

Appendix D: SAR Measurement Data

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
1	Wifi	802.11b	EUT Bottom	0	11	0.094
2	Wifi	802.11b	EUT Edge of Bottom	0	11	0.001
3	Wifi	802.11b	EUT Edge of Top	0	11	0.059
4	Wifi	802.11b	EUT Edge of Left	0	11	0.017
5	Wifi	802.11b	EUT Edge of Right	0	11	0.453
6	Wifi	802.11b	EUT Edge of Right	0	1	0.267
7	Wifi	802.11b	EUT Edge of Right	0	6	0.383
8	Wifi	802.11n 20	EUT Edge of Right	0	1	0.185
9	Wifi	802.11n 20	EUT Edge of Right	0	6	0.244
10	Wifi	802.11n 20	EUT Edge of Right	0	11	0.310

Data No. 1:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 03:56:36 PM
End Time : 18-Apr-2013 03:16:12 PM
Scanning Time : -2424 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 65 mm
Width : 165 mm
Depth : 45 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.034 W/kg
Power Drift-Finish: 0.036 W/kg
Power Drift (%) : 5.724
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

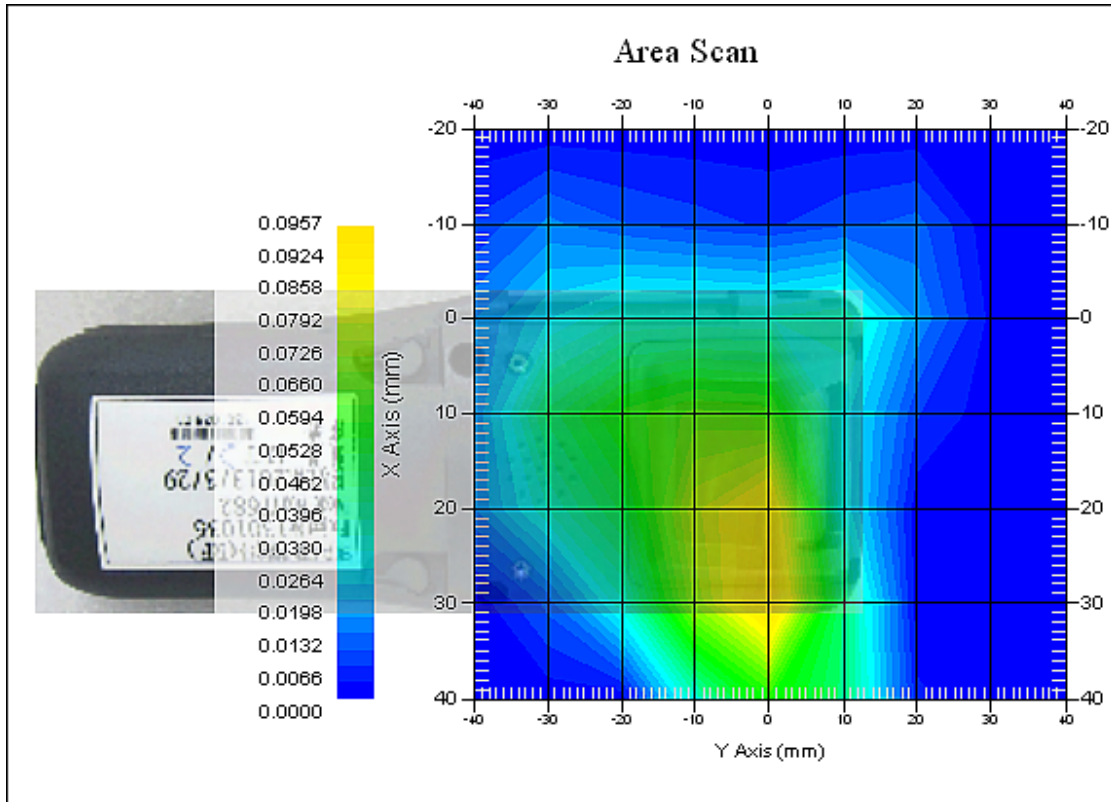
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 12:21:27 PM
Area Scan : 7x9x1 : 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 = 22.060, Y = 0.000
 1 gram SAR value : 0.094 W/kg
 10 gram SAR value : 0.037 W/kg
 Area Scan Peak SAR : 0.094 W/kg
 Zoom Scan Peak SAR : 0.230 W/kg

Maxima Summary:

