

## Appendix D: SAR Measurement Data

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
1	Wifi	802.11b	Bottom	0	1	1.053
2	Wifi	802.11b	Edge of Left	0	1	0.001
3	Wifi	802.11b	Edge of Bottom	0	1	0.007
4	Wifi	802.11b	Edge of Right	0	1	0.738
5	Wifi	802.11b	Edge of Top	0	1	0.003
6	Wifi	802.11b	Bottom	0	6	0.901
7	Wifi	802.11b	Bottom	0	11	0.916
8	Wifi	802.11n 20	Bottom	0	1	0.597
9	BT	BLE	Bottom	0	20	0.012
10	Wifi	802.11b Repeated	Bottom	0	1	1.000

### Data No. 1:

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 03:36:02 PM  
End Time : 19-Aug-2013 03:53:29 PM  
Scanning Time : 1047 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 195 mm  
Width : 120 mm  
Depth : 8 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 1.232 W/kg  
Power Drift-Finish: 1.300 W/kg  
Power Drift (%) : 5.499  
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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

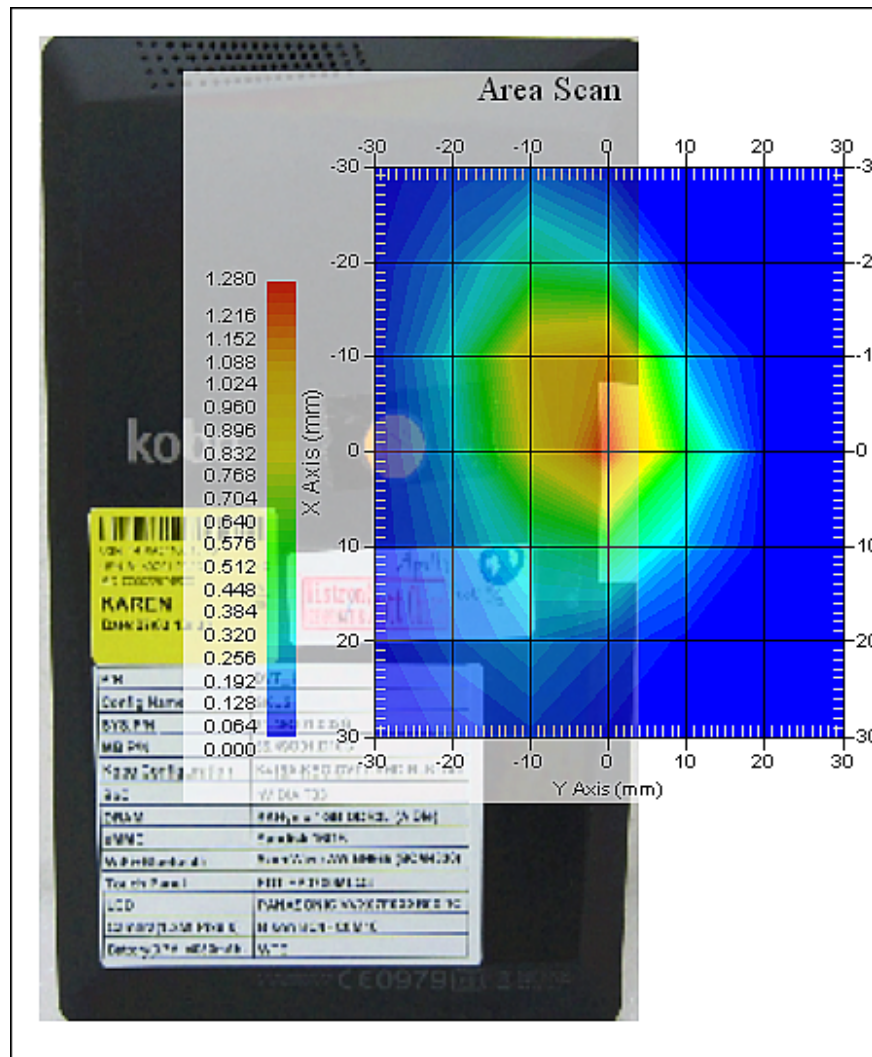
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
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 : Low



The system detected 1 maxima.  
Selected highest maxima # = 1.  
Maxima #1 coordinates: X = -7.880, Y = 0.000  
1 gram SAR value : 1.053 W/kg  
10 gram SAR value : 0.399 W/kg  
Area Scan Peak SAR : 1.255 W/kg  
Zoom Scan Peak SAR : 2.562 W/kg

