

Appendix D: SAR Measurement Data

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
1	Wifi	802.11b	EUT Top	0.5	1	0.245
2	Wifi	802.11b	EUT Back	0.5	1	0.001
3	Wifi	802.11b	Edge of left	0.5	1	0.007
4	Wifi	802.11b	Edge of right	0.5	1	0.001
5	Wifi	802.11b	EUT Up	0.5	1	0.001
6	Wifi	802.11b	EUT Bottom	0.5	1	0.001
7	Wifi	802.11b	EUT Top	0.5	7	0.172
8	Wifi	802.11 b	EUT Top	0.5	11	0.028
9	Wifi	802.11g	EUT Top	0.5	1	0.040
10	Wifi	802.11n 20	EUT Top	0.5	1	0.038
11	Wifi	802.11n 40	EUT Top	0.5	1	0.022

Data No. 1:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 09:57:46 AM
End Time : 07-Sep-2012 10:13:03 AM
Scanning Time : 917 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : NA
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 80 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.199 W/kg
Power Drift-Finish: 0.187 W/kg
Power Drift (%) : -6.139
Picture : C:\alsas\bitmap\Device-1.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

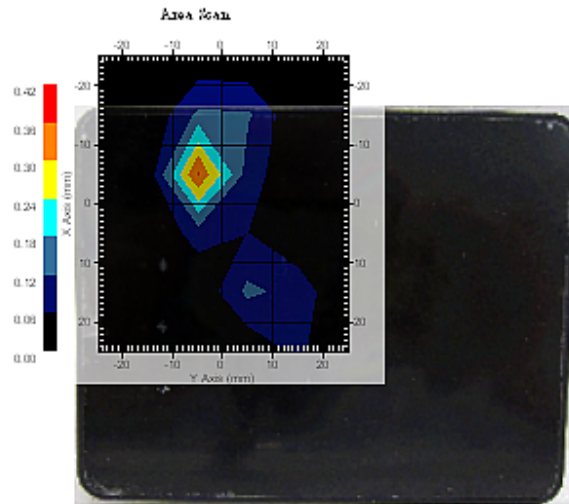
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.245 W/kg
10 gram SAR value : 0.067 W/kg
Area Scan Peak SAR : 0.361 W/kg
Zoom Scan Peak SAR : 0.800 W/kg

Data No. 2:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 10:16:37 AM
End Time : 07-Sep-2012 10:32:07 AM
Scanning Time : 930 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 80 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-back.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

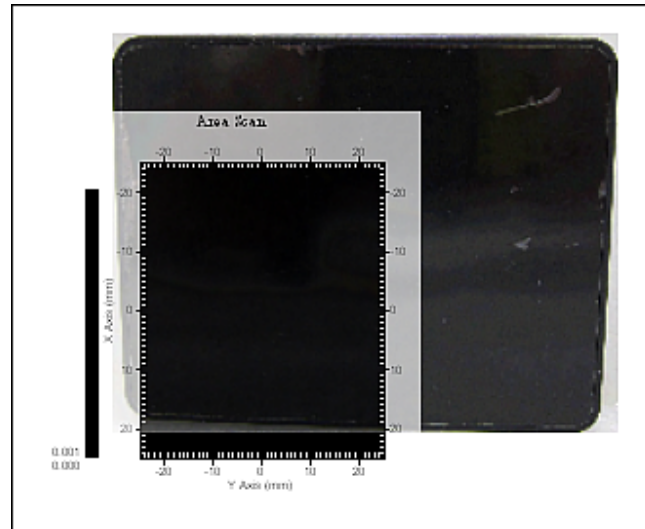
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.001 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

Data No. 3:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 11:28:30 AM
End Time : 07-Sep-2012 11:42:54 AM
Scanning Time : 864 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 15 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-left.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

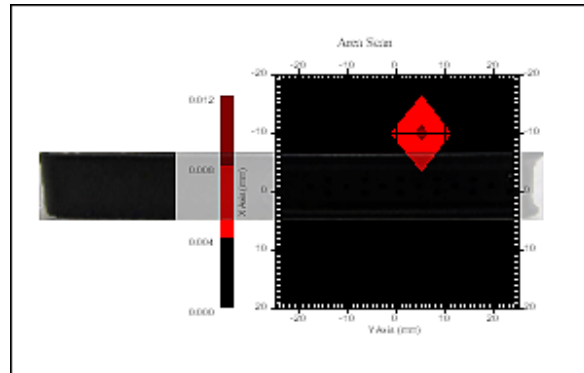
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.007 W/kg
10 gram SAR value : 0.002 W/kg
Area Scan Peak SAR : 0.009 W/kg
Zoom Scan Peak SAR : 0.030 W/kg

