Appendix D: SAR Measurement Data

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

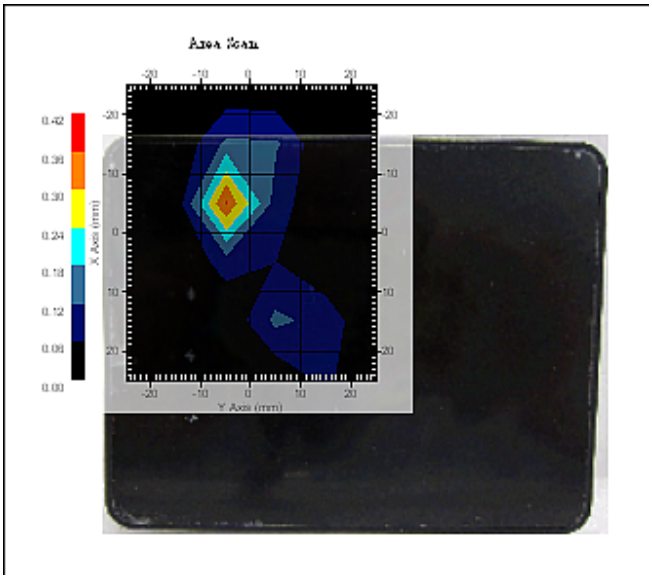
Data No. 1:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

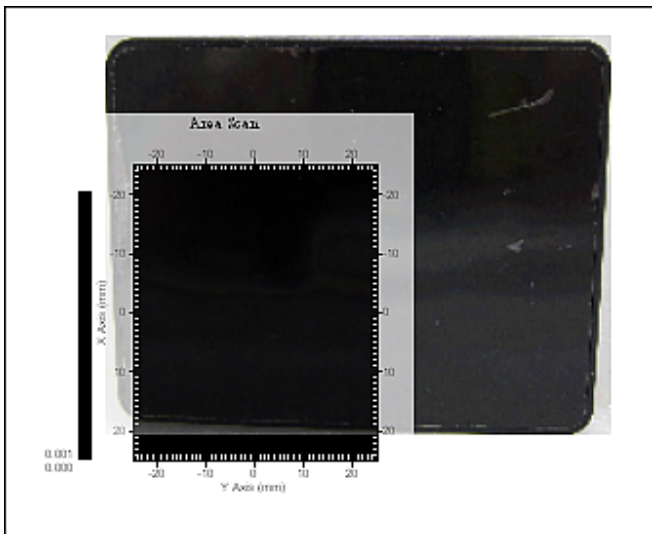
Data No. 2:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

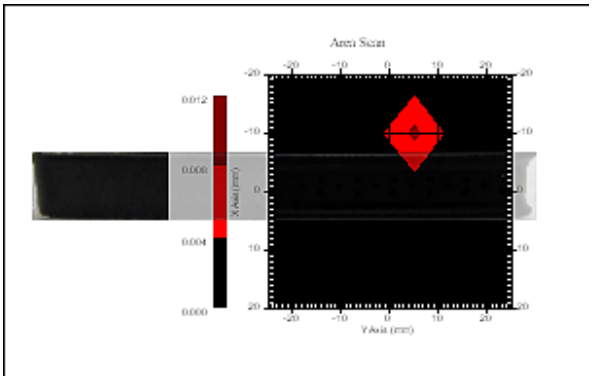
Data No. 3:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

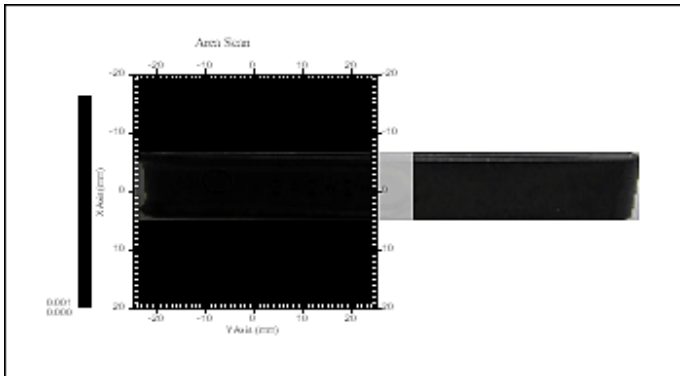
Data No. 4:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