Maxima #1
 Maxima coordinates: X = 22.060, Y = 0.000
 1 gram SAR value : 0.094 W/kg
 10 gram SAR value : 0.037 W/kg
 Area Scan Peak SAR : 0.094 W/kg
 Zoom Scan Peak SAR : 0.230 W/kg



Data No. 2:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 02:37:34 PM
End Time : 18-Apr-2013 02:52:01 PM
Scanning Time : 867 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 30 mm
Width : 65 mm
Depth : 165 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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

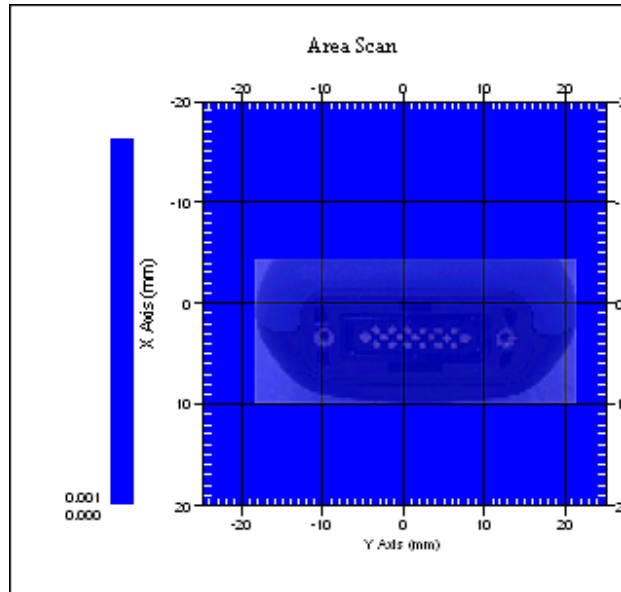
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 12:21:27 PM
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 : High



The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 3.050, Y = 7.900
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 = 3.050, Y = 7.900
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 : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 03:08:18 PM
End Time : 18-Apr-2013 03:25:38 PM
Scanning Time : 1040 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 65 mm
Depth : 165 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.021 W/kg
Power Drift-Finish: 0.020 W/kg
Power Drift (%) : -5.238
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

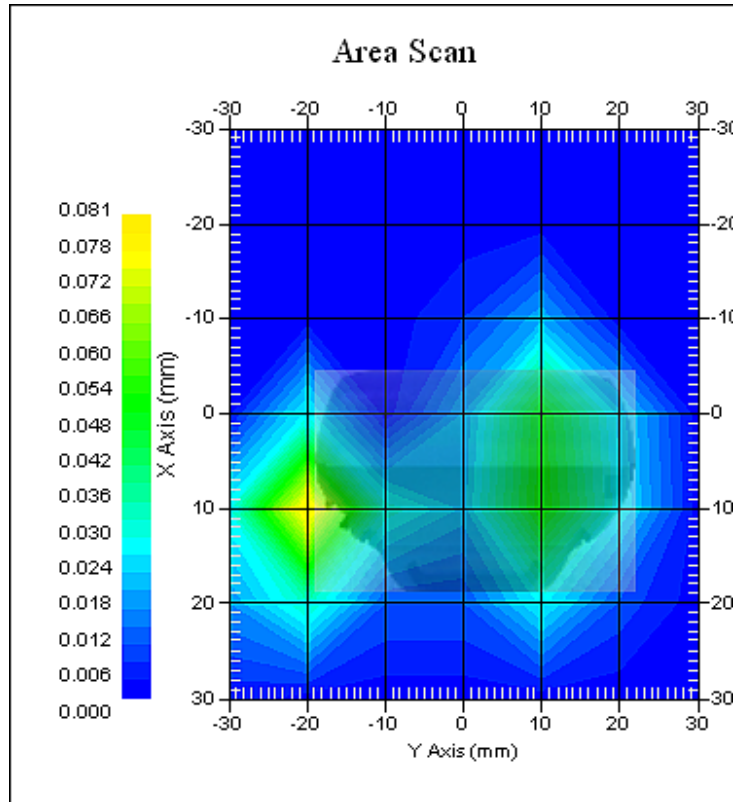
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 12:21:27 PM
Area Scan : 7x7x1 : 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 = 10.080, Y = -20.000
1 gram SAR value : 0.059 W/kg
10 gram SAR value : 0.019 W/kg
Area Scan Peak SAR : 0.079 W/kg
Zoom Scan Peak SAR : 0.160 W/kg

