Appendix D: SAR Measurement Data

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
1	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna 90°	0.5	1	0.822
2	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna 90°	0.5	6	0.847
3	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna 90°	0.5	11	0.445
4	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna 180°	0.5	1	0.842
5	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna 180°	0.5	6	0.870
6	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna 180°	0.5	11	0.425
7	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna Bottom	0.5	6	0.015
8	Wifi	802.11b	with USB Cable connect to Notebook Dipole Antenna Top	0.5	6	0.001
9	Wifi	802.11b	with USB Cable connect to Notebook PCB Antenna Horizontal-Down	0.5	6	0.212
10	Wifi	802.11b	with USB Cable connect to Notebook PCB Antenna Horizontal-Up	0.5	6	0.258
11	Wifi	802.11b	with USB Cable connect to Notebook PCB Antenna Vertical-Front	0.5	6	0.002

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
12	Wifi	802.11b	with USB Cable connect to Notebook PCB Antenna Vertical-Back	0.5	6	0.048
13	Wifi	802.11b	direct Inserted to Notebook PCB Antenna Bottom	0.5	6	0.472

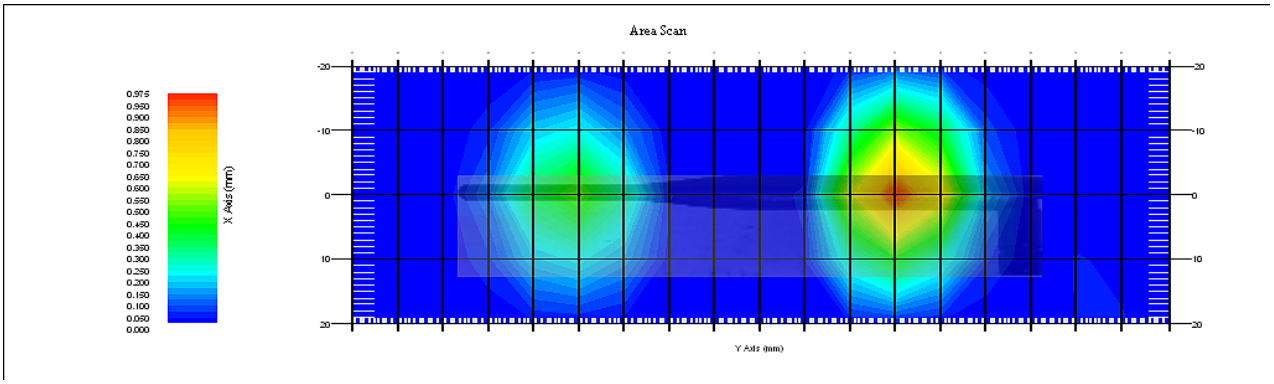
Data No. 1:

```
Report Date       : 07-Jul-2015
By Operator       : 123
Measurement Date  : 07-Jul-2015
Starting Time     : 07-Jul-2015  03:16:32 PM
End Time          : 07-Jul-2015  03:49:04 PM
Scanning Time     : 1952 secs
Product Data
Device Name       : 15LR075
Serial No.        : NA
Type              : Other
Model             : LP8697N
Frequency         : 2450.00 MHz
Max. Transmit Pwr : 0.25 W
Drift Time        : 1 min(s)
Length            : 33 mm
Width             : 183 mm
Depth             : 14 mm
Antenna Type      : Internal
Orientation       : Touch
Power Drift-Start : 0.039 W/kg
Power Drift-Finish: 0.002 W/kg
Power Drift (%)   : -95.611
Picture           : C:\alsas\bitmap\Device-13.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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x19x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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 = 29.900
1 gram SAR value : 0.822 W/kg
10 gram SAR value : 0.319 W/kg
Area Scan Peak SAR : 0.964 W/kg
Zoom Scan Peak SAR : 1.661 W/kg

Maxima Summary:
Maxima #1
Maxima coordinates: X = 0.070, Y = 29.900
1 gram SAR value : 0.822 W/kg
10 gram SAR value : 0.319 W/kg
Area Scan Peak SAR : 0.964 W/kg
Zoom Scan Peak SAR : 1.661 W/kg

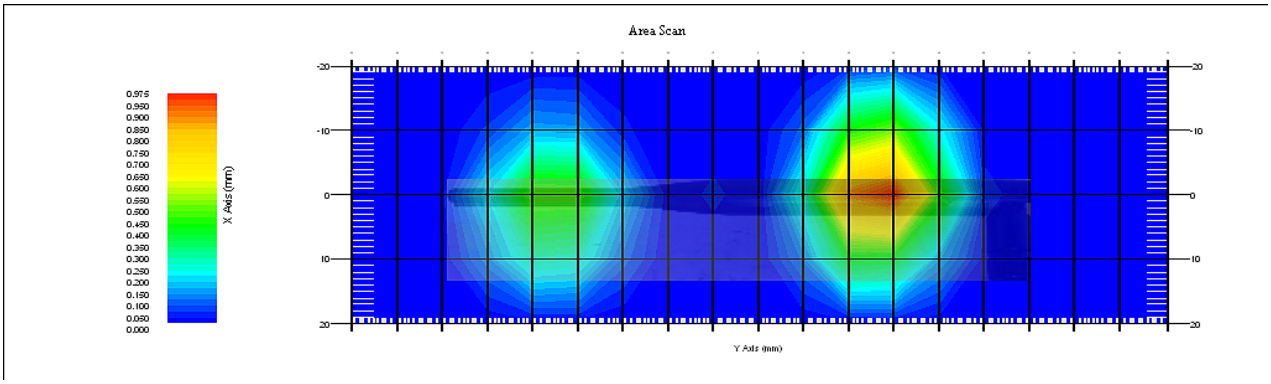
Data No. 2:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  07:18:18 PM
End Time           : 07-Jul-2015  07:50:38 PM
Scanning Time      : 1940 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 33 mm
Width              : 183 mm
Depth              : 14 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.022 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%)    : -95.370
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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x19x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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