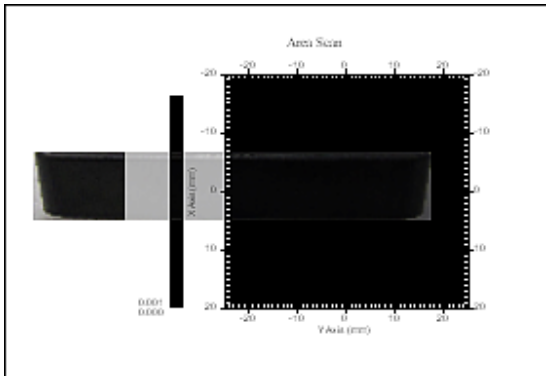
Data No. 5:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

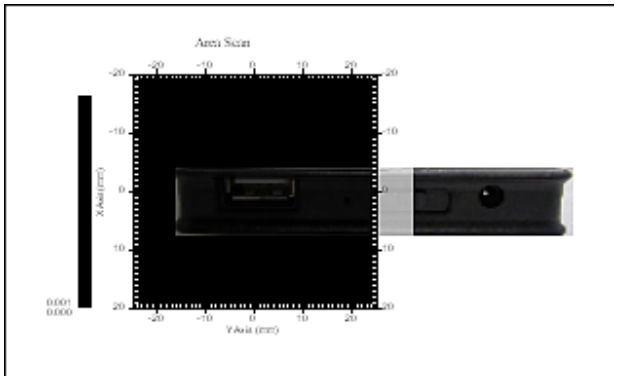
Data No. 6:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 5x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

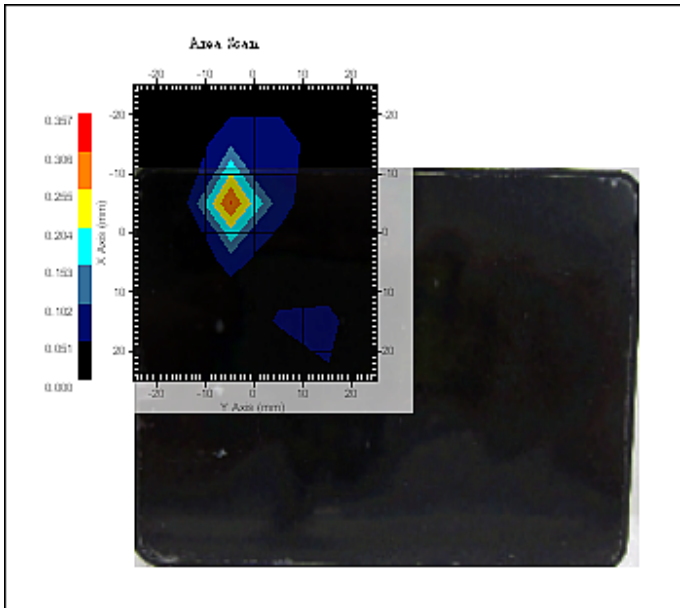
Data No. 7:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Mid



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

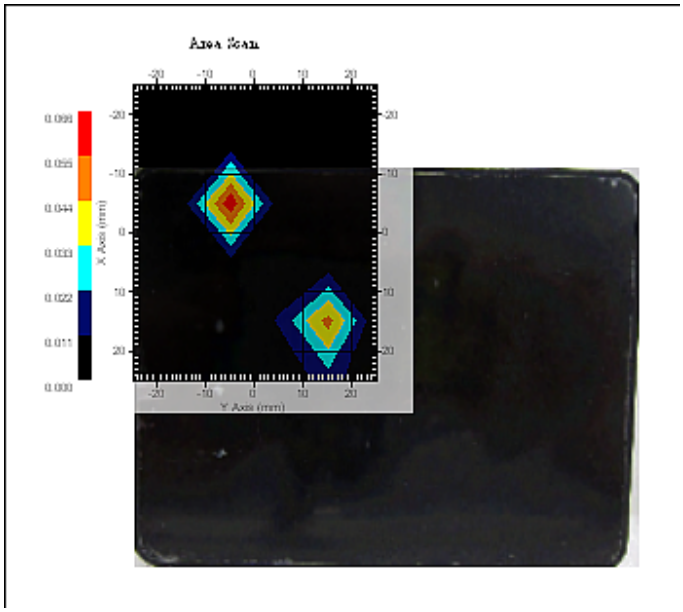
Data No. 8:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 µV/(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 : 12-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : High



