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	0.5	1	0.001
2	Wifi	802.11b	EUT Top	0.5	1	**0.263**
3	Wifi	802.11b	EUT Edge of Right	0.5	1	0.001
4	Wifi	802.11b	EUT Edge of Lift	0.5	1	0.001
5	Wifi	802.11b	EUT Edge of Bottom	0.5	1	0.001
6	Wifi	802.11b	EUT Top	0.5	6	0.168
7	Wifi	802.11b	EUT Top	0.5	11	0.146
8	Wifi	802.11g	EUT Top	0.5	6	0.105
9	Wifi	802.11n 20	EUT Top	0.5	6	0.129
10	Wifi	802.11n 40	EUT Top	0.5	6	0.165

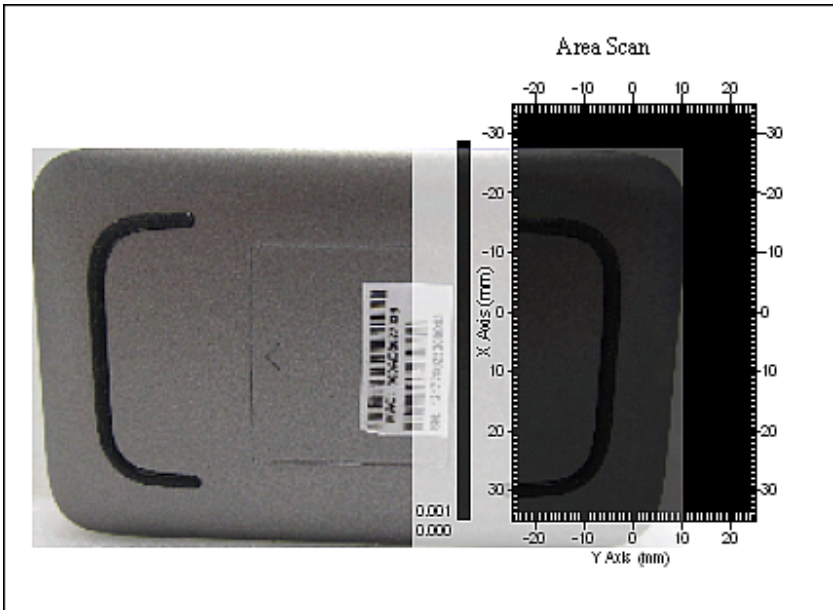
Data No. 1:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  02:12:02 PM
End Time           : 23-May-2012  02:29:15 PM
Scanning Time      : 1033 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 80 mm
Width              : 130 mm
Depth              : 20 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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 PM
Area Scan : 8x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 5mm
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

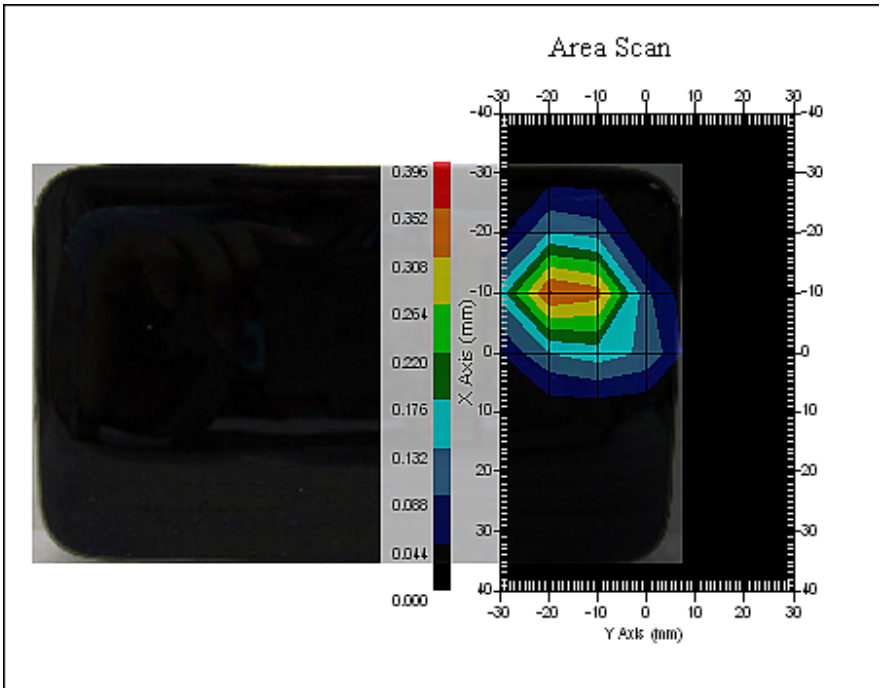
Data No. 2:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  09:16:56 PM
End Time           : 23-May-2012  09:36:11 PM
Scanning Time      : 1155 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 80 mm
Width              : 130 mm
Depth              : 20 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.114 W/kg
Power Drift-Finish: 0.080 W/kg
Power Drift (%)    : -30.211
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 PM
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 : 5mm
Channel : Low