```
The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 0.060, Y = 24.900
1 gram SAR value    : 0.847 W/kg
10 gram SAR value   : 0.324 W/kg
Area Scan Peak SAR : 0.973 W/kg
Zoom Scan Peak SAR : 1.801 W/kg


Maxima Summary:
Maxima #1
Maxima coordinates: X = 0.060, Y = 24.900
1 gram SAR value    : 0.847 W/kg
10 gram SAR value   : 0.324 W/kg
Area Scan Peak SAR : 0.973 W/kg
Zoom Scan Peak SAR : 1.801 W/kg
```

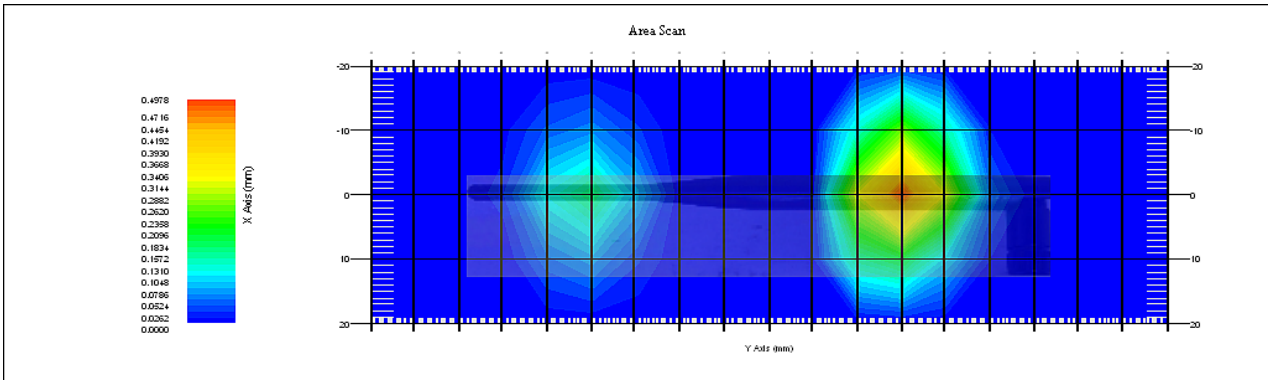
Data No. 3:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  03:50:58 PM
End Time           : 07-Jul-2015  04:23:16 PM
Scanning Time      : 1938 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 33 mm
Width              : 183 mm
Depth              : 14 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-13.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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x19x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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




```
The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 0.060, Y = 29.900
1 gram SAR value    : 0.445 W/kg
10 gram SAR value   : 0.163 W/kg
Area Scan Peak SAR : 0.485 W/kg
Zoom Scan Peak SAR : 0.970 W/kg


