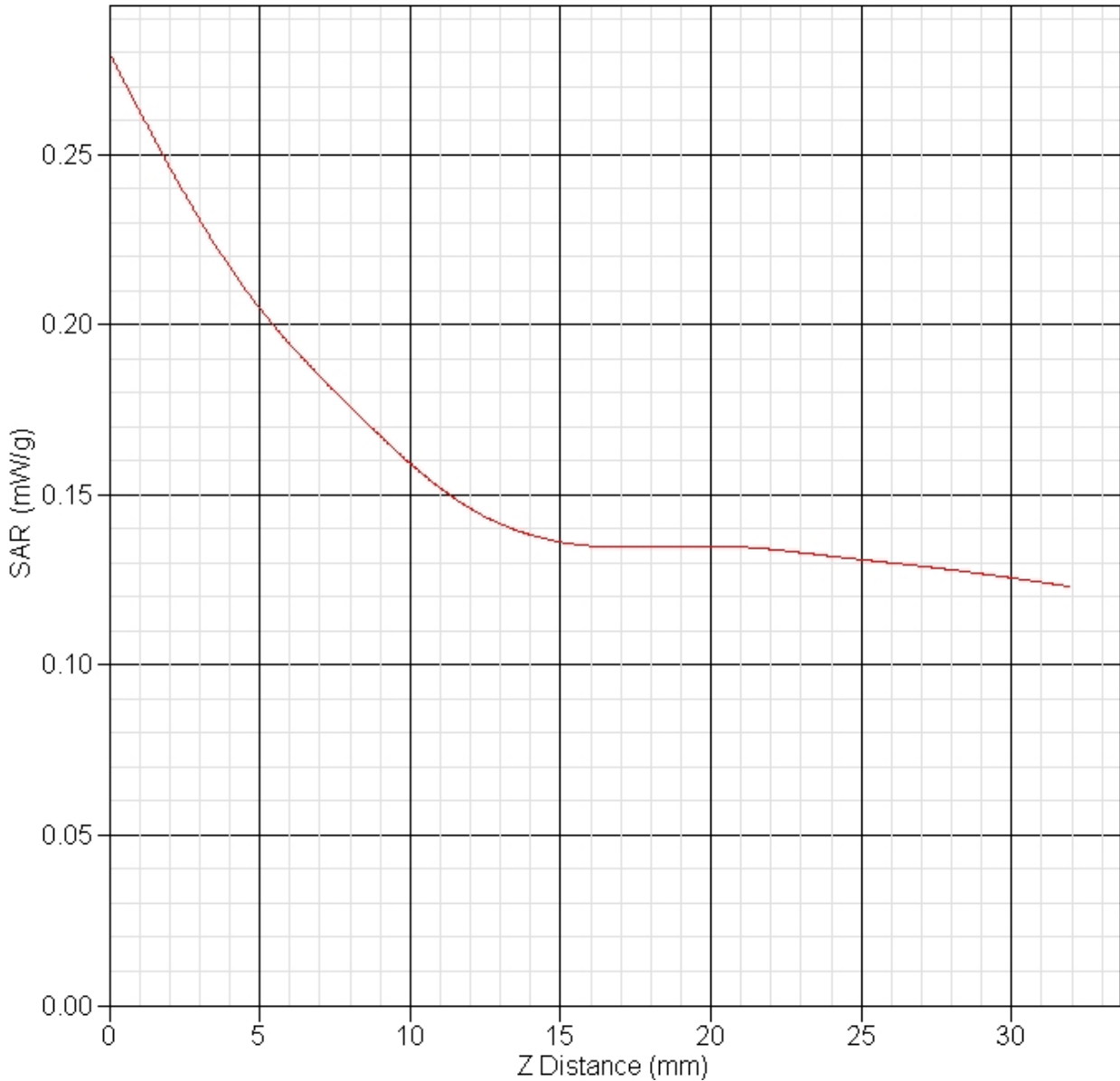
EUT 2450MHz SAR test Z-Axis plot
(802.11g, Front, Channel 11)

SAR-Z Axis
at Hotspot x:0.10 y:11.80



EUT 2450MHz SAR test Z-Axis plot
(802.11n MIMO, Back, Channel 1)

