

ALSAS-10U VER 2.3.6 APREL Laboratories
SAR Test Report -802.11n(20M), 5200 MHz- Tx1 AntennaReport Date : 18-Feb-2009
Measurement Date : 18-Feb-2009

Product Data

Device Name : Tablet PC
Type : Other
Model : CFT-001
Frequency : 5200.00 MHz
Drift Time : 0 min(s)
Length : 256 mm
Width : 23 mm
Depth : 254 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 326-B
Frequency : 5200.00 MHz
Last Calib. Date : 18-Feb-2009
Temperature : 21.40 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 49.72 F/m
Sigma : 5.46 S/m
Density : 1000.00 kg/cu. m

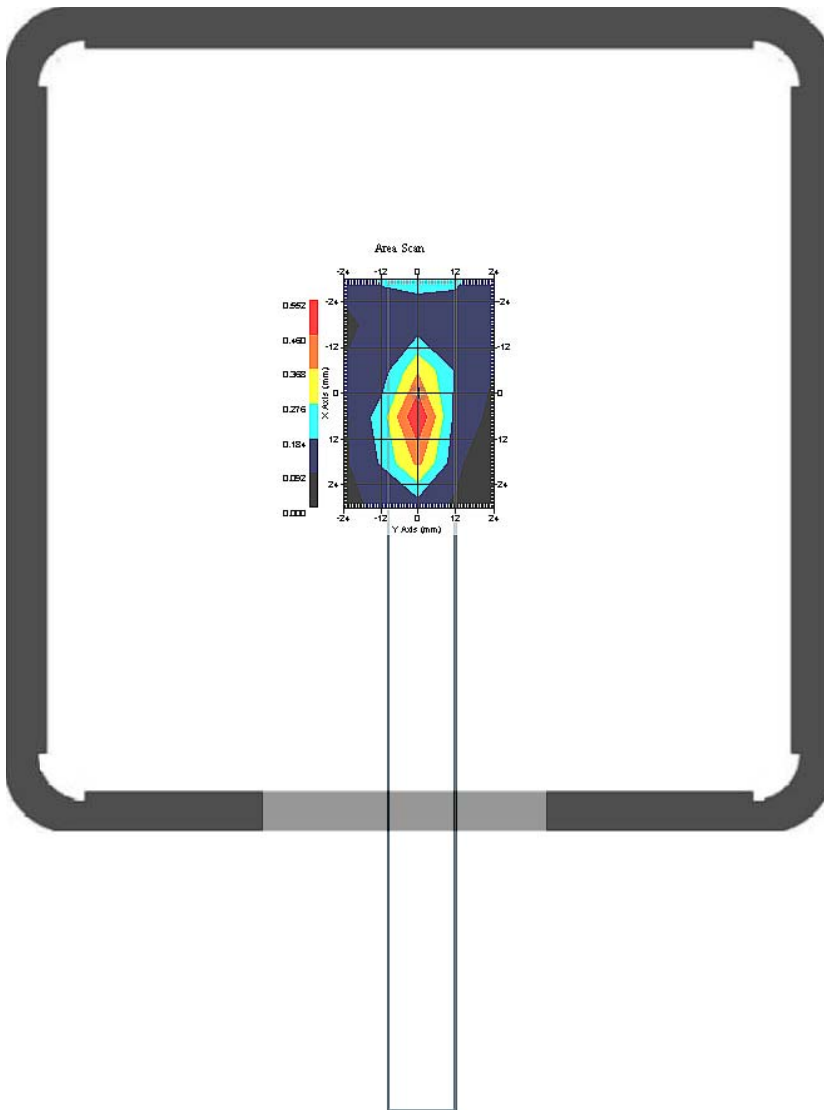
Probe Data

Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 5200.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
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

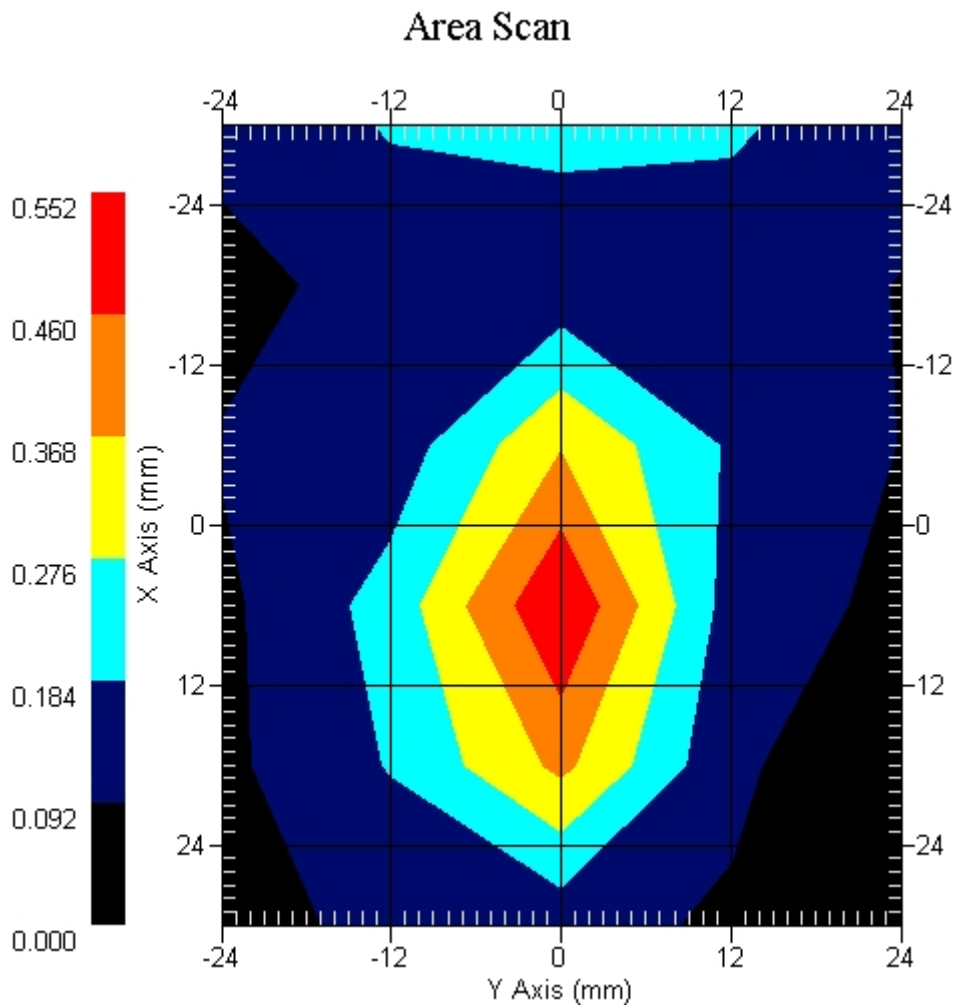
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.451 W/kg
Power Drift-Finish: 0.442 W/kg
Power Drift (%) : -1.995

DUT Position : Touch EUT Top
Channel : 64



1 gram SAR value : 0.523 W/kg
10 gram SAR value : 0.300 W/kg
Area Scan Peak SAR : 0.550 W/kg
Zoom Scan Peak SAR : 1.230 W/kg

This is previous page plot (zoom in)

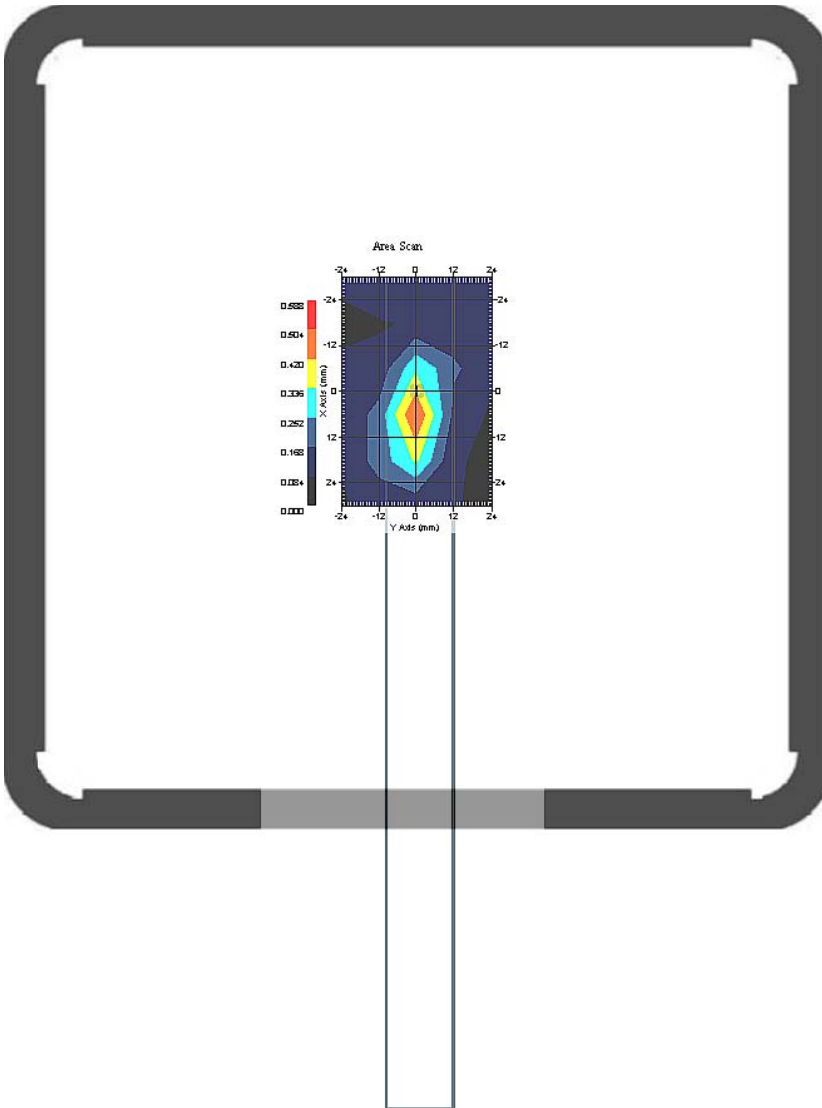


ALSAS-10U VER 2.3.6 APREL Laboratories
SAR Test Report –802.11n(40M), 5200 MHz- Tx1 AntennaReport Date : 18-Feb-2009
Measurement Date : 18-Feb-2009**Product Data**Device Name : Tablet PC
Type : Other
Model : CFT-001
Frequency : 5200.00 MHz
Drift Time : 0 min(s)
Length : 256 mm
Width : 23 mm
Depth : 254 mm
Antenna Type : Internal**Phantom Data**Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center**Tissue Data**Type : BODY
Serial No. : 326-B
Frequency : 5200.00 MHz
Last Calib. Date : 18-Feb-2009
Temperature : 21.40 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 49.72 F/m
Sigma : 5.46 S/m
Density : 1000.00 kg/cu. m**Probe Data**Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 5200.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
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

