

Appendix D

SAR measurement Data

of

Product Name

802.11a/b/g Wireless Cardbus Adpater (Super AG)

Model

IPN-W100CB



1 802.11b SAR measurement Data

SAR Test Report

Report Date : 20-Nov-2006 Measurement Date : 20-Nov-2006

Product Data
Device Name : IPN-W100CB
Type : Other
Frequency : 2450.00 MHz

Max. Transmit Pwr : 0.046 W Drift Time : 0 min(s)
Length : 8 mm
Width : 55 mm Width : 55 mm
Depth : 11 mm
Antenna Type : Internal

Phantom Data

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

Location : Center

Tissue Data

Type : BODY
Serial No. : 2450BODY
Frequency : 2450.00 MHz Last Calib. Date : 20-Nov-2006 Temperature : 22.10 °C
Ambient Temp. : 22.40 °C
Humidity : 52.00 RH%
Epsilon : 51.24 F/m
Sigma : 1.94 S/m

Density : 1000.00 kg/cu. m

Probe Data

: E-field Probe

Type : E-Field Triangle Serial No. : 266

Last Calib. Date : 22-Jun-2006 Frequency : 2450.00 MHz

Duty Cycle Factor: 1 Conversion Factor: 5.02

Probe Sensitivity: 1.20 1.20 1.20 $\mu V/\left(V/m\right)^2$

Compression Point: 95.00 mV : 1.56 mm Offset



1.1 2450 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

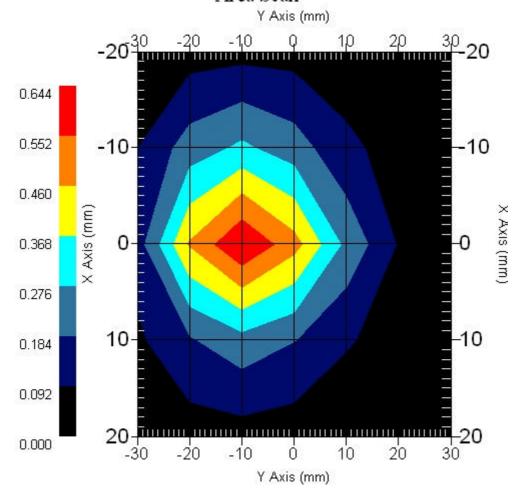
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Low - 2412MHz

Power Drift-Start : 0.506 W/kg Power Drift-Finish: 0.505 W/kg Power Drift (%) : -0.366

Area Scan



1 gram SAR value : 0.512 W/kg 10 gram SAR value : 0.241 W/kg Area Scan Peak SAR : 0.641 W/kg Zoom Scan Peak SAR : 1.030 W/kg



1.2 2450 MHz, EUT Position: Top

Measurement Data
Crest Factor : 1

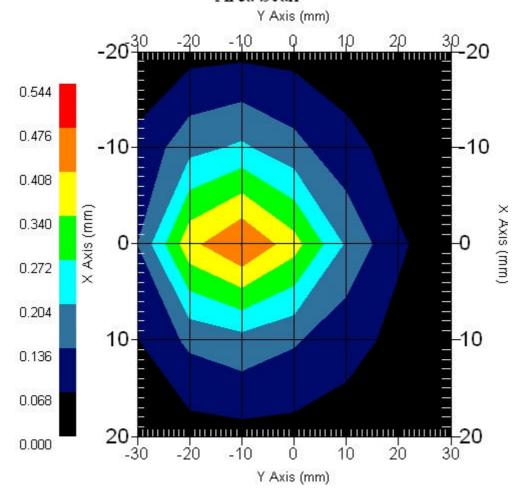
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start : 0.360 W/kg Power Drift-Finish: 0.371 W/kg Power Drift (%) : 2.991

Area Scan



1 gram SAR value : 0.391 W/kg 10 gram SAR value : 0.186 W/kg Area Scan Peak SAR : 0.477 W/kg Zoom Scan Peak SAR : 0.780 W/kg



1.3 2450 MHz, EUT Position: Top

Measurement Data
Crest Factor : 1

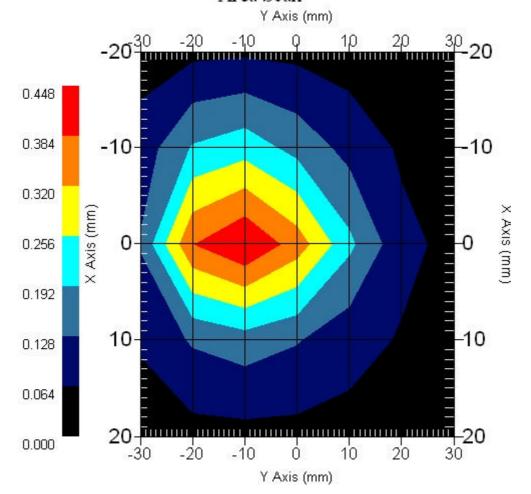
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : High - 2462MHz