Maxima Summary:
Maxima #1
Maxima coordinates: X = 10.080, Y = -20.000
1 gram SAR value : 0.059 W/kg
10 gram SAR value : 0.019 W/kg
Area Scan Peak SAR : 0.079 W/kg
Zoom Scan Peak SAR : 0.160 W/kg



Data No. 4:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 03:27:27 PM
End Time : 18-Apr-2013 03:47:09 PM
Scanning Time : 1182 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 165 mm
Depth : 65 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.010 W/kg
Power Drift-Finish: 0.010 W/kg
Power Drift (%) : -5.366
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

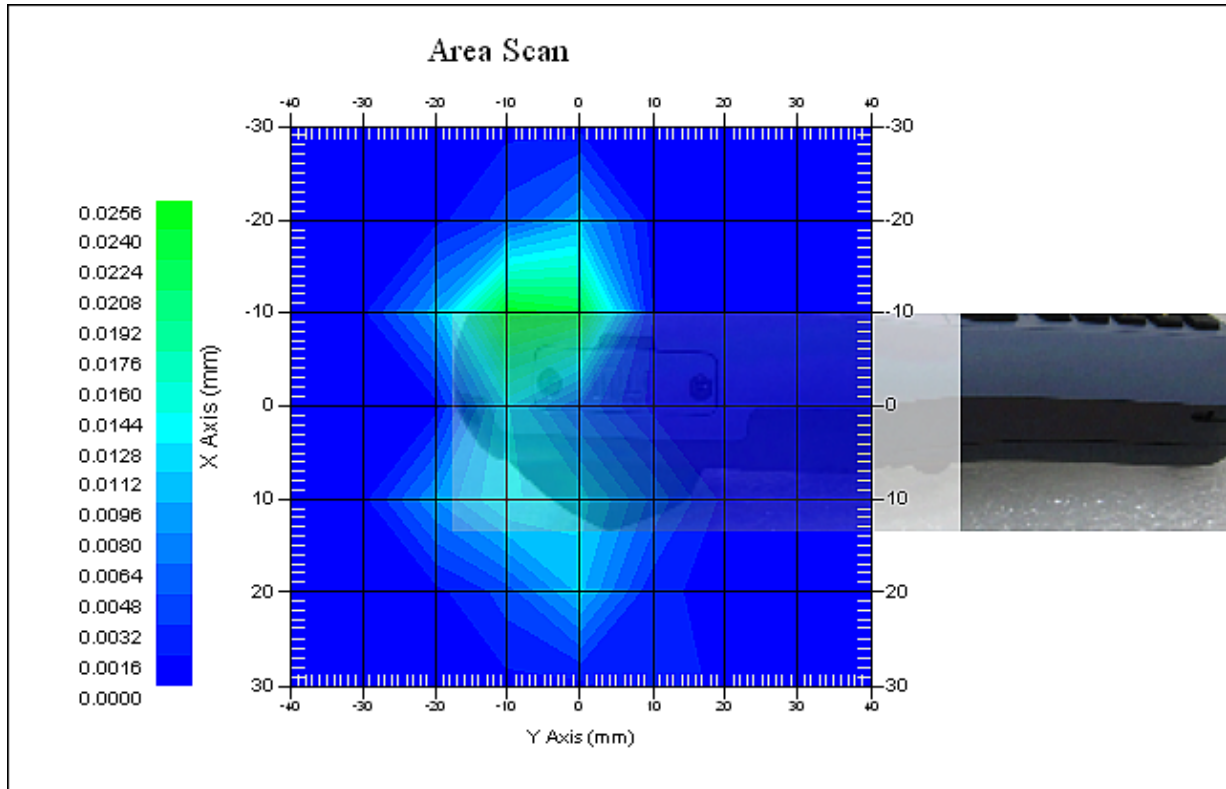
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 3:26:49 PM
Area Scan : 7x9x1 : 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 = -9.920, Y = -2.000
1 gram SAR value : 0.017 W/kg
10 gram SAR value : 0.006 W/kg
Area Scan Peak SAR : 0.025 W/kg
Zoom Scan Peak SAR : 0.050 W/kg

Maxima Summary:
Maxima #1
Maxima coordinates: X = -9.920, Y = -2.000
1 gram SAR value : 0.017 W/kg
10 gram SAR value : 0.006 W/kg
Area Scan Peak SAR : 0.025 W/kg
Zoom Scan Peak SAR : 0.050 W/kg



Data No. 5:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 03:52:25 PM
End Time : 18-Apr-2013 04:12:02 PM
Scanning Time : 1177 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 165 mm
Depth : 65 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.275 W/kg
Power Drift-Finish: 0.284 W/kg
Power Drift (%) : 3.127
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