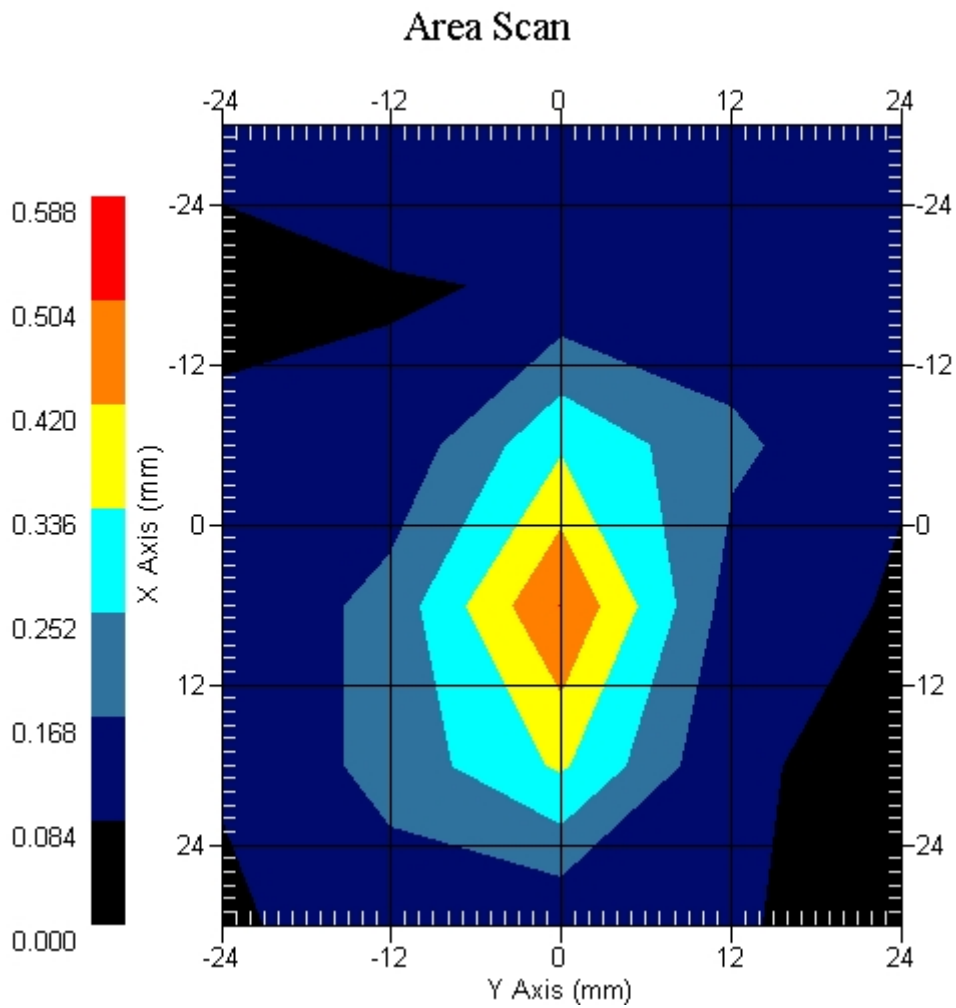
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.40 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.519 W/kg
Power Drift-Finish: 0.530 W/kg
Power Drift (%) : 2.119

DUT Position : Touch EUT Top
Channel : 62



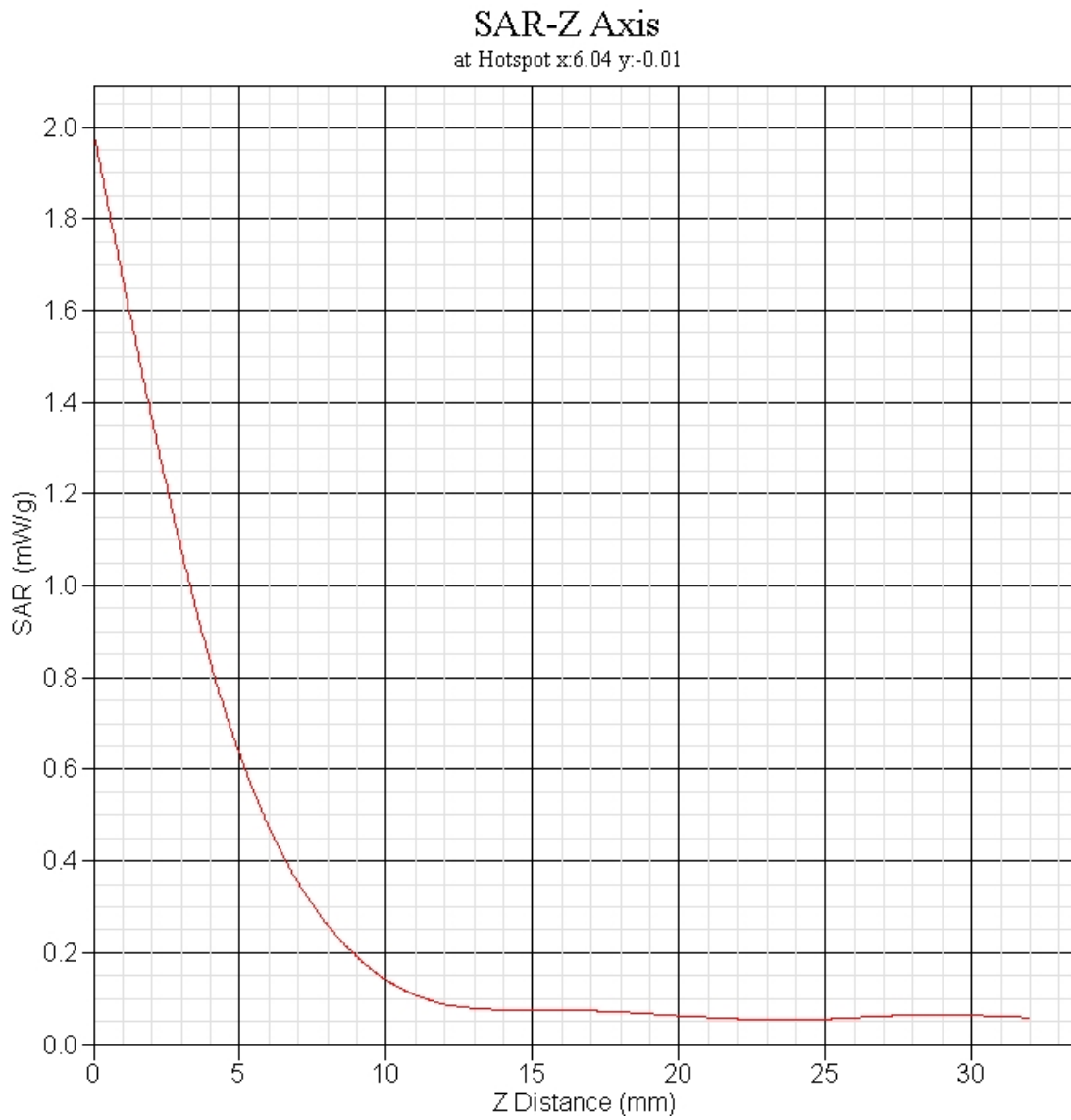
1 gram SAR value : 0.506 W/kg
10 gram SAR value : 0.217 W/kg
Area Scan Peak SAR : 0.506 W/kg
Zoom Scan Peak SAR : 1.301 W/kg

This is previous page plot (zoom in)



802.11a(5200MHz)- Tx1 Antenna, EUT Top Z-Axis plot

Channel: 64



SAR measurement Data

ALSAS-10U VER 2.3.6 APREL Laboratories

SAR Test Report -802.11a, 5800 MHz- Tx1 Antenna

Report Date : 18-Feb-2009
Measurement Date : 18-Feb-2009

Product Data

Device Name : Tablet PC
Type : Other
Model : CFT-001
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 256 mm
Width : 23 mm
Depth : 254 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 327-B
Frequency : 5800.00 MHz
Last Calib. Date : 18-Feb-2009
Temperature : 21.40 °C
Ambient Temp. : 22.50 °C
Humidity : 51.00 RH%
Epsilon : 49.72 F/m
Sigma : 6.14 S/m
Density : 1000.00 kg/cu. m

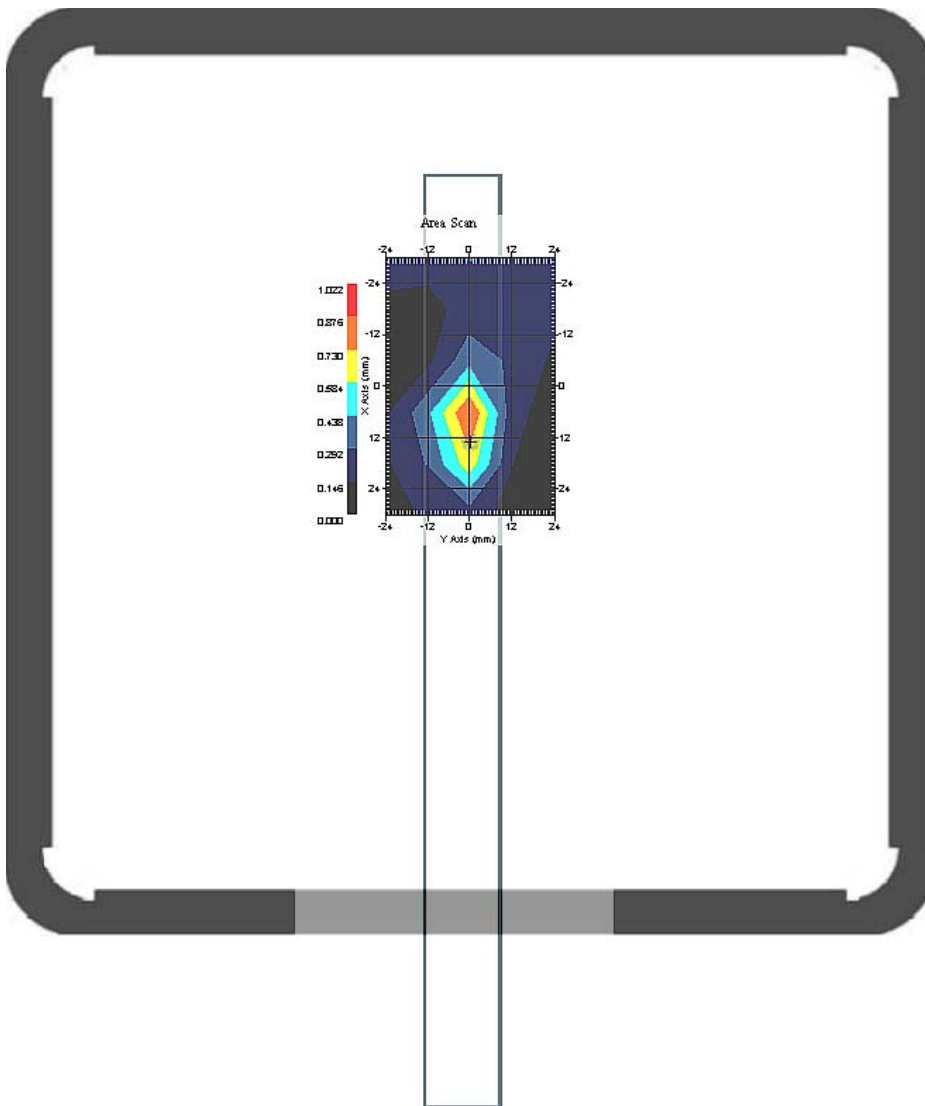
Probe Data

Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.9
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