Maxima Summary:

Maxima #1

Maxima coordinates: X = -7.880, Y = 0.000

1 gram SAR value : 1.053 W/kg

10 gram SAR value : 0.399 W/kg

Area Scan Peak SAR : 1.255 W/kg

Zoom Scan Peak SAR : 2.562 W/kg

### Data No. 2:

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 01:13:32 PM  
End Time : 19-Aug-2013 01:27:39 PM  
Scanning Time : 847 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 8 mm  
Width : 195 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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

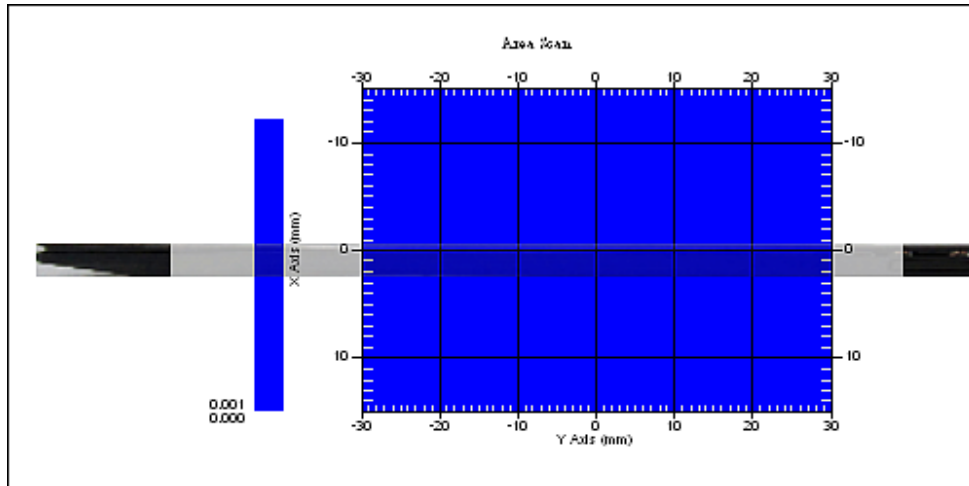
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
Area Scan : 4x7x1 : 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 = -1.940, 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 = -1.940, 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 : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 02:06:50 PM  
End Time : 19-Aug-2013 02:20:40 PM  
Scanning Time : 830 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 8 mm  
Width : 120 mm  
Depth : 195 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 0.008 W/kg  
Power Drift-Finish: 0.006 W/kg  
Power Drift (%) : -26.871  
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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m



Probe Data

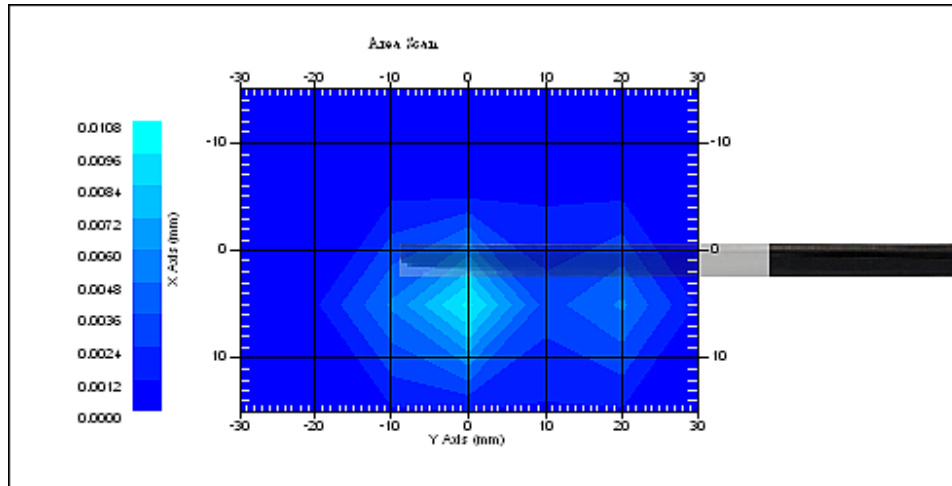
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
Area Scan : 4x7x1 : 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 = 5.060, Y = 0.000  
 1 gram SAR value : 0.007 W/kg  
 10 gram SAR value : 0.002 W/kg  
 Area Scan Peak SAR : 0.010 W/kg  
 Zoom Scan Peak SAR : 0.020 W/kg