Power Drift-Start: 0.351 W/kg Power Drift-Finish: 0.359 W/kg Power Drift(%): 2.417

Area Scan



1 gram SAR value : 0.376 W/kg 10 gram SAR value : 0.178 W/kg Area Scan Peak SAR : 0.447 W/kg Zoom Scan Peak SAR : 0.750 W/kg



1.4 2450 MHz, EUT Position: Front

Measurement Data Crest Factor : 1

Area Scan : 6x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start : 0.162 W/kg Power Drift-Finish: 0.160 W/kg Power Drift (%) : -1.234

Area Scan Y Axis (mm) -20 -1,0 10 0.259 -10 -10 0.222 0.185 0 X Axis (mm) 0.148 10-0.111 0.074 20 -20 0.037 0.000 -20 -10 20 30 -30 Ó 10 Y Axis (mm)

1 gram SAR value : 0.239 W/kg 10 gram SAR value : 0.121 W/kg Area Scan Peak SAR : 0.258 W/kg Zoom Scan Peak SAR : 0.460 W/kg



1.5 2450 MHz, EUT Position: Back

Measurement Data Crest Factor : 1

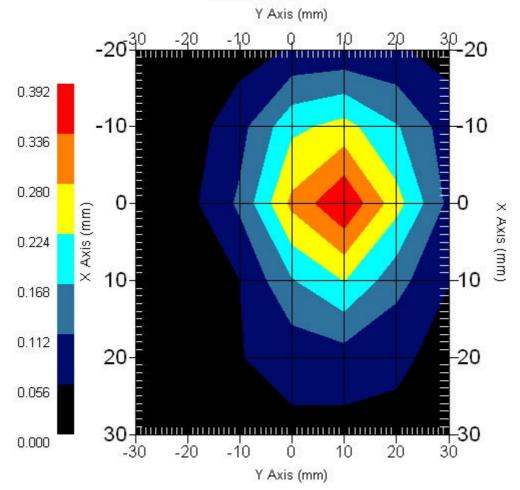
Area Scan : 6x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start : 0.317 W/kg Power Drift-Finish: 0.305 W/kg Power Drift (%) : -3.785

Area Scan



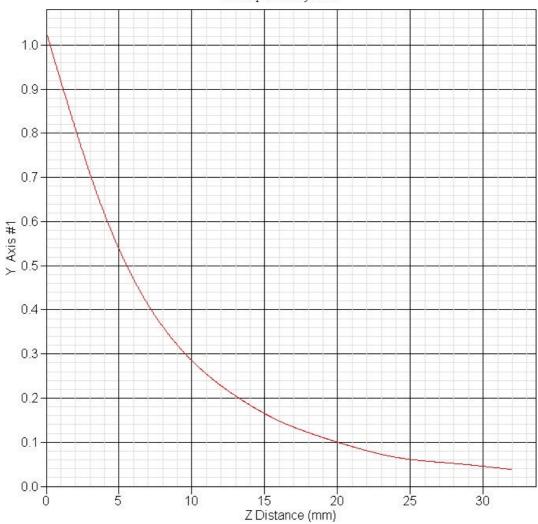
1 gram SAR value : 0.325 W/kg 10 gram SAR value : 0.163 W/kg Area Scan Peak SAR : 0.389 W/kg Zoom Scan Peak SAR : 0.600 W/kg



1.6 Z-Axis plot

Frequency: 802.11b 2450 MHz, EUT Top

SAR-Z Axis at Hotspot x:0.30 y:-10.00





2 802.11g SAR measurement Data

SAR Test Report

Report Date : 20-Nov-2006 Measurement Date : 20-Nov-2006

Product Data
Device Name : IPN-W100CB
Type : Other
Frequency : 2450.00 MHz

Max. Transmit Pwr : 0.046 W Drift Time : 0 min(s)
Length : 31 mm
Width : 55 mm Width : 55 mm
Depth : 6 mm
Antenna Type : Internal

Phantom Data

: APREL-Uni Name мате Туре : Uni-Phantom Size (mm) : 280 x 280 x 200
Location : Center

Tissue Data

Type : BODY
Serial No. : 2450BODY
Frequency : 2450.00 MHz Last Calib. Date : 20-Nov-2006 Temperature : 22.10 °C