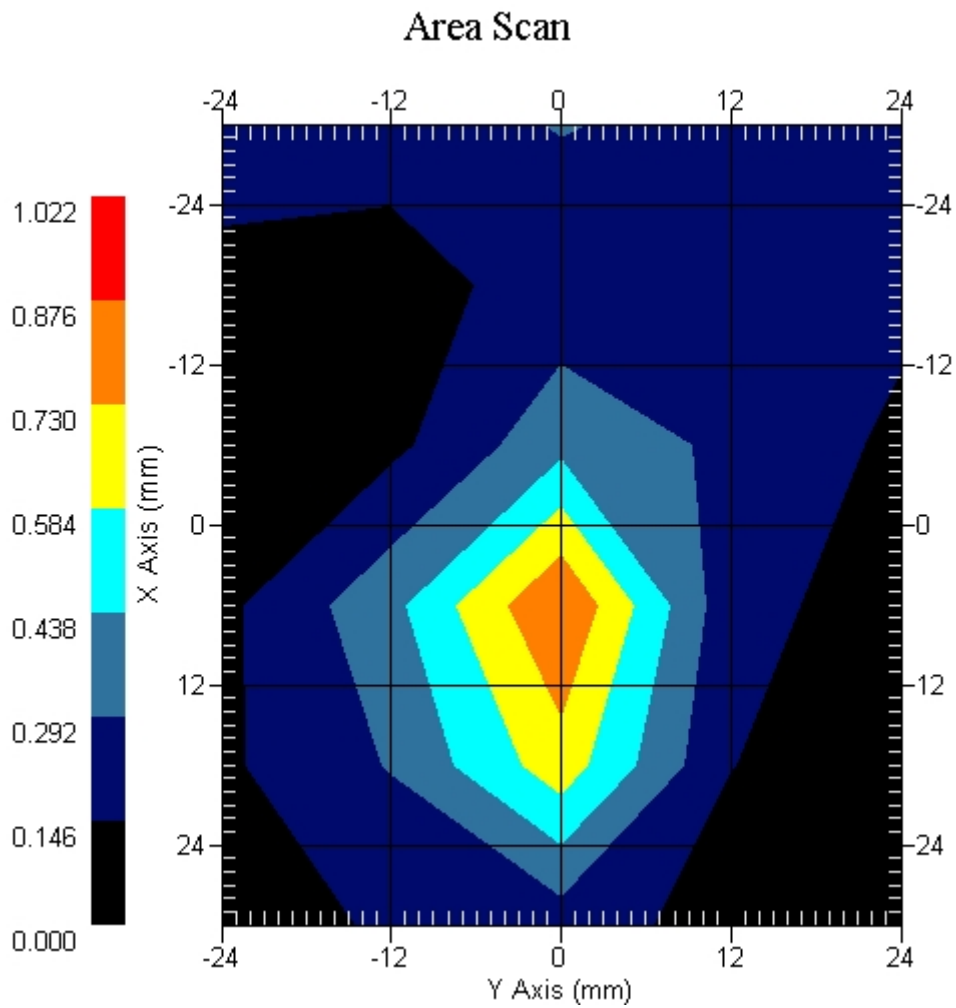
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.50 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.713 W/kg
Power Drift-Finish: 0.694 W/kg
Power Drift (%) : -2.664

DUT Position : Touch EUT Top
Channel : 157



1 gram SAR value : 0.818 W/kg
10 gram SAR value : 0.299 W/kg
Area Scan Peak SAR : 0.878 W/kg
Zoom Scan Peak SAR : 2.532 W/kg

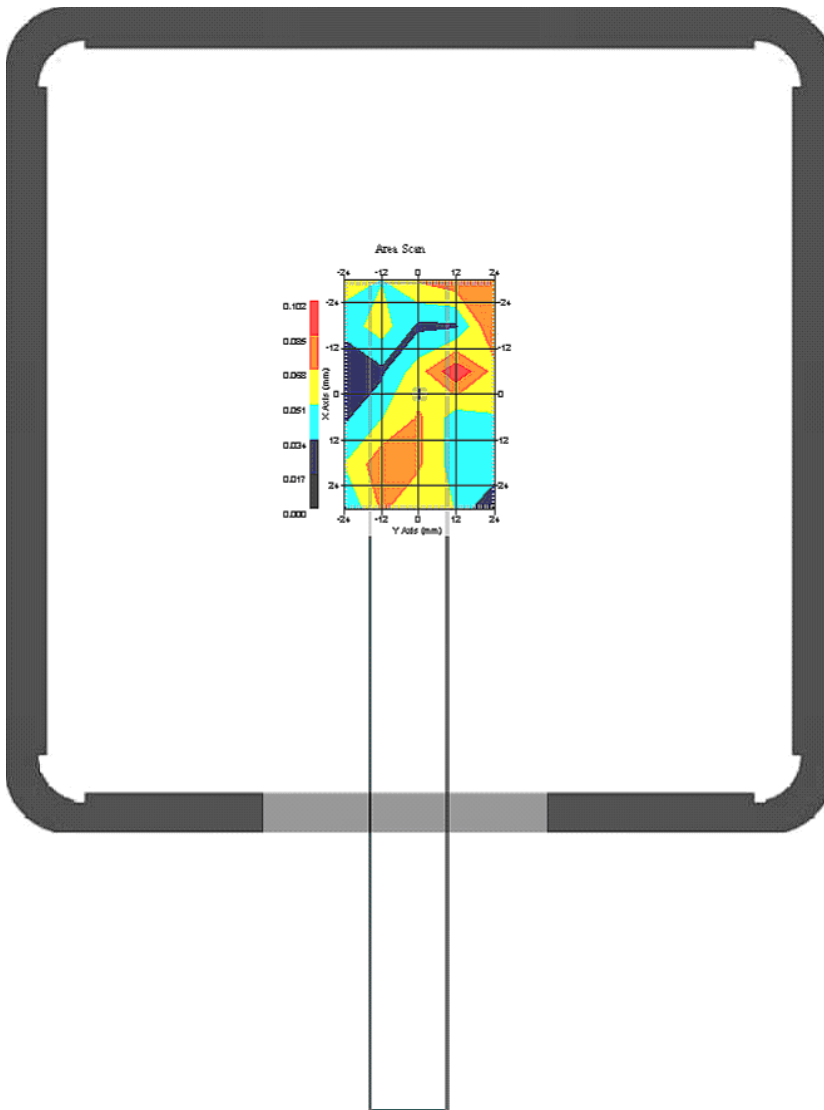
This is previous page plot (zoom in)



Measurement Data

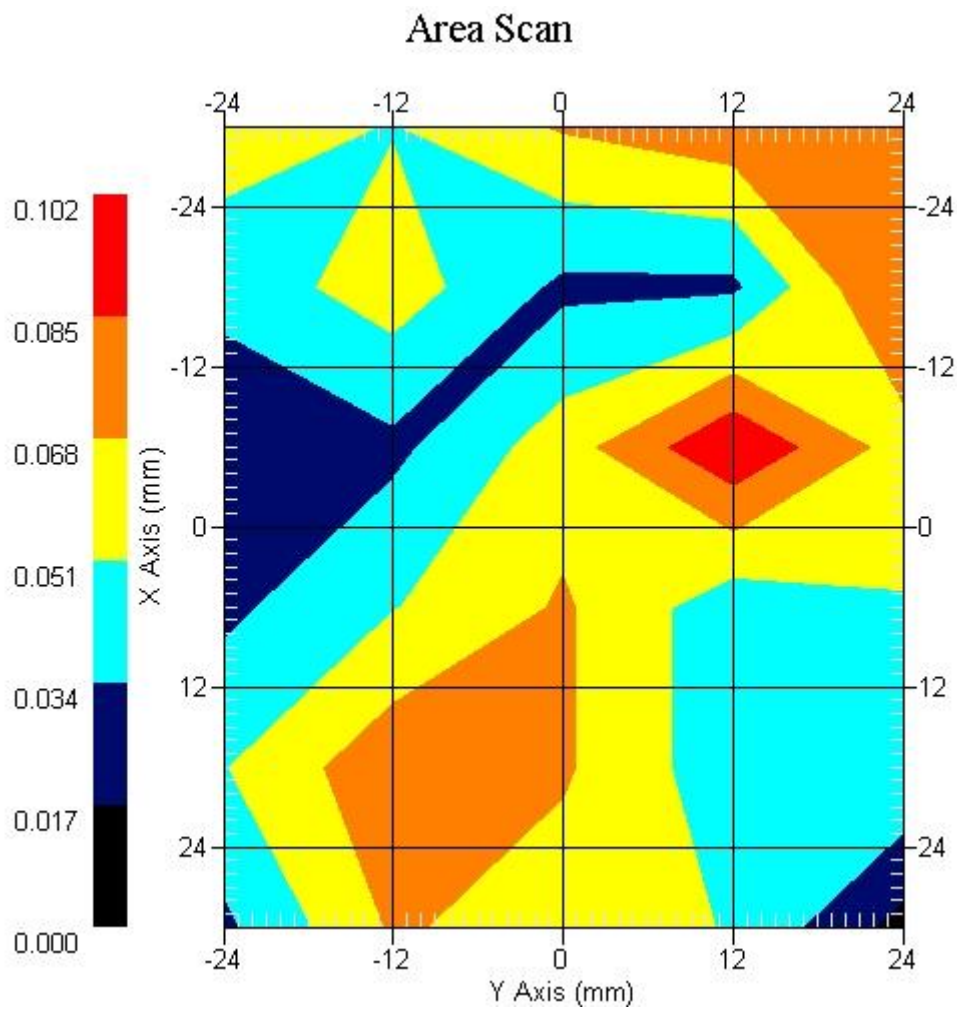
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.50 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.067 W/kg
Power Drift-Finish: 0.067 W/kg
Power Drift (%) : 0.107

DUT Position : Touch EUT Side
Channel : 157



1 gram SAR value : 0.078 W/kg
10 gram SAR value : 0.054 W/kg
Area Scan Peak SAR : 0.100 W/kg
Zoom Scan Peak SAR : 0.160 W/kg

