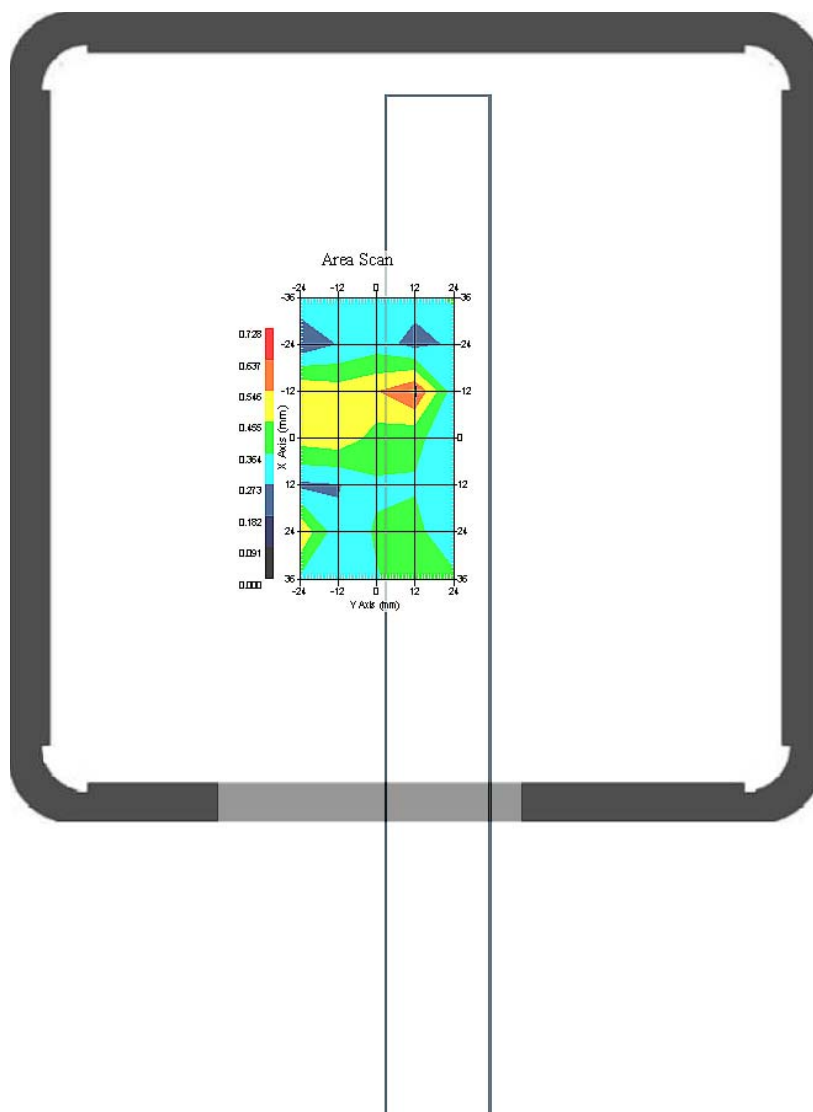


Measurement Data

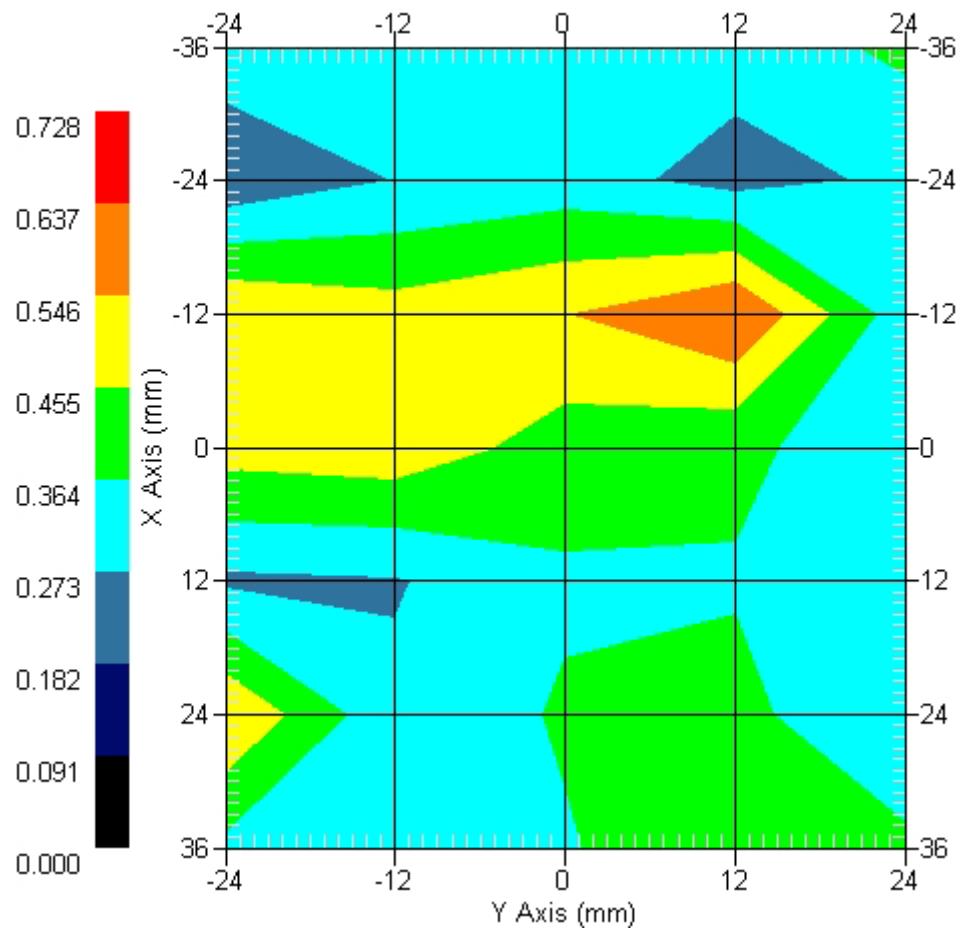
Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.713 W/kg
 Power Drift-Finish: 0.724 W/kg
 Power Drift (%) : 1.593

DUT Position : Touch
 Channel : 38



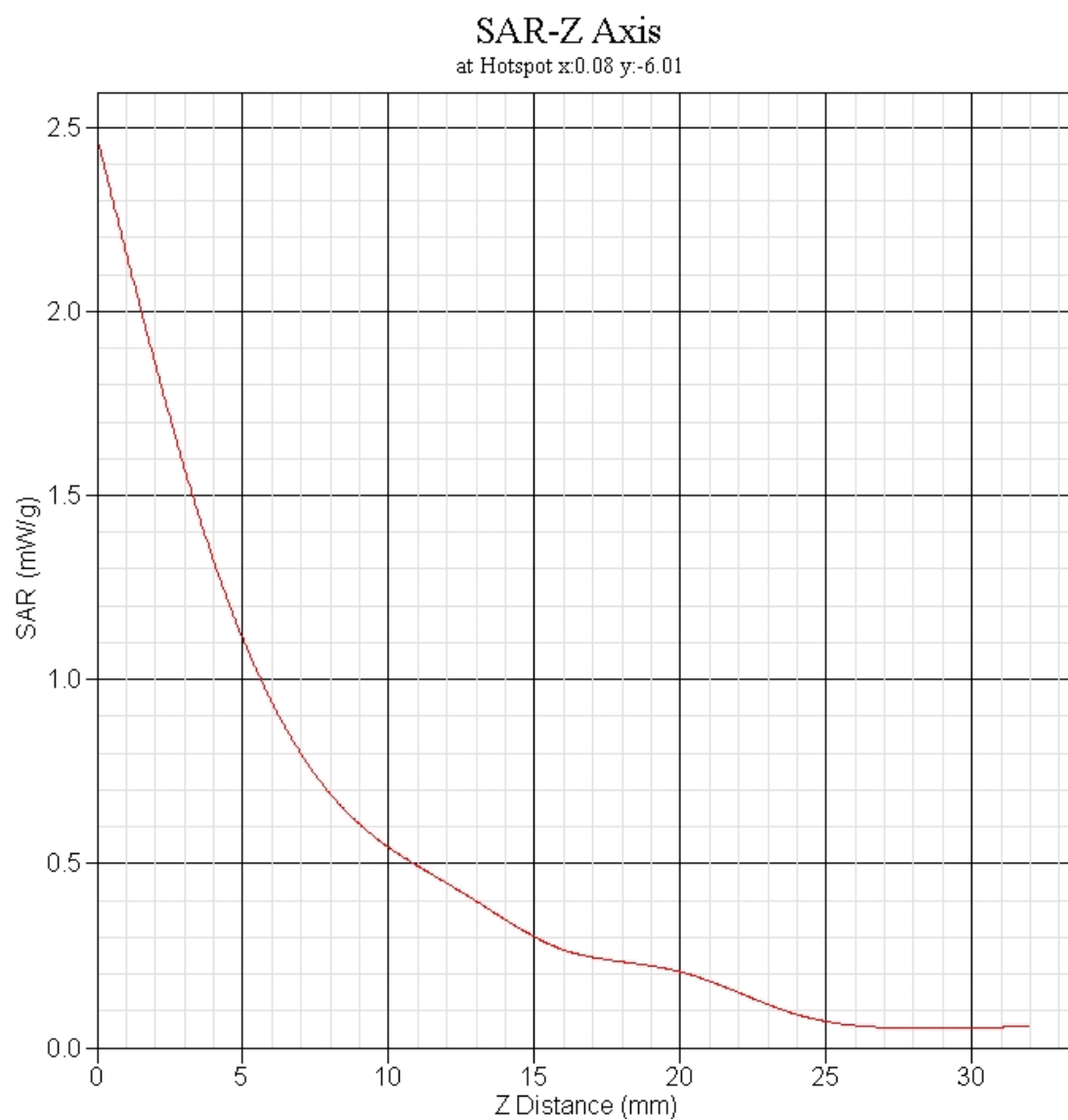
1 gram SAR value : 0.744 W/kg
 10 gram SAR value : 0.494 W/kg
 Area Scan Peak SAR : 0.639 W/kg
 Zoom Scan Peak SAR : 1.411 W/kg

Area Scan



5.2 GHz Band Z-Axis plot

802.11a (6Mbps)-Antenna A channel: 36



ALSAS-10U VER 2.3.2 APREL Laboratories

SAR Test Report -5.8GHz Band: 802.11a (6Mbps)-Antenna A , Tablet Mode

Report Date : 25-Jun-2007
Measurement Date : 25-Jun-2007

Product Data

Device Name : ASUS
Type : Other
Model : R1E
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 320 mm
Width : 35 mm
Depth : 240 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 : 25-Jun-2007
Temperature : 21.20 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 47.92 F/m
Sigma : 6.132 S/m
Density : 1000.00 kg/cu. m

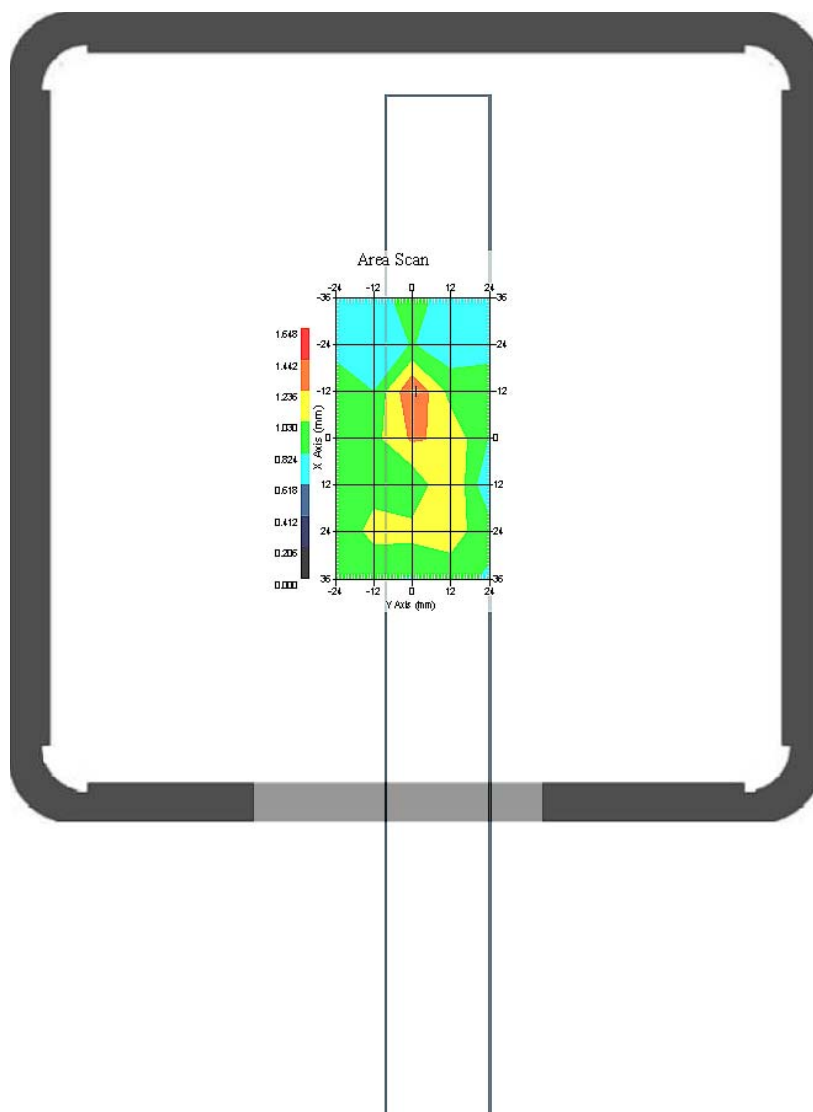
Probe Data

Name : Probe 264
Model : E020
Type : E-Field Triangle
Serial No. : 264
Last Calib. Date : 15-Jun-2007
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
Probe Sensitivity: 0.61 0.61 0.61 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

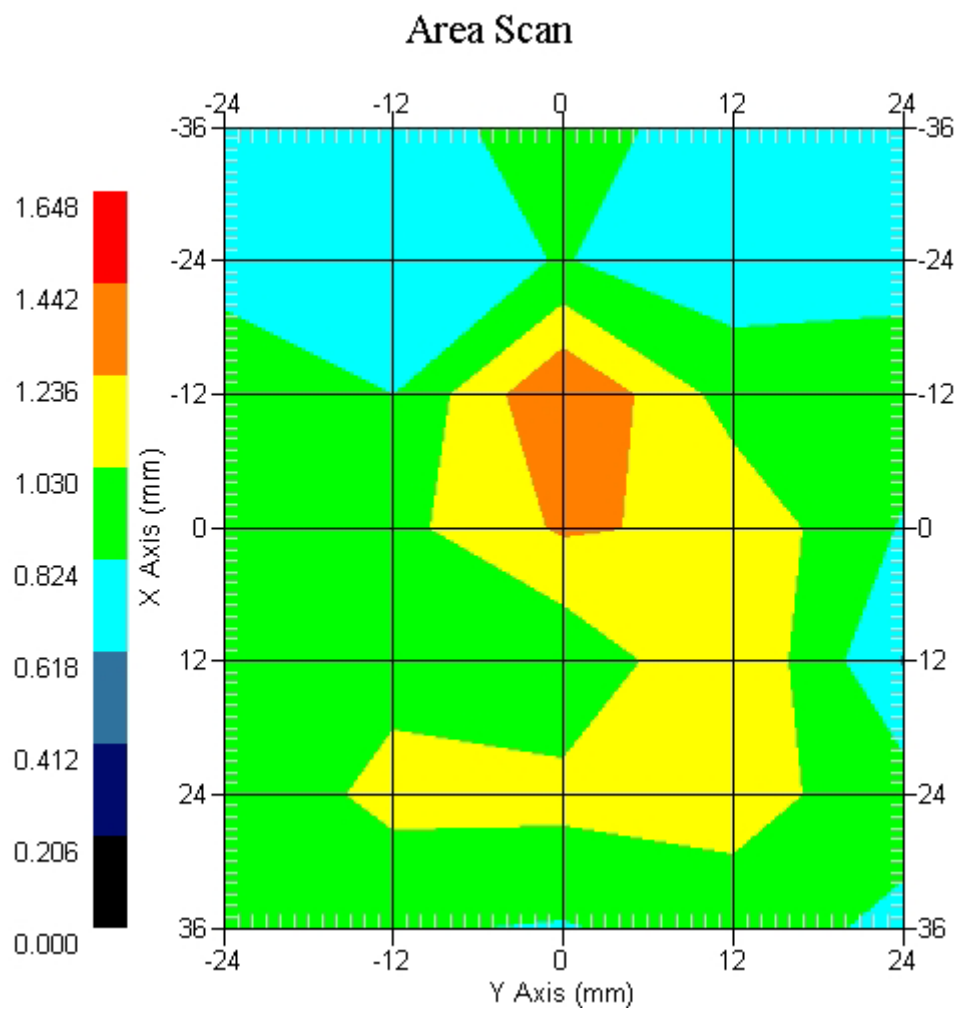
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.436 W/kg
 Power Drift-Finish: 1.420 W/kg
 Power Drift (%) : -1.180

