

Appendix D: SAR Measurement Data

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
1	2.4GHz	ZigBee	Vertical-Back Ant 90	0.5	1	0.001
2	2.4GHz	ZigBee	Vertical-Back Ant 180	0.5	1	0.001
3	2.4GHz	ZigBee	Vertical-Front Ant 90	0.5	1	0.001
4	2.4GHz	ZigBee	Vertical-Front Ant 180	0.5	1	0.001
5	2.4GHz	ZigBee	Horizontal-Down Ant 90	0.5	1	0.001
6	2.4GHz	ZigBee	Horizontal-Down Ant 180	0.5	1	0.001
7	2.4GHz	ZigBee	Horizontal-Up Ant 90	0.5	1	0.962
8	2.4GHz	ZigBee	Horizontal-Up Ant 180	0.5	1	0.982
9	2.4GHz	ZigBee	Edge of Bottom	0.5	1	0.001
10	2.4GHz	ZigBee	Horizontal-Up Ant 180	0.5	9	0.723
11	2.4GHz	ZigBee	Horizontal-Up Ant 180	0.5	16	0.456

Data No. 1:

Report Date : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 09:37:47 AM
End Time : 29-Apr-2013 09:57:41 AM
Scanning Time : 1194 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 60 mm
Width : 35 mm
Depth : 120 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-2.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

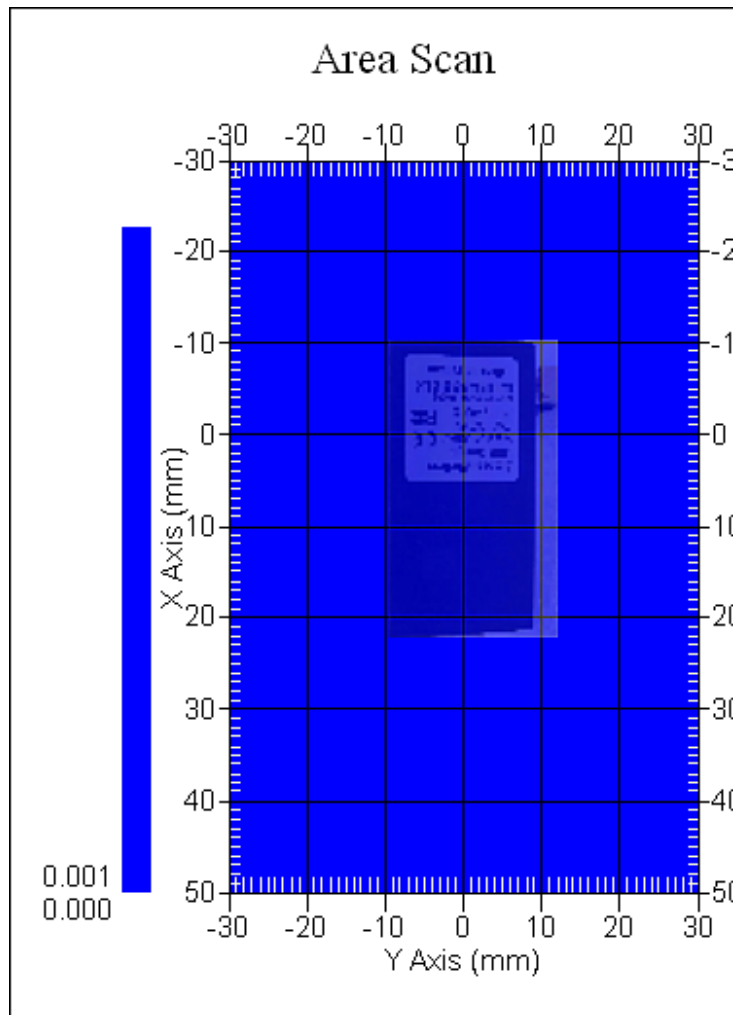
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 9x7x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 33.130, Y = 12.900
 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

Maxima Summary:
 Maxima #1
 Maxima coordinates: X = 33.130, Y = 12.900
 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. 2:

Report Date : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 10:14:52 AM
End Time : 29-Apr-2013 10:35:54 AM
Scanning Time : 1262 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 120 mm
Width : 48 mm
Depth : 33 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-3.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