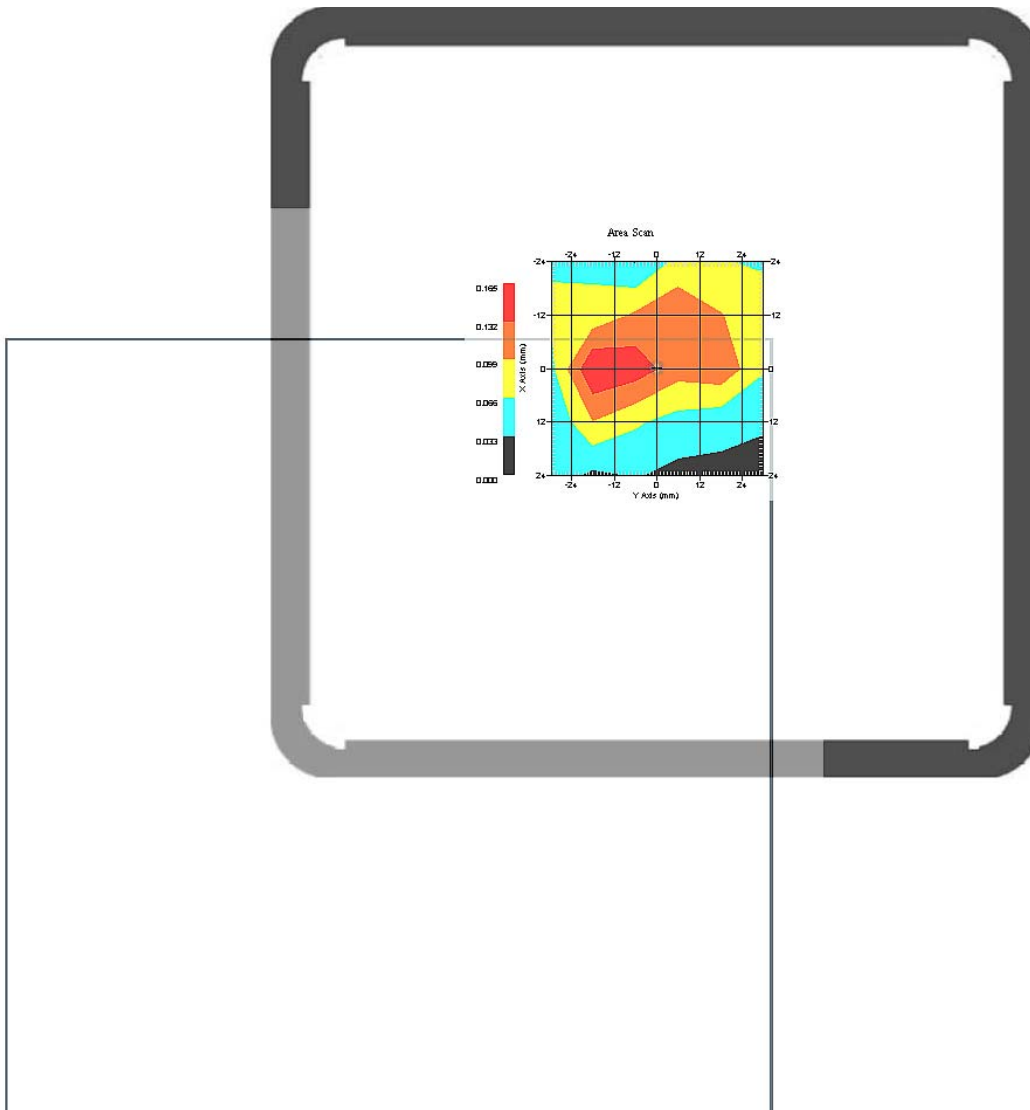
This is previous page plot (zoom in)



Measurement Data

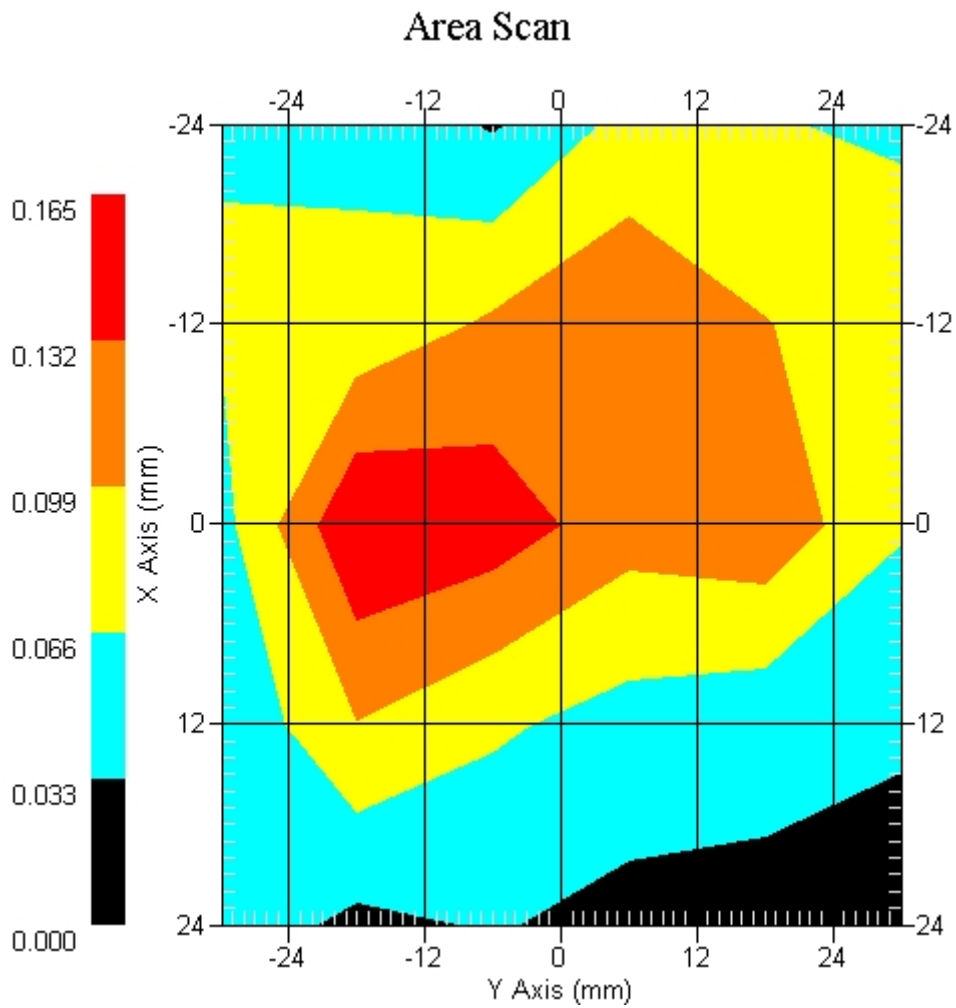
Crest Factor : 1
 Tissue Temp. : 21.40 °C
 Ambient Temp. : 22.50 °C
 Area Scan : 5x6x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.217 W/kg
 Power Drift-Finish: 0.220 W/kg
 Power Drift (%) : 1.382

DUT Position : Touch EUT Back
 Channel : 157



1 gram SAR value : 0.146 W/kg
 10 gram SAR value : 0.099 W/kg
 Area Scan Peak SAR : 0.164 W/kg
 Zoom Scan Peak SAR : 0.260 W/kg

This is previous page plot (zoom in)



ALSAS-10U VER 2.3.6 APREL Laboratories
SAR Test Report –802.11a, 5800 MHz- Tx2 AntennaReport Date : 18-Feb-2009
Measurement Date : 18-Feb-2009

Product Data

Device Name : Tablet PC
Type : Other
Model : CFT-001
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 256 mm
Width : 23 mm
Depth : 254 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 327-B
Frequency : 5800.00 MHz
Last Calib. Date : 18-Feb-2009
Temperature : 21.40 °C
Ambient Temp. : 22.50 °C
Humidity : 51.00 RH%
Epsilon : 49.72 F/m
Sigma : 6.14 S/m
Density : 1000.00 kg/cu. m

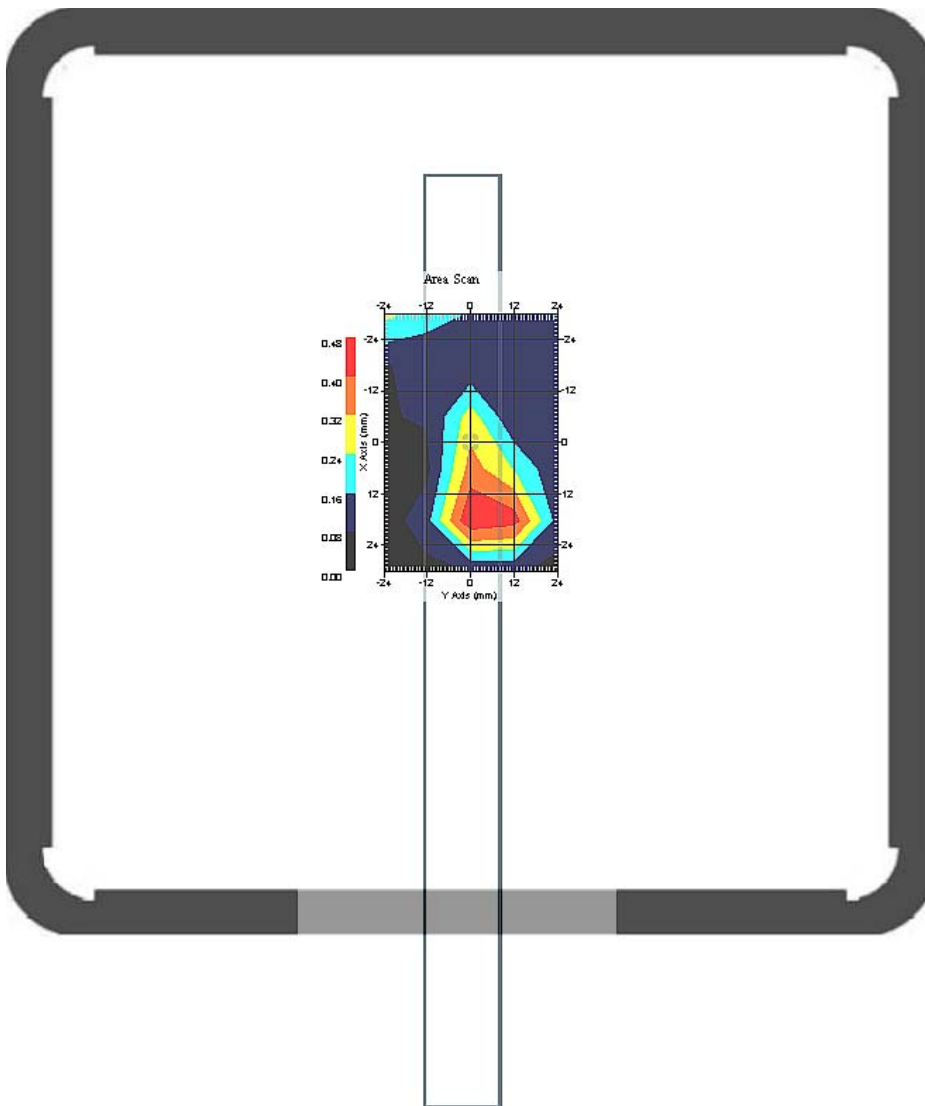
Probe Data

Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.9
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