DUT Position : Touch
 Channel : 149



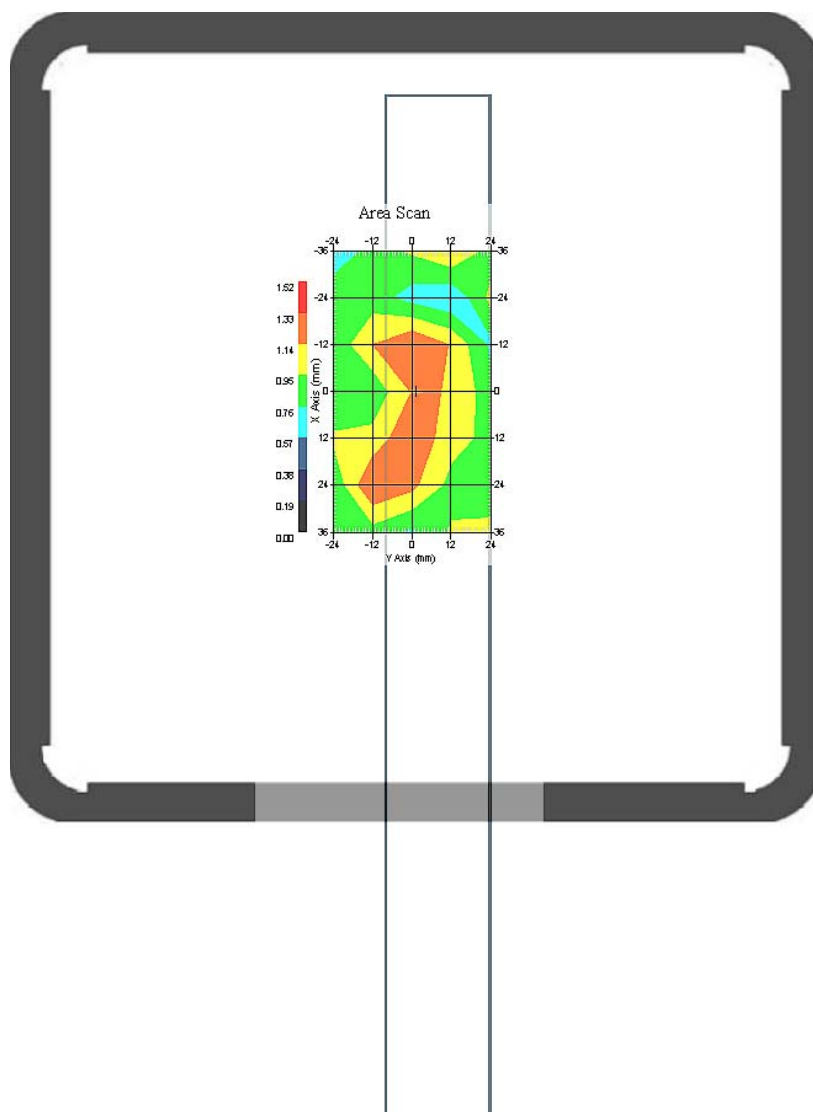
1 gram SAR value : 1.460 W/kg
 10 gram SAR value : 0.942 W/kg
 Area Scan Peak SAR : 1.444 W/kg
 Zoom Scan Peak SAR : 2.651 W/kg



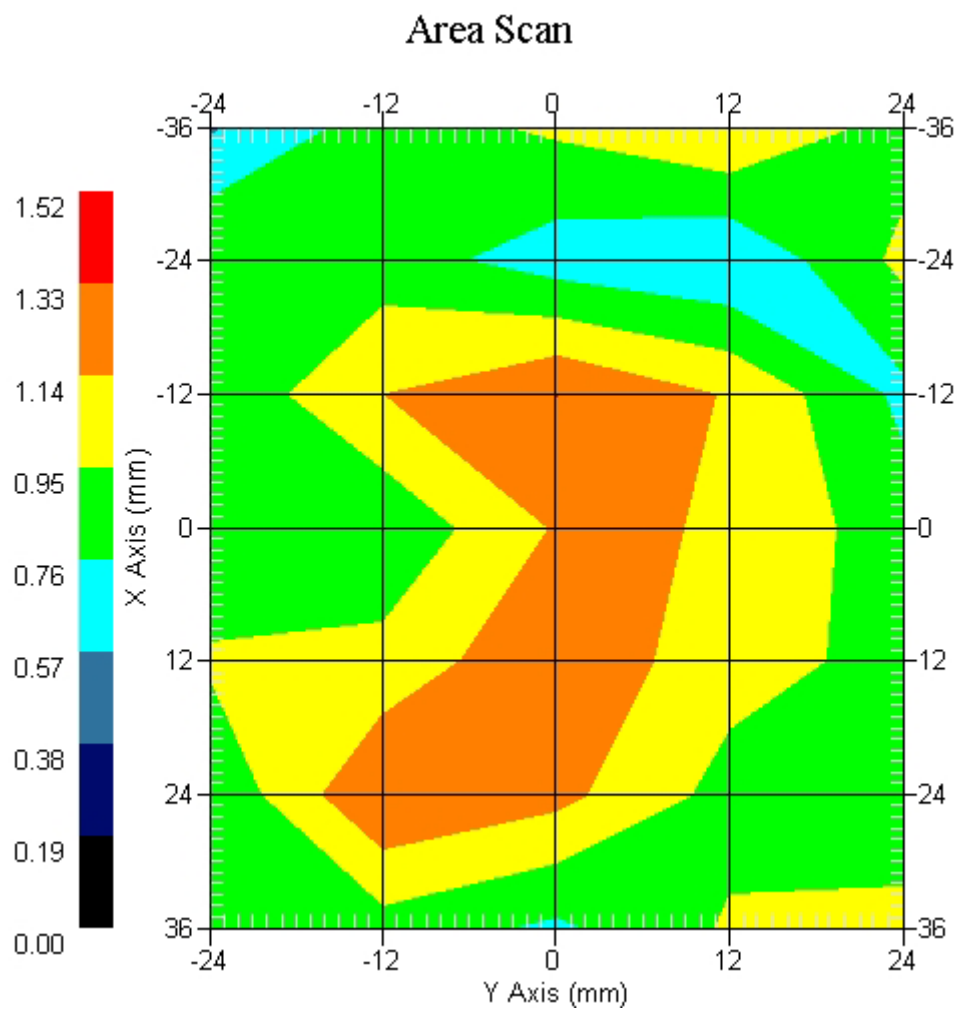
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.359 W/kg
 Power Drift-Finish: 1.347 W/kg
 Power Drift (%) : 0.883

DUT Position : Touch
 Channel : 157



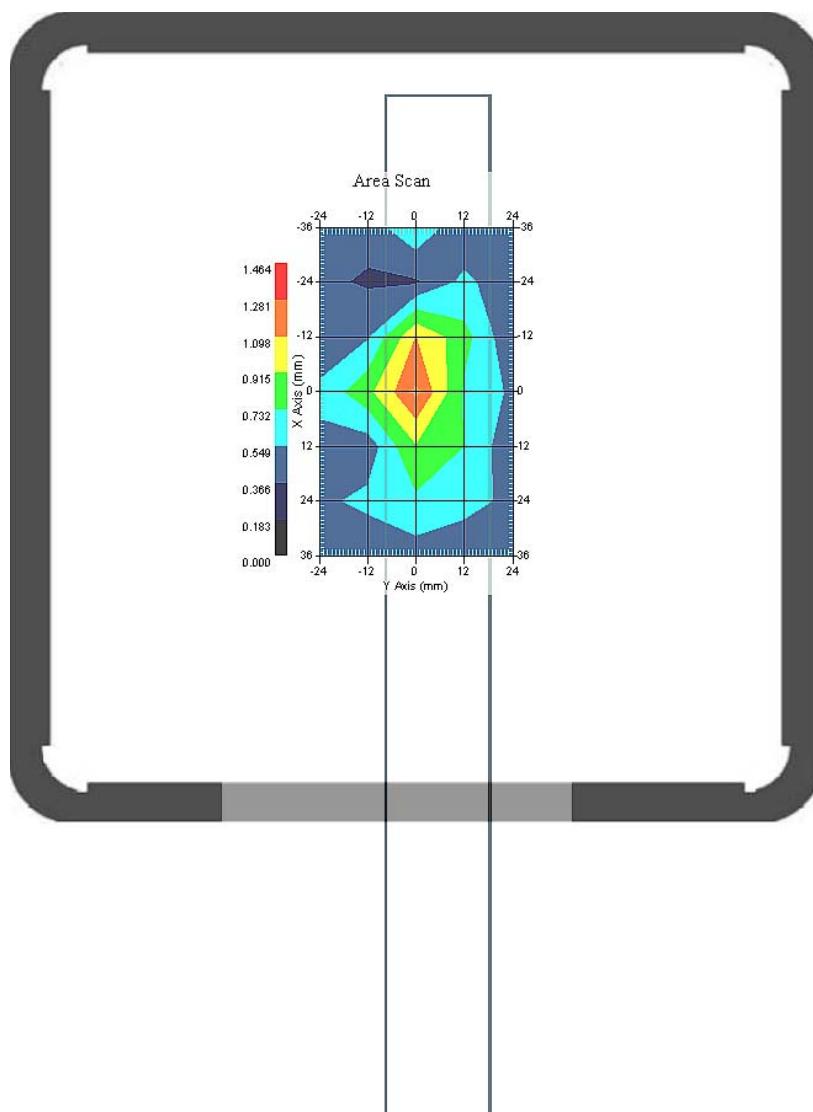
1 gram SAR value : 1.464 W/kg
 10 gram SAR value : 1.082 W/kg
 Area Scan Peak SAR : 1.333 W/kg
 Zoom Scan Peak SAR : 3.124 W/kg



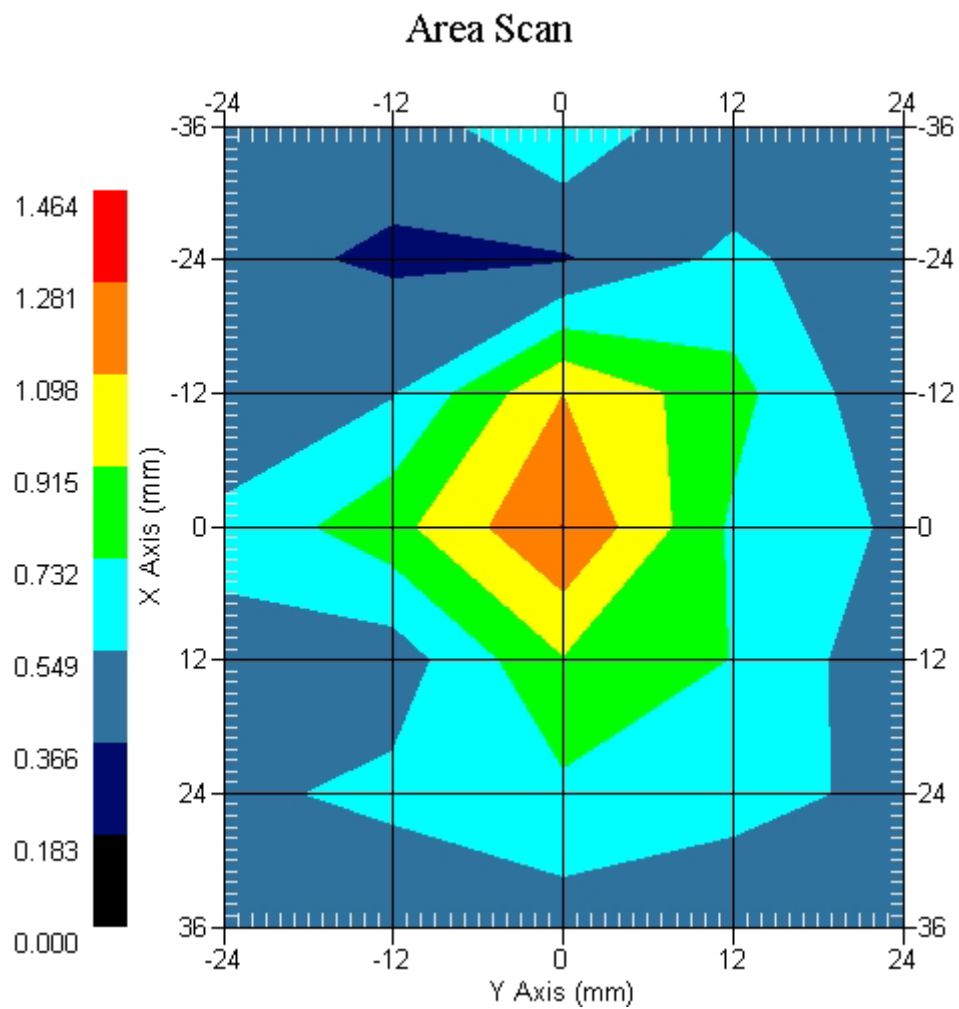
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.306 W/kg
 Power Drift-Finish: 1.337 W/kg
 Power Drift (%) : 2.383

DUT Position : Touch
 Channel : 165



1 gram SAR value : 1.088 W/kg
 10 gram SAR value : 0.738 W/kg
 Area Scan Peak SAR : 1.284 W/kg
 Zoom Scan Peak SAR : 2.522 W/kg



ALSAS-10U VER 2.3.2 APREL Laboratories

SAR Test Report -5.8GHz Band: 802.11a (6Mbps)-Antenna B , Tablet Mode

Report Date : 25-Jun-2007
Measurement Date : 25-Jun-2007

Product Data

Device Name : ASUS
Type : Other
Model : R1E
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 320 mm
Width : 35 mm
Depth : 240 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 : 25-Jun-2007
Temperature : 21.20 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 47.92 F/m
Sigma : 6.132 S/m
Density : 1000.00 kg/cu. m