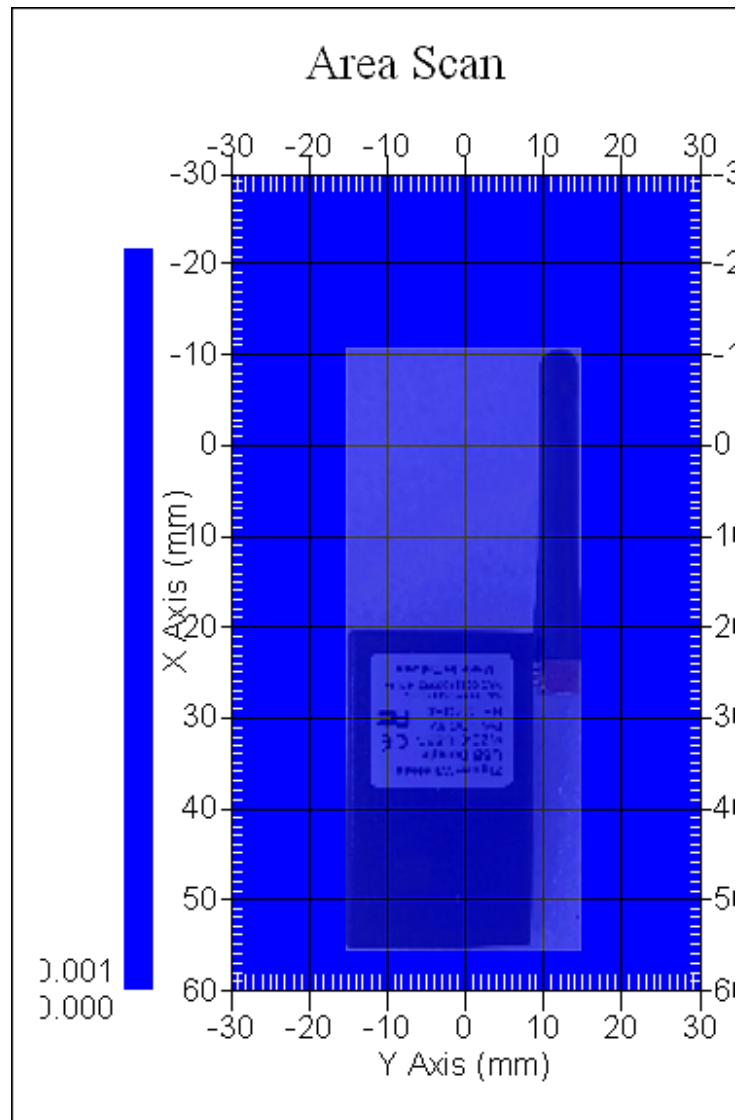
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 10x7x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 43.080, Y = 12.900
 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

Maxima Summary:
 Maxima #1
 Maxima coordinates: X = 43.080, Y = 12.900
 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 : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 11:23:46 AM
End Time : 29-Apr-2013 11:37:25 AM
Scanning Time : 819 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 48 mm
Width : 63 mm
Depth : 33 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-5.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

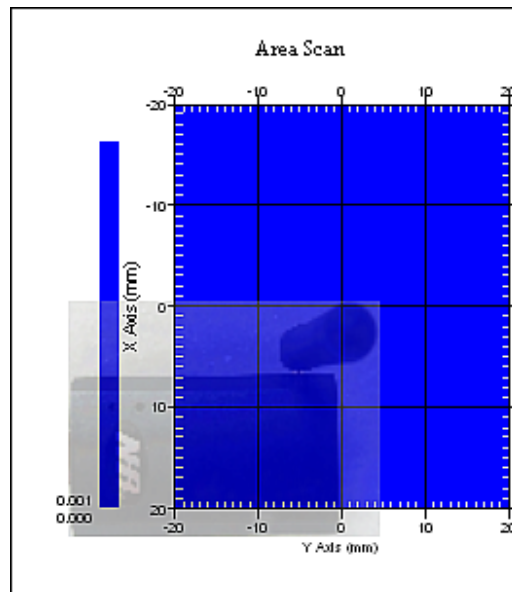
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 5x5x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 3.080, Y = 2.900
 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

Maxima Summary:
 Maxima #1
 Maxima coordinates: X = 3.080, Y = 2.900
 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. 4:

Report Date : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 11:48:27 AM
End Time : 29-Apr-2013 12:14:07 PM
Scanning Time : 1540 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 45 mm
Width : 120 mm
Depth : 33 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-6.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