Maxima Summary:
Maxima #1
Maxima coordinates: X = 0.060, Y = 29.900
1 gram SAR value    : 0.445 W/kg
10 gram SAR value   : 0.163 W/kg
Area Scan Peak SAR : 0.485 W/kg
Zoom Scan Peak SAR : 0.970 W/kg
```

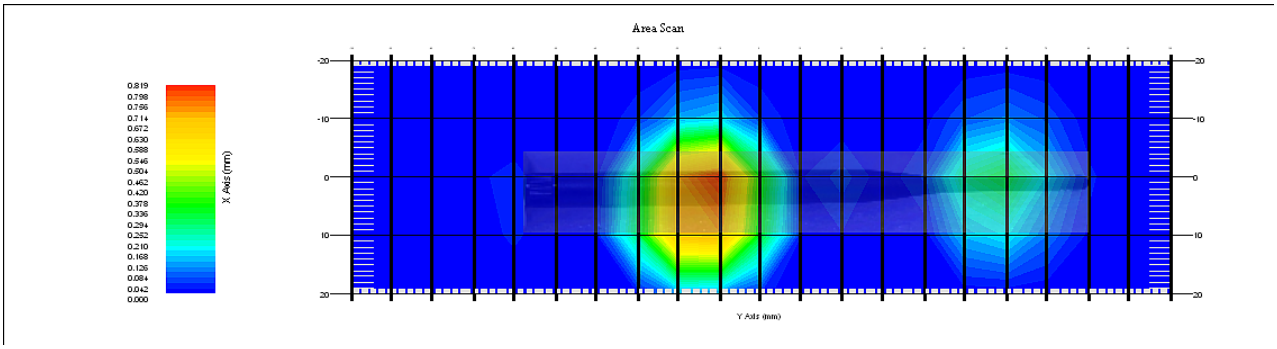
Data No. 4:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  09:42:35 PM
End Time           : 07-Jul-2015  10:16:35 PM
Scanning Time      : 2040 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 29 mm
Width              : 195 mm
Depth              : 14 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.398 W/kg
Power Drift-Finish: 0.307 W/kg
Power Drift (%)    : -22.944
Picture            : C:\alsas\bitmap\Device-7.bmp

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

Tissue Data
Type                          : BODY
Serial No.                    : 2450B
Frequency                     : 2450.00 MHz
Last Calib. Date              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x21x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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



The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 5.070, Y = -10.000
1 gram SAR value : 0.842 W/kg
10 gram SAR value : 0.309 W/kg
Area Scan Peak SAR : 0.806 W/kg
Zoom Scan Peak SAR : 1.841 W/kg

Maxima Summary:
Maxima #1
Maxima coordinates: X = 5.070, Y = -10.000
1 gram SAR value : 0.842 W/kg
10 gram SAR value : 0.309 W/kg
Area Scan Peak SAR : 0.806 W/kg
Zoom Scan Peak SAR : 1.841 W/kg

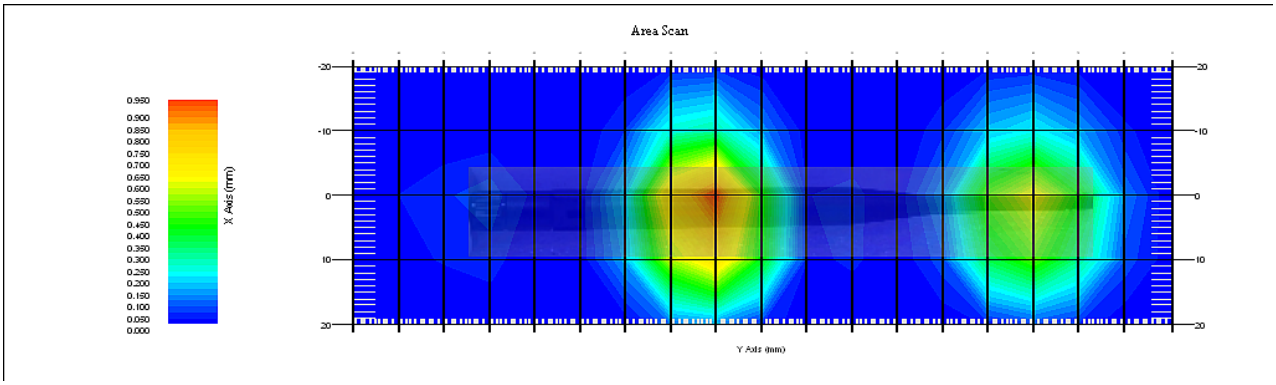
Data No. 5:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  02:04:07 PM
End Time           : 07-Jul-2015  02:36:33 PM
Scanning Time      : 1946 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 29 mm
Width              : 195 mm
Depth              : 14 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.422 W/kg
Power Drift-Finish: 0.470 W/kg
Power Drift (%)    : 11.364
Picture            : C:\alsas\bitmap\Device-12.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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x19x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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




```
The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 5.070, Y = -10.000
1 gram SAR value    : 0.870 W/kg
10 gram SAR value   : 0.335 W/kg
Area Scan Peak SAR : 0.946 W/kg
Zoom Scan Peak SAR : 1.751 W/kg


Maxima Summary:
Maxima #1
Maxima coordinates: X = 5.070, Y = -10.000
1 gram SAR value    : 0.870 W/kg
10 gram SAR value   : 0.335 W/kg
Area Scan Peak SAR : 0.946 W/kg
Zoom Scan Peak SAR : 1.751 W/kg
```

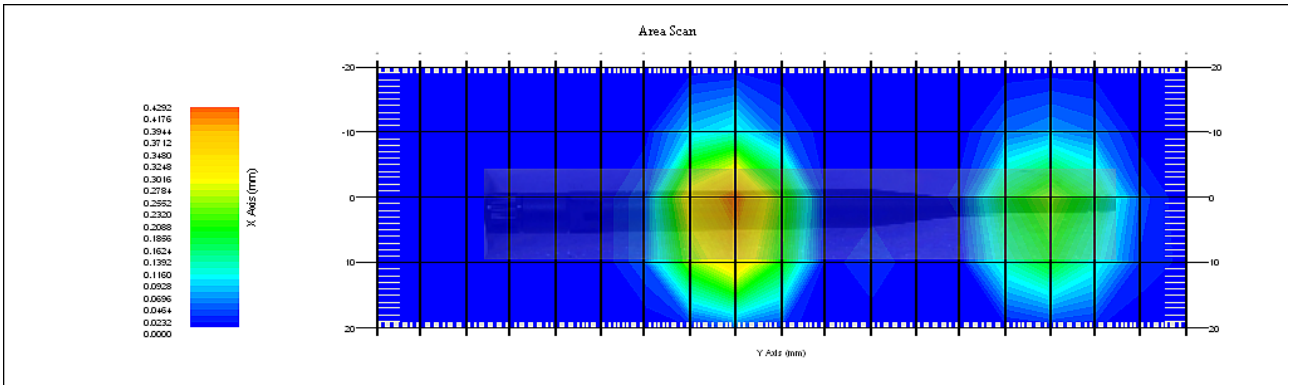
Data No. 6:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  02:39:15 PM
End Time           : 07-Jul-2015  03:11:43 PM
Scanning Time      : 1948 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 29 mm
Width              : 195 mm
Depth              : 14 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.207 W/kg
Power Drift-Finish: 0.216 W/kg
Power Drift (%)    : 4.000
Picture            : C:\alsas\bitmap\Device-12.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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x19x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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