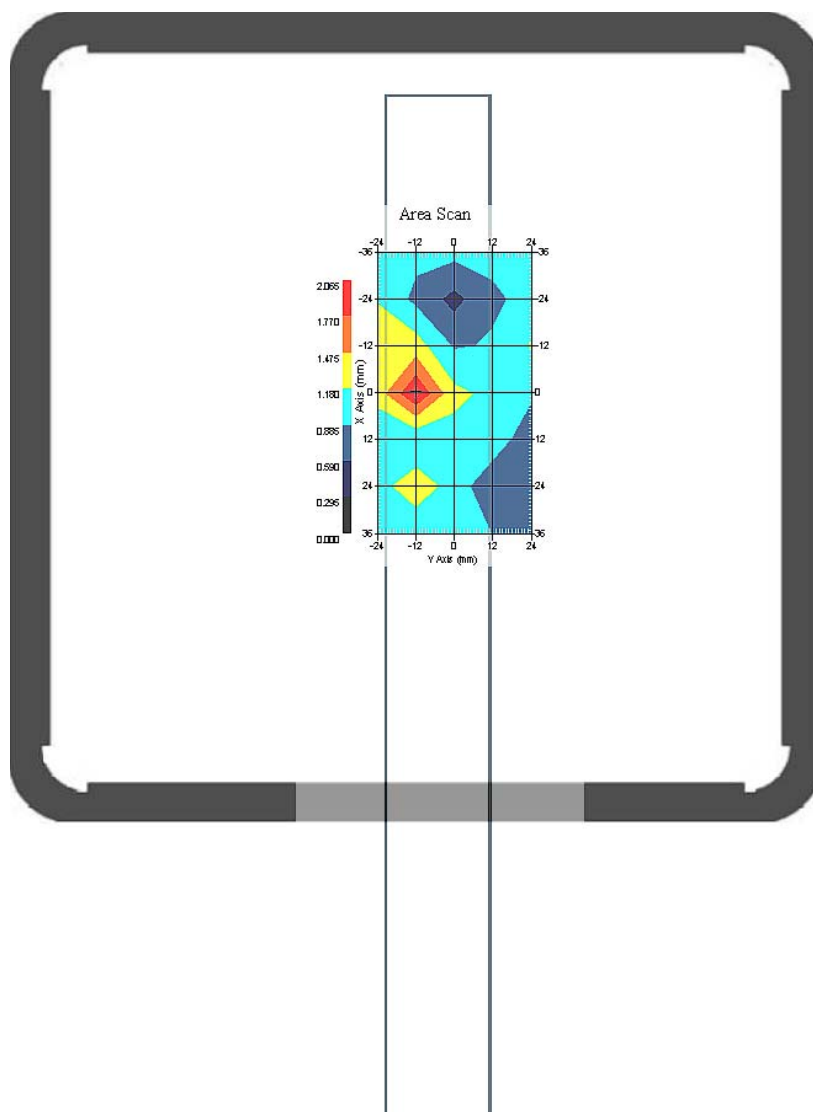
Probe Data

Name : Probe 264
Model : E020
Type : E-Field Triangle
Serial No. : 264
Last Calib. Date : 15-Jun-2007
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
Probe Sensitivity: 0.61 0.61 0.61 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

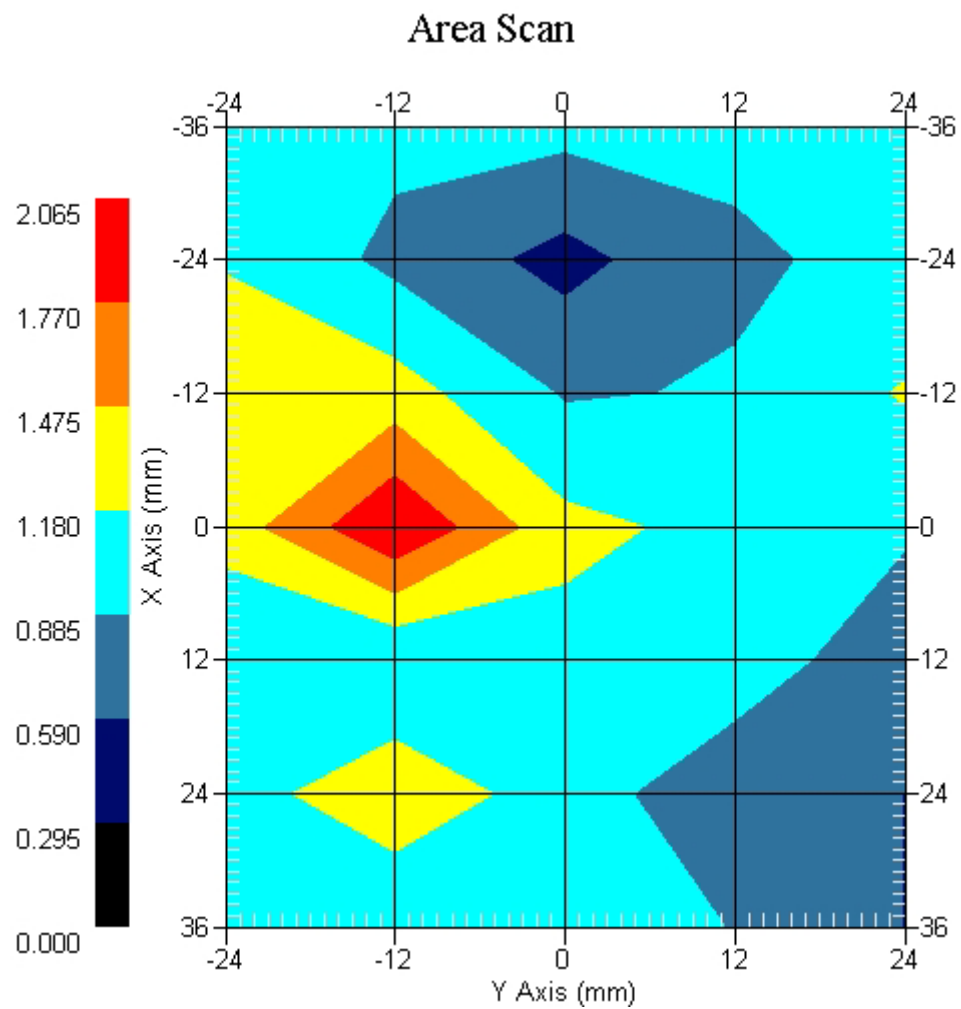
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.197 W/kg
 Power Drift-Finish: 1.208 W/kg
 Power Drift (%) : 1.157

DUT Position : Touch
 Channel : 157



1 gram SAR value : 1.270 W/kg
 10 gram SAR value : 1.086 W/kg
 Area Scan Peak SAR : 2.062 W/kg
 Zoom Scan Peak SAR : 2.212 W/kg



ALSAS-10U VER 2.3.2 APREL Laboratories

SAR Test Report -5.8GHz Band: 802.11n HT0 (20MHz) , Tablet Mode

Report Date : 25-Jun-2007
Measurement Date : 25-Jun-2007

Product Data

Device Name : ASUS
Type : Other
Model : R1E
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 320 mm
Width : 35 mm
Depth : 240 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 : 25-Jun-2007
Temperature : 21.20 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 47.92 F/m
Sigma : 6.132 S/m
Density : 1000.00 kg/cu. m

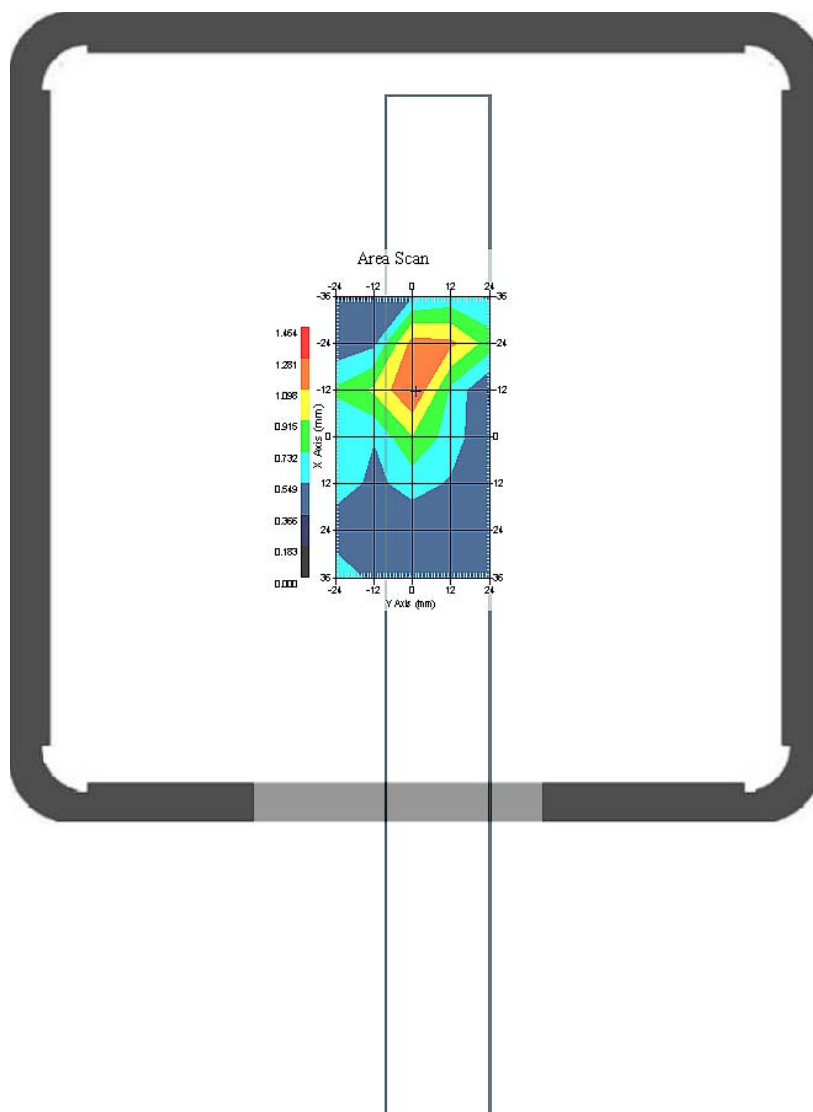
Probe Data

Name : Probe 264
Model : E020
Type : E-Field Triangle
Serial No. : 264
Last Calib. Date : 15-Jun-2007
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
Probe Sensitivity: 0.61 0.61 0.61 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

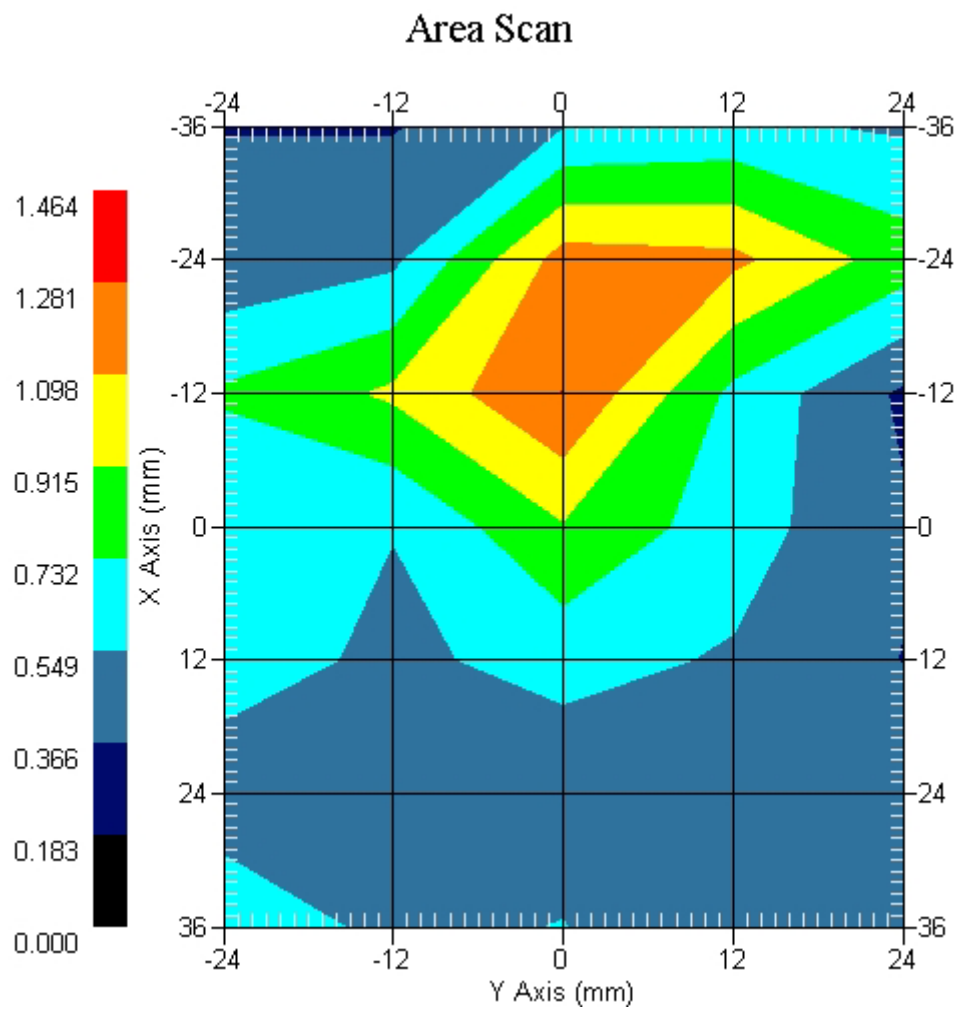
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.383 W/kg
 Power Drift-Finish: 1.391 W/kg
 Power Drift (%) : 0.575

DUT Position : Touch
 Channel : 149



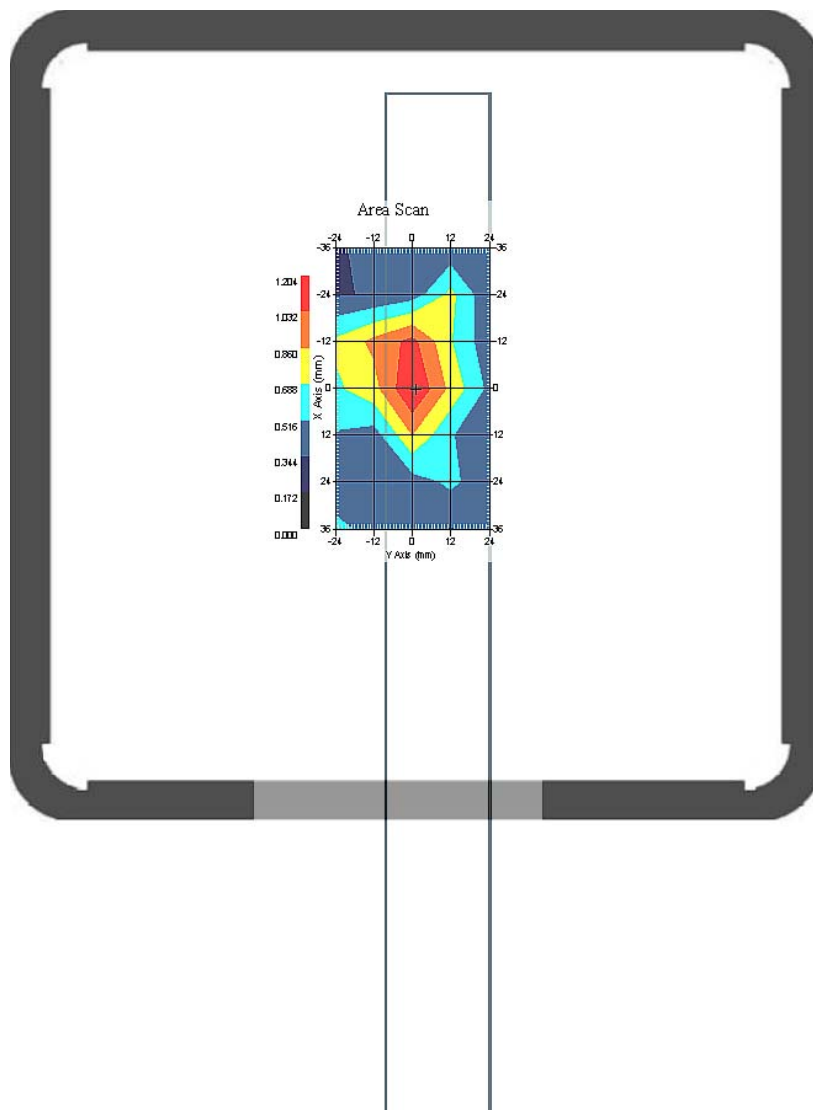
1 gram SAR value : 1.373 W/kg
 10 gram SAR value : 0.897 W/kg
 Area Scan Peak SAR : 1.284 W/kg
 Zoom Scan Peak SAR : 3.083 W/kg