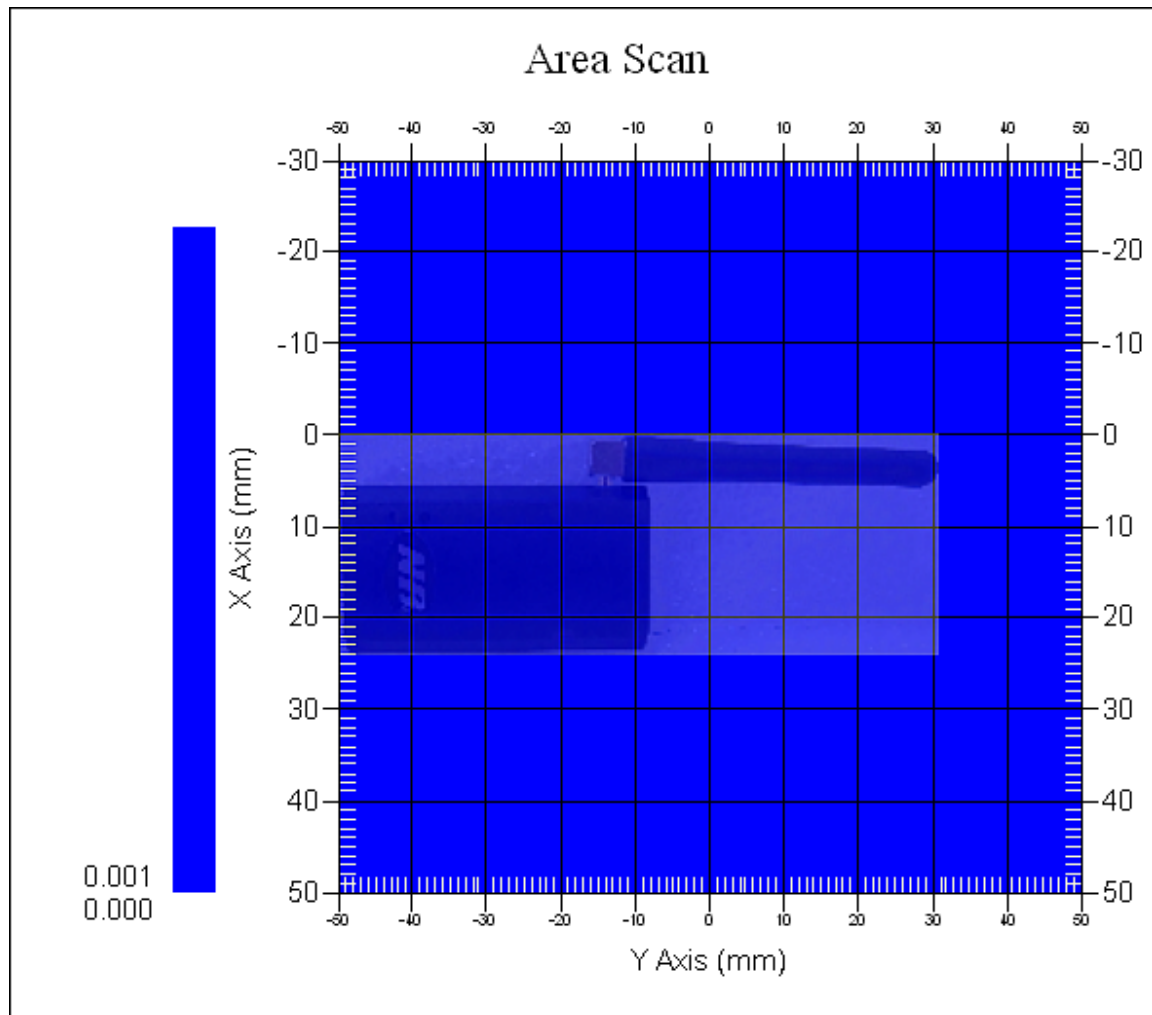
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 9x11x1 : 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



The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 33.030, Y = 32.900
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

Maxima Summary:
Maxima #1
Maxima coordinates: X = 33.030, Y = 32.900
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 : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 02:56:06 PM
End Time : 29-Apr-2013 03:22:03 PM
Scanning Time : 1557 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 75 mm
Width : 60 mm
Depth : 33 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-10.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