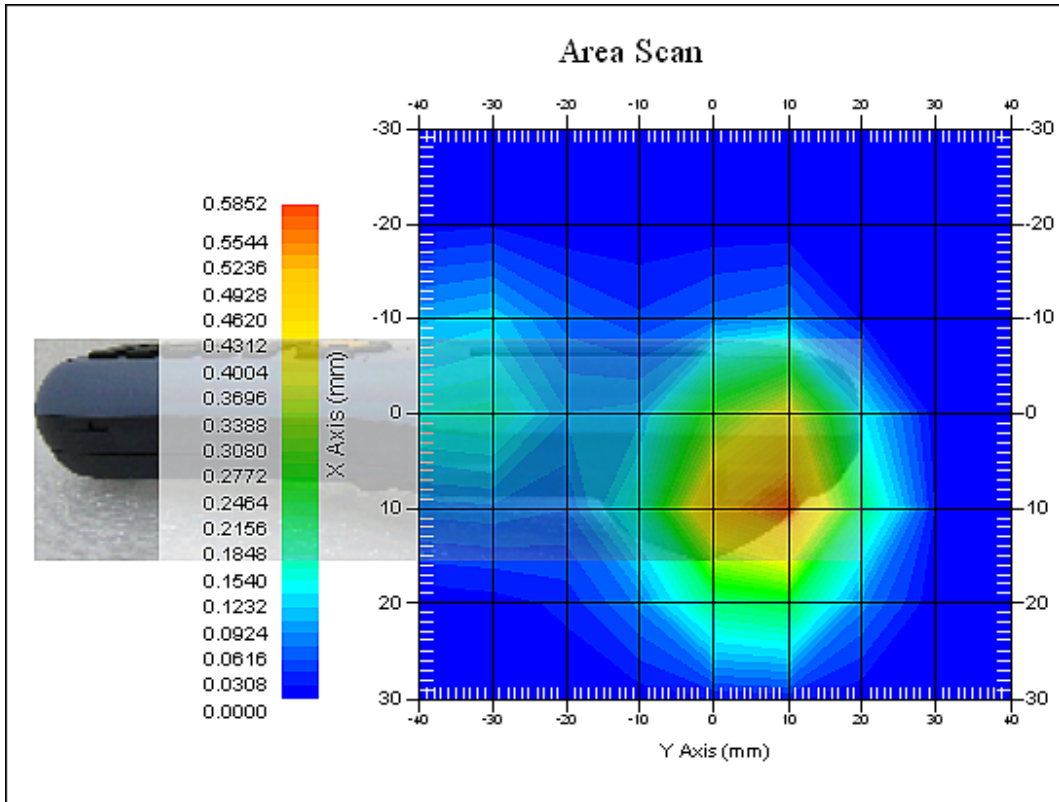
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 3:26:49 PM
Area Scan : 7x9x1 : 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 = 10.030, Y = 9.900
 1 gram SAR value : 0.453 W/kg
 10 gram SAR value : 0.178 W/kg
 Area Scan Peak SAR : 0.575 W/kg
 Zoom Scan Peak SAR : 0.970 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = 10.030, Y = 9.900

1 gram SAR value : 0.453 W/kg

10 gram SAR value : 0.178 W/kg

Area Scan Peak SAR : 0.575 W/kg

Zoom Scan Peak SAR : 0.970 W/kg



Data No. 6:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 04:15:25 PM
End Time : 18-Apr-2013 04:35:11 PM
Scanning Time : 1186 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 165 mm
Depth : 65 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.103 W/kg
Power Drift-Finish: 0.096 W/kg
Power Drift (%) : -7.123
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