Maxima Summary:  
 Maxima #1  
 Maxima coordinates: X = 5.060, Y = 0.000  
 1 gram SAR value : 0.007 W/kg  
 10 gram SAR value : 0.002 W/kg  
 Area Scan Peak SAR : 0.010 W/kg  
 Zoom Scan Peak SAR : 0.020 W/kg

**Data No. 4:**

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 01:30:14 PM  
End Time : 19-Aug-2013 01:44:07 PM  
Scanning Time : 833 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 8 mm  
Width : 195 mm  
Depth : 120 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 0.893 W/kg  
Power Drift-Finish: 0.917 W/kg  
Power Drift (%) : 2.677  
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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

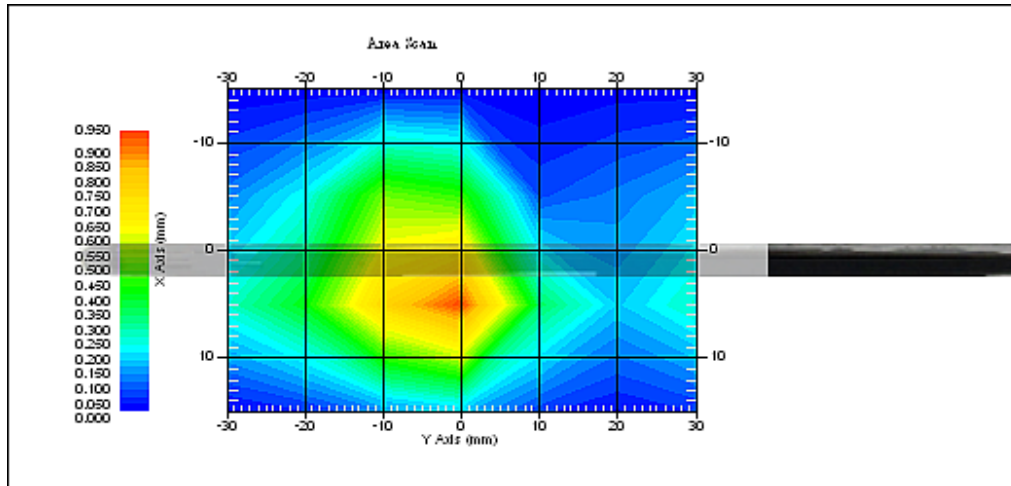
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
Area Scan : 4x7x1 : 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 = 5.020, Y = 0.000  
 1 gram SAR value : 0.738 W/kg  
 10 gram SAR value : 0.249 W/kg  
 Area Scan Peak SAR : 0.944 W/kg  
 Zoom Scan Peak SAR : 2.011 W/kg

Maxima Summary:  
 Maxima #1  
 Maxima coordinates: X = 5.020, Y = 0.000  
 1 gram SAR value : 0.738 W/kg  
 10 gram SAR value : 0.249 W/kg  
 Area Scan Peak SAR : 0.944 W/kg  
 Zoom Scan Peak SAR : 2.011 W/kg

### Data No. 5:

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 01:49:47 PM  
End Time : 19-Aug-2013 02:03:51 PM  
Scanning Time : 844 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 8 mm  
Width : 120 mm  
Depth : 195 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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

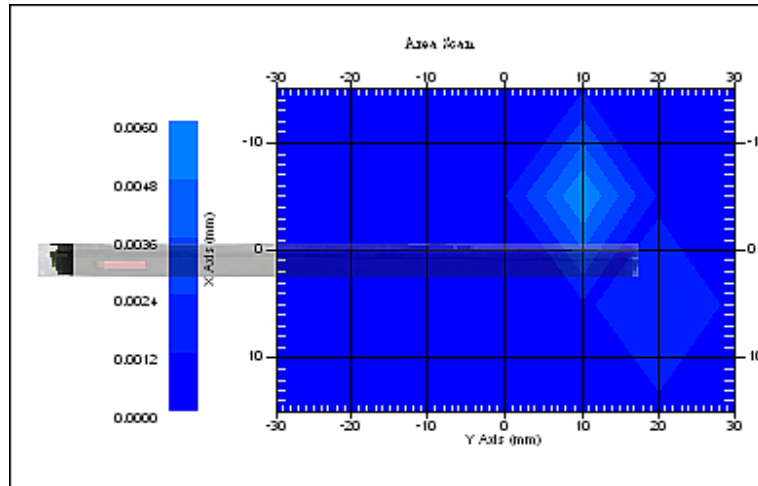
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
Area Scan : 4x7x1 : 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 = 17.900  
 1 gram SAR value : 0.003 W/kg  
 10 gram SAR value : 0.001 W/kg  
 Area Scan Peak SAR : 0.006 W/kg  
 Zoom Scan Peak SAR : 0.000 W/kg