1 gram SAR value : 0.263 W/kg
10 gram SAR value : 0.095 W/kg
Area Scan Peak SAR : 0.355 W/kg
Zoom Scan Peak SAR : 0.540 W/kg

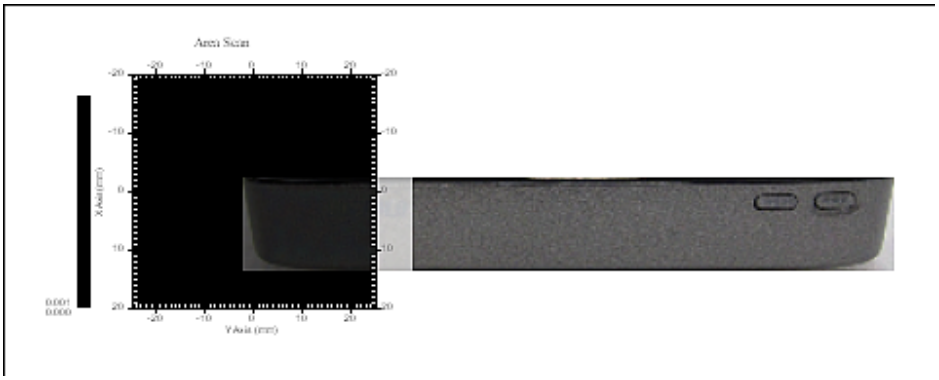
Data No. 3:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  04:58:05 PM
End Time           : 23-May-2012  05:12:21 PM
Scanning Time      : 856 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 20 mm
Width              : 130 mm
Depth              : 80 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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 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 : 5mm
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

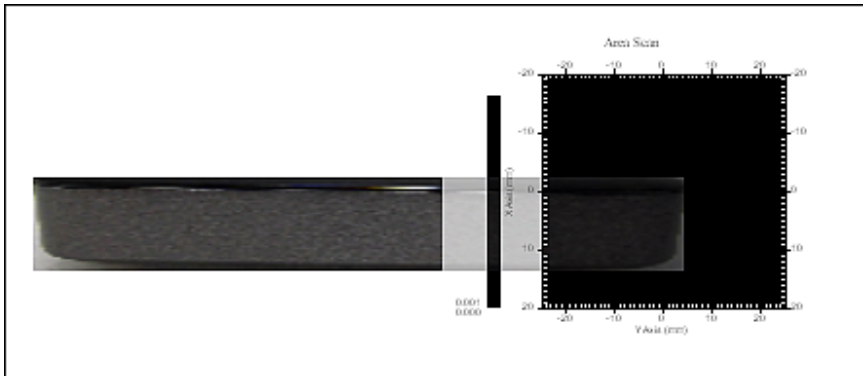
Data No. 4:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  04:40:08 PM
End Time           : 23-May-2012  04:54:15 PM
Scanning Time      : 847 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 20 mm
Width              : 130 mm
Depth              : 80 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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 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 : 5mm
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

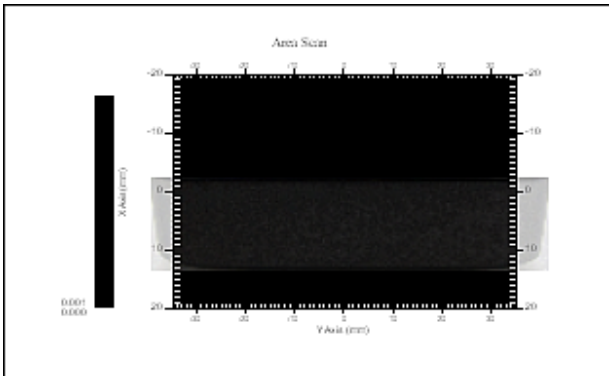
Data No. 5:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  02:37:03 PM
End Time           : 23-May-2012  02:52:48 PM
Scanning Time      : 945 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 20 mm
Width              : 80 mm
Depth              : 130 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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 PM
Area Scan : 5x8x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 5mm
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