```
The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 5.060, Y = -10.000
1 gram SAR value    : 0.425 W/kg
10 gram SAR value   : 0.152 W/kg
Area Scan Peak SAR : 0.426 W/kg
Zoom Scan Peak SAR : 0.890 W/kg


Maxima Summary:
Maxima #1
Maxima coordinates: X = 5.060, Y = -10.000
1 gram SAR value    : 0.425 W/kg
10 gram SAR value   : 0.152 W/kg
Area Scan Peak SAR : 0.426 W/kg
Zoom Scan Peak SAR : 0.890 W/kg
```

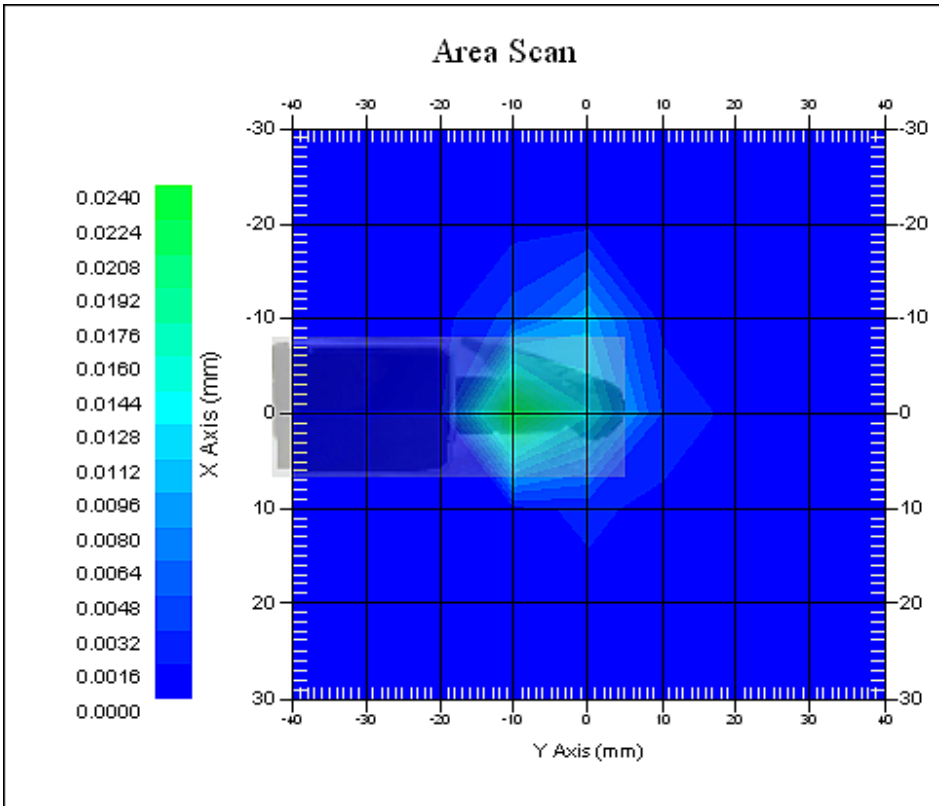
Data No. 7:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  11:40:04 AM
End Time           : 07-Jul-2015  12:07:08 PM
Scanning Time      : 1624 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 29 mm
Width              : 71 mm
Depth              : 183 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.018 W/kg
Power Drift-Finish: 0.012 W/kg
Power Drift (%)    : -36.677
Picture            : C:\alsas\bitmap\Device-11.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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 7x9x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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




```
The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = -4.870, Y = -10.100
1 gram SAR value    : 0.015 W/kg
10 gram SAR value   : 0.004 W/kg
Area Scan Peak SAR : 0.023 W/kg
Zoom Scan Peak SAR : 0.050 W/kg