Maxima Summary:  
 Maxima #1  
 Maxima coordinates: X = 3.100, Y = 17.900  
 1 gram SAR value : 0.003 W/kg  
 10 gram SAR value : 0.001 W/kg  
 Area Scan Peak SAR : 0.006 W/kg  
 Zoom Scan Peak SAR : 0.000 W/kg



### Data No. 6:

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 03:15:56 PM  
End Time : 19-Aug-2013 03:33:19 PM  
Scanning Time : 1043 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 195 mm  
Width : 120 mm  
Depth : 8 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 1.043 W/kg  
Power Drift-Finish: 1.058 W/kg  
Power Drift (%) : 1.475  
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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

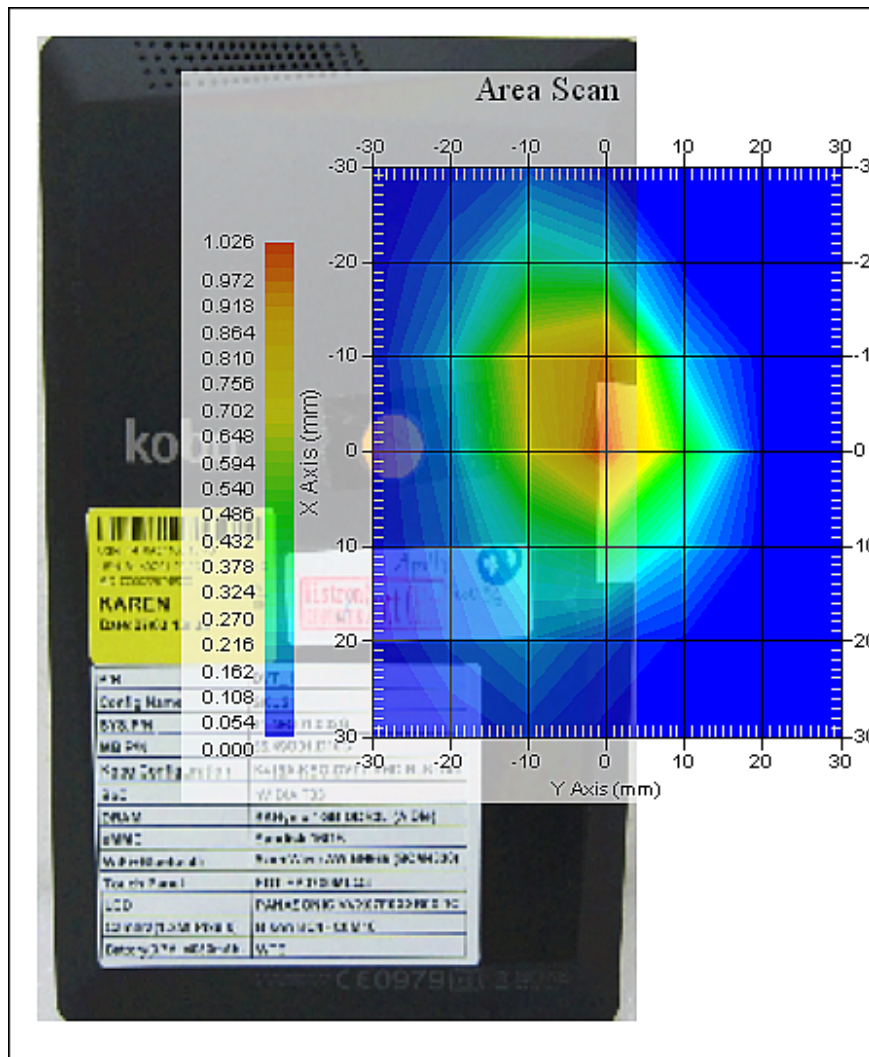
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
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 : Mid



The system detected 1 maxima.  
 Selected highest maxima # = 1.  
 Maxima #1 coordinates: X = -7.880, Y = 0.000  
 1 gram SAR value : 0.901 W/kg  
 10 gram SAR value : 0.342 W/kg  
 Area Scan Peak SAR : 1.025 W/kg  
 Zoom Scan Peak SAR : 2.251 W/kg

Maxima Summary:  
 Maxima #1  
 Maxima coordinates: X = -7.880, Y = 0.000  
 1 gram SAR value : 0.901 W/kg  
 10 gram SAR value : 0.342 W/kg  
 Area Scan Peak SAR : 1.025 W/kg  
 Zoom Scan Peak SAR : 2.251 W/kg