Data No. 4:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 11:11:45 AM
End Time : 07-Sep-2012 11:26:17 AM
Scanning Time : 872 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 15 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-right.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

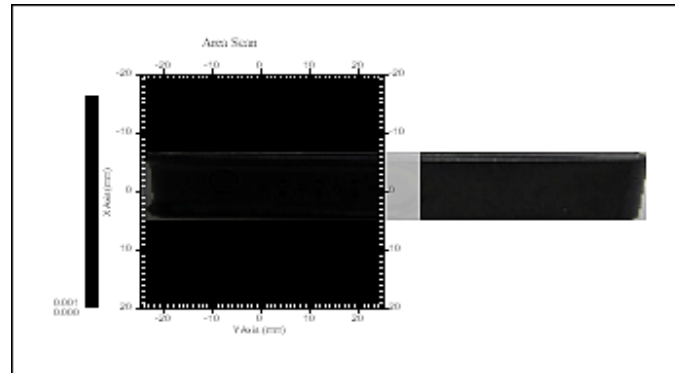
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.001 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

Data No. 5:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 10:53:07 AM
End Time : 07-Sep-2012 11:07:46 AM
Scanning Time : 879 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 15 mm
Width : 80 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-up.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

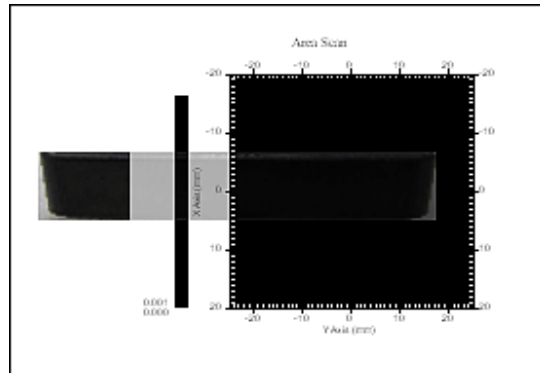
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.001 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

Data No. 6:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 10:36:13 AM
End Time : 07-Sep-2012 10:50:44 AM
Scanning Time : 871 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 15 mm
Width : 80 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-bottom.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

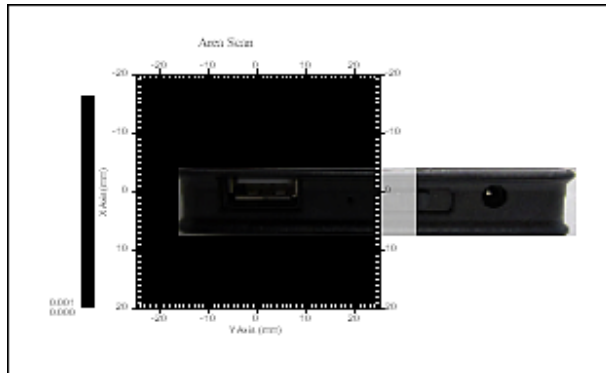
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.001 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

Data No. 7:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 01:51:07 PM
End Time : 07-Sep-2012 02:06:37 PM
Scanning Time : 930 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 80 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.182 W/kg
Power Drift-Finish: 0.096 W/kg
Power Drift (%) : -47.346
Picture : C:\alsas\bitmap\Device-1.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

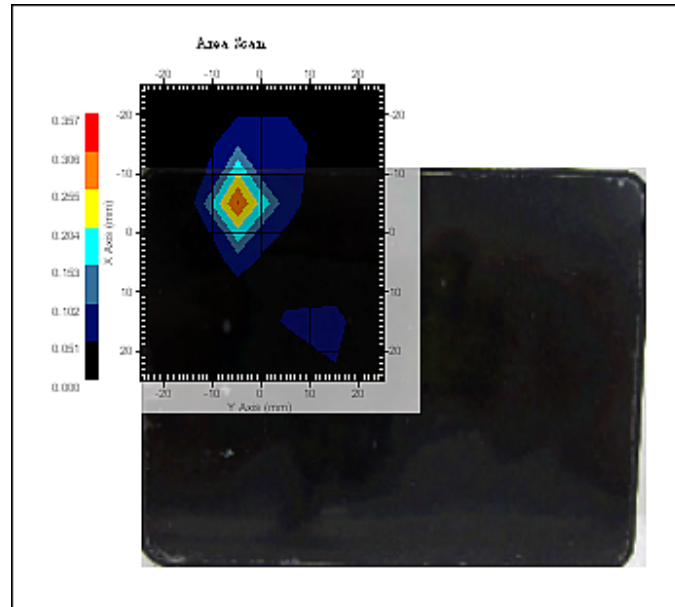
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Mid