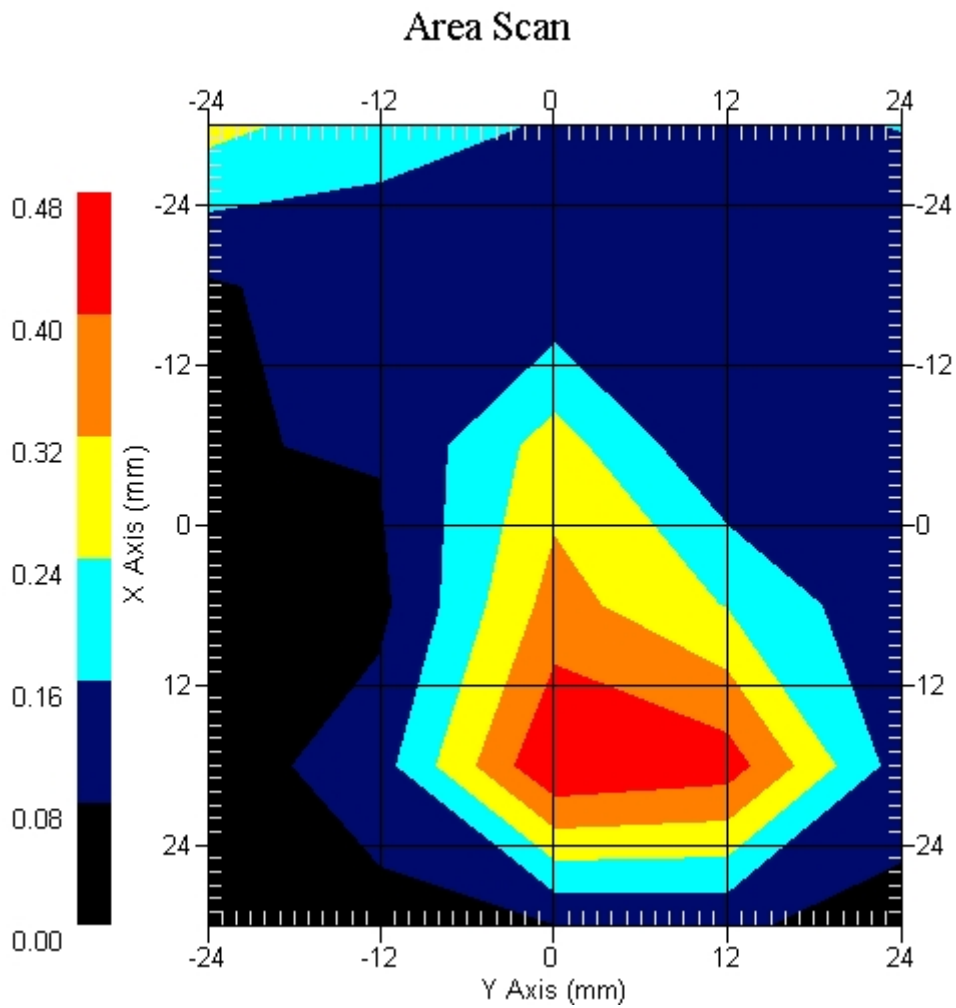
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.50 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.534 W/kg
Power Drift-Finish: 0.523 W/kg
Power Drift (%) : -2.059

DUT Position : Touch EUT Top
Channel : 157



1 gram SAR value : 0.447 W/kg
10 gram SAR value : 0.178 W/kg
Area Scan Peak SAR : 0.479 W/kg
Zoom Scan Peak SAR : 1.351 W/kg

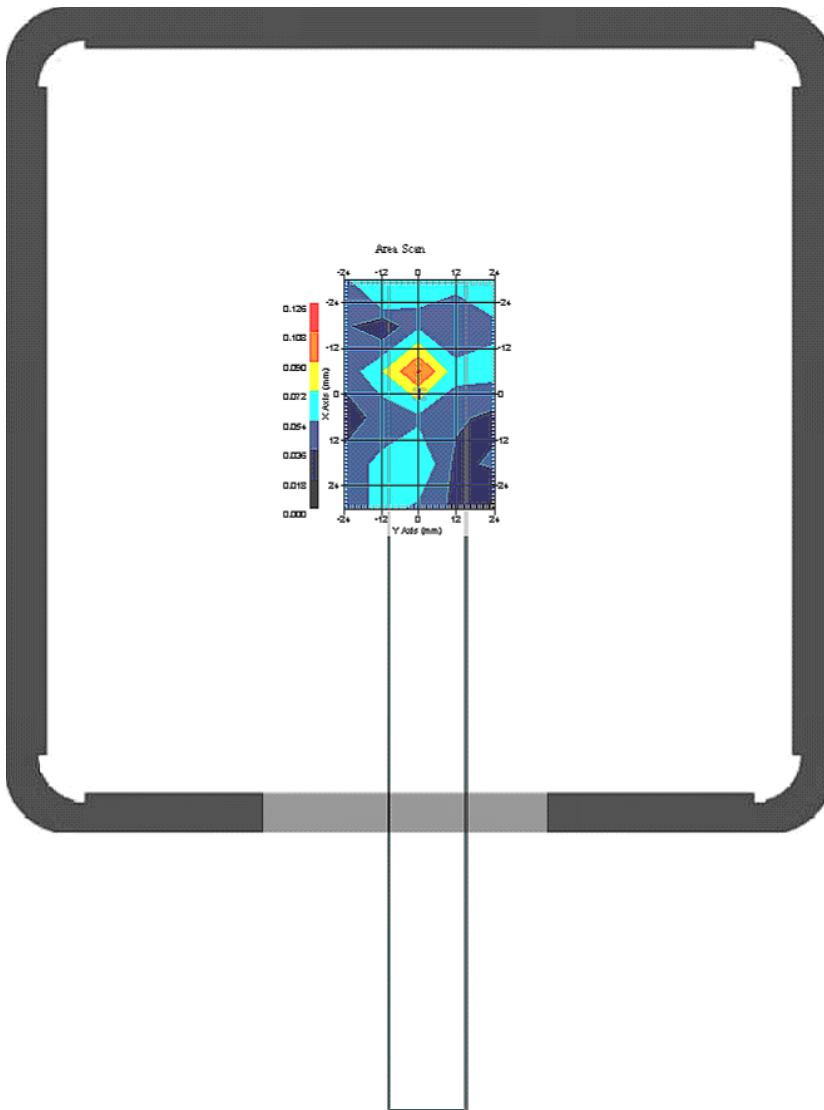
This is previous page plot (zoom in)



Measurement Data

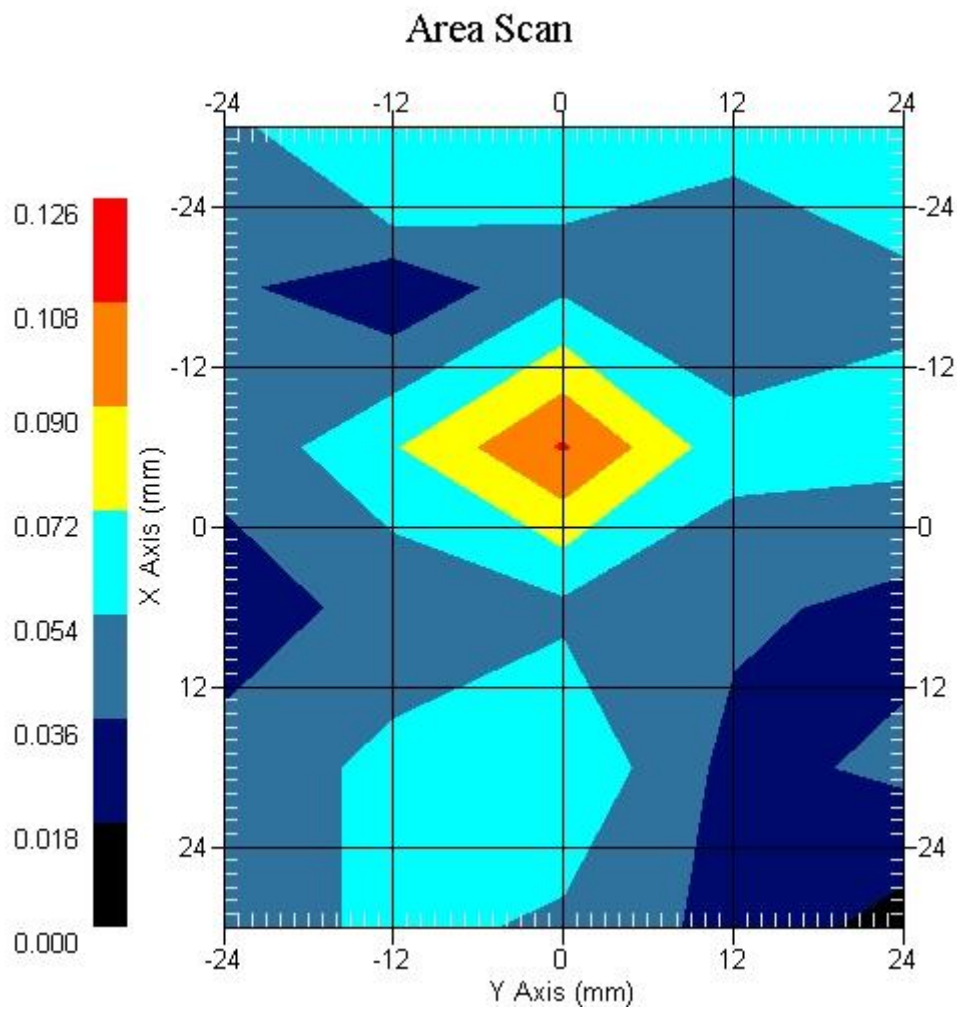
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.50 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.071 W/kg
Power Drift-Finish: 0.071 W/kg
Power Drift (%) : 0.155

DUT Position : Touch EUT Side
Channel : 157



1 gram SAR value : 0.083 W/kg
10 gram SAR value : 0.065 W/kg
Area Scan Peak SAR : 0.110 W/kg
Zoom Scan Peak SAR : 0.170 W/kg

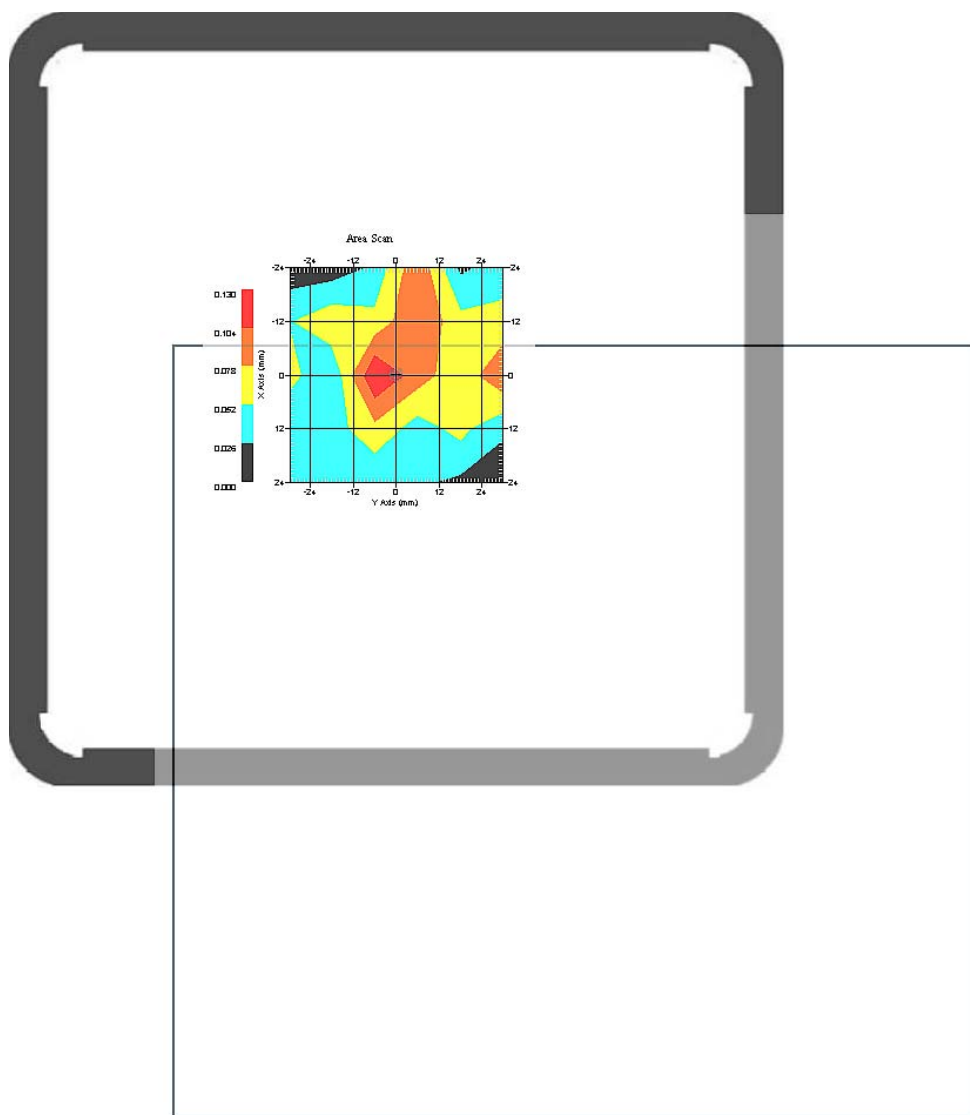
This is previous page plot (zoom in)