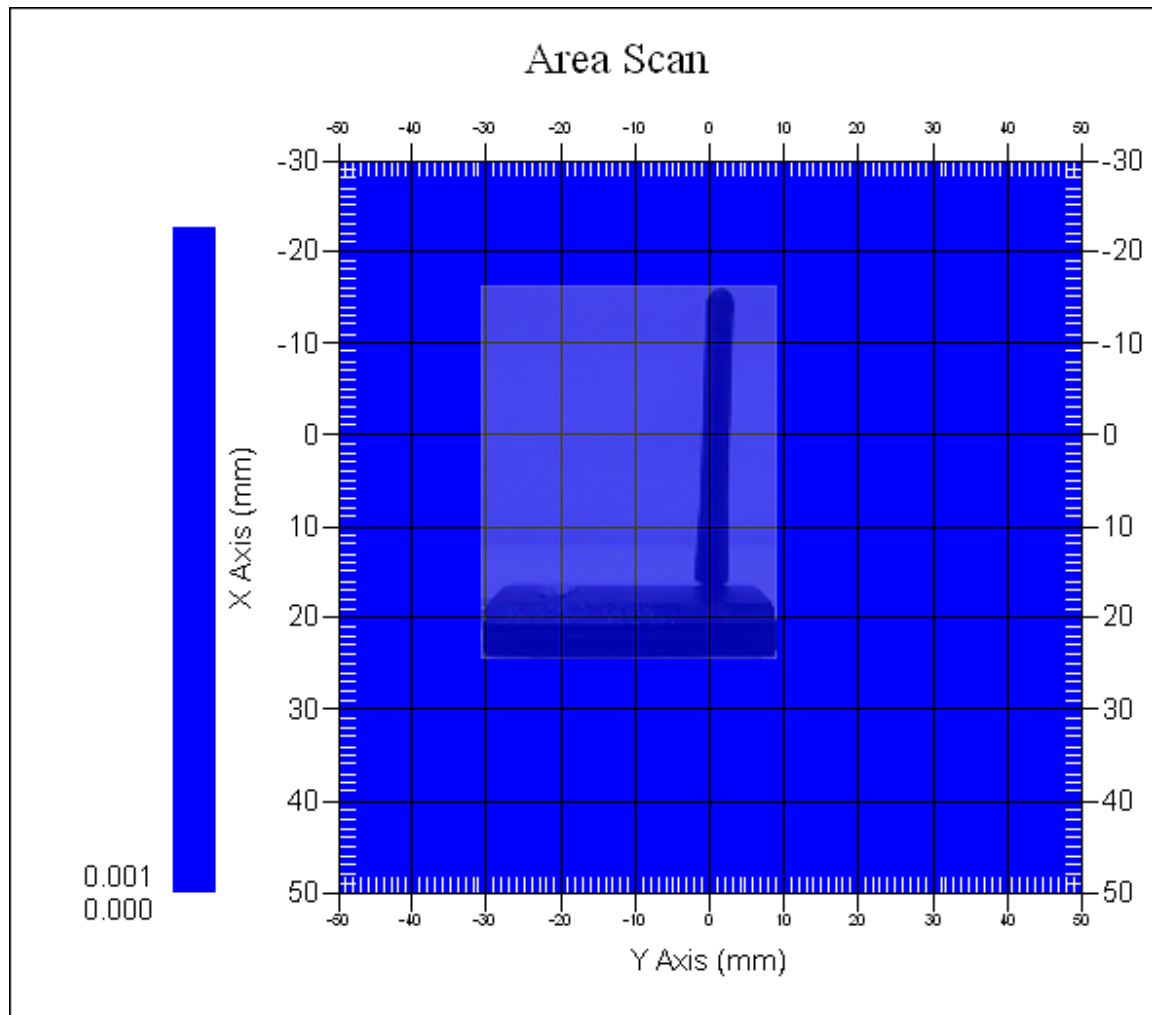
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 9x11x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 33.100, Y = 32.900
 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

Maxima Summary:
 Maxima #1
 Maxima coordinates: X = 33.100, Y = 32.900
 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 : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 02:32:03 PM
End Time : 29-Apr-2013 02:52:22 PM
Scanning Time : 1219 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 15 mm
Width : 120 mm
Depth : 33 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-9.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

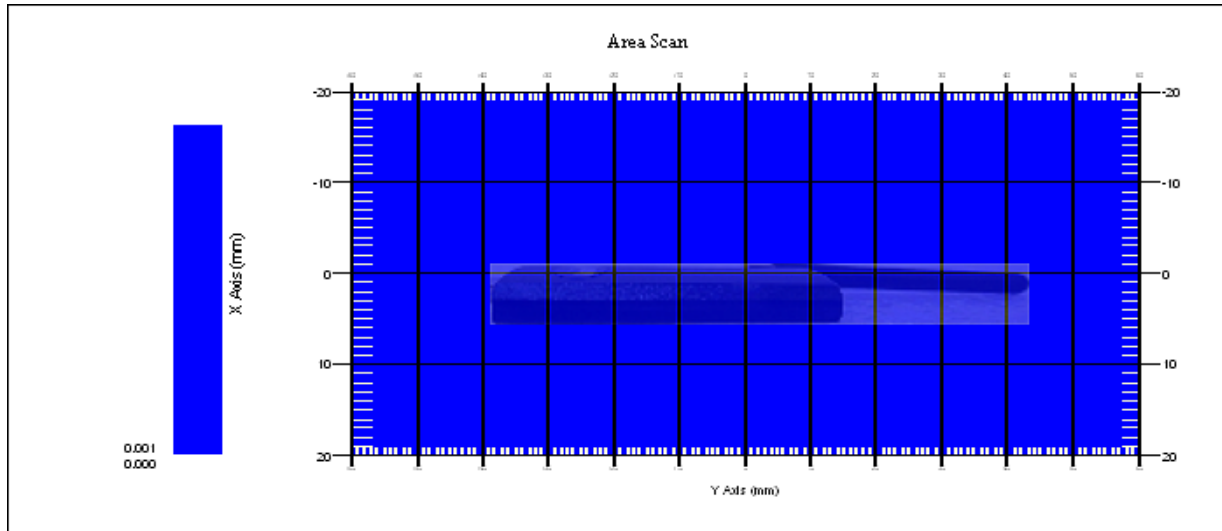
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 5x13x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 3.100, Y = 42.900
 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