Ambient Temp. : 22.40 °C

Humidity : 52.00 RH%

Epsilon : 51.240 F/m

Sigma : 1.940 S/m

Density : 1000.00 kg/cu. m

Probe Data

: E-field P: : ALS-E-020 : E-Field T: : E-field Probe Name Model

Type : E-Field Triangle Serial No. : 266

Last Calib. Date : 22-Jun-2006 Frequency : 2450.00 MHz

Duty Cycle Factor: 1 Conversion Factor: 5.02

Probe Sensitivity: 1.20 1.20 1.20 $\mu V/\left(V/m\right)^2$

Compression Point: 95.00 mV Offset : 2.44 mm



2.1 2450 MHz, EUT Position: Back

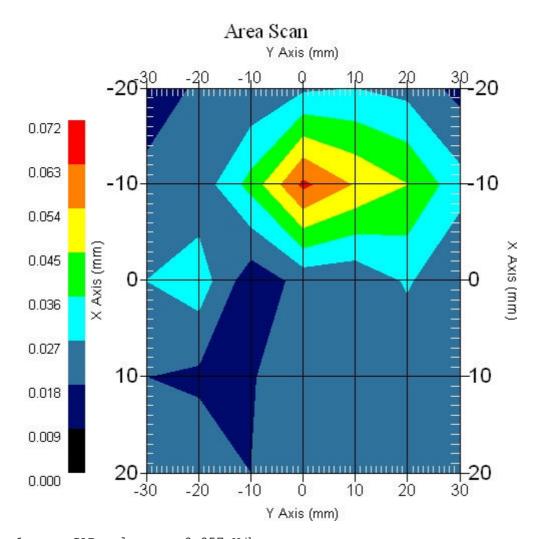
Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Low - 2412MHz

Power Drift-Start : 0.078 W/kg Power Drift-Finish: 0.076 W/kg Power Drift (%) : -2.564



1 gram SAR value : 0.057 W/kg 10 gram SAR value : 0.041 W/kg Area Scan Peak SAR : 0.068 W/kg Zoom Scan Peak SAR : 0.128 W/kg



2.2 2450 MHz, EUT Position: Back

Measurement Data Crest Factor : 1

Area Scan : 6x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start: 0.075 W/kg Power Drift-Finish: 0.078 W/kg Power Drift (%) : 3.846

Area Scan Y Axis (mm) -20 -1,0 10 20 0.08 -10--10 0.07 0.06 0 X Axis (mm) 0.05 0.04 10 -10 0.03 0.02 -20 20 0.01 30 0.00 -20 20 30 -30 -10 0 10

Y Axis (mm)

1 gram SAR value : 0.068 W/kg 10 gram SAR value : 0.042 W/kg Area Scan Peak SAR : 0.073 W/kg Zoom Scan Peak SAR : 0.130 W/kg



2.3 2450 MHz, EUT Position: Back

Measurement Data
Crest Factor : 1

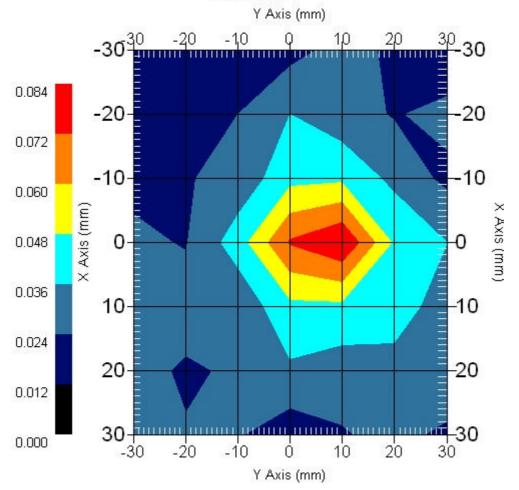
Area Scan : 7x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : High - 2462MHz

Power Drift-Start : 0.075 W/kg Power Drift-Finish: 0.072 W/kg Power Drift (%) : -4.344

Area Scan



1 gram SAR value : 0.071 W/kg 10 gram SAR value : 0.043 W/kg Area Scan Peak SAR : 0.084 W/kg Zoom Scan Peak SAR : 0.150 W/kg



2.4 2450 MHz, EUT Position: Front

Measurement Data Crest Factor : 1

Area Scan : 6x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start: 0.051 W/kg Power Drift-Finish: 0.053 W/kg Power Drift(%): 3.921

Area Scan Y Axis (mm) -1,0 0.056 -10 -10 0.049 0.042 0 X Axis (mm) X Axis (mm) 0.035 0.028 10 0.021 0.014 20 -20 0.007 30 0.000 -30 -20 -10 Ó 10 20 30 Y Axis (mm)