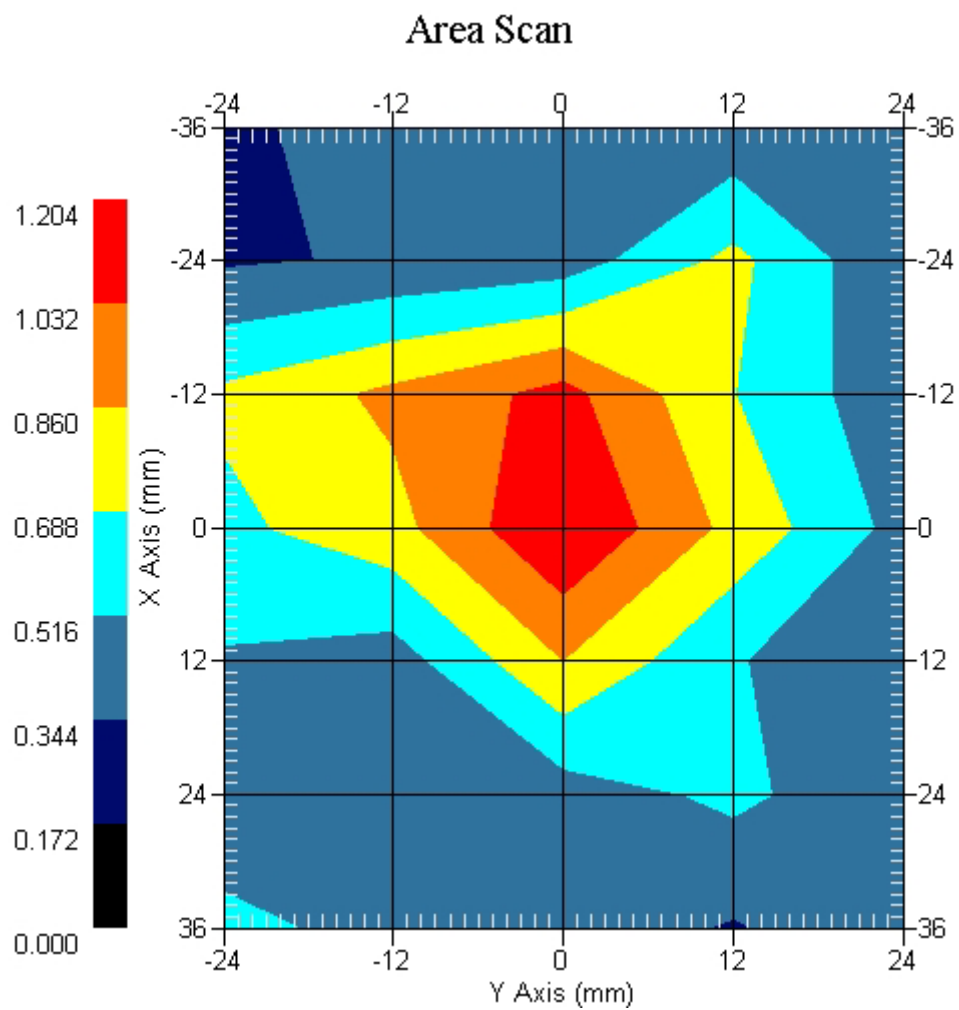
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.212 W/kg
 Power Drift-Finish: 1.197 W/kg
 Power Drift (%) : -1.241

DUT Position : Touch
 Channel : 157



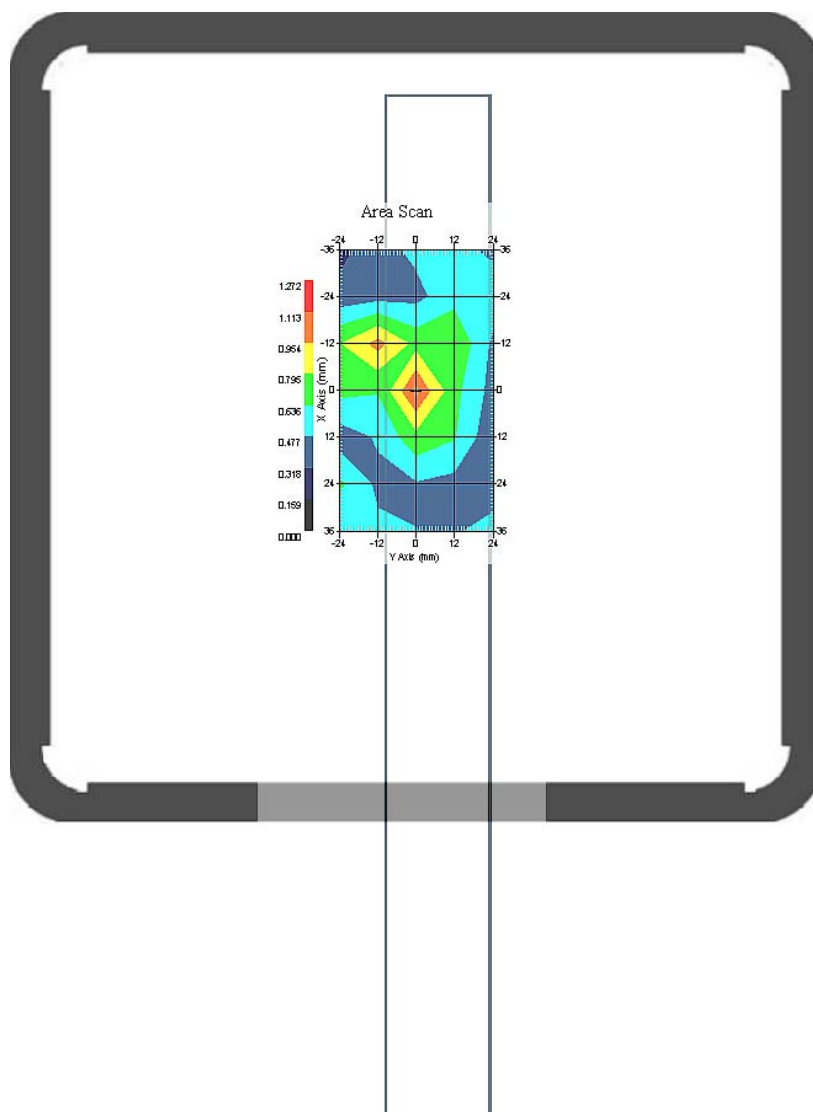
1 gram SAR value : 1.058 W/kg
 10 gram SAR value : 0.835 W/kg
 Area Scan Peak SAR : 1.203 W/kg
 Zoom Scan Peak SAR : 3.052 W/kg



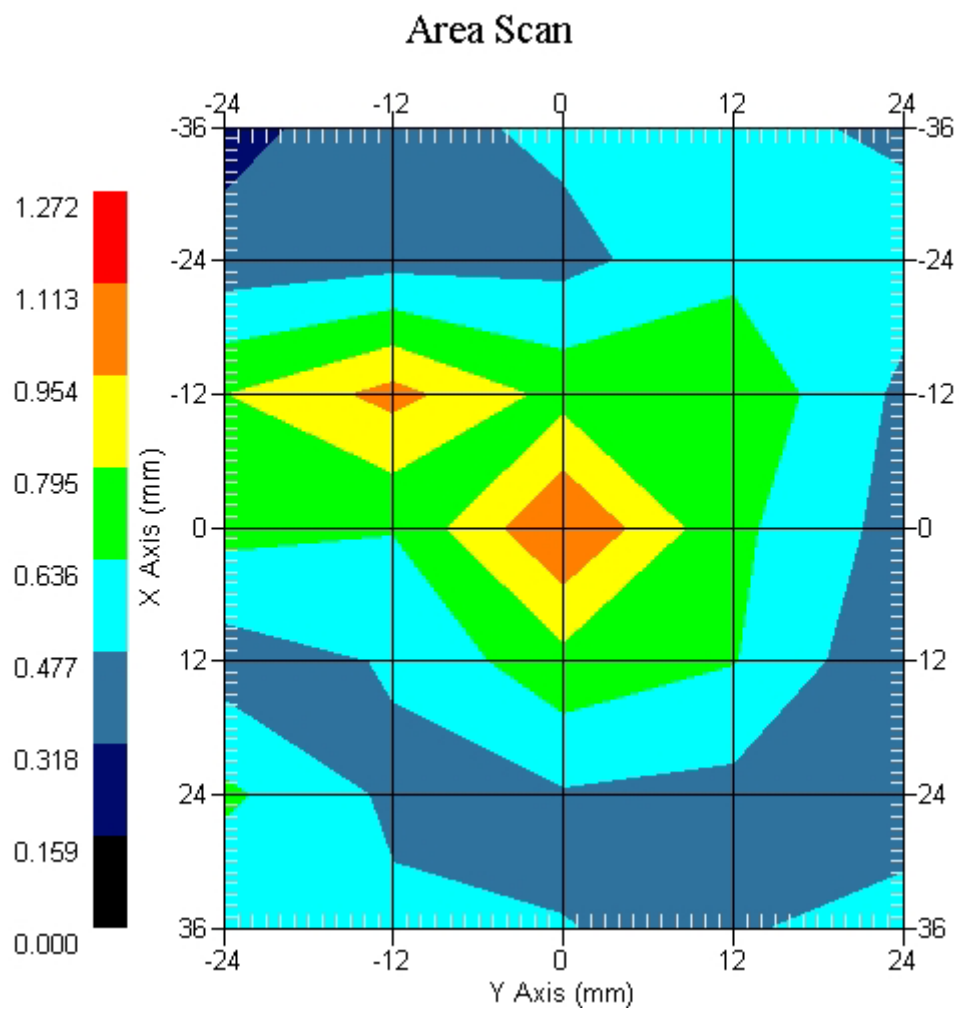
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.430 W/kg
 Power Drift-Finish: 1.421 W/kg
 Power Drift (%) : -0.625

DUT Position : Touch
 Channel : 165



1 gram SAR value : 1.457 W/kg
 10 gram SAR value : 0.838 W/kg
 Area Scan Peak SAR : 1.114 W/kg
 Zoom Scan Peak SAR : 3.803 W/kg



ALSAS-10U VER 2.3.2 APREL Laboratories

SAR Test Report -5.8GHz Band: 802.11n HT0 (40MHz) , Tablet Mode

Report Date : 25-Jun-2007
Measurement Date : 25-Jun-2007

Product Data

Device Name : ASUS
Type : Other
Model : R1E
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 320 mm
Width : 35 mm
Depth : 240 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 : 25-Jun-2007
Temperature : 21.20 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 47.92 F/m
Sigma : 6.132 S/m
Density : 1000.00 kg/cu. m

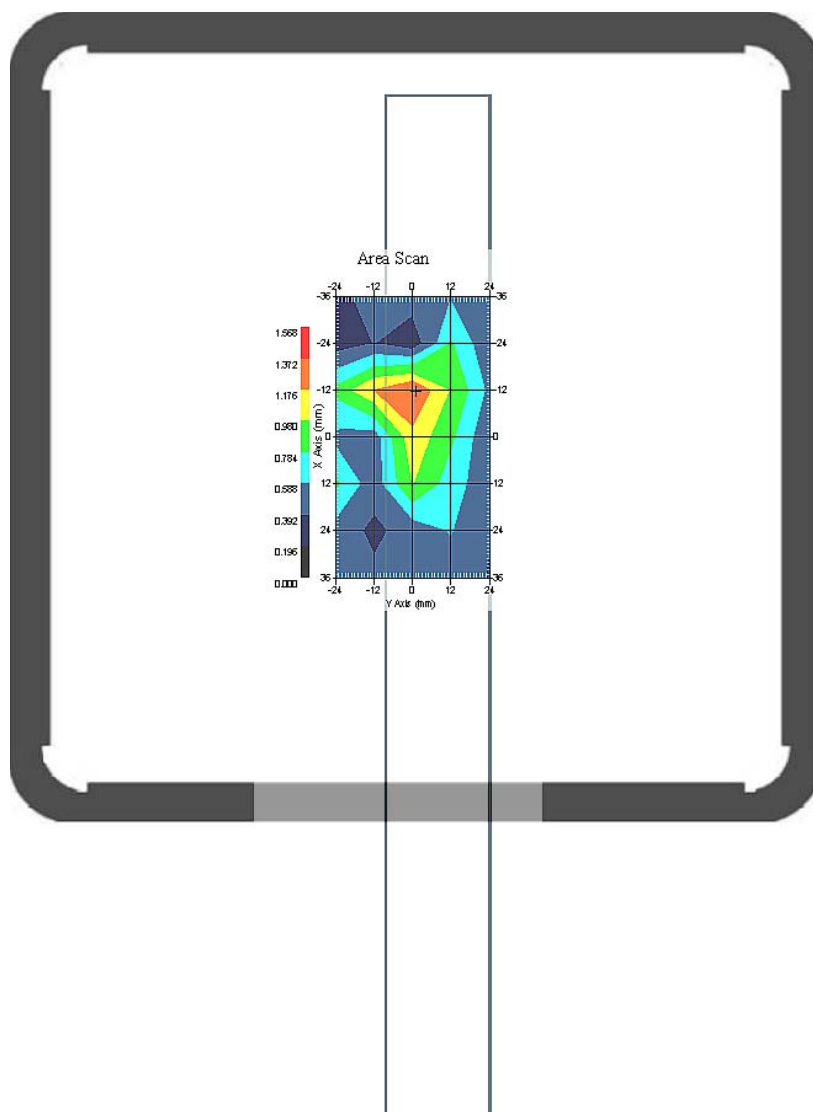
Probe Data

Name : Probe 264
Model : E020
Type : E-Field Triangle
Serial No. : 264
Last Calib. Date : 15-Jun-2007
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
Probe Sensitivity: 0.61 0.61 0.61 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