Measurement Data

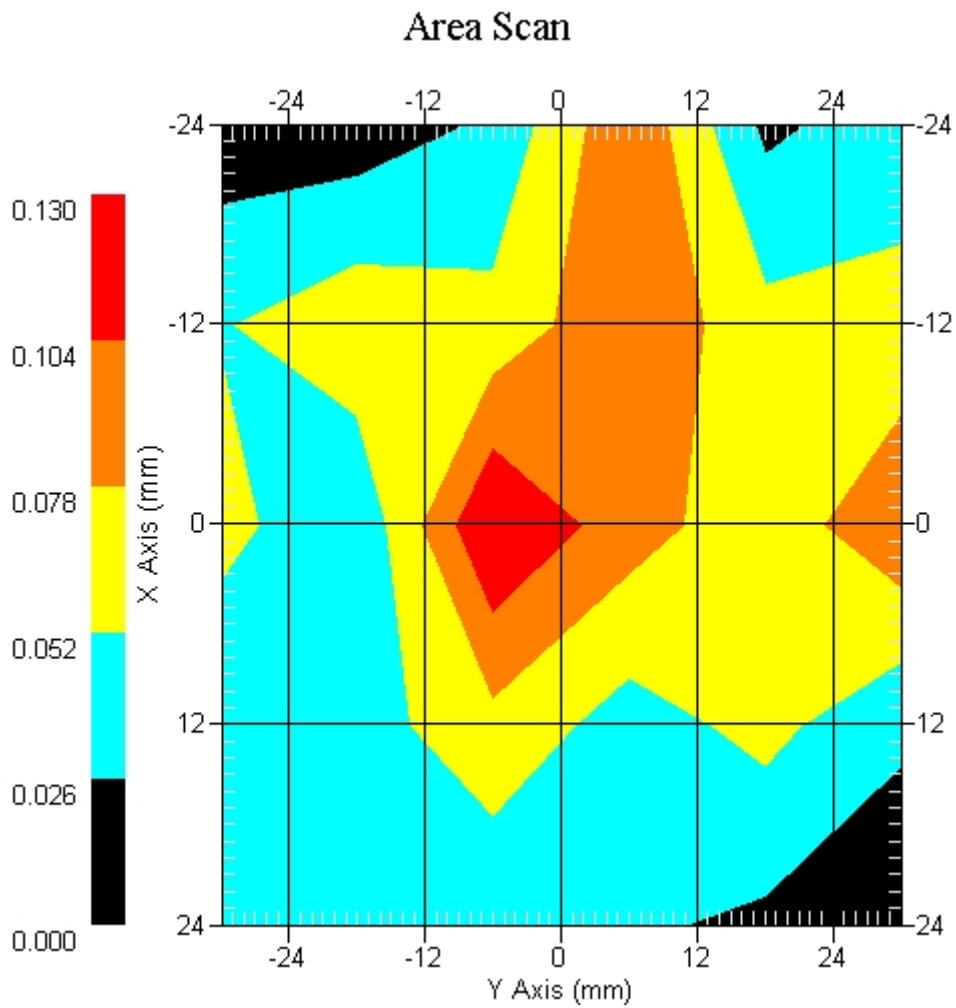
Crest Factor : 1
 Tissue Temp. : 21.40 °C
 Ambient Temp. : 22.50 °C
 Area Scan : 5x6x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.145 W/kg
 Power Drift-Finish: 0.151 W/kg
 Power Drift (%) : 4.137

DUT Position : Touch EUT Back
 Channel : 157



1 gram SAR value : 0.126 W/kg
 10 gram SAR value : 0.089 W/kg
 Area Scan Peak SAR : 0.130 W/kg
 Zoom Scan Peak SAR : 0.202 W/kg

This is previous page plot (zoom in)

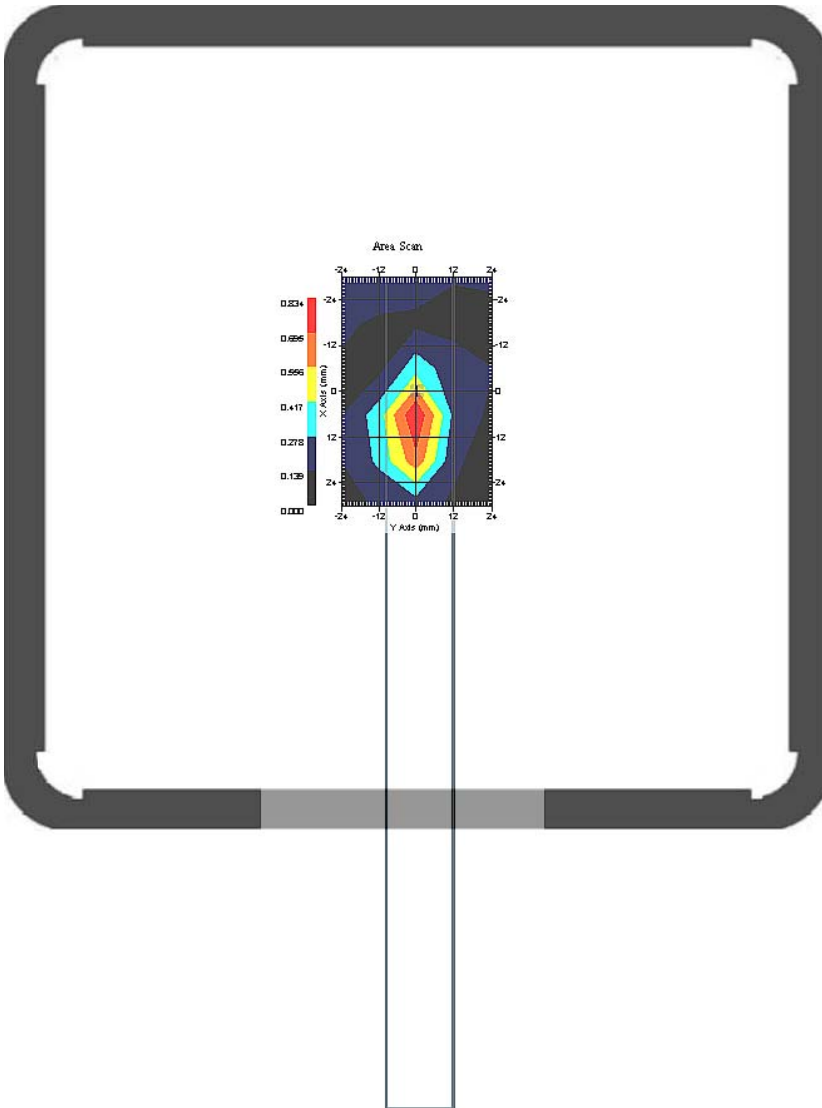


ALSAS-10U VER 2.3.6 APREL Laboratories
SAR Test Report –802.11a, 5800 MHz- Tx1 AntennaReport Date : 18-Feb-2009
Measurement Date : 18-Feb-2009**Product Data**Device Name : Tablet PC
Type : Other
Model : CFT-001
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 256 mm
Width : 23 mm
Depth : 254 mm
Antenna Type : Internal**Phantom Data**Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Location : Center**Tissue Data**Type : BODY
Serial No. : 327-B
Frequency : 5800.00 MHz
Last Calib. Date : 18-Feb-2009
Temperature : 21.40 °C
Ambient Temp. : 22.50 °C
Humidity : 51.00 RH%
Epsilon : 49.72 F/m
Sigma : 6.14 S/m
Density : 1000.00 kg/cu. m**Probe Data**Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.9
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

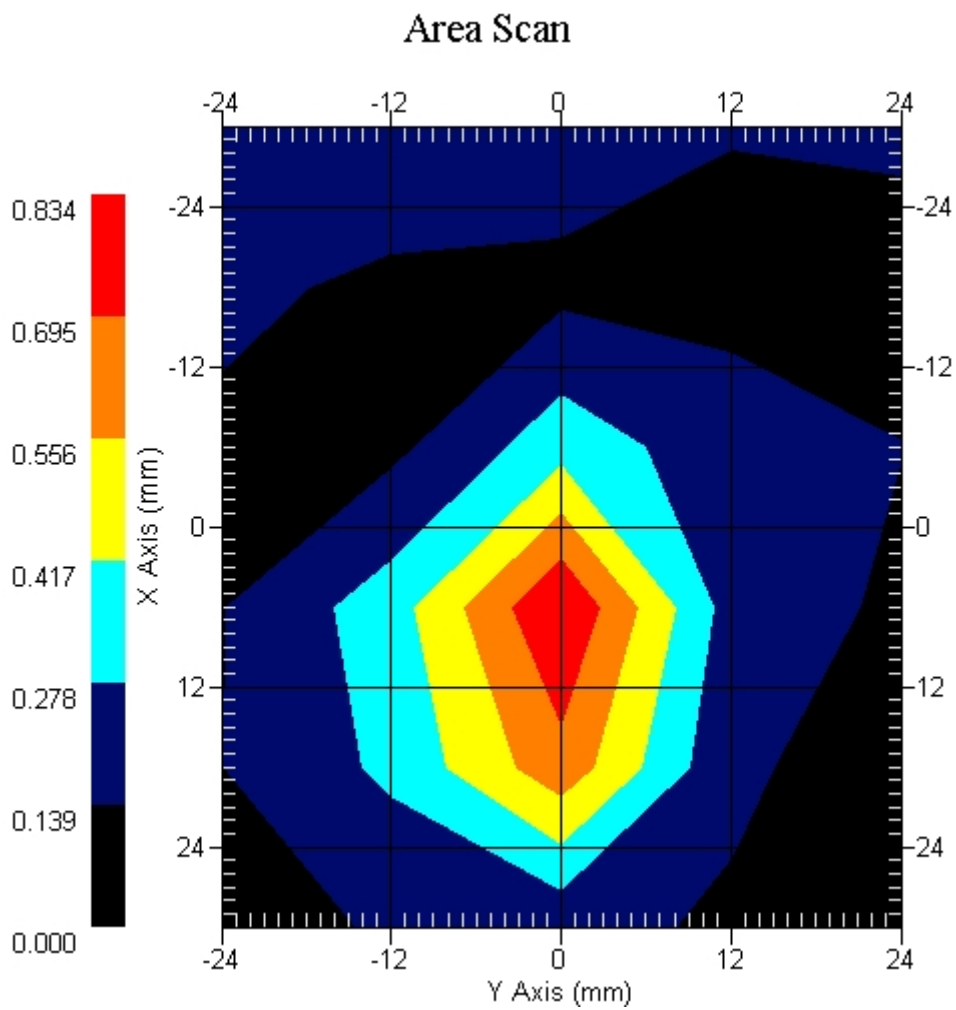
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.50 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.703 W/kg
Power Drift-Finish: 0.690 W/kg
Power Drift (%) : -1.849