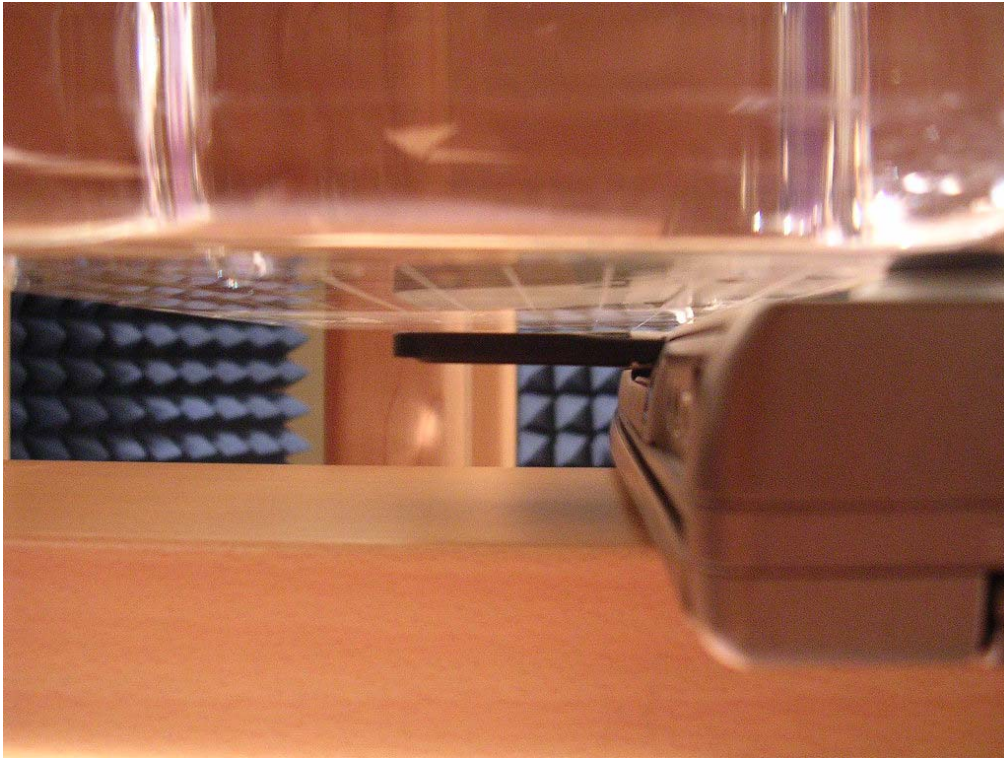
SAR-Z Axis
at Hotspot x:-5.97 y:-0.01



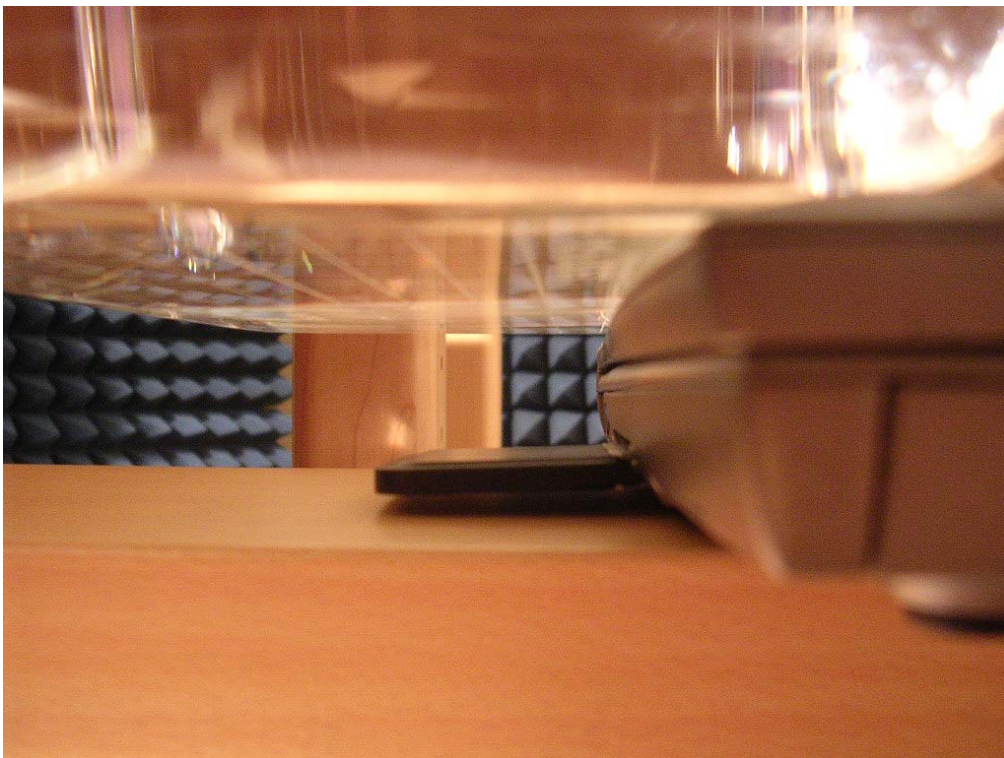
Appendix C. Test Setup Photographs & EUT Photographs

Test Setup Photographs

EUT Back



EUT Front



EUT Top



EUT Photographs