**Data No. 7:**

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 11:58:17 AM  
End Time : 19-Aug-2013 12:15:31 PM  
Scanning Time : 1034 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 195 mm  
Width : 120 mm  
Depth : 8 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 1.146 W/kg  
Power Drift-Finish: 1.160 W/kg  
Power Drift (%) : 1.216  
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 : Uni-Phantom

Tissue Data  
Type : BODY  
Serial No. : 2450B  
Frequency : 2450.00 MHz  
Last Calib. Date : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

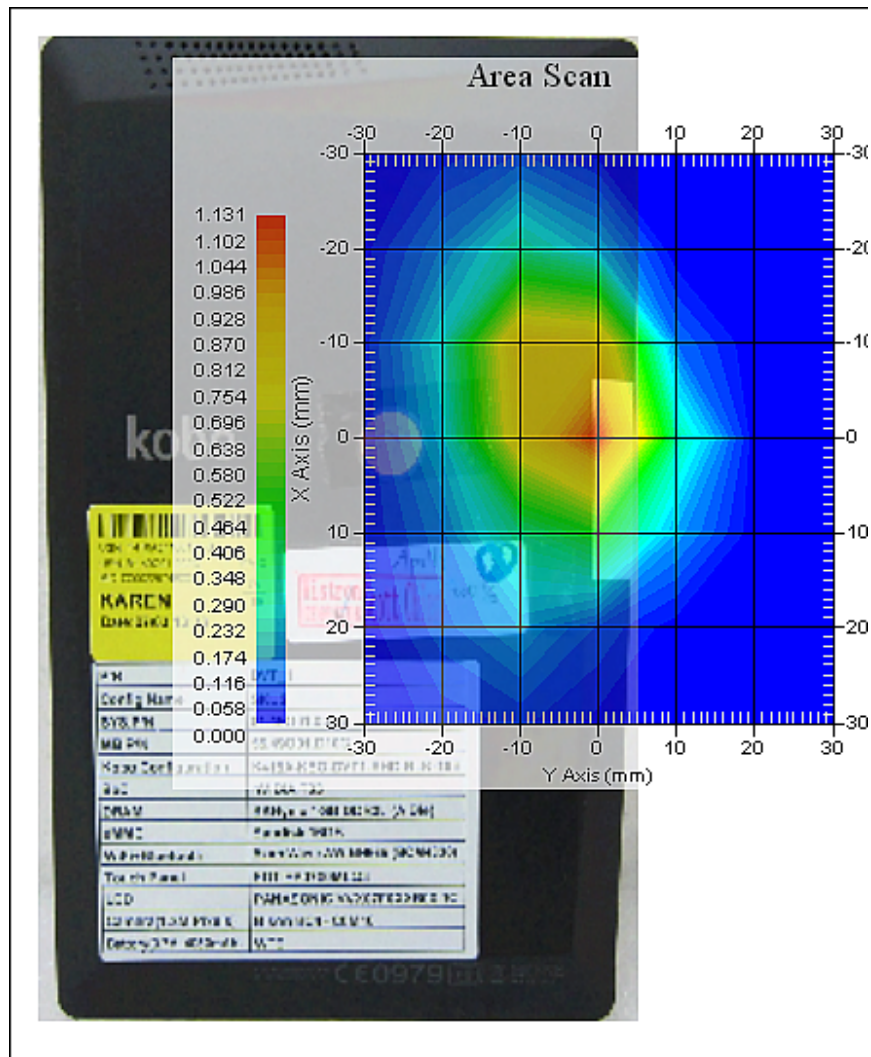
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
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 = 0.070, Y = 0.000  
1 gram SAR value : 0.916 W/kg  
10 gram SAR value : 0.347 W/kg  
Area Scan Peak SAR : 1.117 W/kg  
Zoom Scan Peak SAR : 2.161 W/kg

Maxima Summary:  
Maxima #1  
Maxima coordinates: X = 0.070, Y = 0.000  
1 gram SAR value : 0.916 W/kg  
10 gram SAR value : 0.347 W/kg  
Area Scan Peak SAR : 1.117 W/kg  
Zoom Scan Peak SAR : 2.161 W/kg

### Data No. 8:

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 04:18:21 PM  
End Time : 19-Aug-2013 04:35:47 PM  
Scanning Time : 1046 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 195 mm  
Width : 120 mm  
Depth : 8 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 0.722 W/kg  
Power Drift-Finish: 0.701 W/kg  
Power Drift (%) : -2.950  
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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
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 : 27-Feb-2013  
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