Maxima Summary:

Maxima #1

Maxima coordinates: X = 3.100, Y = 42.900

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 : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 02:01:00 PM
End Time : 29-Apr-2013 02:23:26 PM
Scanning Time : 1346 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 75 mm
Width : 60 mm
Depth : 33 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.450 W/kg
Power Drift-Finish: 0.462 W/kg
Power Drift (%) : 2.609
Picture : C:\alsas\bitmap\Device-8.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

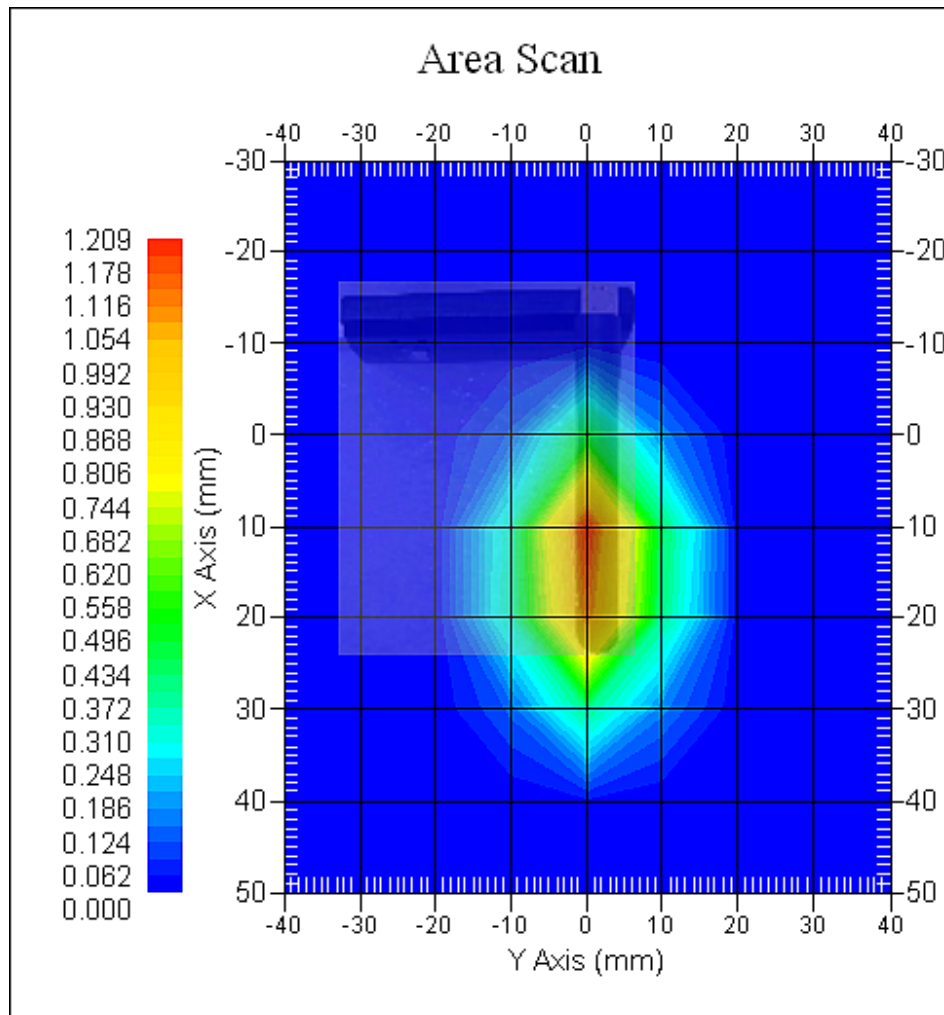
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 9x9x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 10.080, Y = 0.000
 1 gram SAR value : 0.962 W/kg
 10 gram SAR value : 0.350 W/kg
 Area Scan Peak SAR : 1.209 W/kg
 Zoom Scan Peak SAR : 2.311 W/kg