1 gram SAR value : 0.043 W/kg 10 gram SAR value : 0.030 W/kg Area Scan Peak SAR : 0.051 W/kg Zoom Scan Peak SAR : 0.121 W/kg



2.5 2450 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start : 0.067 W/kg Power Drift-Finish: 0.066 W/kg Power Drift (%) : -1.766

Area Scan Y Axis (mm) -20 -1,0 10 20 0.084 0.072 -10 -10 0.060 X AXIS (mm) X Axis (mm) 0 0.048 0.036 -10 10 0.024 0.012 0.000 -30 -20 -10 Ó 10 20 30 Y Axis (mm)

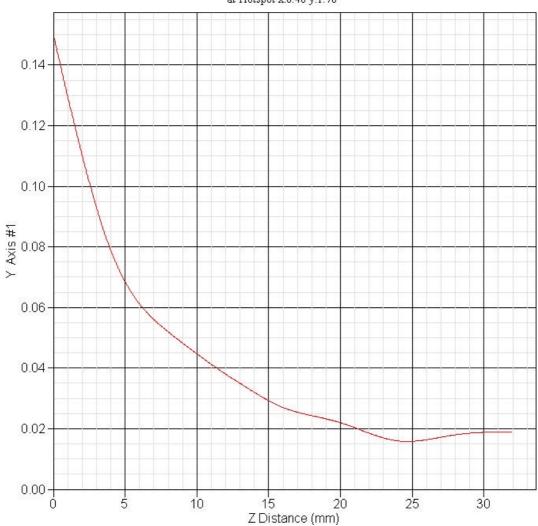
1 gram SAR value : 0.065 W/kg 10 gram SAR value : 0.039 W/kg Area Scan Peak SAR : 0.082 W/kg Zoom Scan Peak SAR : 0.152 W/kg



2.6 Z-Axis plot

Frequency: 802.11g, 2450 MHz, EUT Back

SAR-Z Axis at Hotspot x:0.40 y:1.70





3 802.11g turbo mode SAR measurement Data

SAR Test Report

Report Date : 20-Nov-2006 Measurement Date : 20-Nov-2006

Product Data
Device Name : IPN-W100CB
Type : Other
Frequency : 2437.00 MHz

Max. Transmit Pwr : 0.046 W Drift Time : 0 min(s)
Length : 8 mm
Width : 55 mm Width : 55 mm
Depth : 11 mm
Antenna Type : Internal

Phantom Data

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

Location : Center

Tissue Data

Type : BODY
Serial No. : 2450BODY
Frequency : 2450.00 MHz Last Calib. Date : 20-Nov-2006 Temperature : 22.10 °C

Ambient Temp. : 22.40 °C

Humidity : 52.00 RH%

Epsilon : 51.24 F/m

Sigma : 1.94 S/m

Density : 1000.00 kg/cu. m

Probe Data

: E-field Probe

Type : E-Field Triangle Serial No. : 266

Last Calib. Date : 22-Jun-2006 Frequency : 2450.00 MHz

Duty Cycle Factor: 1 Conversion Factor: 5.02

Probe Sensitivity: 1.20 1.20 1.20 $\mu V/\left(V/m\right)^2$

Compression Point: 95.00 mV Offset : 2.44 mm



3.1 2450 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

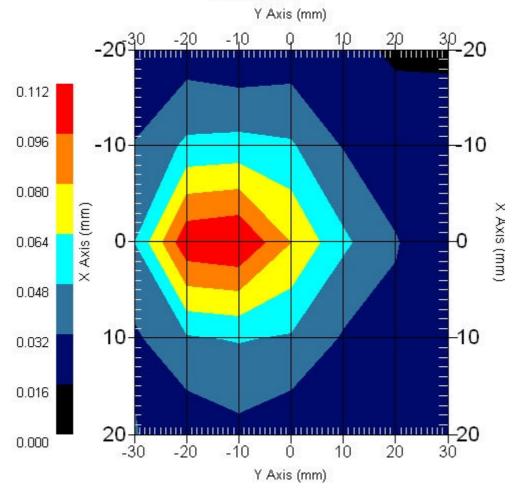
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Low - 2422MHz

Power Drift-Start: 0.086 W/kg Power Drift-Finish: 0.082 W/kg Power Drift (%): -4.788

Area Scan



1 gram SAR value : 0.094 W/kg 10 gram SAR value : 0.051 W/kg Area Scan Peak SAR : 0.112 W/kg Zoom Scan Peak SAR : 0.190 W/kg