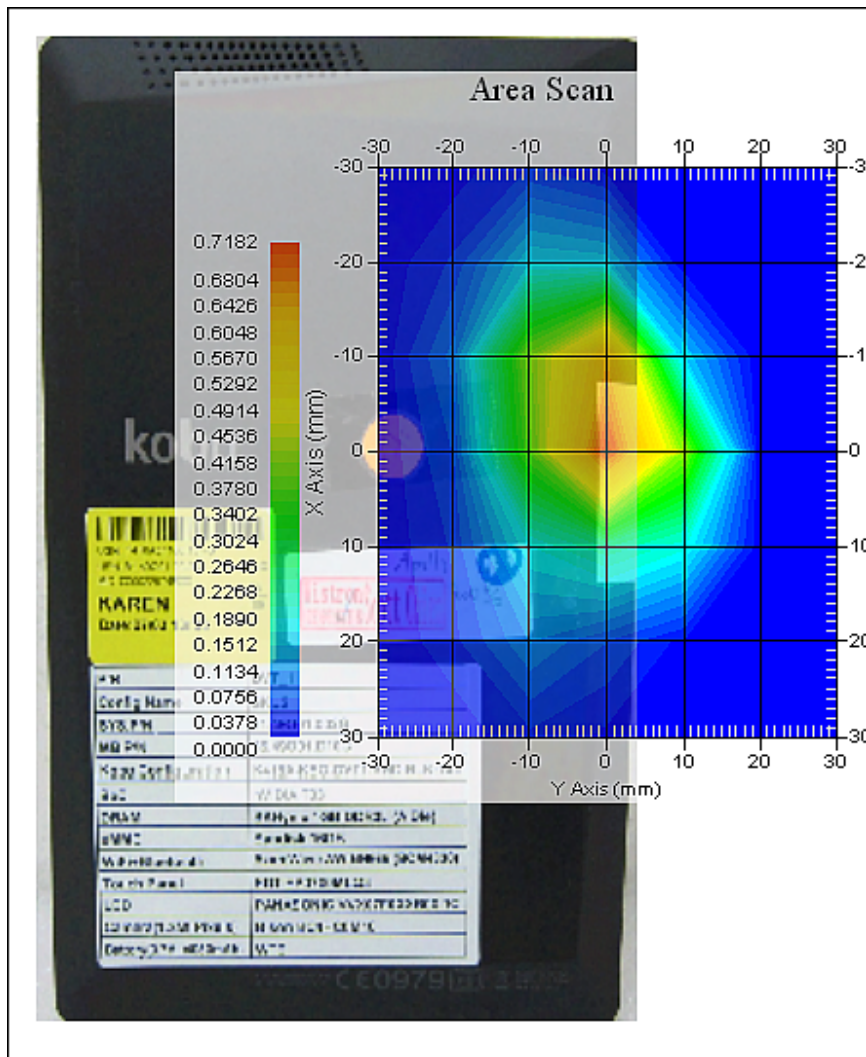
Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
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 : Low





The system detected 1 maxima.  
 Selected highest maxima # = 1.  
 Maxima #1 coordinates: X = -7.920, Y = 0.000  
 1 gram SAR value : 0.597 W/kg  
 10 gram SAR value : 0.214 W/kg  
 Area Scan Peak SAR : 0.717 W/kg  
 Zoom Scan Peak SAR : 1.541 W/kg

Maxima Summary:  
 Maxima #1  
 Maxima coordinates: X = -7.920, Y = 0.000  
 1 gram SAR value : 0.597 W/kg  
 10 gram SAR value : 0.214 W/kg  
 Area Scan Peak SAR : 0.717 W/kg  
 Zoom Scan Peak SAR : 1.541 W/kg

**Data No. 9:**

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 05:11:29 PM  
End Time : 19-Aug-2013 05:29:00 PM  
Scanning Time : 1051 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 195 mm  
Width : 120 mm  
Depth : 8 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 0.005 W/kg  
Power Drift-Finish: 0.003 W/kg  
Power Drift (%) : -32.180  
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 : 09-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