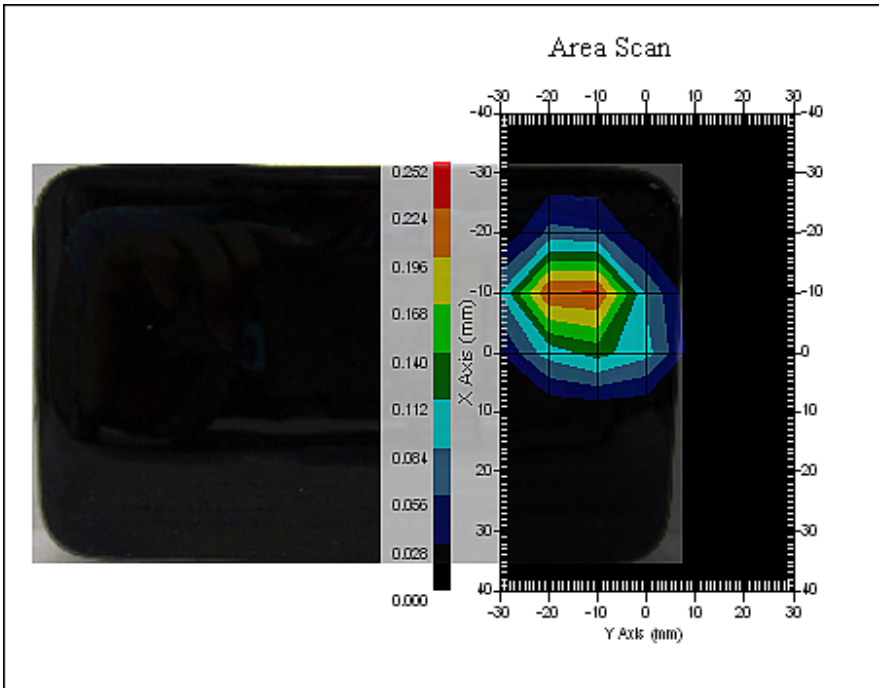
Data No. 6:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  08:49:14 PM
End Time           : 23-May-2012  09:08:32 PM
Scanning Time      : 1158 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 80 mm
Width              : 130 mm
Depth              : 20 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.115 W/kg
Power Drift-Finish: 0.067 W/kg
Power Drift (%)    : -41.543
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 PM
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 : 5mm
Channel : Mid



1 gram SAR value : 0.168 W/kg
10 gram SAR value : 0.060 W/kg
Area Scan Peak SAR : 0.226 W/kg
Zoom Scan Peak SAR : 0.370 W/kg

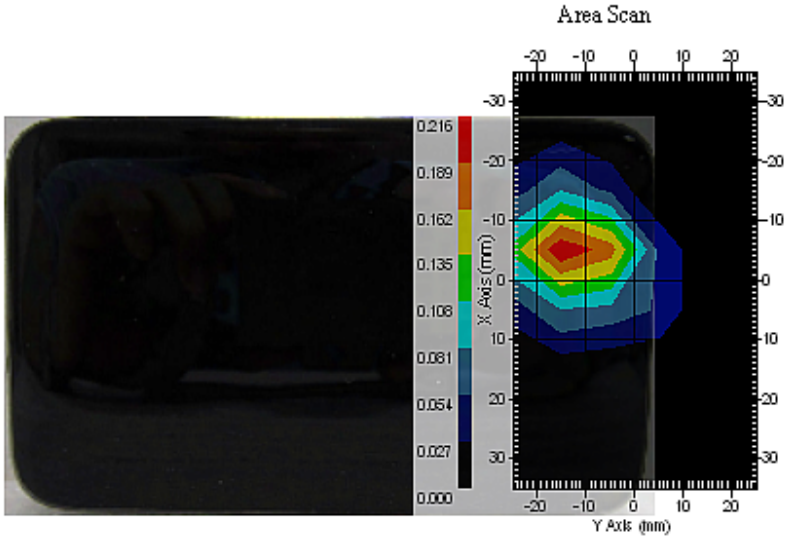
Data No. 7:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  01:50:45 PM
End Time           : 23-May-2012  02:07:44 PM
Scanning Time      : 1019 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 80 mm
Width              : 130 mm
Depth              : 20 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.127 W/kg
Power Drift-Finish: 0.097 W/kg
Power Drift (%)    : -23.874
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 PM
Area Scan : 8x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 5mm
Channel : High