3.2 2450 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

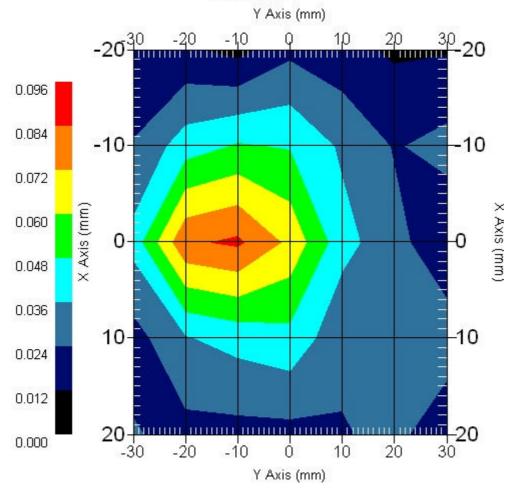
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start : 0.073 W/kg Power Drift-Finish: 0.076 W/kg Power Drift (%) : 3.080

Area Scan



1 gram SAR value : 0.082 W/kg 10 gram SAR value : 0.046 W/kg Area Scan Peak SAR : 0.086 W/kg Zoom Scan Peak SAR : 0.160 W/kg



3.3 2450 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

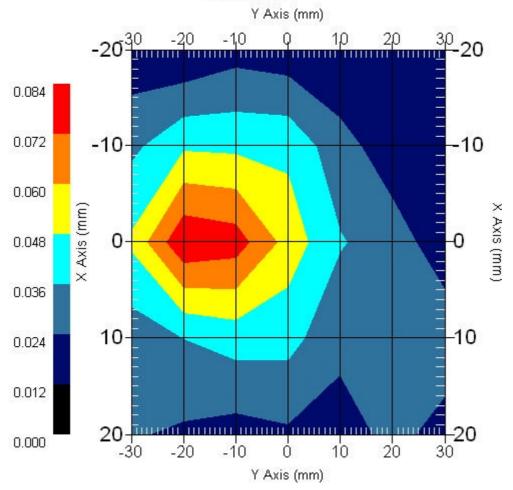
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : High - 2452MHz

Power Drift-Start : 0.064 W/kg Power Drift-Finish: 0.062 W/kg Power Drift (%) : -3.318

Area Scan



1 gram SAR value : 0.071 W/kg 10 gram SAR value : 0.042 W/kg Area Scan Peak SAR : 0.082 W/kg Zoom Scan Peak SAR : 0.130 W/kg



3.4 2450 MHz, EUT Position: Back

Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start : 0.056 W/kg Power Drift-Finish: 0.059 W/kg Power Drift (%) : 3.389

Area Scan Y Axis (mm) -20 -1,0 0.063 0.054 -10 -10 0.045 X Axis (mm) X Axis (mm) 0 0.036 0.027 -10 10 0.018 0.009 0.000 -20 -10 Ó 10 20 30 -30 Y Axis (mm)

1 gram SAR value : 0.055 W/kg 10 gram SAR value : 0.035 W/kg Area Scan Peak SAR : 0.062 W/kg Zoom Scan Peak SAR : 0.113 W/kg



3.5 2450 MHz, EUT Position: Front

Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

DUT Position : Touch

Channel : Mid - 2437MHz

Power Drift-Start: 0.061 W/kg Power Drift-Finish: 0.063 W/kg Power Drift (%) : 3.174

Area Scan Y Axis (mm) -20 -1,0 10 0.056 0.048 -10 -10 0.040 X Axis (mm) X Axis (mm) 0 0.032 0.024 -10 10 0.016 0.008 0.000 -10 10 20 -30 -20 Ó 30 Y Axis (mm)

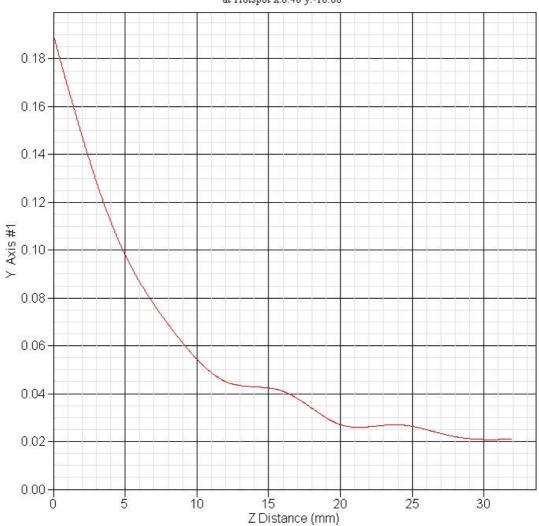
1 gram SAR value : 0.050 W/kg 10 gram SAR value : 0.032 W/kg Area Scan Peak SAR : 0.054 W/kg Zoom Scan Peak SAR : 0.080 W/kg