Maxima Summary:
Maxima #1
Maxima coordinates: X = -4.870, Y = -10.100
1 gram SAR value    : 0.015 W/kg
10 gram SAR value   : 0.004 W/kg
Area Scan Peak SAR : 0.023 W/kg
Zoom Scan Peak SAR : 0.050 W/kg
```

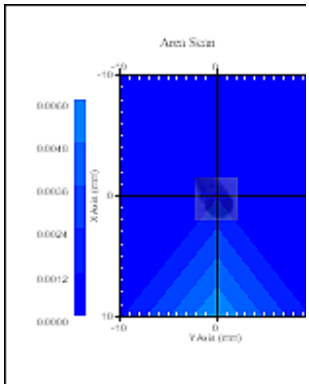
Data No. 8:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  11:15:07 AM
End Time           : 07-Jul-2015  11:32:58 AM
Scanning Time      : 1071 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 10 mm
Width              : 10 mm
Depth              : 71 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%)    : 0.000
Picture            : C:\alsas\bitmap\Device-10.bmp

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

Tissue Data
Type                          : BODY
Serial No.                    : 2450B
Frequency                     : 2450.00 MHz
Last Calib. Date              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 3x3x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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



The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 5.130, Y = 24.900
1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.009 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 = 5.130, Y = 24.900
1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.009 W/kg
Area Scan Peak SAR : 0.006 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

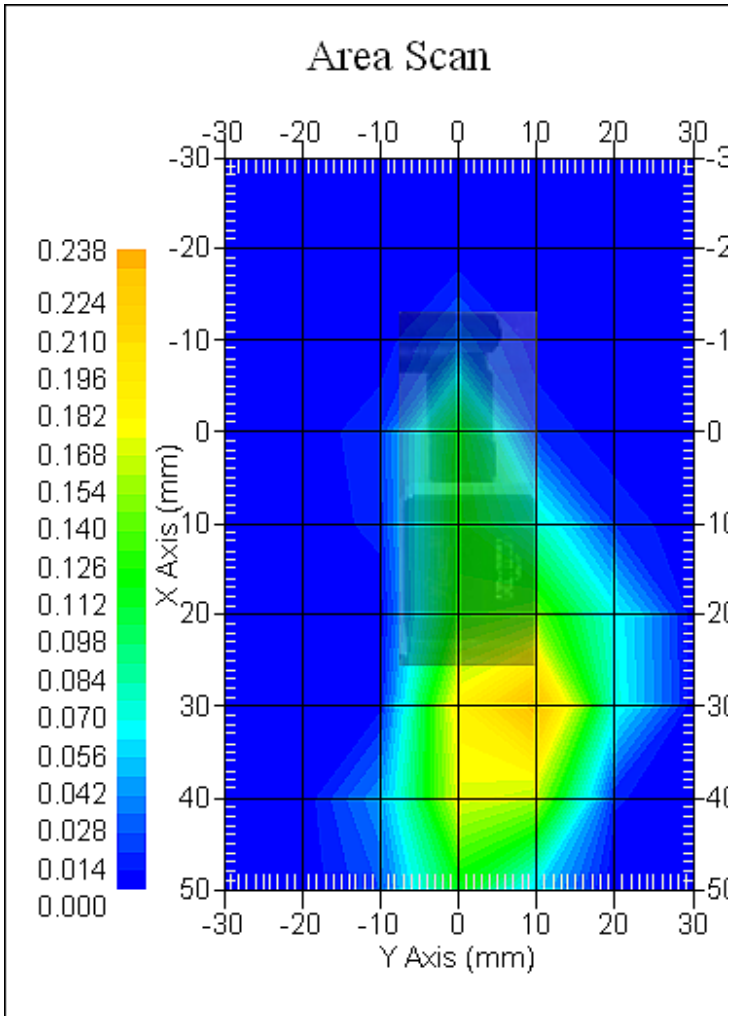
Data No. 9:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  09:36:52 AM
End Time           : 07-Jul-2015  10:03:48 AM
Scanning Time      : 1616 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 71 mm
Width              : 29 mm
Depth              : 14 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.144 W/kg
Power Drift-Finish: 0.088 W/kg
Power Drift (%)    : -38.529
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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 9x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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




```
The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 35.070, Y = 4.900
1 gram SAR value    : 0.212 W/kg
10 gram SAR value   : 0.081 W/kg
Area Scan Peak SAR : 0.238 W/kg
Zoom Scan Peak SAR : 0.440 W/kg