1 gram SAR value : 0.146 W/kg
10 gram SAR value : 0.051 W/kg
Area Scan Peak SAR : 0.213 W/kg
Zoom Scan Peak SAR : 0.350 W/kg

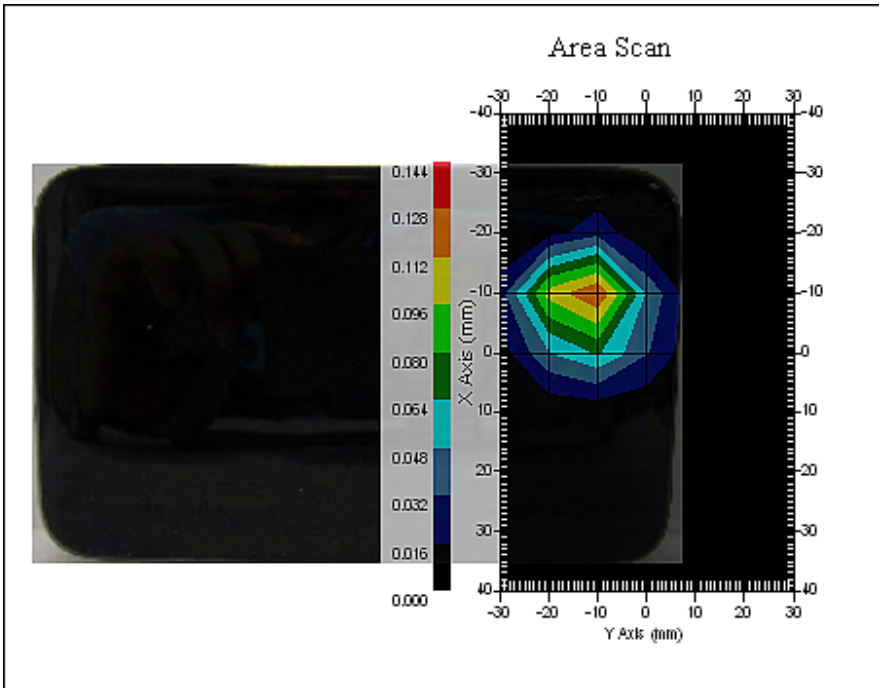
Data No. 8:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  05:21:35 PM
End Time           : 23-May-2012  05:40:46 PM
Scanning Time      : 1151 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 80 mm
Width              : 130 mm
Depth              : 20 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.049 W/kg
Power Drift-Finish: 0.044 W/kg
Power Drift (%)    : -9.314
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 PM
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 : 5mm
Channel : Mid



1 gram SAR value : 0.105 W/kg
10 gram SAR value : 0.036 W/kg
Area Scan Peak SAR : 0.129 W/kg
Zoom Scan Peak SAR : 0.260 W/kg

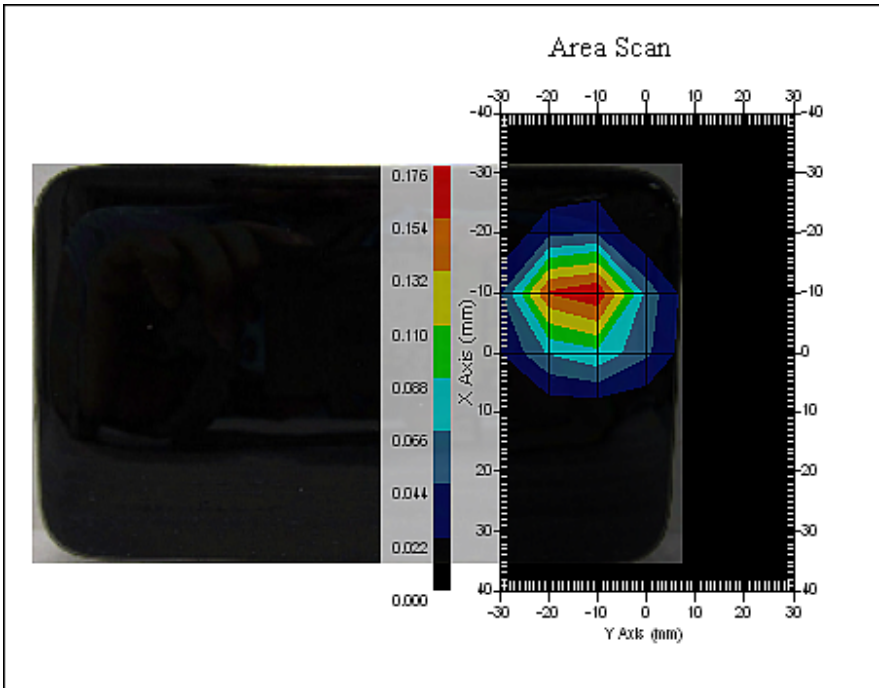
Data No. 9:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  05:52:47 PM
End Time           : 23-May-2012  06:12:11 PM
Scanning Time      : 1164 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 80 mm
Width              : 130 mm
Depth              : 20 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.072 W/kg
Power Drift-Finish: 0.050 W/kg
Power Drift (%)    : -30.431
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 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 : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 23-May-2012
Set-up Time : 1:29:14 PM
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 : 5mm
Channel : Mid