3.6 Z-Axis plot

Frequency: 802.11g turbo mode, 2450 MHz, EUT Top

SAR-Z Axis at Hotspot x:0.40 y:-18.00





4 802.11a SAR measurement Data

SAR Test Report

Report Date : 21-Nov-2006 Measurement Date : 21-Nov-2006

Product Data
Device Name : IPN-W100CB
Type : Other
Frequency : 5200.00 MHz

Max. Transmit Pwr : 0.046 W Drift Time : 0 min(s)
Length : 8 mm
Width : 55 mm Width : 55 mm
Depth : 11 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 5200-B-AU-18
Frequency : 5200.00 MHz Last Calib. Date : 21-Nov-2006 Temperature : 21.80 °C

Ambient Temp. : 22.00 °C

Humidity : 47.00 RH%

Epsilon : 49.210 F/m

Sigma : 5.210 S/m

Density : 1000.00 kg/cu. m

Probe Data

: E-field Probe

Type : E-Field Triangle Serial No. : 266

Last Calib. Date : 22-Jun-2006 Frequency : 5200.00 MHz

Duty Cycle Factor: 1 Conversion Factor: 4.4

Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$

Compression Point: 95.00 mV : 2.44 mm Offset



4.1 5200 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

Area Scan

DUT Position : Touch

Channel : Low - 5180MHz

Power Drift-Start : 0.213 W/kg Power Drift-Finish: 0.205 W/kg Power Drift (%) : -3.741

Y Axis (mm) -20 -1,0 10 20 0.196 -10 0.168 -10 0.140 X Axis (mm) X Axis (mm) 0 0.112 0.084 -10 10 0.056

-10

Ó

Y Axis (mm)

10

20

30

1 gram SAR value : 0.192 W/kg 10 gram SAR value : 0.110 W/kg Area Scan Peak SAR : 0.193 W/kg Zoom Scan Peak SAR : 0.410 W/kg

-30

0.028

0.000

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4.2 5200 MHz, EUT Position: Top

Measurement Data
Crest Factor : 1

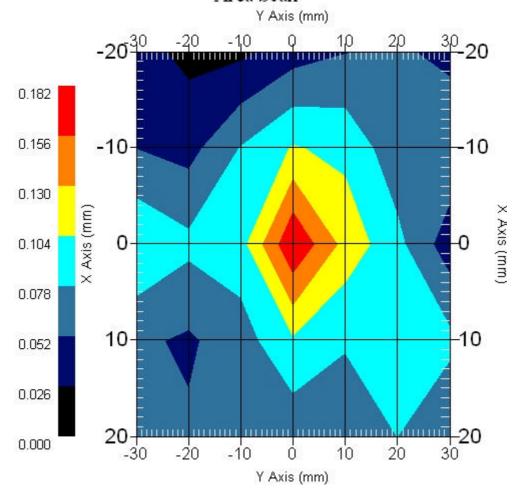
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Mid - 5200MHz

Power Drift-Start: 0.197 W/kg Power Drift-Finish: 0.200 W/kg Power Drift (%) : 2.935

Area Scan



1 gram SAR value : 0.173 W/kg 10 gram SAR value : 0.093 W/kg Area Scan Peak SAR : 0.180 W/kg Zoom Scan Peak SAR : 0.390 W/kg



4.3 5200 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : High - 5240MHz

Power Drift-Start : 0.148 W/kg Power Drift-Finish: 0.142 W/kg Power Drift (%) : -4.054

Area Scan Y Axis (mm) -20 -1,0 20 0.128 0.112 -10 -10 0.096 X AXIS (mm) X Axis (mm) 0.080 0 0.064 0.048 10 -10 0.032 0.016 0.000 -30 -20 -10 Ó 10 20 30 Y Axis (mm)

1 gram SAR value : 0.108 W/kg 10 gram SAR value : 0.069 W/kg Area Scan Peak SAR : 0.115 W/kg Zoom Scan Peak SAR : 0.210 W/kg



4.4 5200 MHz, EUT Position: Front

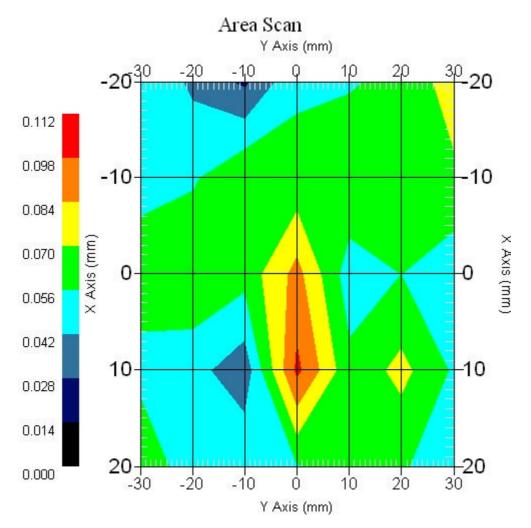
Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Mid - 5200MHz