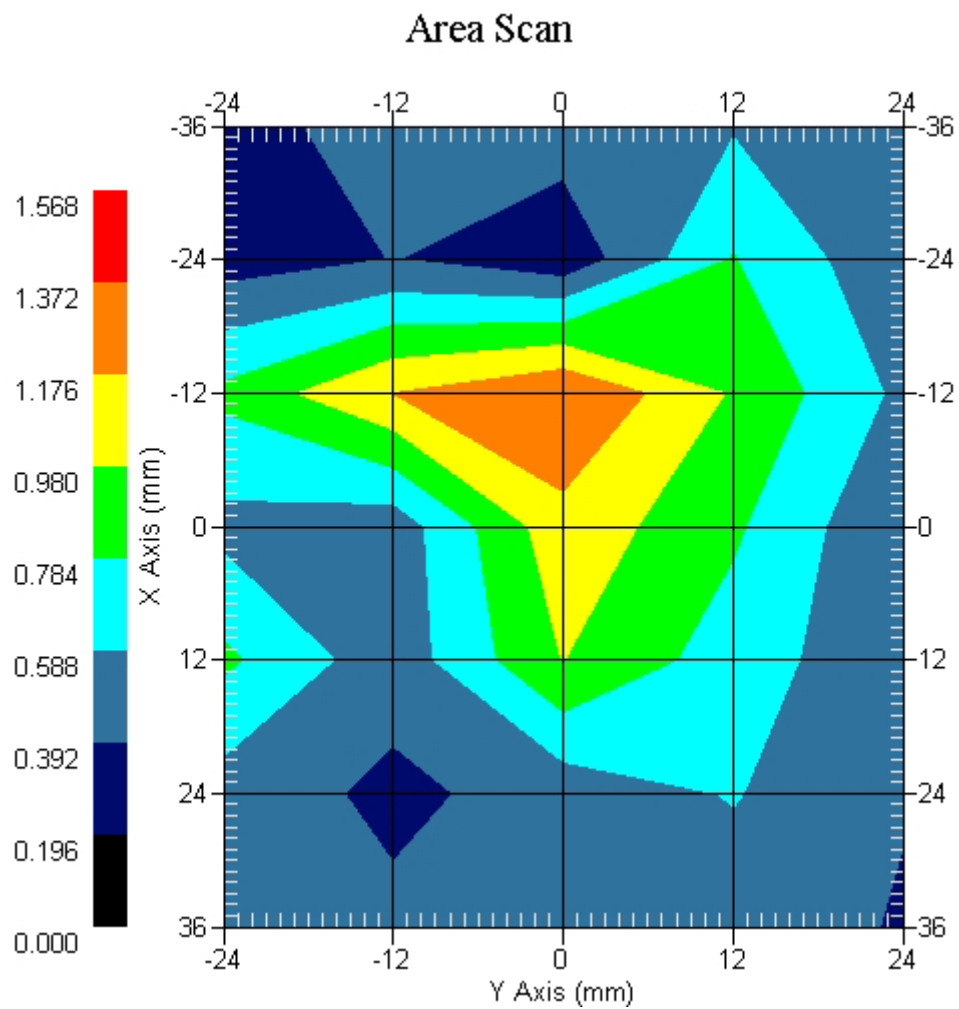
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.414 W/kg
 Power Drift-Finish: 1.403 W/kg
 Power Drift (%) : -0.770

DUT Position : Touch
 Channel : 151



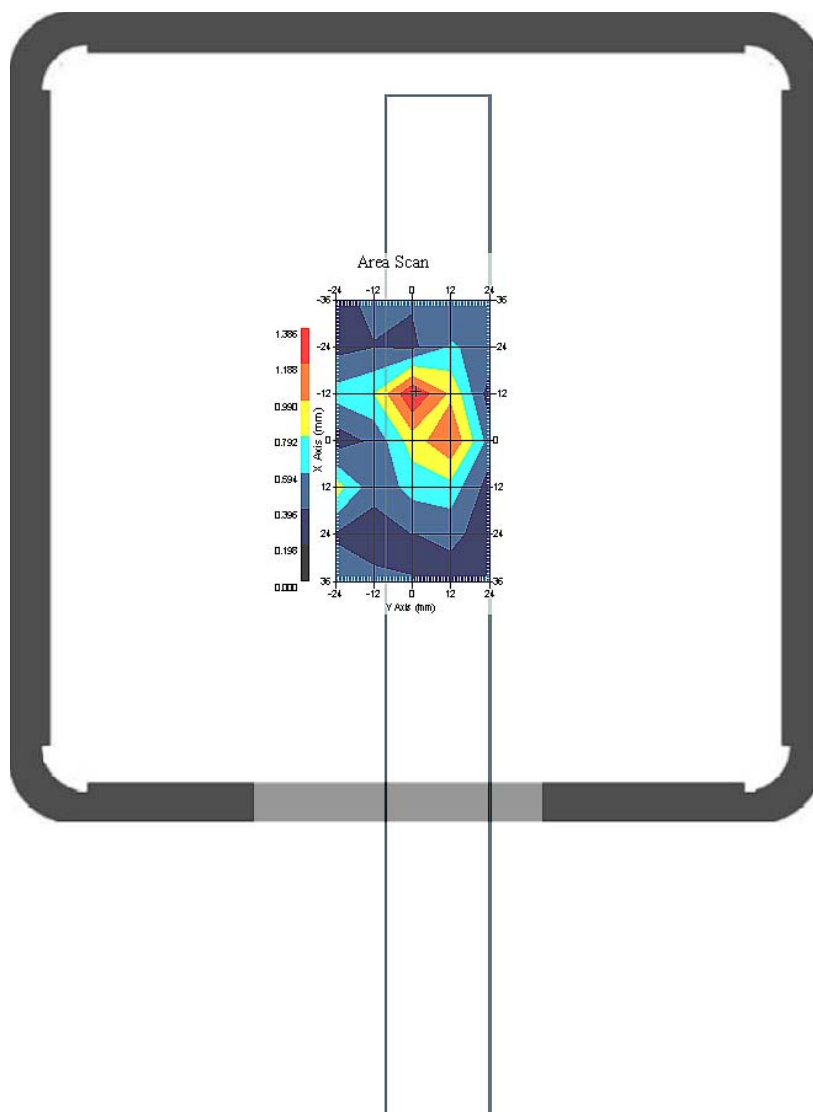
1 gram SAR value : 1.437 W/kg
 10 gram SAR value : 0.897 W/kg
 Area Scan Peak SAR : 1.374 W/kg
 Zoom Scan Peak SAR : 3.003 W/kg



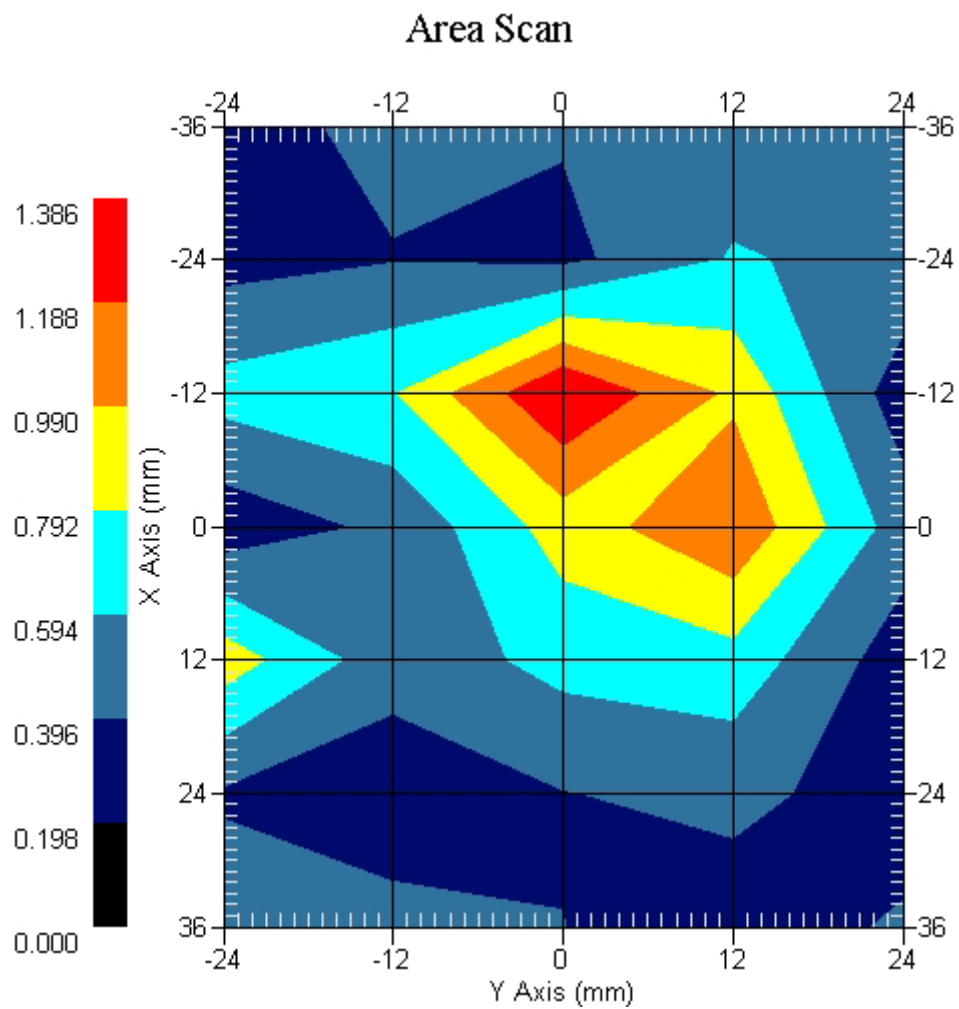
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.317 W/kg
 Power Drift-Finish: 1.306 W/kg
 Power Drift (%) : -0.863

DUT Position : Touch
 Channel : 159



1 gram SAR value : 1.451 W/kg
 10 gram SAR value : 0.868 W/kg
 Area Scan Peak SAR : 1.385 W/kg
 Zoom Scan Peak SAR : 2.121 W/kg



ALSAS-10U VER 2.3.2 APREL Laboratories

SAR Test Report -5.8GHz Band: 802.11n HT8 (20MHz) , Tablet Mode

Report Date : 25-Jun-2007
Measurement Date : 25-Jun-2007

Product Data

Device Name : ASUS
Type : Other
Model : R1E
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 320 mm
Width : 35 mm
Depth : 240 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 : 25-Jun-2007
Temperature : 21.20 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 47.92 F/m
Sigma : 6.132 S/m
Density : 1000.00 kg/cu. m

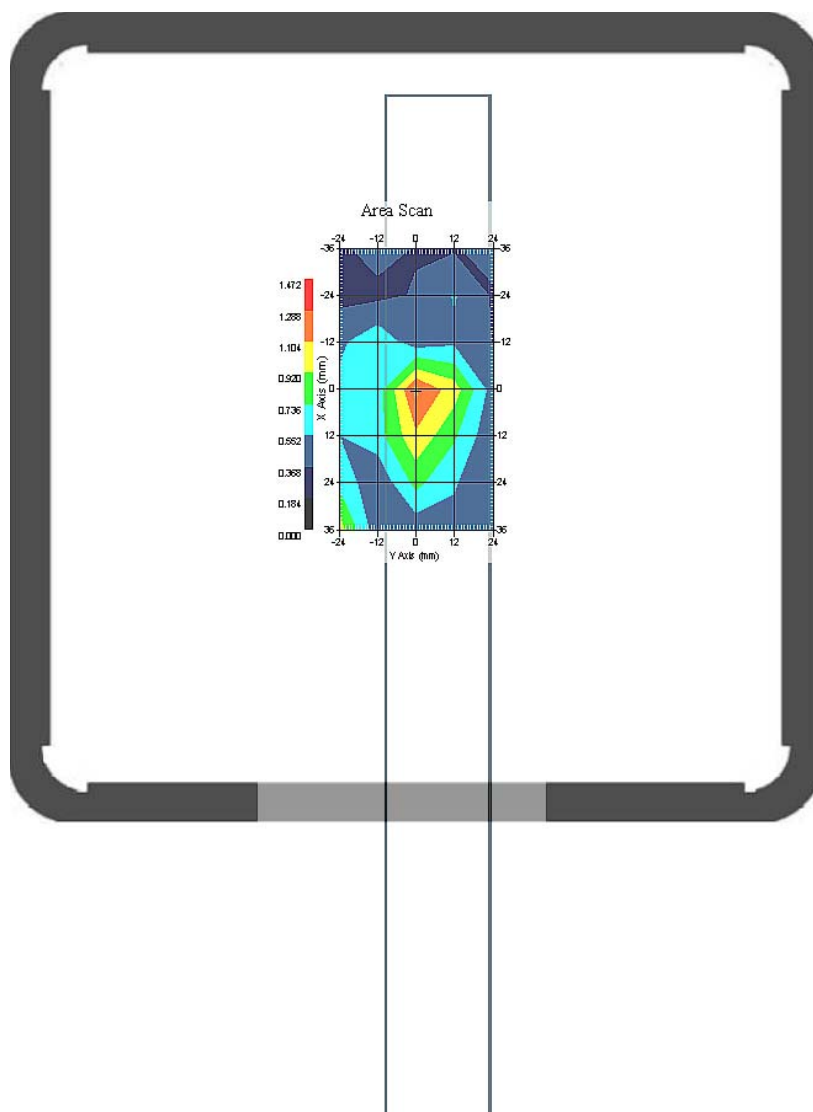
Probe Data

Name : Probe 264
Model : E020
Type : E-Field Triangle
Serial No. : 264
Last Calib. Date : 15-Jun-2007
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
Probe Sensitivity: 0.61 0.61 0.61 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

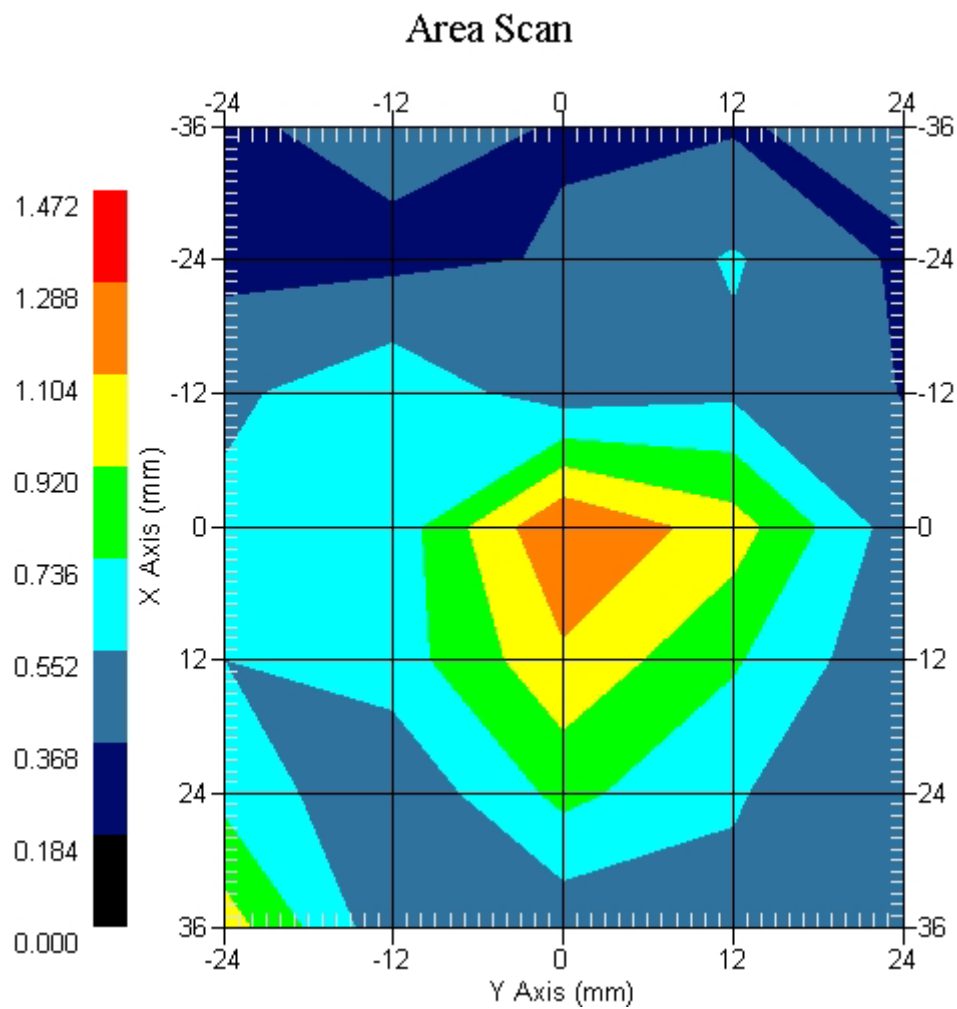
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.928 W/kg
 Power Drift-Finish: 0.916 W/kg
 Power Drift (%) : -1.274