1 gram SAR value : 0.129 W/kg
10 gram SAR value : 0.045 W/kg
Area Scan Peak SAR : 0.173 W/kg
Zoom Scan Peak SAR : 0.310 W/kg

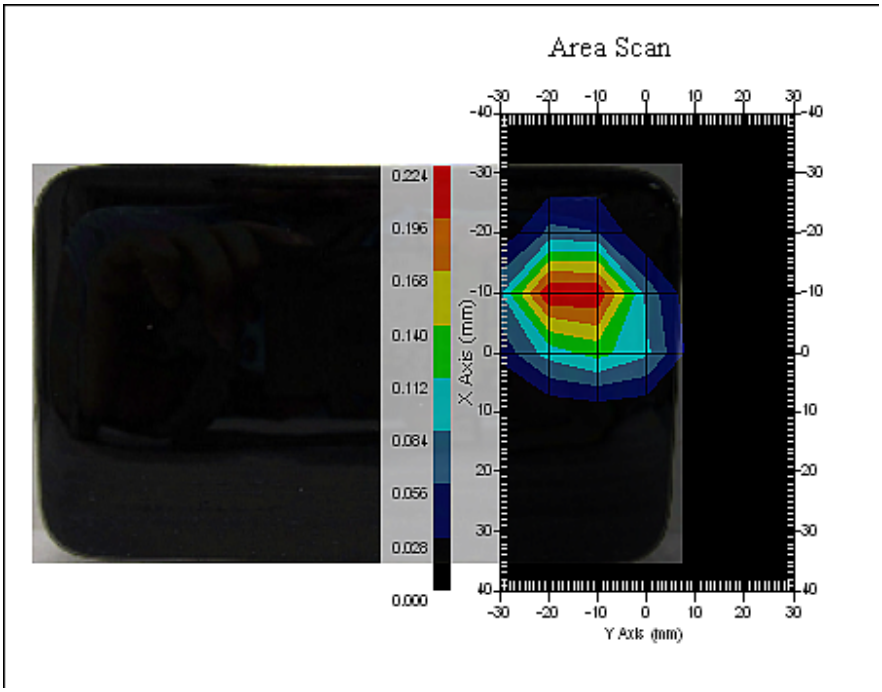
Data No. 10:

```
Report Date        : 23-May-2012
By Operator        : Dino
Measurement Date   : 23-May-2012
Starting Time      : 23-May-2012  08:06:11 PM
End Time           : 23-May-2012  08:25:37 PM
Scanning Time      : 1166 secs

Product Data
Device Name        : 12LR077
Serial No.         : NA
Type               : Other
Model              : HDW-PU3
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 0 min(s)
Length             : 80 mm
Width              : 130 mm
Depth              : 20 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.097 W/kg
Power Drift-Finish: 0.055 W/kg
Power Drift (%)    : -43.686
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 2450_Body
Frequency        : 2450.00 MHz
Last Calib. Date : 23-May-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.70 °C
Humidity         : 60.00 RH%
Epsilon          : 53.63 F/m
Sigma            : 2.04 S/m
Density          : 1000.00 kg/cu. M
```