Maxima Summary:
 Maxima #1
 Maxima coordinates: X = 10.080, Y = 0.000
 1 gram SAR value : 0.962 W/kg
 10 gram SAR value : 0.350 W/kg
 Area Scan Peak SAR : 1.209 W/kg
 Zoom Scan Peak SAR : 2.311 W/kg

Data No. 8:

Report Date : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 01:32:23 PM
End Time : 29-Apr-2013 01:50:37 PM
Scanning Time : 1094 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 15 mm
Width : 120 mm
Depth : 33 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.103 W/kg
Power Drift-Finish: 0.108 W/kg
Power Drift (%) : 4.511
Picture : C:\alsas\bitmap\Device-7.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

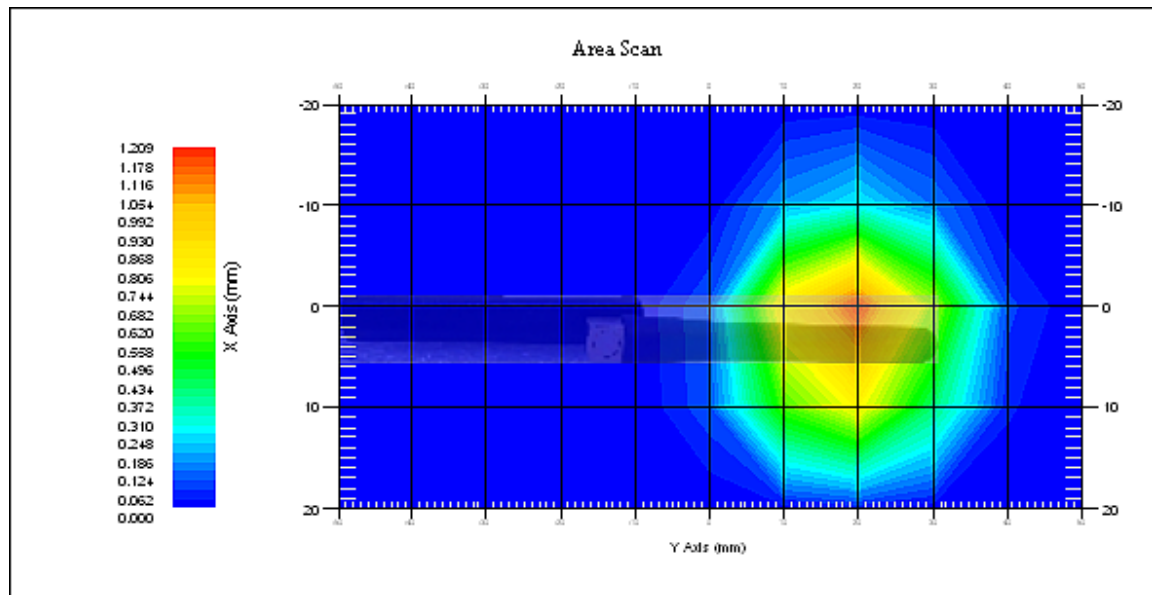
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 5x11x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 0.040, Y = 19.900
 1 gram SAR value : 0.982 W/kg
 10 gram SAR value : 0.383 W/kg
 Area Scan Peak SAR : 1.184 W/kg
 Zoom Scan Peak SAR : 2.201 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = 0.040, Y = 19.900

1 gram SAR value : 0.982 W/kg

10 gram SAR value : 0.383 W/kg

Area Scan Peak SAR : 1.184 W/kg

Zoom Scan Peak SAR : 2.201 W/kg

Data No. 9:

Report Date : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 10:53:56 AM
End Time : 29-Apr-2013 11:14:59 AM
Scanning Time : 1263 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 75 mm
Width : 48 mm
Depth : 33 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-4.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