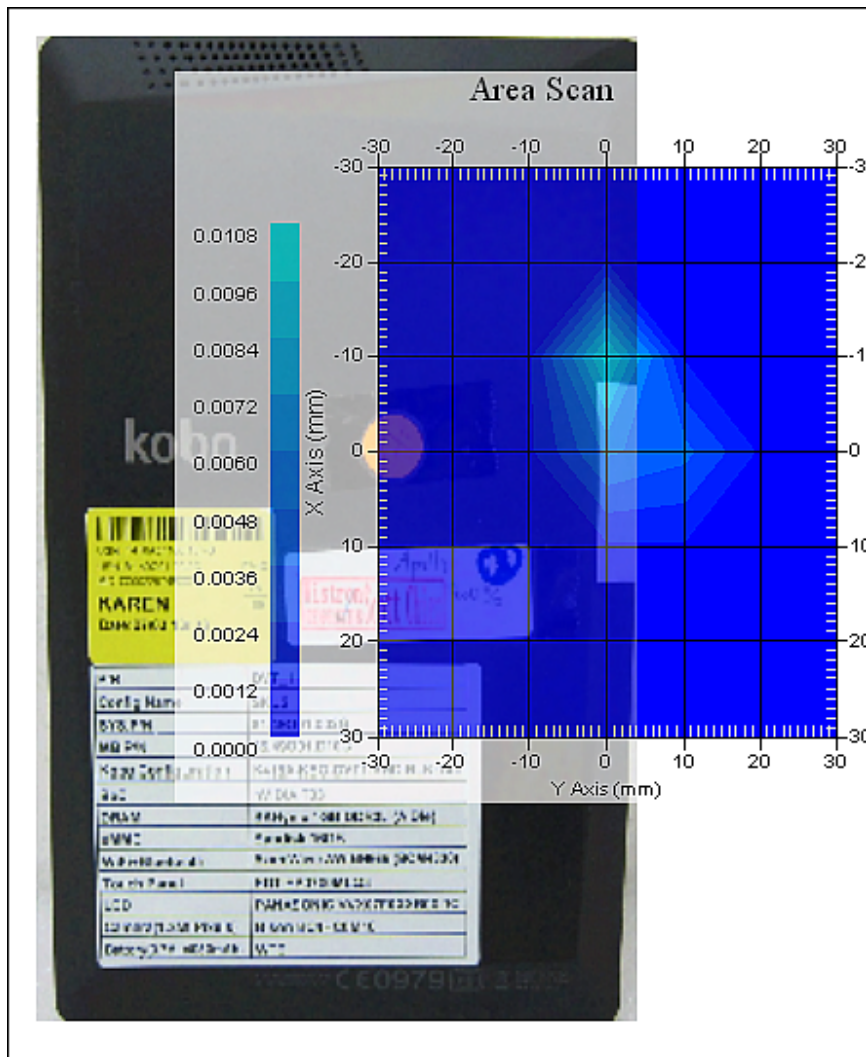
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
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 : Mid



The system detected 1 maxima.  
 Selected highest maxima # = 1.  
 Maxima #1 coordinates: X = -1.910, Y = 0.000  
 1 gram SAR value : 0.012 W/kg  
 10 gram SAR value : 0.003 W/kg  
 Area Scan Peak SAR : 0.010 W/kg  
 Zoom Scan Peak SAR : 0.050 W/kg

#### Maxima Summary:

Maxima #1

Maxima coordinates: X = -1.910, Y = 0.000

1 gram SAR value : 0.012 W/kg

10 gram SAR value : 0.003 W/kg

Area Scan Peak SAR : 0.010 W/kg

Zoom Scan Peak SAR : 0.050 W/kg

**Data No. 10:**

Report Date : 19-Aug-2013  
By Operator : 123  
Measurement Date : 19-Aug-2013  
Starting Time : 19-Aug-2013 08:21:00 PM  
End Time : 19-Aug-2013 08:38:29 PM  
Scanning Time : 1049 secs  
Product Data  
Device Name : 13LR136  
Serial No. : NA  
Type : Other  
Model : Karen 7  
Frequency : 2450.00 MHz  
Max. Transmit Pwr : 0.25 W  
Drift Time : 1 min(s)  
Length : 195 mm  
Width : 120 mm  
Depth : 8 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Drift-Start : 1.213 W/kg  
Power Drift-Finish: 1.218 W/kg  
Power Drift (%) : 0.432  
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 : 19-Aug-2013  
Temperature : 22.10 °C  
Ambient Temp. : 22.10 °C  
Humidity : 65.00 RH%  
Epsilon (Dielectric Constant): 53.88  
Sigma : 1.93 S/m  
Density : 1000.00 kg/cu. m