DUT Position : Touch EUT Top
Channel : 149



1 gram SAR value : 0.800 W/kg
10 gram SAR value : 0.312 W/kg
Area Scan Peak SAR : 0.832 W/kg
Zoom Scan Peak SAR : 2.311 W/kg

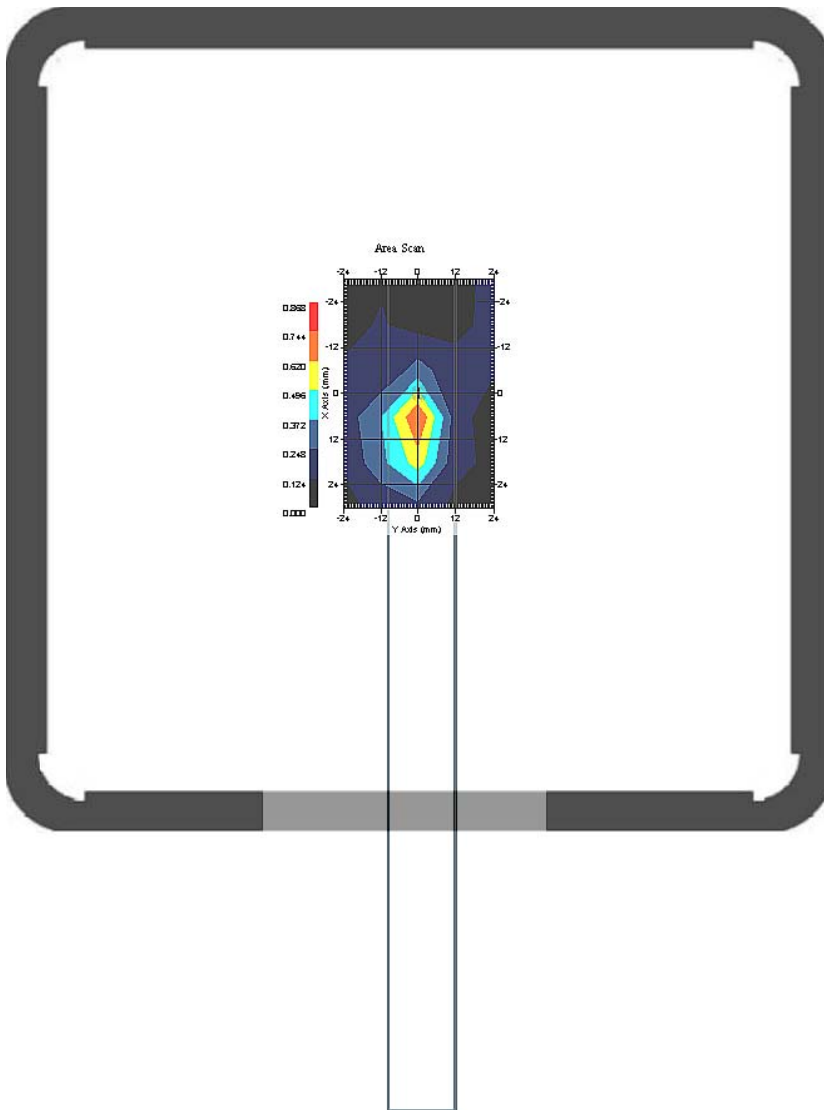
This is previous page plot (zoom in)



Measurement Data

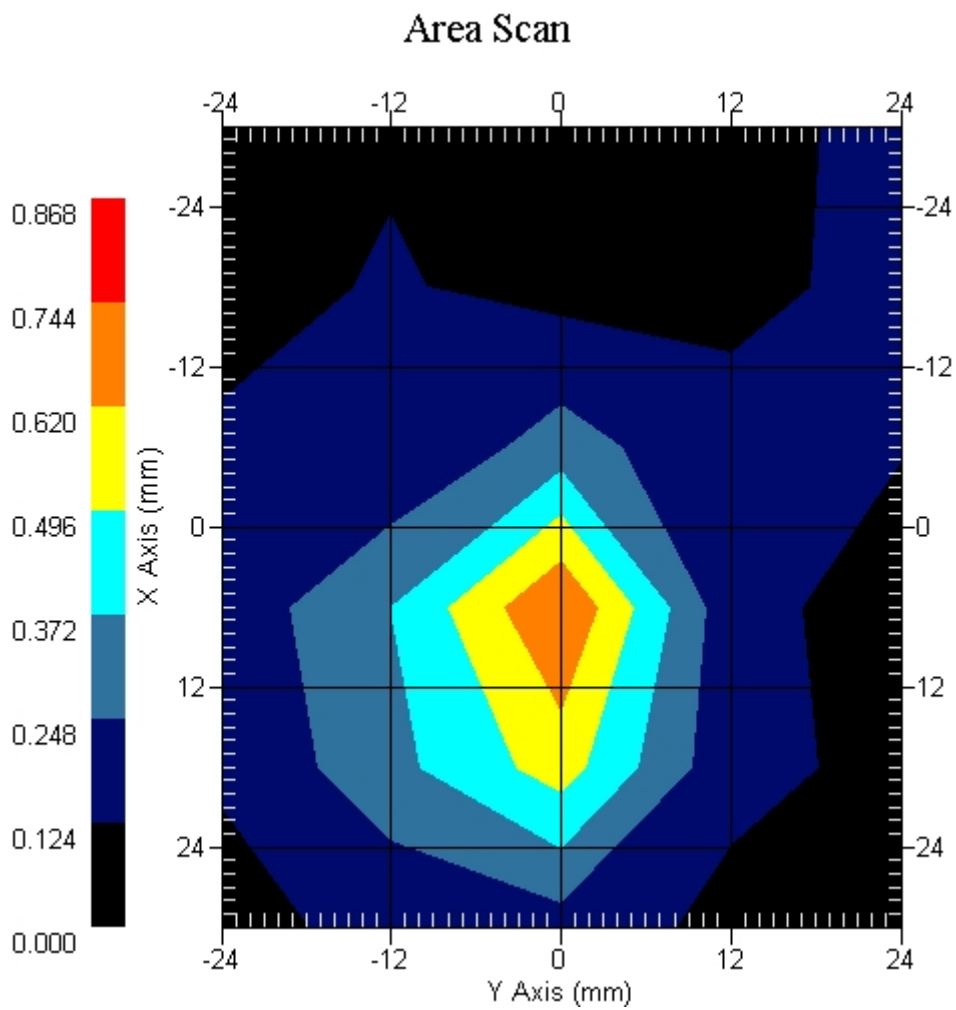
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.50 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.771 W/kg
Power Drift-Finish: 0.760 W/kg
Power Drift (%) : -1.426

DUT Position : Touch EUT Top
Channel : 165



1 gram SAR value : 0.683 W/kg
10 gram SAR value : 0.269 W/kg
Area Scan Peak SAR : 0.745 W/kg
Zoom Scan Peak SAR : 2.101 W/kg

This is previous page plot (zoom in)



ALSAS-10U VER 2.3.6 APREL Laboratories
SAR Test Report -802.11n(20M), 5800 MHz- Tx1 Antenna

Report Date : 18-Feb-2009
Measurement Date : 18-Feb-2009

Product Data

Device Name : Tablet PC
Type : Other
Model : CFT-001
Frequency : 2450.00 MHz
Drift Time : 0 min(s)
Length : 256 mm
Width : 23 mm
Depth : 254 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 327-B
Frequency : 5800.00 MHz
Last Calib. Date : 18-Feb-2009
Temperature : 21.40 °C
Ambient Temp. : 22.50 °C
Humidity : 51.00 RH%
Epsilon : 49.72 F/m
Sigma : 6.14 S/m
Density : 1000.00 kg/cu. m

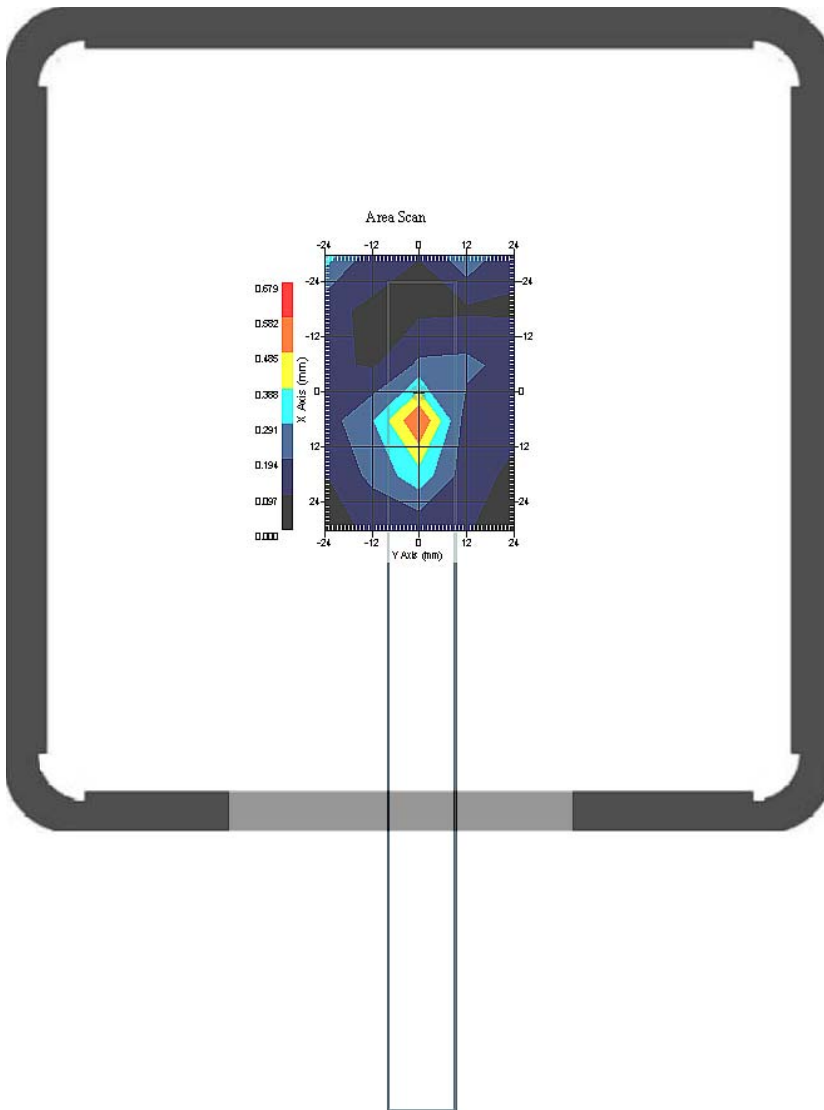
Probe Data

Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.9
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