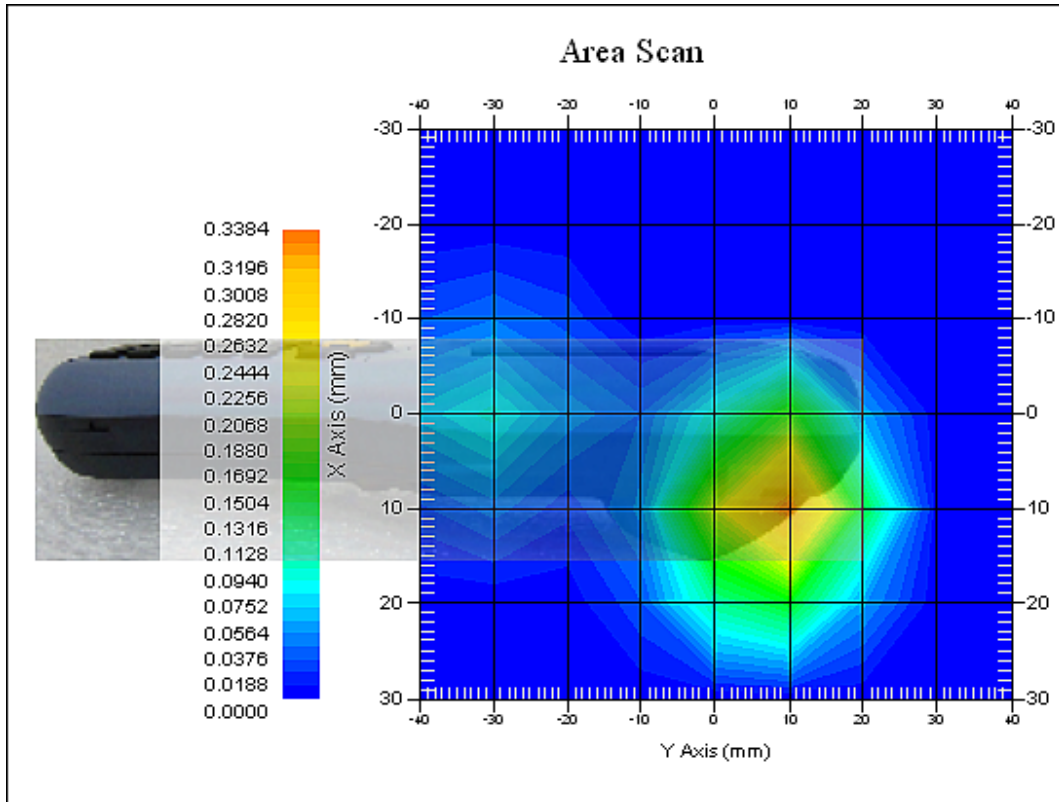
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 3:26:49 PM
Area Scan : 7x9x1 : 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 = 10.060, Y = 9.900
1 gram SAR value : 0.267 W/kg
10 gram SAR value : 0.096 W/kg
Area Scan Peak SAR : 0.335 W/kg
Zoom Scan Peak SAR : 0.610 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = 10.060, Y = 9.900

1 gram SAR value : 0.267 W/kg

10 gram SAR value : 0.096 W/kg

Area Scan Peak SAR : 0.335 W/kg

Zoom Scan Peak SAR : 0.610 W/kg



Data No. 7:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 04:38:51 PM
End Time : 18-Apr-2013 04:58:35 PM
Scanning Time : 1184 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 165 mm
Depth : 65 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.182 W/kg
Power Drift-Finish: 0.169 W/kg
Power Drift (%) : -6.940
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

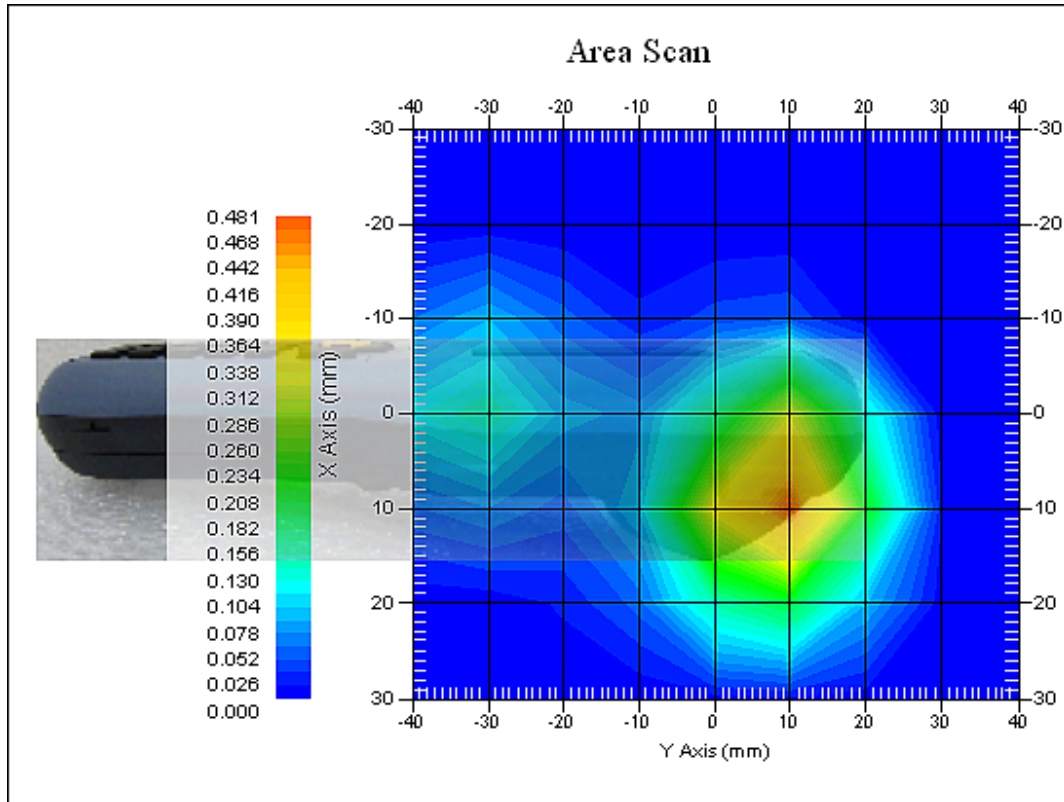
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 3:26:49 PM
Area Scan : 7x9x1 : 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 = 10.070, Y = 9.900
 1 gram SAR value : 0.383 W/kg
 10 gram SAR value : 0.145 W/kg
 Area Scan Peak SAR : 0.481 W/kg
 Zoom Scan Peak SAR : 0.850 W/kg