Power Drift-Start : 0.079 W/kg Power Drift-Finish: 0.076 W/kg Power Drift (%) : -3.797



1 gram SAR value : 0.095 W/kg 10 gram SAR value : 0.056 W/kg Area Scan Peak SAR : 0.101 W/kg Zoom Scan Peak SAR : 0.198 W/kg



4.5 5200 MHz, EUT Position: Back

Measurement Data
Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Mid - 5200MHz

Power Drift-Start : 0.106 W/kg Power Drift-Finish: 0.109 W/kg Power Drift (%) : 2.752

Area Scan Y Axis (mm) -20 -1,0 0.105 0.090 -10 -10 0.075 X Axis (mm) X Axis (mm) 0 0.060 0.045 -10 10 0.030 0.015 -20 0.000 -30 -20 -10 Ó 10 20 30 Y Axis (mm)

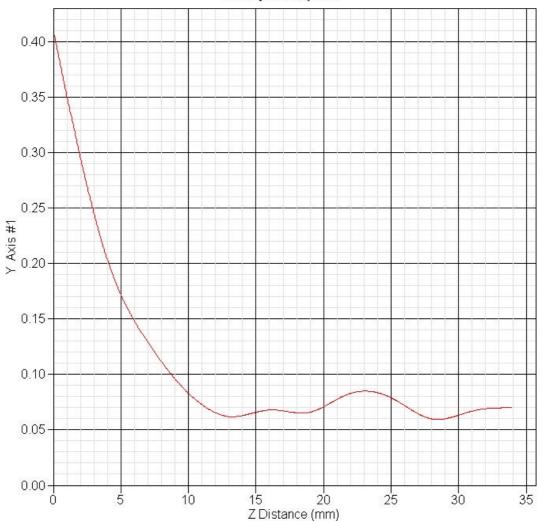
1 gram SAR value : 0.091 W/kg 10 gram SAR value : 0.059 W/kg Area Scan Peak SAR : 0.103 W/kg Zoom Scan Peak SAR : 0.193 W/kg



4.6 Z-Axis plot

Frequency: 802.11a, 5200 MHz, EUT Top

SAR-Z Axis at Hotspot x:0.30 y:-0.30





5 802.11a turbo mode SAR measurement Data

SAR Test Report

Report Date : 21-Nov-2006 Measurement Date : 21-Nov-2006

Product Data
Device Name : IPN-W100CB
Type : Other
Frequency : 5200.00 MHz

Max. Transmit Pwr : 0.046 W Drift Time : 0 min(s)
Length : 8 mm
Width : 55 mm Width : 55 mm
Depth : 11 mm
Antenna Type : Internal

Phantom Data

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

Tissue Data

Type : BODY
Serial No. : 5200-B-AU-18
Frequency : 5200.00 MHz Last Calib. Date : 21-Nov-2006 Temperature : 21.80 °C

Ambient Temp. : 22.00 °C

Humidity : 47.00 RH%

Epsilon : 49.210 F/m

Sigma : 5.210 S/m

Density : 1000.00 kg/cu. m

Probe Data

: E-field Probe

Type : E-Field Triangle Serial No. : 266

Last Calib. Date : 22-Jun-2006 Frequency : 5200.00 MHz

Duty Cycle Factor: 1 Conversion Factor: 4.4

Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$

Compression Point: 95.00 mV Offset : 2.44 mm



5.1 5200 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

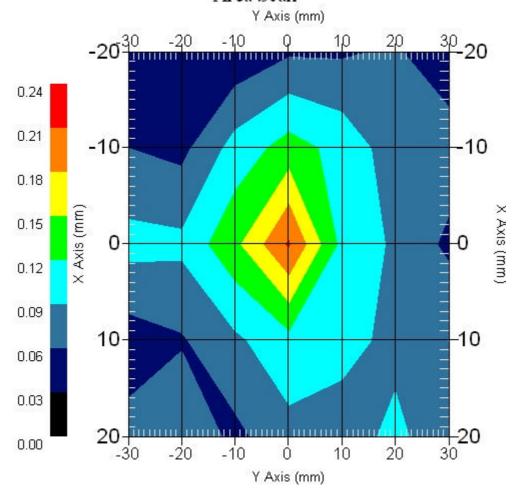
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Low - 5190MHz

Power Drift-Start : 0.238 W/kg Power Drift-Finish: 0.233 W/kg Power Drift (%) : -2.186