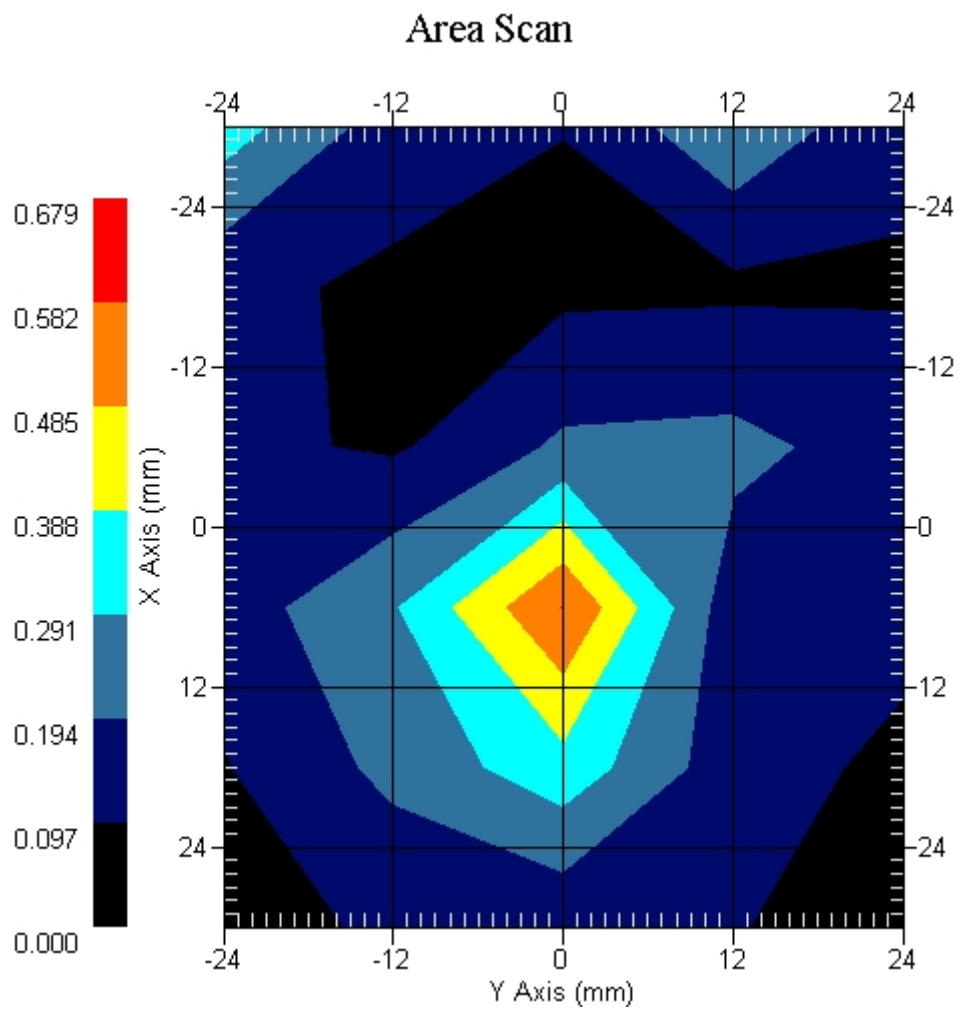
Crest Factor : 1
Tissue Temp. : 21.40 °C
Ambient Temp. : 22.50 °C
Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
Power Drift-Start : 0.542 W/kg
Power Drift-Finish: 0.539 W/kg
Power Drift (%) : -0.553

DUT Position : Touch EUT Top
Channel : 157



1 gram SAR value : 0.556 W/kg
10 gram SAR value : 0.244 W/kg
Area Scan Peak SAR : 0.584 W/kg
Zoom Scan Peak SAR : 1.491 W/kg

This is previous page plot (zoom in)



ALSAS-10U VER 2.3.6 APREL Laboratories
SAR Test Report –802.11n(40M), 5800 MHz- Tx1 AntennaReport Date : 18-Feb-2009
Measurement Date : 18-Feb-2009

Product Data

Device Name : Tablet PC
Type : Other
Model : CFT-001
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 256 mm
Width : 23 mm
Depth : 254 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 327-B
Frequency : 5800.00 MHz
Last Calib. Date : 18-Feb-2009
Temperature : 21.40 °C
Ambient Temp. : 22.50 °C
Humidity : 51.00 RH%
Epsilon : 49.72 F/m
Sigma : 6.14 S/m
Density : 1000.00 kg/cu. m

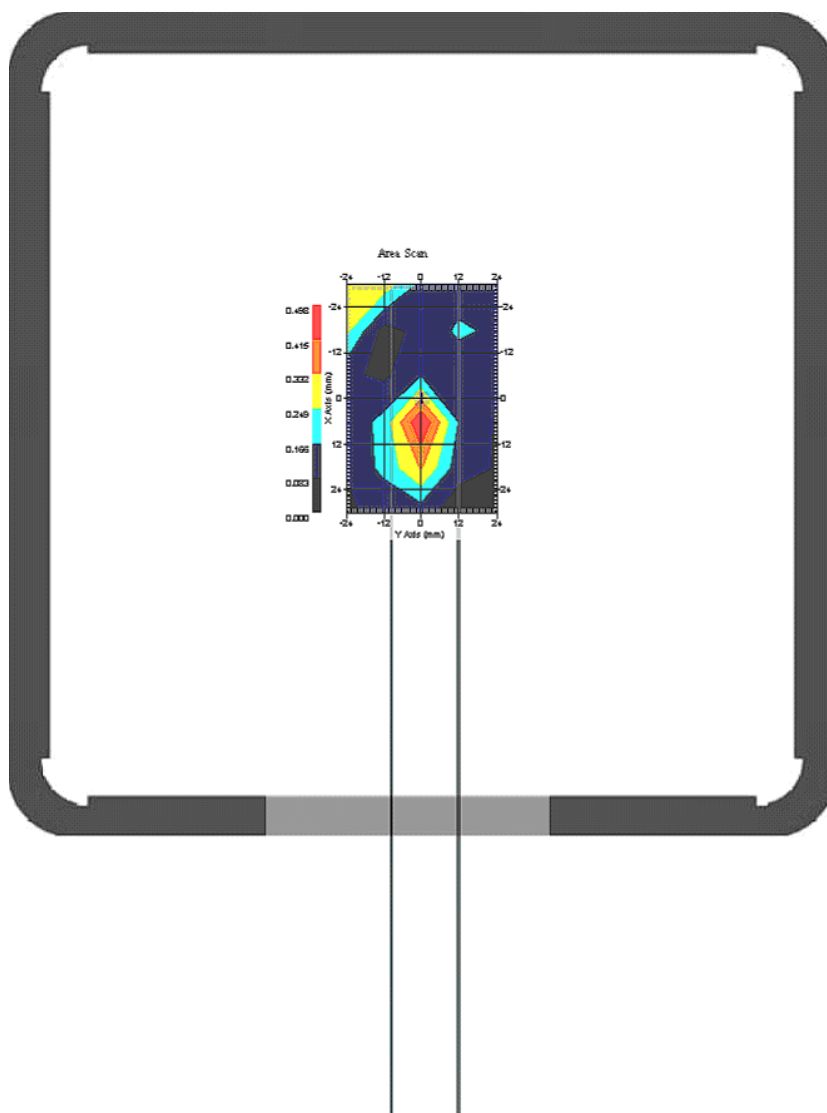
Probe Data

Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 3.9
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

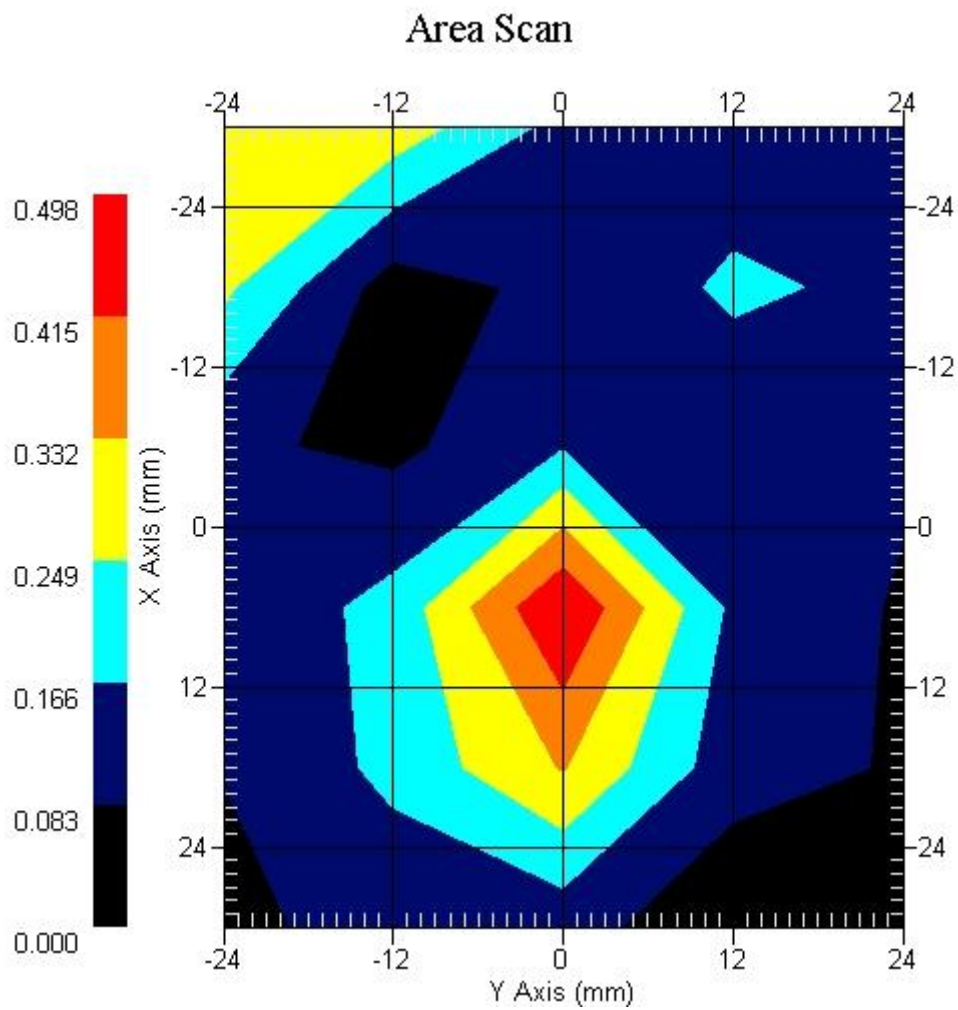
Crest Factor : 1
 Tissue Temp. : 21.40 °C
 Ambient Temp. : 22.50 °C
 Area Scan : 6x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.440 W/kg
 Power Drift-Finish: 0.422 W/kg
 Power Drift (%) : -4.003

DUT Position : Touch EUT Top
 Channel : 159



1 gram SAR value : 0.441 W/kg
 10 gram SAR value : 0.179 W/kg
 Area Scan Peak SAR : 0.497 W/kg
 Zoom Scan Peak SAR : 1.271 W/kg

This is previous page plot (zoom in)



802.11a(5800MHz)- Tx1 Antenna, EUT Top Z-Axis plot
Channel: 157