Maxima Summary:

Maxima #1
 Maxima coordinates: X = 10.070, Y = 9.900
 1 gram SAR value : 0.383 W/kg
 10 gram SAR value : 0.145 W/kg
 Area Scan Peak SAR : 0.481 W/kg
 Zoom Scan Peak SAR : 0.850 W/kg

Data No. 8:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 05:37:52 PM
End Time : 18-Apr-2013 05:57:27 PM
Scanning Time : 1175 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 165 mm
Depth : 65 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.132 W/kg
Power Drift-Finish: 0.134 W/kg
Power Drift (%) : 2.093
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

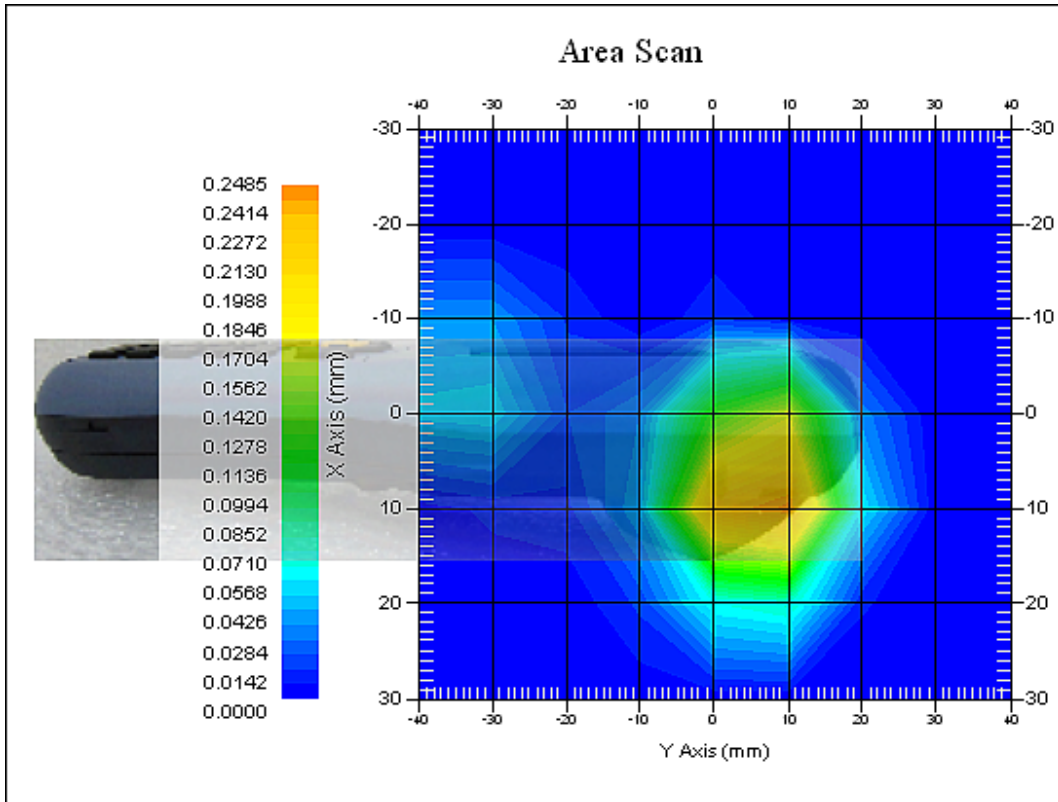
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 3:26:49 PM
Area Scan : 7x9x1 : 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 = 10.050, Y = 1.900
 1 gram SAR value : 0.185 W/kg
 10 gram SAR value : 0.067 W/kg
 Area Scan Peak SAR : 0.245 W/kg
 Zoom Scan Peak SAR : 0.480 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = 10.050, Y = 1.900