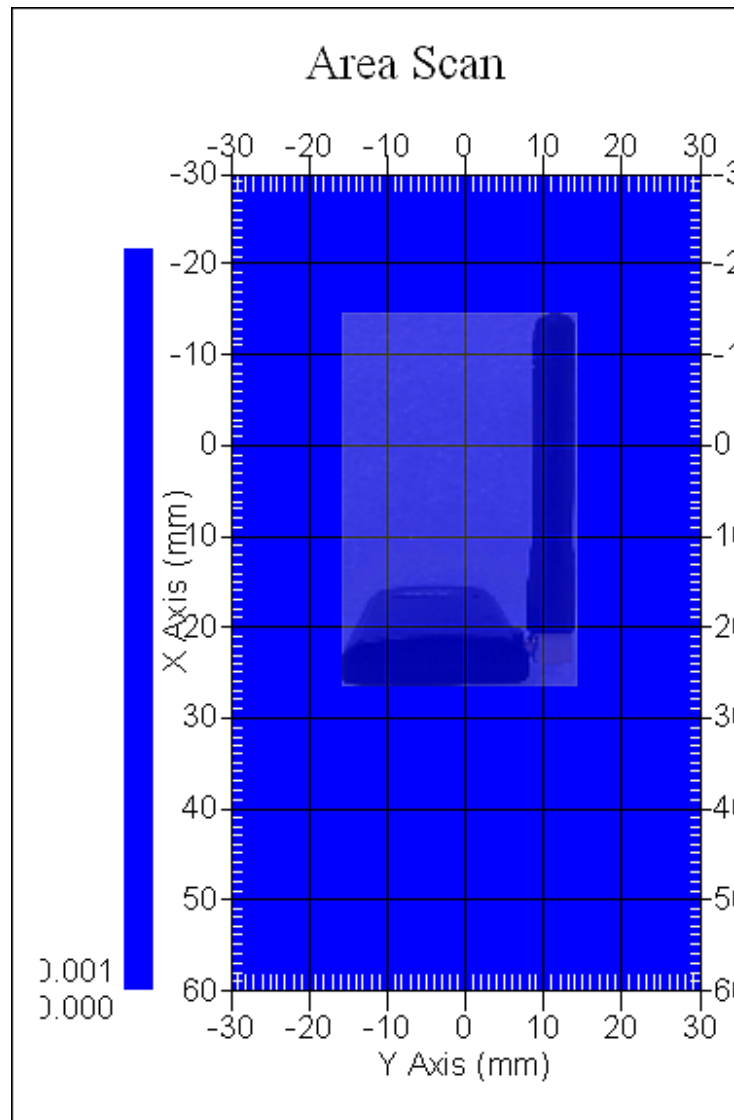
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 10x7x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 43.080, Y = 12.900
 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

Maxima Summary:
 Maxima #1
 Maxima coordinates: X = 43.080, Y = 12.900
 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. 10:

Report Date : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 03:38:10 PM
End Time : 29-Apr-2013 03:56:32 PM
Scanning Time : 1102 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 15 mm
Width : 120 mm
Depth : 33 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.023 W/kg
Power Drift-Finish: 0.024 W/kg
Power Drift (%) : 3.693
Picture : C:\alsas\bitmap\Device-2.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

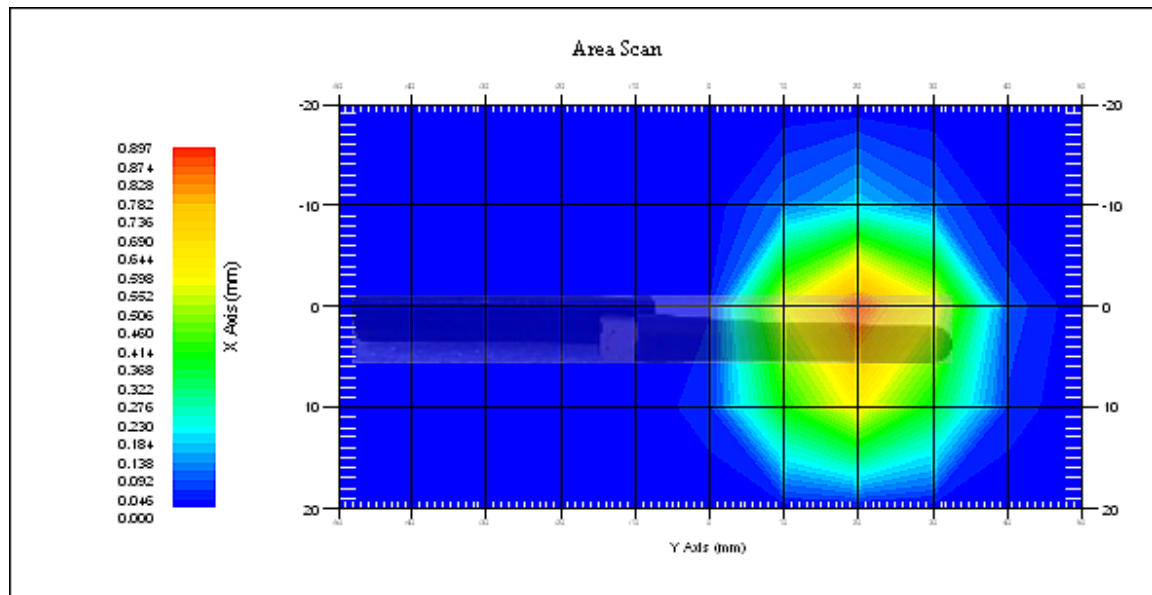
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 5x11x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 0.050, Y = 19.900
 1 gram SAR value : 0.723 W/kg
 10 gram SAR value : 0.270 W/kg
 Area Scan Peak SAR : 0.883 W/kg
 Zoom Scan Peak SAR : 1.681 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = 0.050, Y = 19.900