Maxima Summary:
Maxima #1
Maxima coordinates: X = 35.070, Y = 4.900
1 gram SAR value    : 0.212 W/kg
10 gram SAR value   : 0.081 W/kg
Area Scan Peak SAR : 0.238 W/kg
Zoom Scan Peak SAR : 0.440 W/kg
```

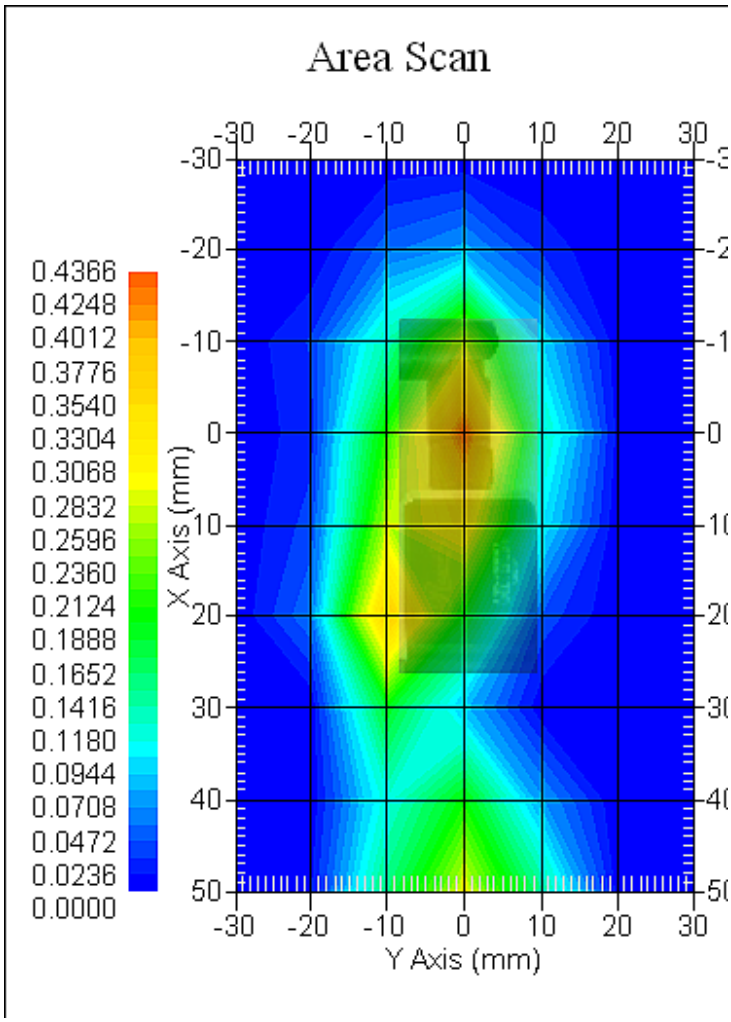
Data No. 10:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  08:47:12 PM
End Time           : 07-Jul-2015  09:30:11 PM
Scanning Time      : 2579 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 71 mm
Width              : 29 mm
Depth              : 14 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.522 W/kg
Power Drift-Finish: 0.395 W/kg
Power Drift (%)    : -24.388
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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 06-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 9x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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



The system detected 2 maxima.
Selected highest maxima # = 2.
Maxima #2 coordinates: X = 0.060, Y = 0.000
1 gram SAR value : 0.343 W/kg
10 gram SAR value : 0.127 W/kg
Area Scan Peak SAR : 0.430 W/kg
Zoom Scan Peak SAR : 0.770 W/kg

Maxima Summary:
Maxima #1
Maxima coordinates: X = 5.070, Y = 0.000
1 gram SAR value : 0.291 W/kg
10 gram SAR value : 0.100 W/kg
Area Scan Peak SAR : 0.430 W/kg
Zoom Scan Peak SAR : 0.710 W/kg

Maxima #2