Area Scan



1 gram SAR value : 0.184 W/kg 10 gram SAR value : 0.101 W/kg Area Scan Peak SAR : 0.213 W/kg Zoom Scan Peak SAR : 0.420 W/kg



5.2 5200 MHz, EUT Position: Top

Measurement Data Crest Factor : 1

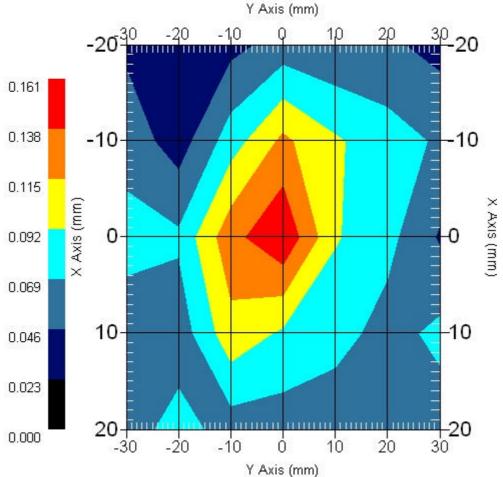
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Mid - 5200MHz

Power Drift-Start : 0.180 W/kg Power Drift-Finish: 0.183 W/kg Power Drift (%) : 1.639

Area Scan



1 gram SAR value : 0.168 W/kg 10 gram SAR value : 0.091 W/kg Area Scan Peak SAR : 0.158 W/kg Zoom Scan Peak SAR : 0.312 W/kg



5.3 5200 MHz, EUT Position: Top

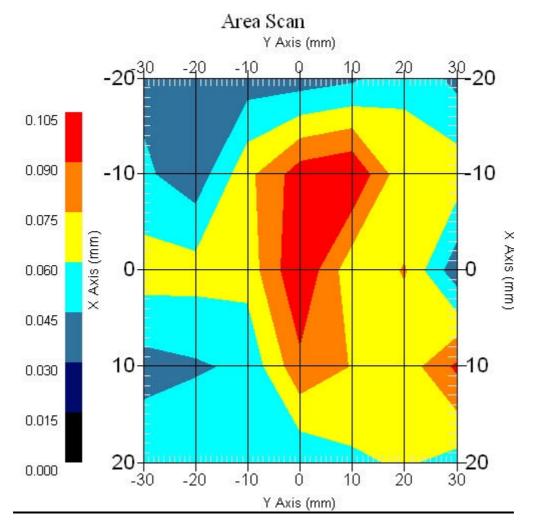
Measurement Data
Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Low - 5230MHz

Power Drift-Start : 0.168 W/kg Power Drift-Finish: 0.164 W/kg Power Drift (%) : -2.380



1 gram SAR value : 0.128 W/kg 10 gram SAR value : 0.079 W/kg Area Scan Peak SAR : 0.105 W/kg Zoom Scan Peak SAR : 0.221 W/kg



5.4 5200 MHz, EUT Position: Front

Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Mid - 5200MHz

Power Drift-Start: 0.093 W/kg Power Drift-Finish: 0.091 W/kg Power Drift (%) : -2.197

Area Scan Y Axis (mm) -20 -1,0 10 20 Q 0.112 0.098 -10 -10 0.084 X Axis (mm) X Axis (mm) 0.070 0 0.056 0.042 10 -10 0.028 0.014 0.000 -20 d 10 -30 -10 20 30 Y Axis (mm)

1 gram SAR value : 0.097 W/kg 10 gram SAR value : 0.064 W/kg Area Scan Peak SAR : 0.100 W/kg Zoom Scan Peak SAR : 0.190 W/kg



5.5 5200 MHz, EUT Position: Back

Measurement Data Crest Factor : 1

Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 9x9x13 : Measurement x=4mm, y=4mm, z=2.5mm

DUT Position : Touch

Channel : Mid - 5200MHz

Power Drift-Start : 0.096 W/kg Power Drift-Finish: 0.094 W/kg Power Drift (%) : -2.083

Area Scan Y Axis (mm) -20 -1,0 20 10 0.091 -10 0.078 -10 0.065 X Axis (mm) X Axis (mm) 0 0.052 0.039 10 -10 0.026 0.013 0.000 10 Ó 30 -30 -20 -10 20 Y Axis (mm)

1 gram SAR value : 0.117 W/kg 10 gram SAR value : 0.068 W/kg Area Scan Peak SAR : 0.091 W/kg Zoom Scan Peak SAR : 0.181 W/kg



5.6 Z-Axis plot

Frequency: 802.11a turbo mode, 5200MHz, EUT Top

SAR-Z Axis at Hotspot x:0.30 y:-0.30