DUT Position : Touch
 Channel : 149



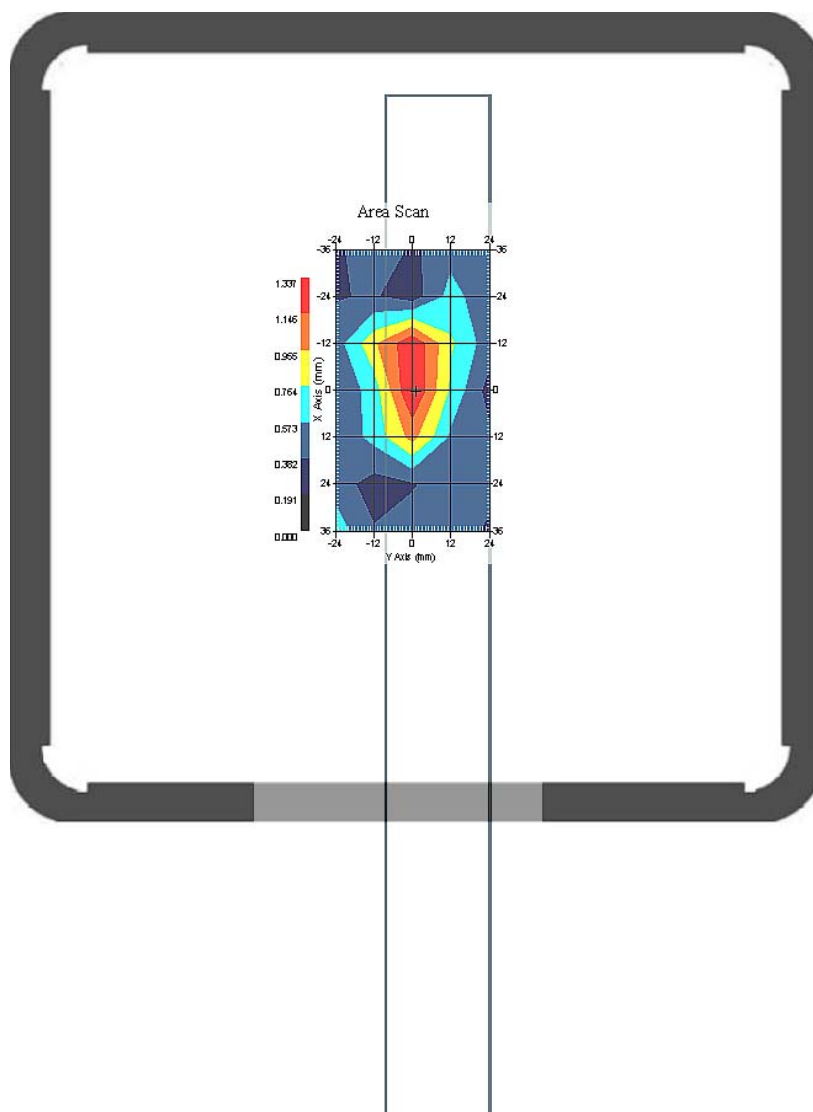
1 gram SAR value : 1.050 W/kg
 10 gram SAR value : 0.763 W/kg
 Area Scan Peak SAR : 1.289 W/kg
 Zoom Scan Peak SAR : 2.512 W/kg



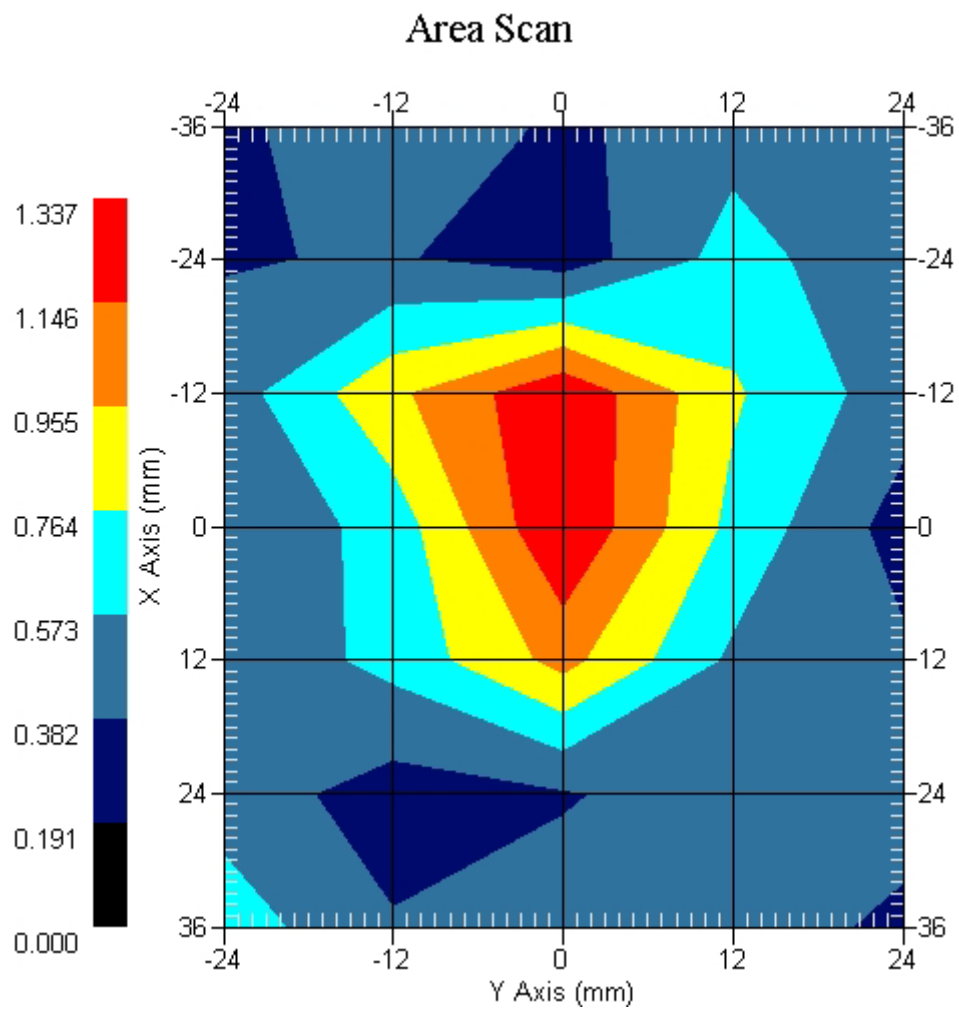
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.314 W/kg
 Power Drift-Finish: 1.298 W/kg
 Power Drift (%) : -1.228

DUT Position : Touch
 Channel : 157



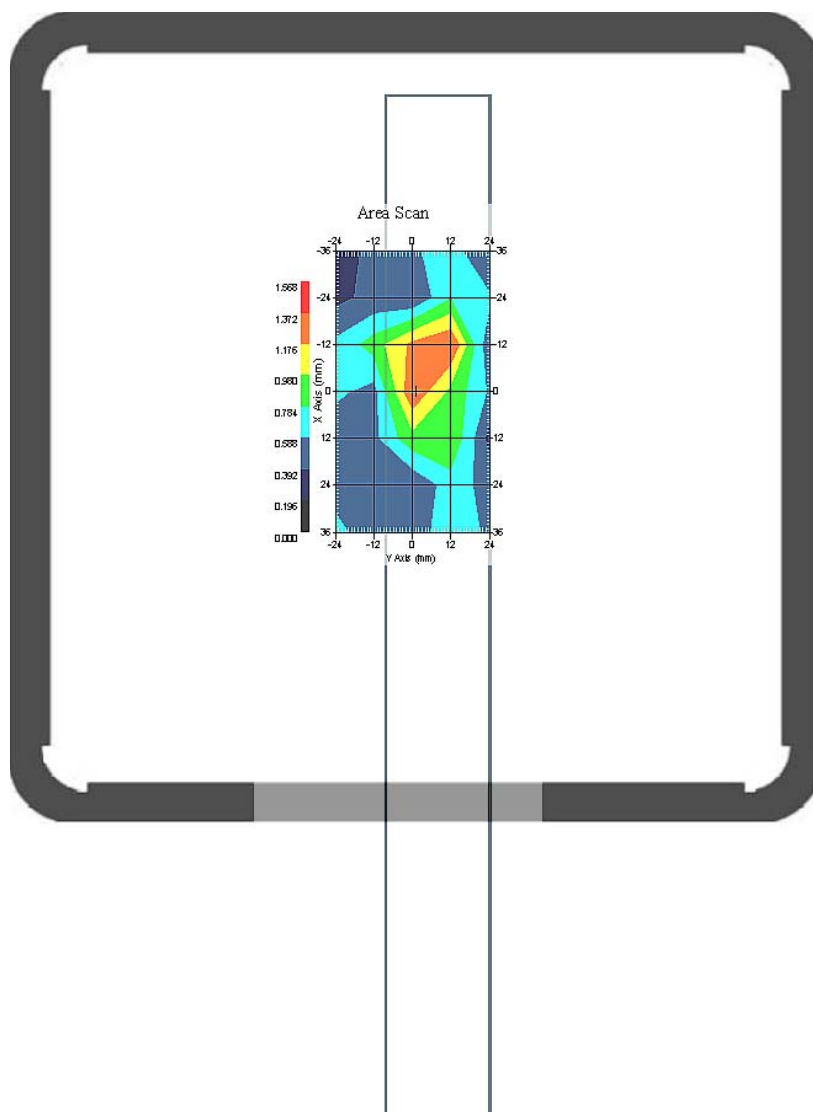
1 gram SAR value : 1.463 W/kg
 10 gram SAR value : 0.932 W/kg
 Area Scan Peak SAR : 1.334 W/kg
 Zoom Scan Peak SAR : 3.121 W/kg



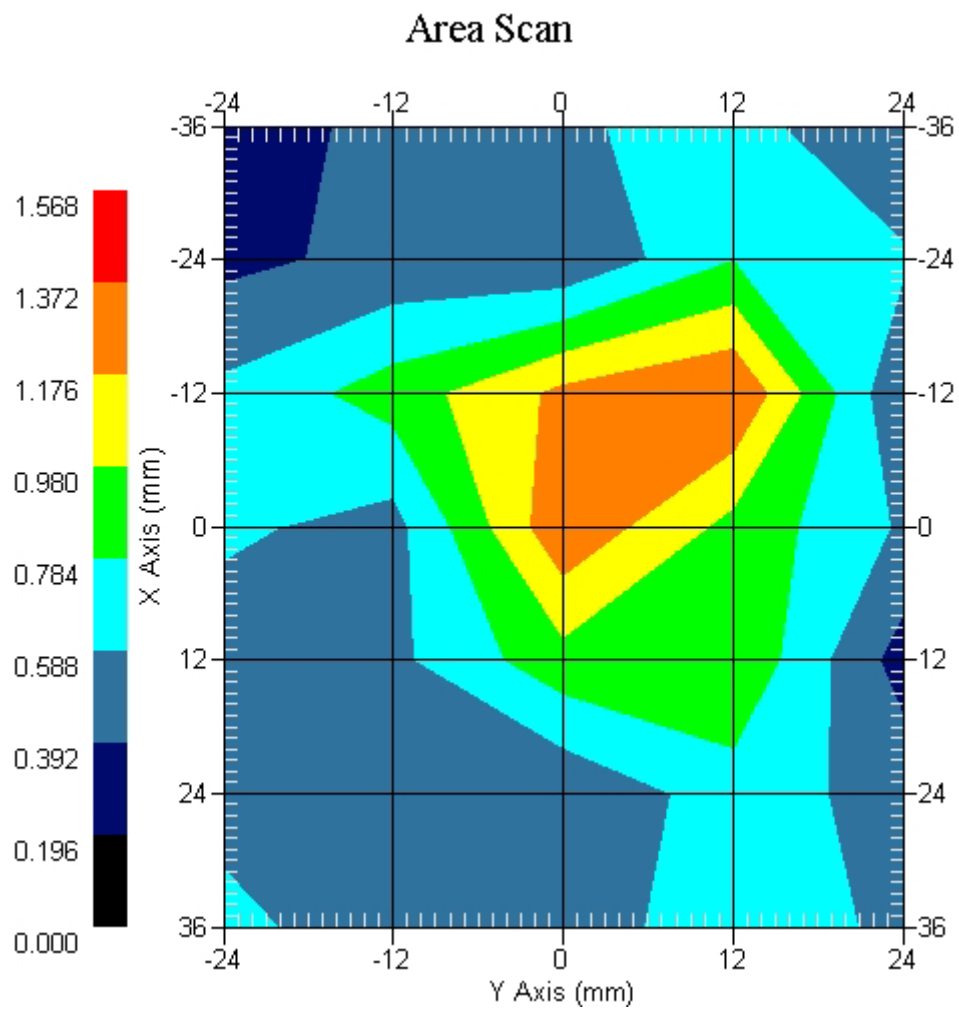
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.463 W/kg
 Power Drift-Finish: 1.450 W/kg
 Power Drift (%) : -0.889

DUT Position : Touch
 Channel : 165



1 gram SAR value : 1.416 W/kg
 10 gram SAR value : 0.991 W/kg
 Area Scan Peak SAR : 1.373 W/kg
 Zoom Scan Peak SAR : 3.724 W/kg



ALSAS-10U VER 2.3.2 APREL Laboratories

SAR Test Report -5.8GHz Band: 802.11n HT8 (40MHz) , Tablet Mode

Report Date : 25-Jun-2007
Measurement Date : 25-Jun-2007

Product Data

Device Name : ASUS
Type : Other
Model : R1E
Frequency : 5800.00 MHz
Drift Time : 0 min(s)
Length : 320 mm
Width : 35 mm
Depth : 240 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 : 25-Jun-2007
Temperature : 21.20 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 47.92 F/m
Sigma : 6.132 S/m
Density : 1000.00 kg/cu. m