1 gram SAR value : 0.172 W/kg
10 gram SAR value : 0.043 W/kg
Area Scan Peak SAR : 0.307 W/kg
Zoom Scan Peak SAR : 0.590 W/kg

Data No. 8:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 04:58:43 PM
End Time : 07-Sep-2012 05:14:06 PM
Scanning Time : 923 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 80 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.013 W/kg
Power Drift-Finish: 0.002 W/kg
Power Drift (%) : -83.485
Picture : C:\alsas\bitmap\Device-1.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

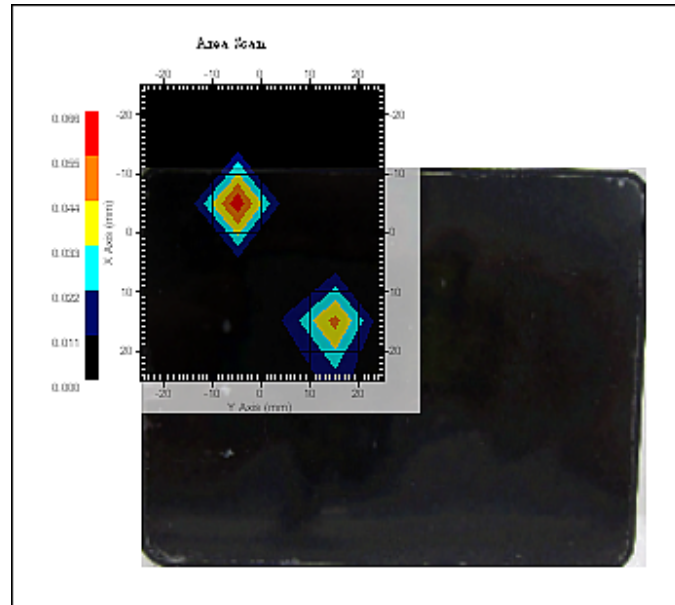
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 12-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : High



1 gram SAR value : 0.028 W/kg
10 gram SAR value : 0.007 W/kg
Area Scan Peak SAR : 0.064 W/kg
Zoom Scan Peak SAR : 0.130 W/kg

Data No. 9:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 02:53:05 PM
End Time : 07-Sep-2012 03:08:36 PM
Scanning Time : 931 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 80 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-1.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

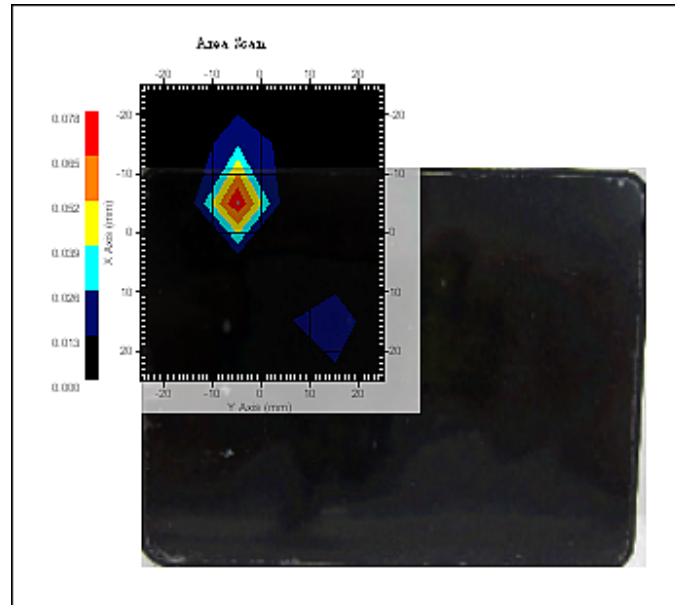
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.040 W/kg
10 gram SAR value : 0.010 W/kg
Area Scan Peak SAR : 0.078 W/kg
Zoom Scan Peak SAR : 0.180 W/kg