```
Maxima coordinates: X = 0.060, Y = 0.000
1 gram SAR value   : 0.343 W/kg
10 gram SAR value  : 0.127 W/kg
Area Scan Peak SAR : 0.430 W/kg
Zoom Scan Peak SAR : 0.770 W/kg
```

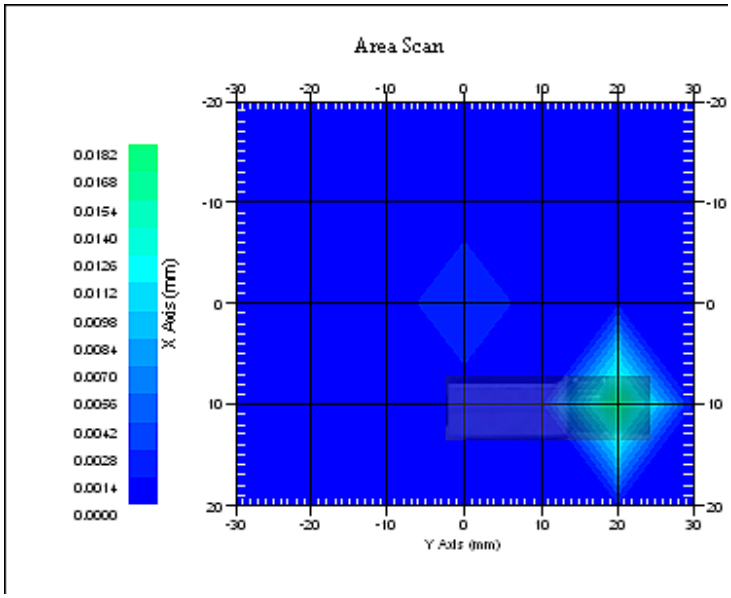
Data No. 11:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  10:42:36 AM
End Time           : 07-Jul-2015  11:04:51 AM
Scanning Time      : 1335 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 14 mm
Width              : 42 mm
Depth              : 29 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.004 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%)    : -75.542
Picture            : C:\alsas\bitmap\Device-9.bmp

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

Tissue Data
Type                          : BODY
Serial No.                    : 2450B
Frequency                     : 2450.00 MHz
Last Calib. Date              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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



The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = -4.900, Y = 4.900
1 gram SAR value : 0.002 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.017 W/kg
Zoom Scan Peak SAR : 0.010 W/kg

Maxima Summary:
Maxima #1
Maxima coordinates: X = -4.900, Y = 4.900
1 gram SAR value : 0.002 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.017 W/kg
Zoom Scan Peak SAR : 0.010 W/kg

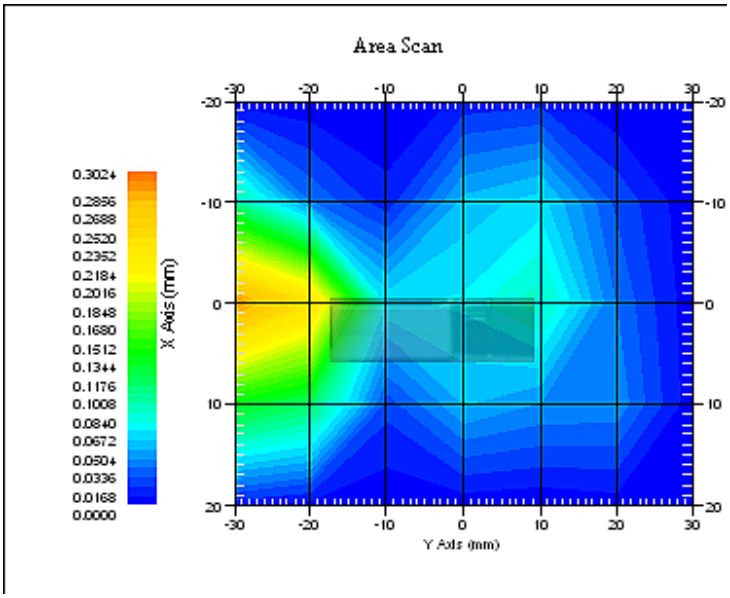
Data No. 12:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  10:16:52 AM
End Time           : 07-Jul-2015  10:39:10 AM
Scanning Time      : 1338 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 14 mm
Width              : 42 mm
Depth              : 29 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.090 W/kg
Power Drift-Finish: 0.056 W/kg
Power Drift (%)    : -38.073
Picture            : C:\alsas\bitmap\Device-9.bmp

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

Tissue Data
Type                          : BODY
Serial No.                    : 2450B
Frequency                     : 2450.00 MHz
Last Calib. Date              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 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 : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
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. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 5x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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



The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = -4.900, Y = 4.900
1 gram SAR value : 0.048 W/kg
10 gram SAR value : 0.017 W/kg
Area Scan Peak SAR : 0.296 W/kg
Zoom Scan Peak SAR : 0.180 W/kg

Maxima Summary:
Maxima #1
Maxima coordinates: X = -4.900, Y = 4.900
1 gram SAR value : 0.048 W/kg
10 gram SAR value : 0.017 W/kg
Area Scan Peak SAR : 0.296 W/kg
Zoom Scan Peak SAR : 0.180 W/kg

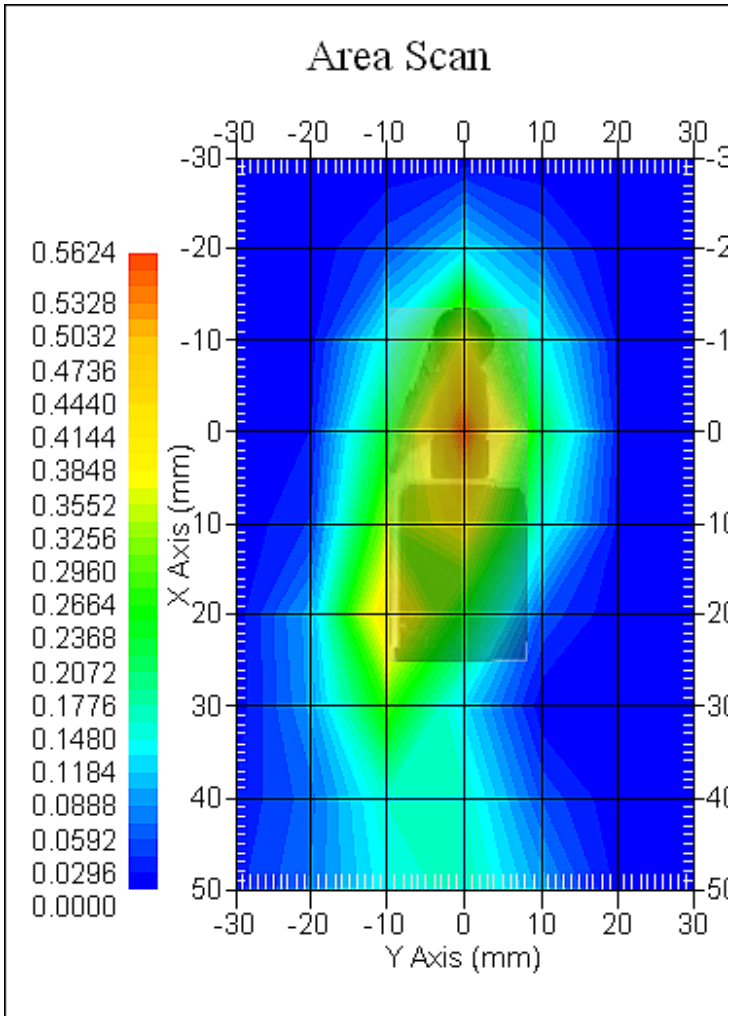
Data No. 13:

```
Report Date        : 07-Jul-2015
By Operator        : 123
Measurement Date   : 07-Jul-2015
Starting Time      : 07-Jul-2015  07:38:04 PM
End Time           : 07-Jul-2015  08:05:03 PM
Scanning Time      : 1619 secs
Product Data
Device Name        : 15LR075
Serial No.         : NA
Type               : Other
Model              : LP8697N
Frequency          : 2450.00 MHz
Max. Transmit Pwr  : 0.25 W
Drift Time         : 1 min(s)
Length             : 71 mm
Width              : 29 mm
Depth              : 183 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.622 W/kg
Power Drift-Finish: 0.532 W/kg
Power Drift (%)    : -14.529
Picture            : C:\alsas\bitmap\Device-14.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              : 07-Jul-2015
Temperature                   : 22.00 °C
Ambient Temp.                 : 22.00 °C
Humidity                      : 62.00 RH%
Epsilon (Dielectric Constant): 53.33
Sigma                         : 1.94 S/m
Density                       : 1000.00 kg/cu. m
```

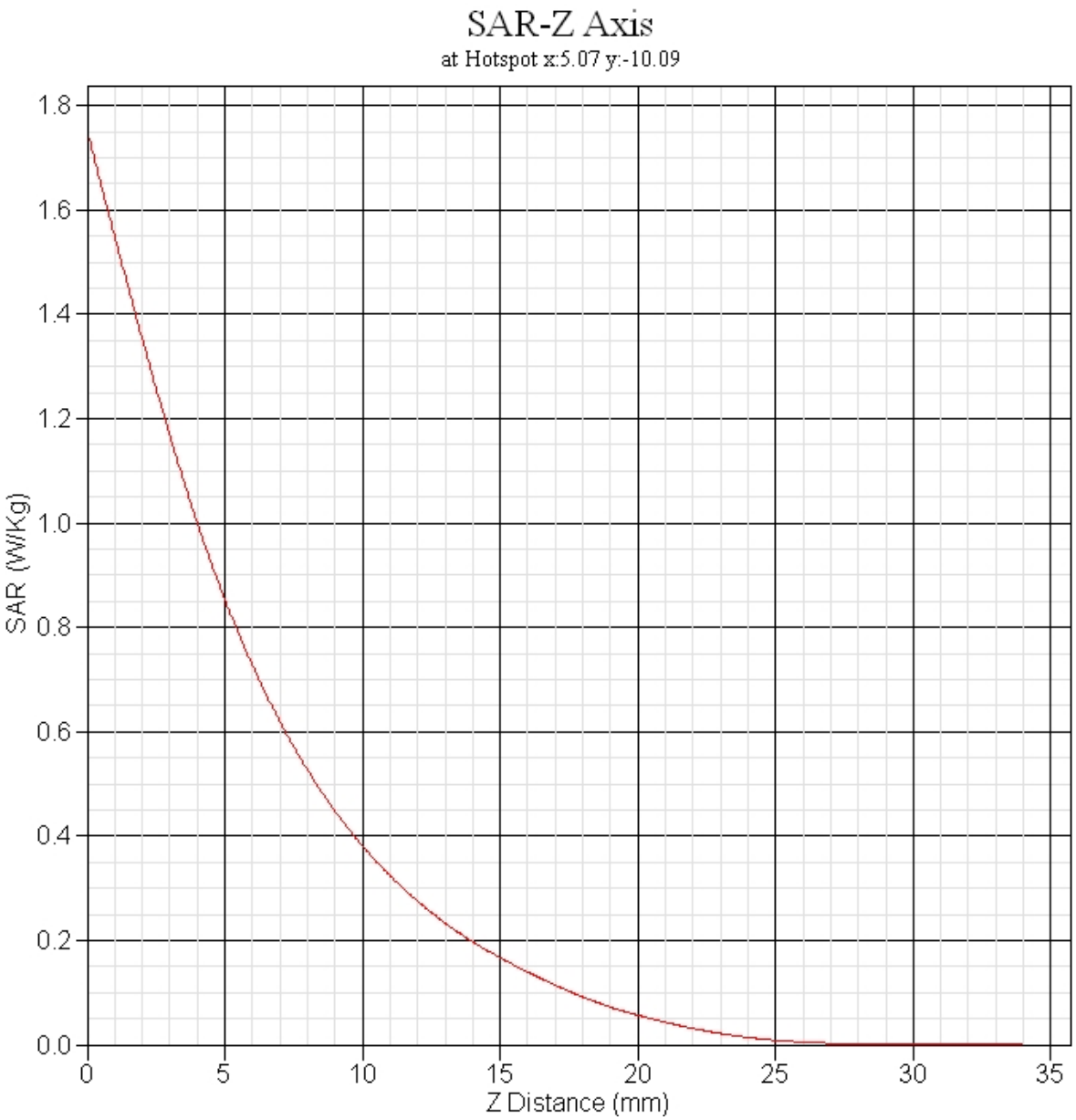
Probe Data
Name : E-field
Model : E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 12-Jan-2015
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.9
Probe Sensitivity : 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 22.00 °C
Set-up Date : 07-Jul-2015
Set-up Time : 3:49:46 PM
Area Scan : 9x7x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

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




```
The system detected 1 maxima.
Selected highest maxima # = 1.
Maxima #1 coordinates: X = 0.060, Y = 0.000
1 gram SAR value    : 0.472 W/kg
10 gram SAR value   : 0.178 W/kg
Area Scan Peak SAR : 0.552 W/kg
Zoom Scan Peak SAR : 1.060 W/kg


Maxima Summary:
Maxima #1
Maxima coordinates: X = 0.060, Y = 0.000
1 gram SAR value    : 0.472 W/kg
10 gram SAR value   : 0.178 W/kg
Area Scan Peak SAR : 0.552 W/kg
Zoom Scan Peak SAR : 1.060 W/kg
```


SAR-Z Axis
at Hotspot x:5.07 y:-10.09
SAR (W/Kg)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Z Distance (mm)