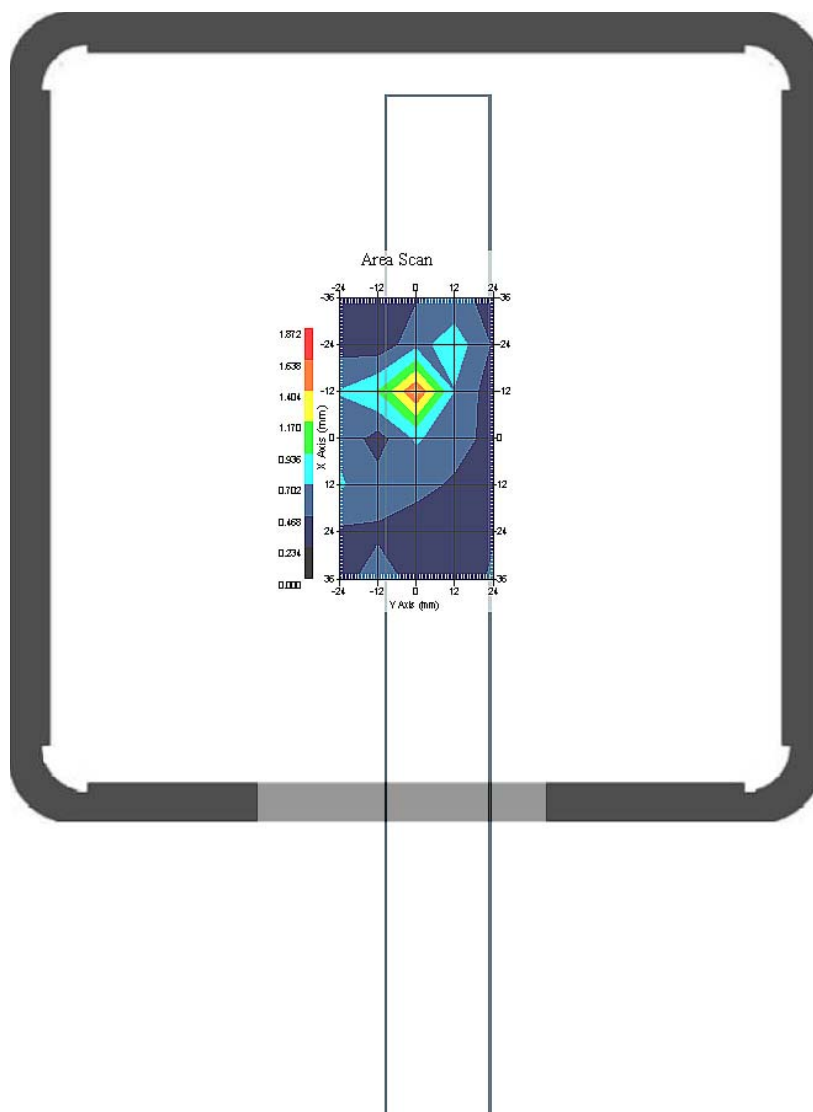
Probe Data

Name : Probe 264
Model : E020
Type : E-Field Triangle
Serial No. : 264
Last Calib. Date : 15-Jun-2007
Frequency : 5800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.3
Probe Sensitivity: 0.61 0.61 0.61 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

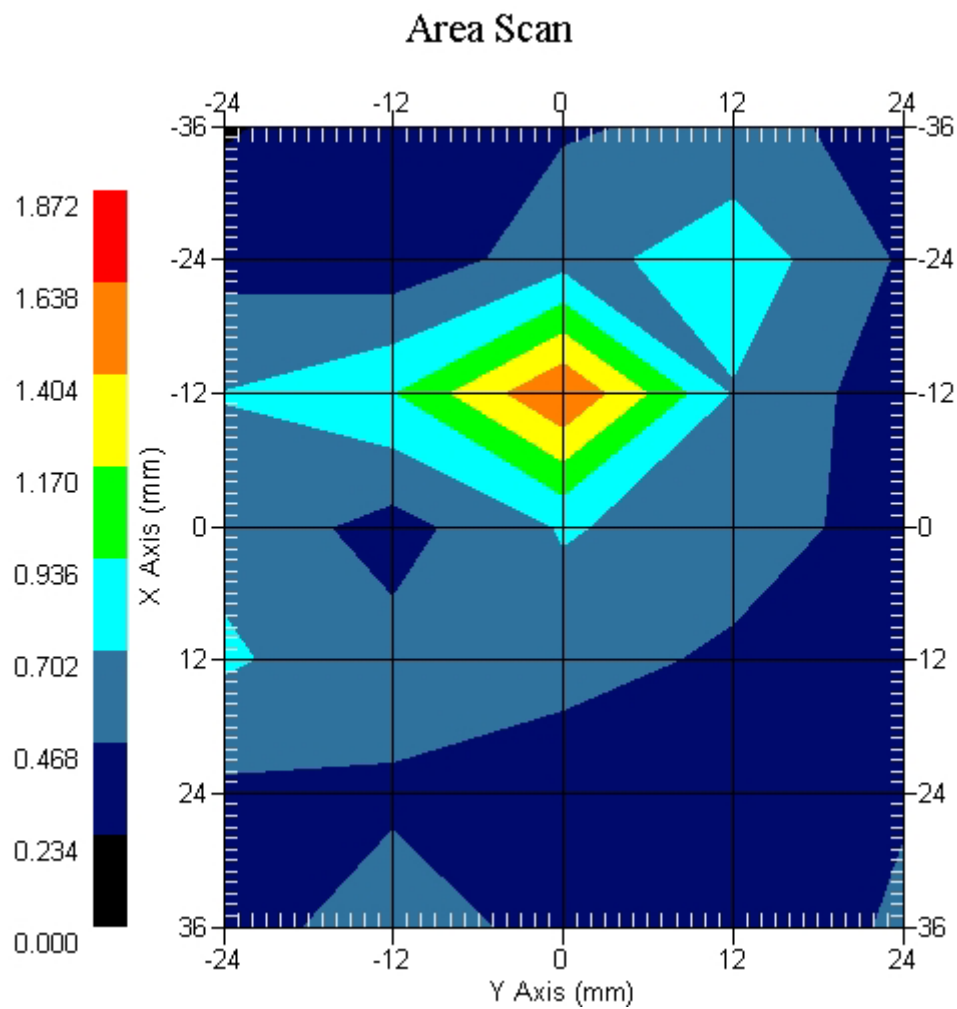
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 0.996 W/kg
 Power Drift-Finish: 1.026 W/kg
 Power Drift (%) : 3.049

DUT Position : Touch
 Channel : 151



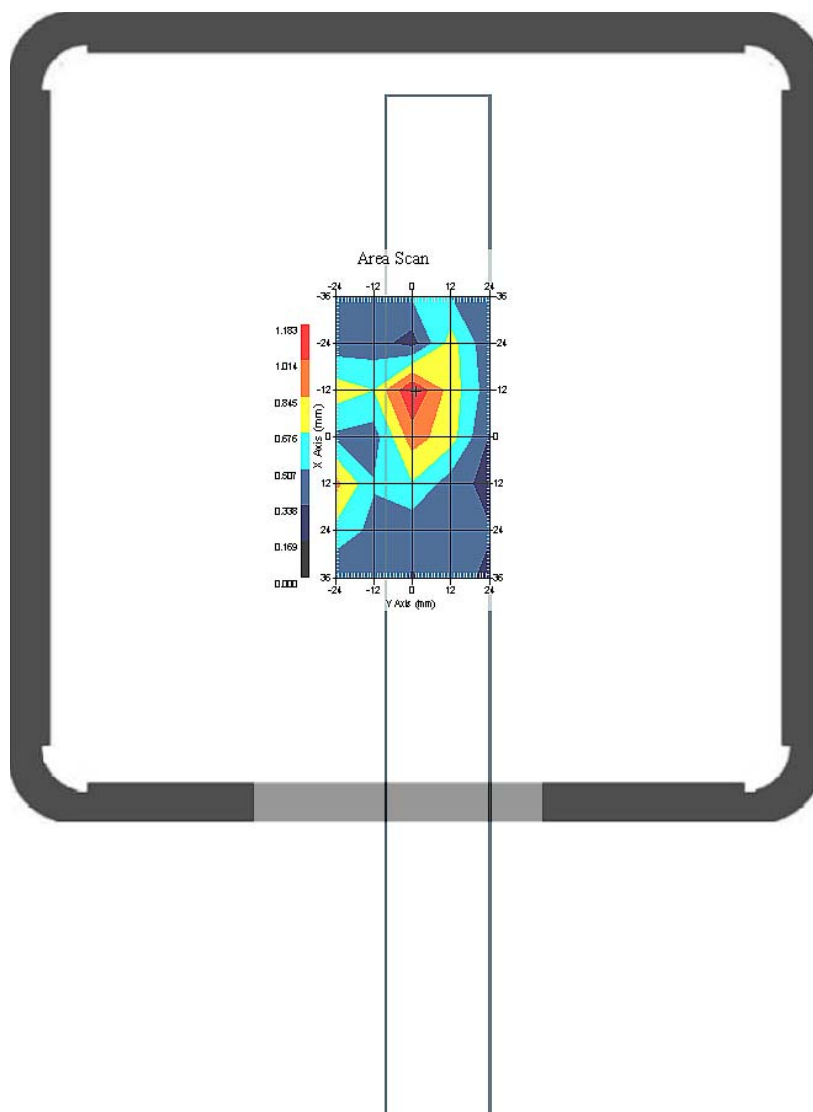
1 gram SAR value : 1.337 W/kg
 10 gram SAR value : 0.877 W/kg
 Area Scan Peak SAR : 1.640 W/kg
 Zoom Scan Peak SAR : 2.552 W/kg



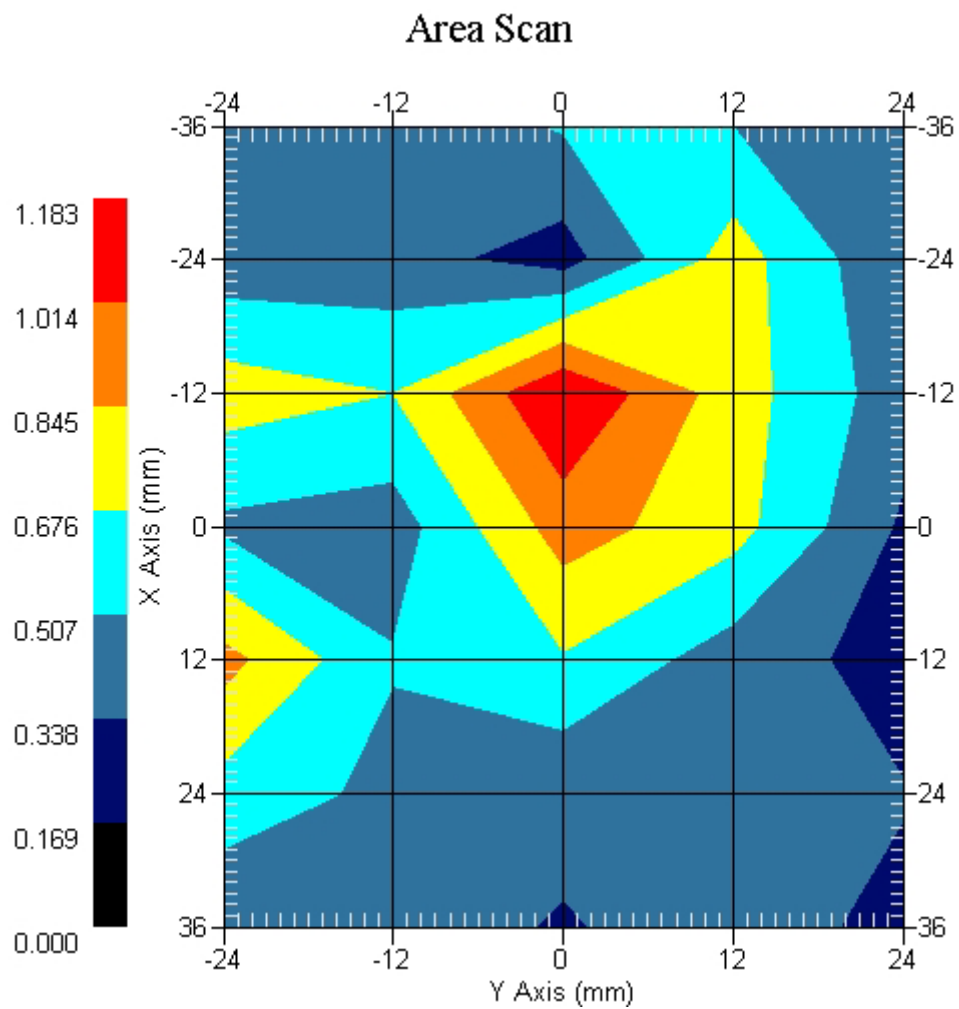
Measurement Data

Crest Factor : 1
 Tissue Temp. : 21.20 °C
 Ambient Temp. : 22.40 °C
 Area Scan : 7x5x1 : Measurement x=12mm, y=12mm, z=4mm
 Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm
 Power Drift-Start : 1.209 W/kg
 Power Drift-Finish: 1.195 W/kg
 Power Drift (%) : -1.165

DUT Position : Touch
 Channel : 159

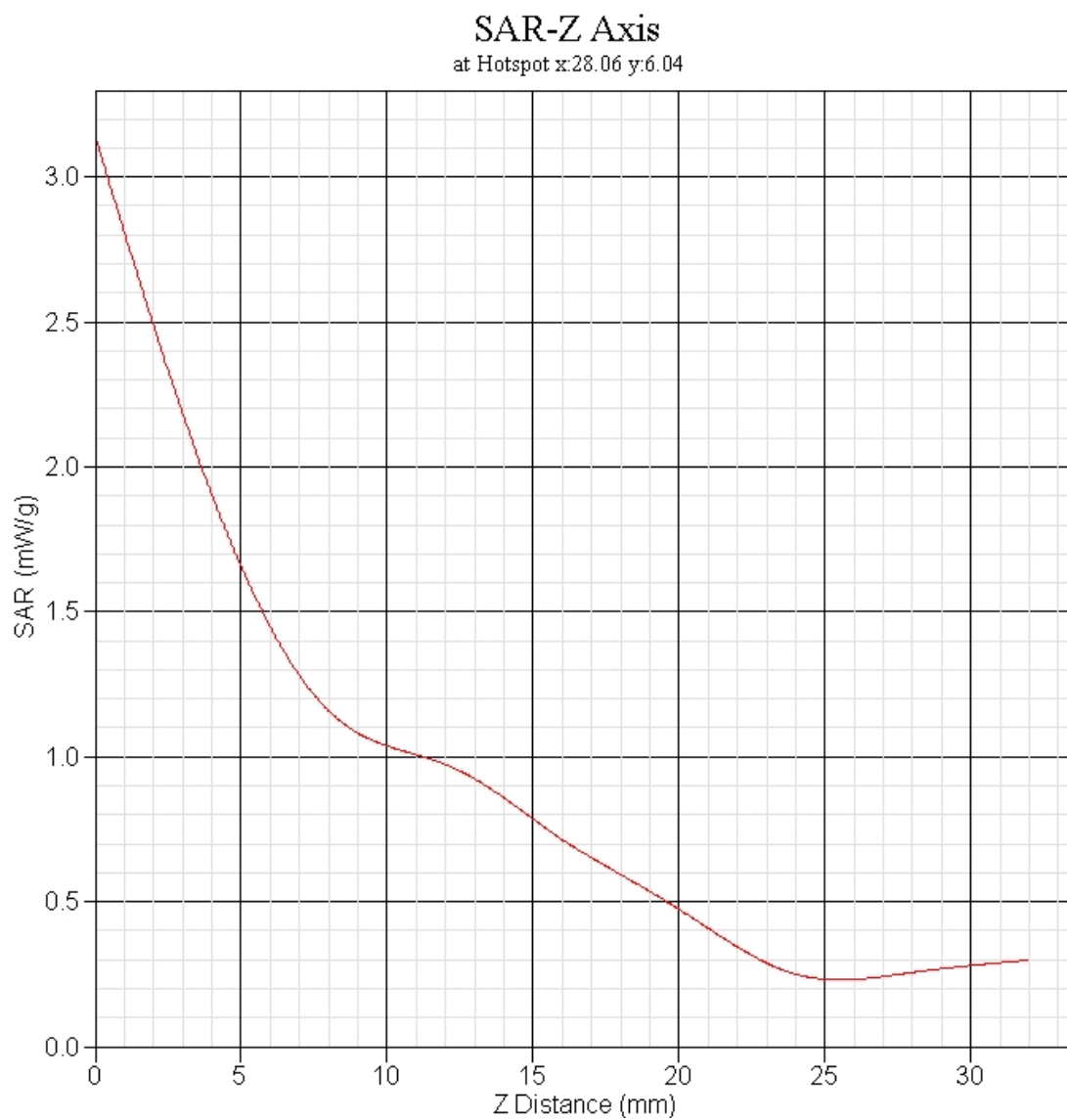


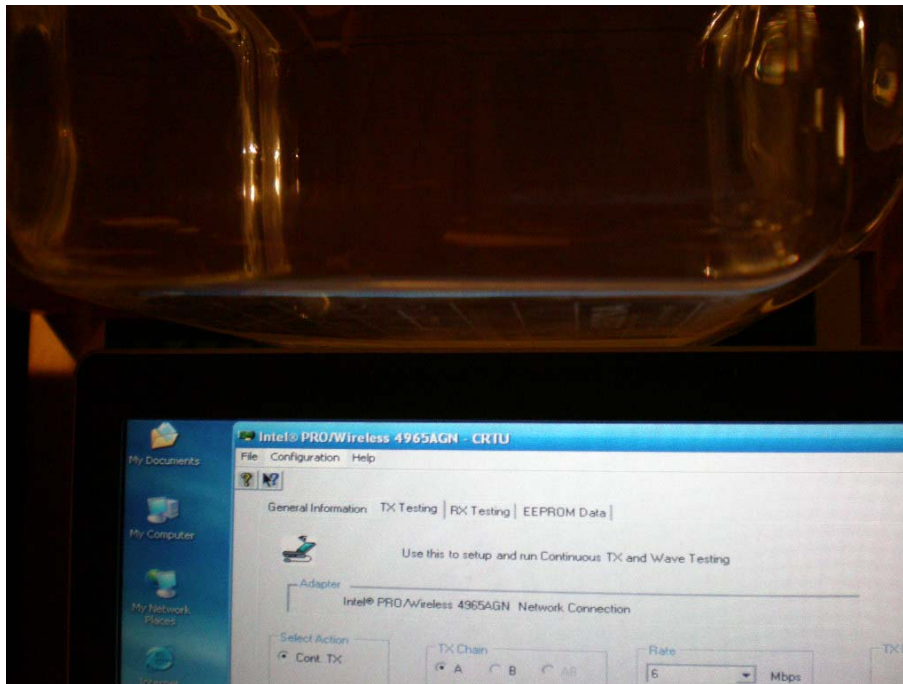
1 gram SAR value : 1.385 W/kg
 10 gram SAR value : 0.887 W/kg
 Area Scan Peak SAR : 1.183 W/kg
 Zoom Scan Peak SAR : 2.322 W/kg