Data No. 10:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 03:13:23 PM
End Time : 07-Sep-2012 03:28:47 PM
Scanning Time : 924 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 80 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.004 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : -76.102
Picture : C:\alsas\bitmap\Device-1.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

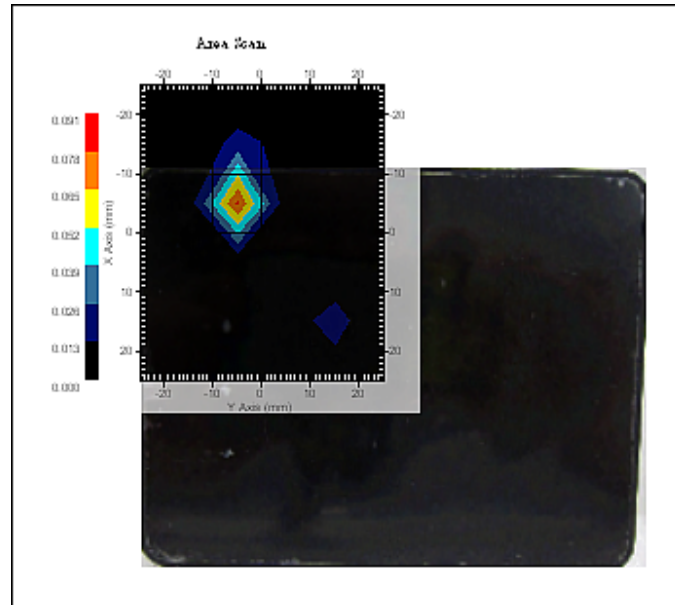
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.038 W/kg
10 gram SAR value : 0.009 W/kg
Area Scan Peak SAR : 0.079 W/kg
Zoom Scan Peak SAR : 0.170 W/kg

Data No. 11:

Report Date : 07-Sep-2012
By Operator : 123
Measurement Date : 07-Sep-2012
Starting Time : 07-Sep-2012 03:50:45 PM
End Time : 07-Sep-2012 04:06:13 PM
Scanning Time : 928 secs

Product Data

Device Name : 12LR145
Serial No. : NA
Type : Other
Model : WI22
Frequency : 2450.00 MHz
Max. Transmit Pwr : 1 W
Drift Time : 0 min(s)
Length : 80 mm
Width : 101 mm
Depth : 15 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.004 W/kg
Power Drift-Finish: 0.006 W/kg
Power Drift (%) : 35.683
Picture : C:\alsas\bitmap\Device-1.bmp

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data

Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 07-Sep-2012
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon : 53.85 F/m
Sigma : 1.91 S/m
Density : 1000.00 kg/cu. m

Probe Data

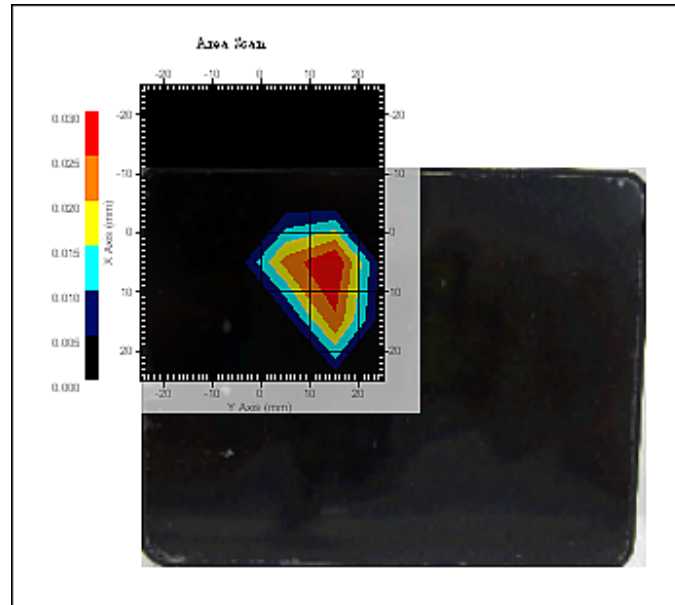
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
Separation : 0
Channel : Low



1 gram SAR value : 0.022 W/kg
10 gram SAR value : 0.007 W/kg
Area Scan Peak SAR : 0.030 W/kg
Zoom Scan Peak SAR : 0.080 W/kg

SAR-Z Axis

at Hotspot x:-4.89 y:-5.13