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

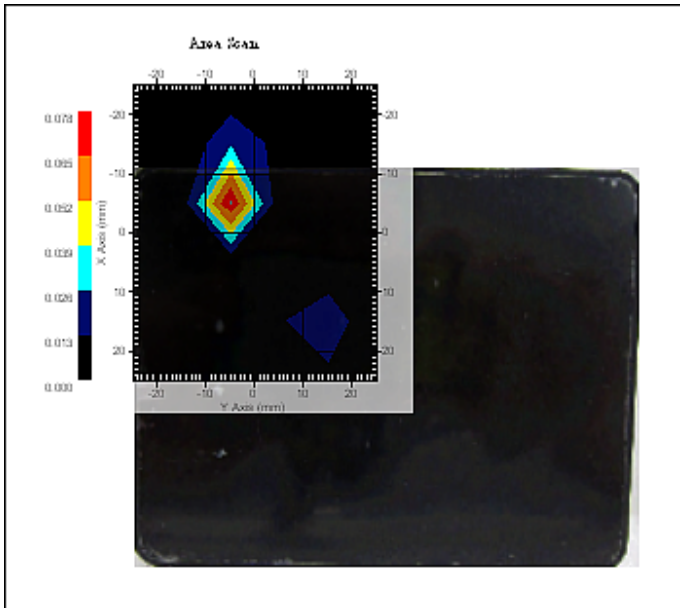
Data No. 9:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

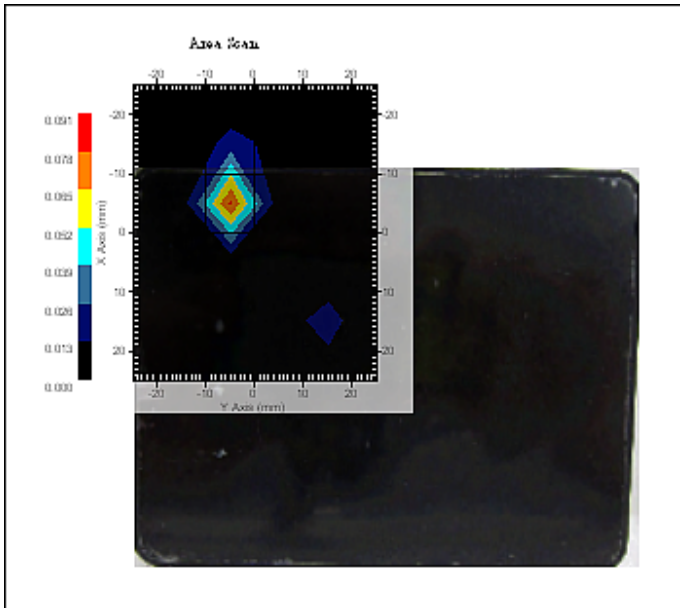
Data No. 10:

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

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

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

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

Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
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 : 07-Sep-2012
Set-up Time : 9:40:45 AM
Area Scan : 6x6x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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

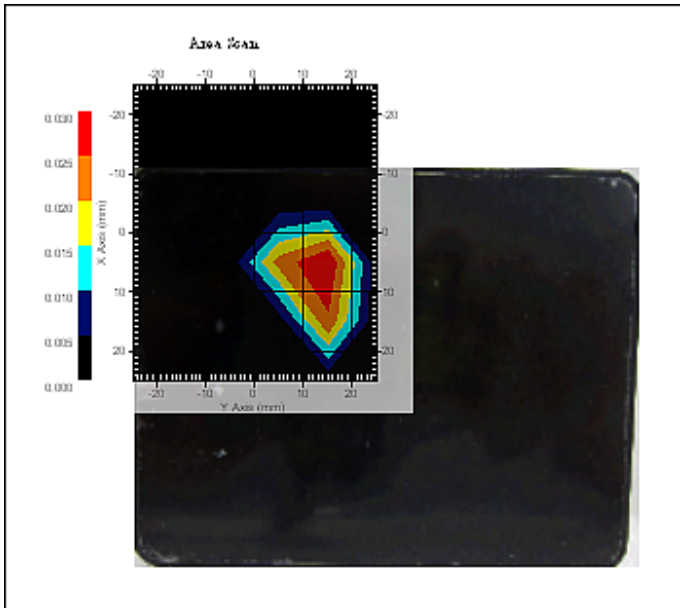
Data No. 11:

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

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

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

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

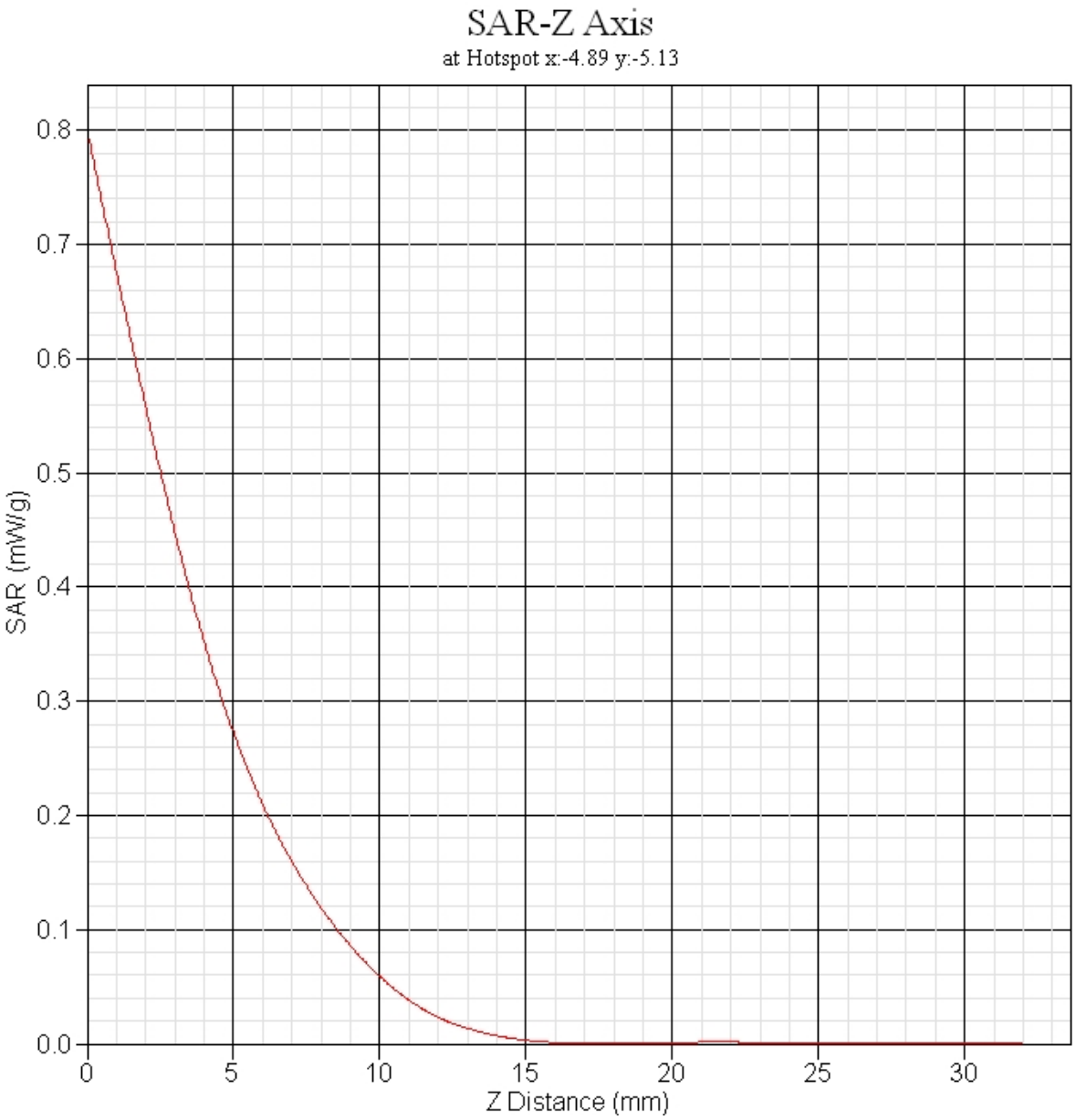
Probe Data
Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 20-Aug-2012
Frequency : 2450.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.55
Probe Sensitivity: 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

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

Other Data
DUT Position : Touch
Separation : 0
Channel : Low



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


SAR-Z Axis
at Hotspot x:-4.89 y:-5.13
SAR (mW/g)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
5
10
15
20
25
30
Z Distance (mm)