1 gram SAR value : 0.723 W/kg

10 gram SAR value : 0.270 W/kg

Area Scan Peak SAR : 0.883 W/kg

Zoom Scan Peak SAR : 1.681 W/kg

Data No. 11:

Report Date : 29-Apr-2013
By Operator : 123
Measurement Date : 29-Apr-2013
Starting Time : 29-Apr-2013 04:23:34 PM
End Time : 29-Apr-2013 04:41:59 PM
Scanning Time : 1105 secs
Product Data
Device Name : 13LR066
Serial No. : NA
Type : Other
Model : WZB-01USB
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 1 min(s)
Length : 15 mm
Width : 120 mm
Depth : 33 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.068 W/kg
Power Drift-Finish: 0.062 W/kg
Power Drift (%) : -8.310
Picture : C:\alsas\bitmap\Device-2.bmp

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

Tissue Data
Type : BODY
Serial No. : 2450B
Frequency : 2450.00 MHz
Last Calib. Date : 29-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.67
Sigma : 2.02 S/m
Density : 1000.00 kg/cu. m

Probe Data

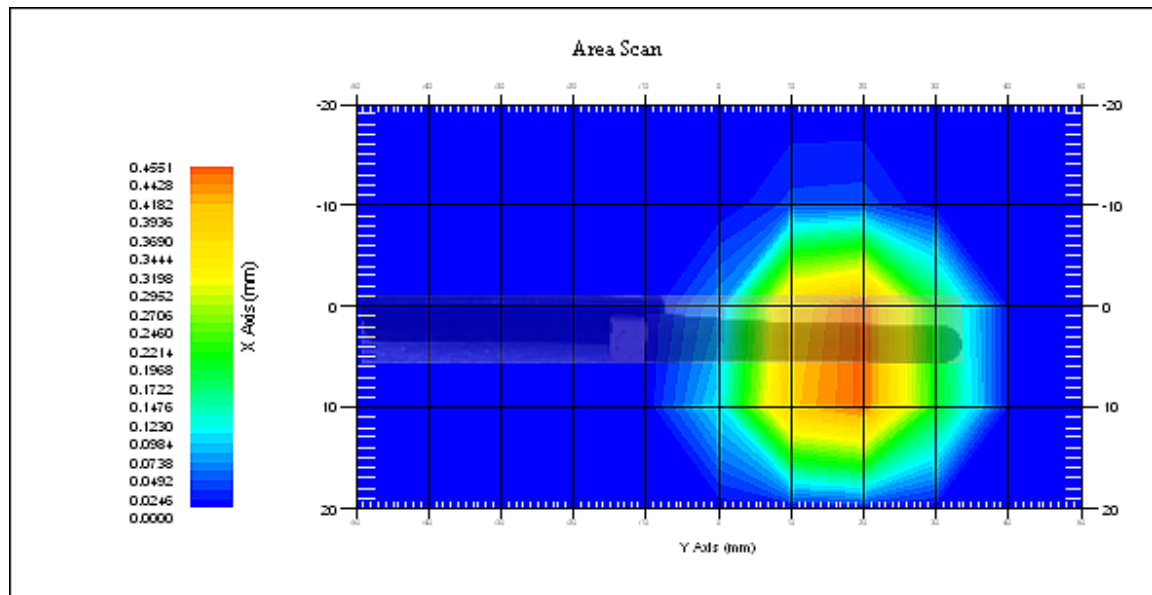
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 29-Apr-2013
Set-up Time : 9:32:19 AM
Area Scan : 5x11x1 : 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



The system detected 1 maxima.
 Selected highest maxima # = 1.
 Maxima #1 coordinates: X = 2.120, Y = 19.900
 1 gram SAR value : 0.456 W/kg
 10 gram SAR value : 0.160 W/kg
 Area Scan Peak SAR : 0.451 W/kg
 Zoom Scan Peak SAR : 1.090 W/kg

Maxima Summary:
 Maxima #1
 Maxima coordinates: X = 2.120, Y = 19.900
 1 gram SAR value : 0.456 W/kg
 10 gram SAR value : 0.160 W/kg
 Area Scan Peak SAR : 0.451 W/kg
 Zoom Scan Peak SAR : 1.090 W/kg

Data no.8 Worst data

SAR-Z Axis

at Hotspot x:0.04 y:19.93