1 gram SAR value : 0.185 W/kg

10 gram SAR value : 0.067 W/kg

Area Scan Peak SAR : 0.245 W/kg

Zoom Scan Peak SAR : 0.480 W/kg



Data No. 9:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 06:01:04 PM
End Time : 18-Apr-2013 06:20:44 PM
Scanning Time : 1180 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 165 mm
Depth : 65 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.070 W/kg
Power Drift-Finish: 0.074 W/kg
Power Drift (%) : 5.335
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant) : 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

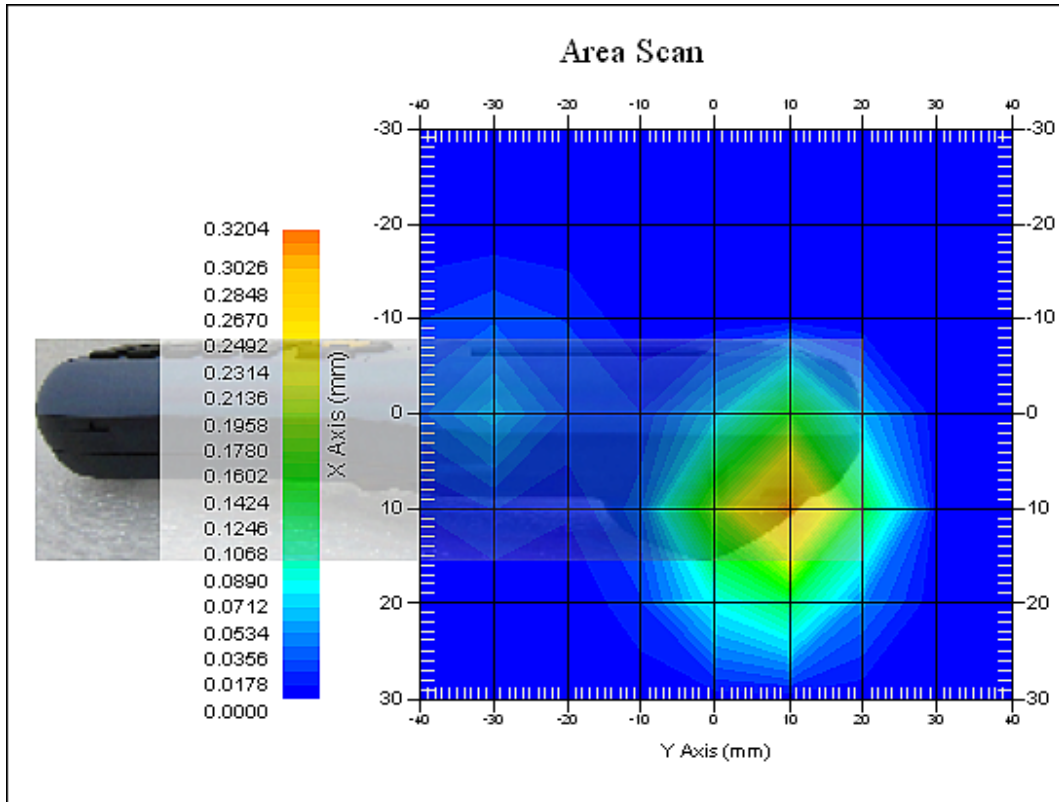
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 3:26:49 PM
Area Scan : 7x9x1 : 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 = 10.100, Y = 9.900
 1 gram SAR value : 0.244 W/kg
 10 gram SAR value : 0.085 W/kg
 Area Scan Peak SAR : 0.314 W/kg
 Zoom Scan Peak SAR : 0.580 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = 10.100, Y = 9.900

1 gram SAR value : 0.244 W/kg

10 gram SAR value : 0.085 W/kg

Area Scan Peak SAR : 0.314 W/kg

Zoom Scan Peak SAR : 0.580 W/kg



Data No. 10:

Report Date : 18-Apr-2013
By Operator : 123
Measurement Date : 18-Apr-2013
Starting Time : 18-Apr-2013 09:54:05 PM
End Time : 18-Apr-2013 10:13:45 PM
Scanning Time : 1180 secs
Product Data
Device Name : 13LR052
Serial No. : NA
Type : Other
Model : HT682
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time : 0 min(s)
Length : 45 mm
Width : 165 mm
Depth : 65 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.155 W/kg
Power Drift-Finish: 0.137 W/kg
Power Drift (%) : -11.459
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 : 18-Apr-2013
Temperature : 21.00 °C
Ambient Temp. : 21.00 °C
Humidity : 65.00 RH%
Epsilon (Dielectric Constant): 53.87
Sigma : 1.93 S/m
Density : 1000.00 kg/cu. m



Probe Data

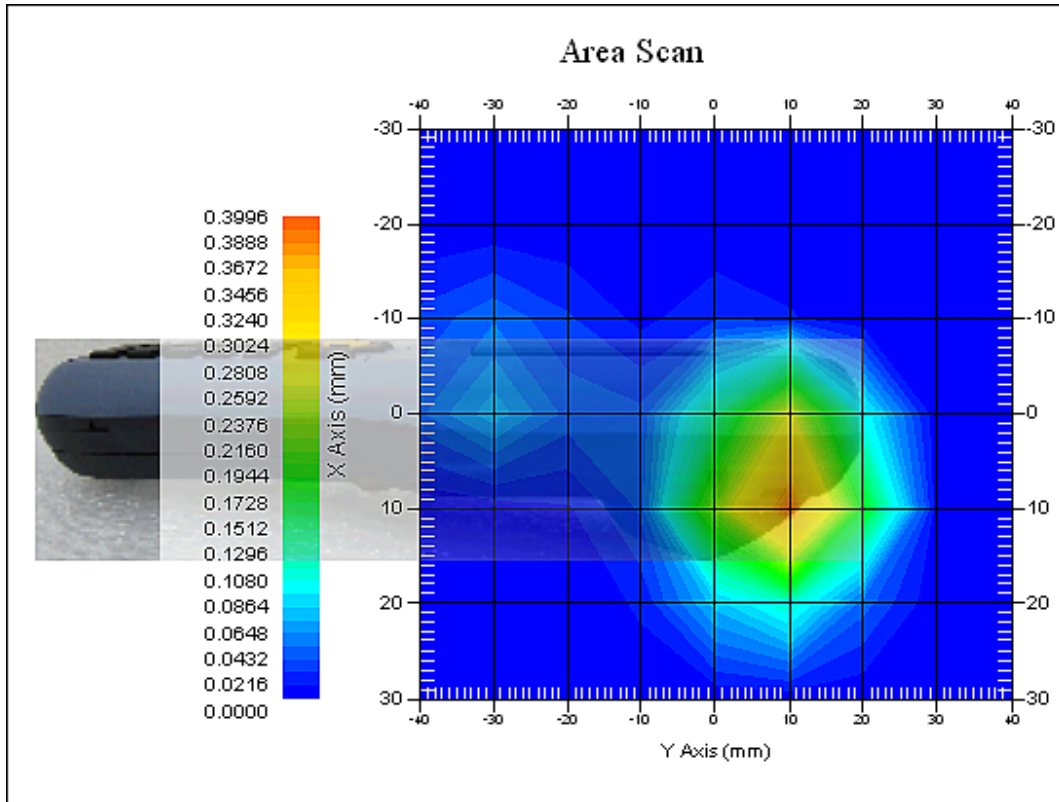
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF) : 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 21.00 °C
Ambient Temp. : 21.00 °C
Set-up Date : 18-Apr-2013
Set-up Time : 3:26:49 PM
Area Scan : 7x9x1 : 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 = 10.100, Y = 9.900
 1 gram SAR value : 0.310 W/kg
 10 gram SAR value : 0.112 W/kg
 Area Scan Peak SAR : 0.392 W/kg
 Zoom Scan Peak SAR : 0.710 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = 10.100, Y = 9.900

1 gram SAR value : 0.310 W/kg

10 gram SAR value : 0.112 W/kg

Area Scan Peak SAR : 0.392 W/kg

Zoom Scan Peak SAR : 0.710 W/kg

Data no.5 802.11b Worst data
SAR-Z Axis
at Hotspot x:10.03 y:9.94