5.8 GHz Band Z-Axis plot

802.11a (6Mbps)-Antenna A channel: 157



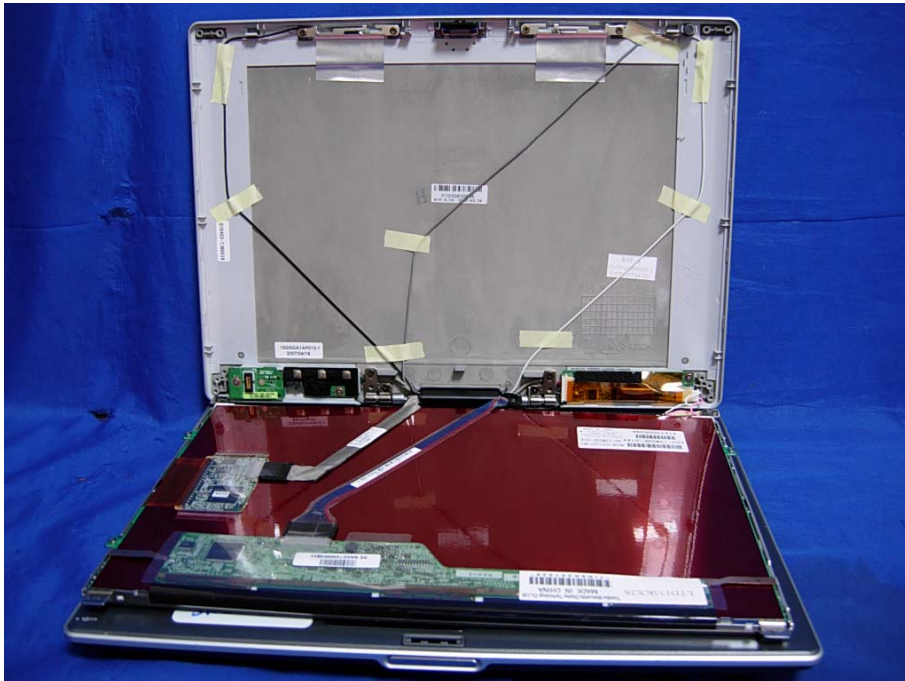
Test Setup Photographs**EUT Top (Front View)****EUT Top (Side View)**

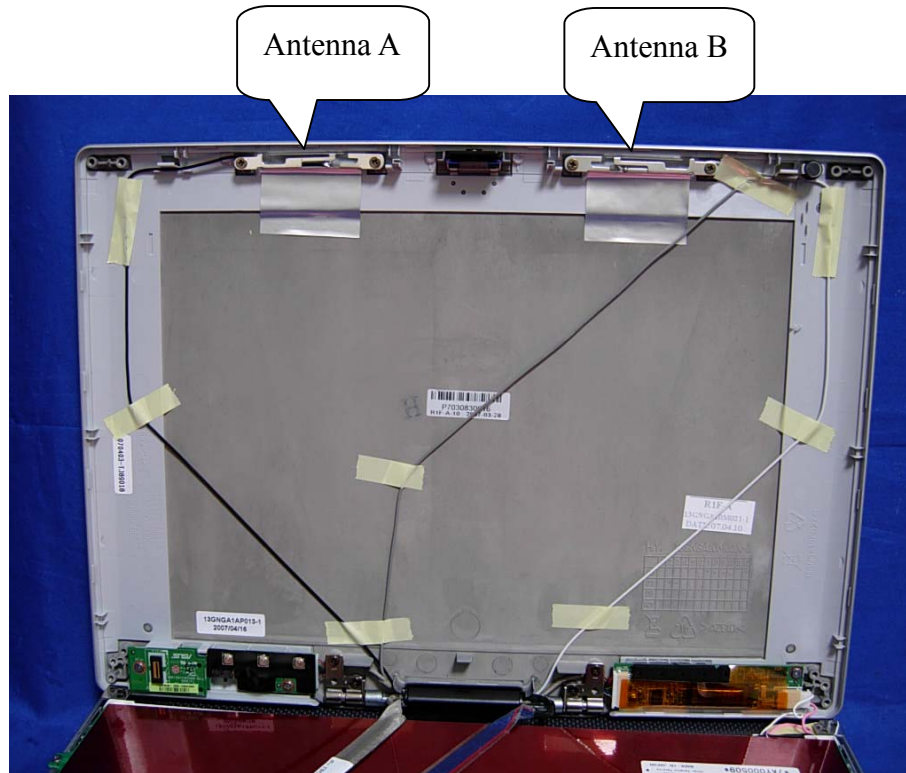
Note: The positions used in the measurements were according to IEEE 1528-2003.

Test EUT Photographs

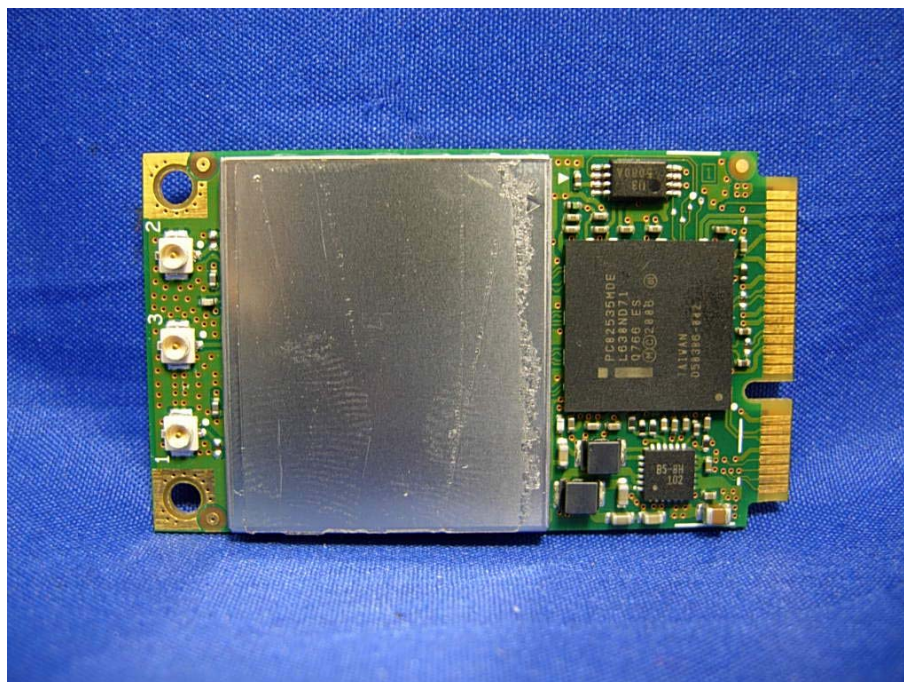


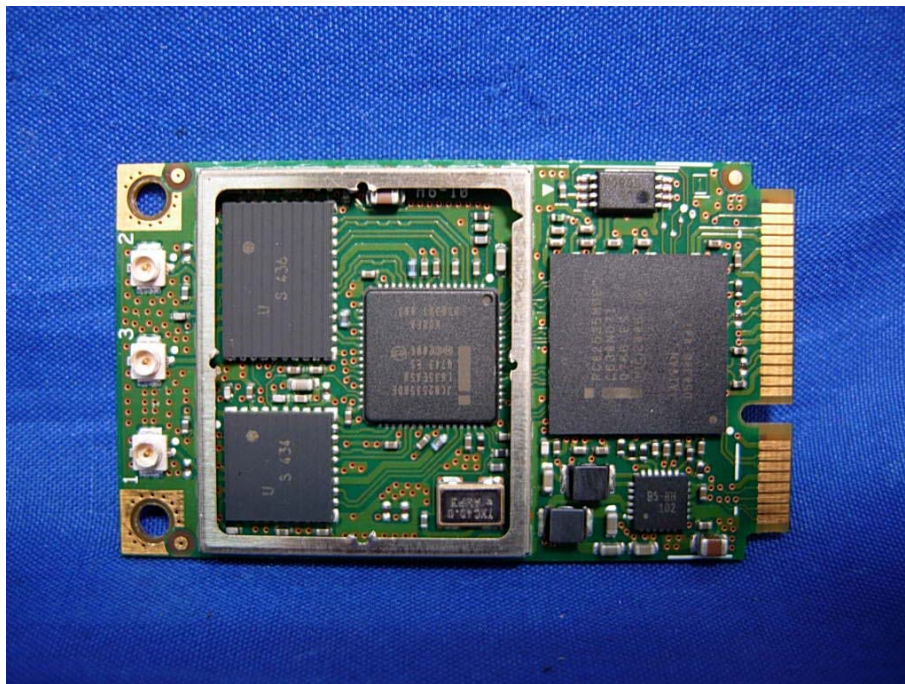


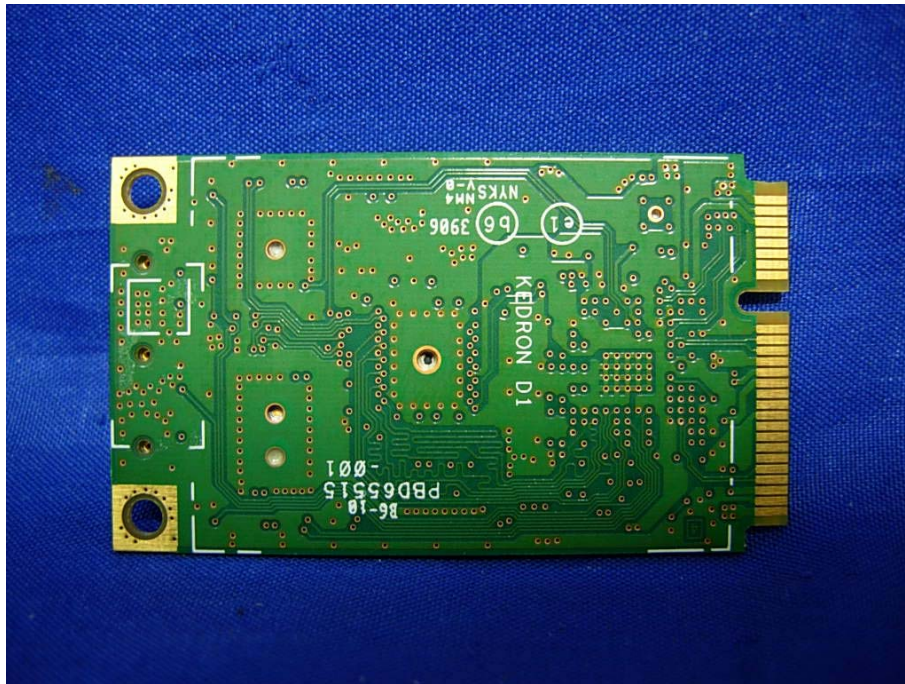














Appendix - Probe Calibration

Miniature Isotropic RF Probe

M/N: ALS-E-020

S/N: 264

2450MHz Head Calibration page 2~11

2450MHz Body Calibration page 12~21

5200MHz Head Calibration page 22~31

5200MHz Body Calibration page 32~41

5800MHz Head Calibration page 42~51

5800MHz Body Calibration page 52~61

NCL CALIBRATION LABORATORIES

Calibration File No.: CP-634

Client: QUIETEK

CERTIFICATE OF CALIBRATION

It is certified that the equipment identified below has been calibrated in the
NCL CALIBRATION LABORATORIES by qualified personnel following recognized
procedures and using transfer standards traceable to NRC/NIST.

Equipment: Miniature Isotropic RF Probe 2450 MHz

Manufacturer: APREL Laboratories

Model No.: ALS-E-020

Serial No.: 264

HEAD Calibration

Calibration Procedure: SSI/DRB-TP-D01-032-E020-V2

Project No: QUIB-Probe-Cal-5210

Calibrated: 21st March 2006

Released on: 21st March 2006

This Calibration Certificate is incomplete Unless Accompanied with the Calibration Results Summary

Released By: 

NCL CALIBRATION LABORATORIES

51 SPECTRUM WAY
NEPEAN, ONTARIO
CANADA K2R 1E6

Division of APREL Lab
TEL: (613) 820-4988
FAX: (613) 820-4161

Temperature of the Tissue:

21 °C +/- 0.5 °C

We the undersigned attest that to the best of our knowledge the calibration of
this probe has been accurately conducted and that all information contained

NCL Calibration Laboratories

Division of APREL Laboratories.

Introduction

This Calibration Report reproduces the results of the calibration performed in line with the SSI/DRB-TP-D01-032-E020-V2 E-Field Probe Calibration Procedure. The results contained within this report are for APREL E-Field Probe E-020 264.

References

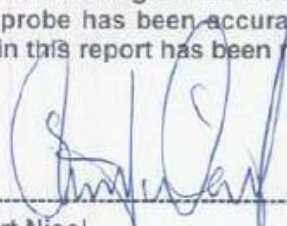
SSI/DRB-TP-D01-032-E020-V2 E-Field Probe Calibration Procedure
IEEE 1528 "Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques"
SSI-TP-011 Tissue Calibration Procedure

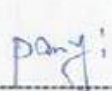
Conditions

Probe 264 was a new probe taken from stock prior to calibration.

Ambient Temperature of the Laboratory: 22 °C +/- 0.5°C
Temperature of the Tissue: 21 °C +/- 0.5°C

We the undersigned attest that to the best of our knowledge the calibration of this probe has been accurately conducted and that all information contained within this report has been reviewed for accuracy.



Stuart Nicol

Yi Pan

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This page has been reviewed for content and attested to on Page 2 of this document.