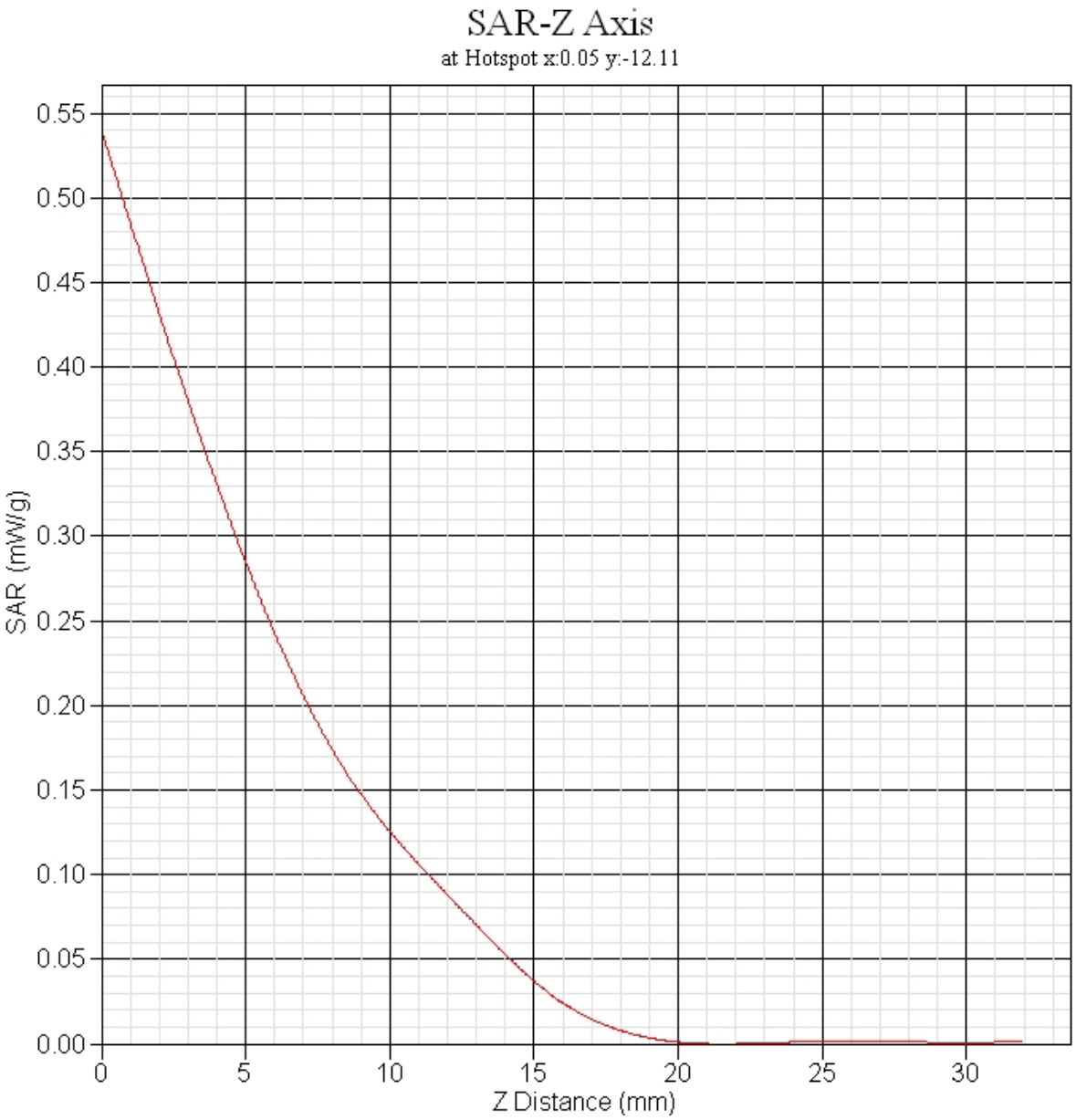
Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 08-Aug-2011
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 23-May-2012
Set-up Time : 1:29:14 PM
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 : 5mm
Channel : Mid



1 gram SAR value : 0.165 W/kg
10 gram SAR value : 0.058 W/kg
Area Scan Peak SAR : 0.222 W/kg
Zoom Scan Peak SAR : 0.370 W/kg


SAR-Z Axis
at Hotspot x:0.05 y:-12.11
SAR (mW/g)
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
25
30
Z Distance (mm)