Probe Data

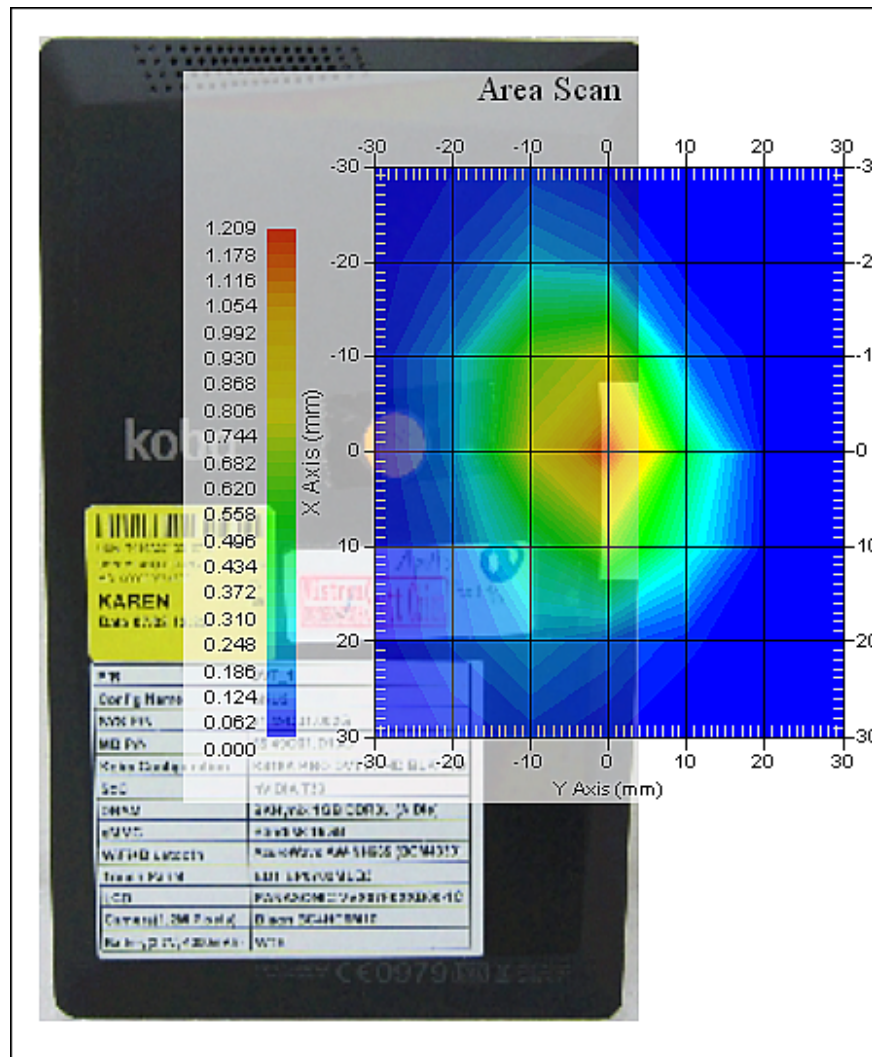
Name : E-field  
Model : E-020  
Type : E-Field Triangle  
Serial No. : 266  
Last Calib. Date : 20-Aug-2012  
Frequency : 2450.00 MHz  
Duty Cycle Factor (CreF) : 1  
Conversion Factor : 4.55  
Probe Sensitivity : 1.20 1.20 1.20  $\mu\text{V}/(\text{V}/\text{m})^2$   
Compression Point : 95.00 mV  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

Measurement Data

Crest Factor : 1  
Scan Type : Complete  
Tissue Temp. : 22.10 °C  
Ambient Temp. : 22.10 °C  
Set-up Date : 19-Aug-2013  
Set-up Time : 11:27:00 AM  
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 : Low



The system detected 1 maxima.  
Selected highest maxima # = 1.  
Maxima #1 coordinates: X = 0.070, Y = 0.000  
1 gram SAR value : 1.000 W/kg  
10 gram SAR value : 0.381 W/kg  
Area Scan Peak SAR : 1.194 W/kg  
Zoom Scan Peak SAR : 2.432 W/kg

Maxima Summary:  
Maxima #1  
Maxima coordinates: X = 0.070, Y = 0.000  
1 gram SAR value : 1.000 W/kg  
10 gram SAR value : 0.381 W/kg  
Area Scan Peak SAR : 1.194 W/kg  
Zoom Scan Peak SAR : 2.432 W/kg

### SAR-Z Axis

at Hotspot x:-7.88 y:-0.07

