Appendix D: SAR Measurement Data

Host PC V100-G4

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
1	GPRS 850	GMSK	Notebook mode Bottom	0	Low	0.001
2			Tablet mode top	0	Low	0.019
3			Tablet mode top	0	Mid	0.018
4			Tablet mode top	0	High	0.018
5			Tablet mode back	0	Low	0.001
6			Tablet mode Bottom	0	Low	0.002
7	GPRS 1900	GMSK	Notebook mode Bottom	0	Low	0.001
8			Tablet mode top	0	Low	0.068
9			Tablet mode top	0	Mid	0.054
10			Tablet mode top	0	High	0.060
11			Tablet mode back	0	Low	0.001
12			Tablet mode Bottom	0	Low	0.027
13	CDMA 2000 850	RC3 (SO55)	Notebook mode Bottom	0	High	0.001
14			Tablet mode top	0	High	0.038
15			Tablet mode top	0	Low	0.021
16			Tablet mode top	0	Mid	0.018
17			Tablet mode back	0	High	0.026
18			Tablet mode Bottom	0	High	0.001
19	CDMA 2000 1900	RC3 (SO55)	Notebook mode Bottom	0	Mid	0.001
20			Tablet mode top	0	Mid	0.111
21			Tablet mode top	0	Low	0.107
22			Tablet mode top	0	High	0.105
23			Tablet mode back	0	Mid	0.009
24			Tablet mode Bottom	0	Mid	0.022

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
25	WCDMA Band 2	RMC 12.2K	Notebook mode Bottom	0	Low	0.001
26			Tablet mode top	0	Low	0.137
27			Tablet mode top	0	Mid	0.072
28			Tablet mode top	0	High	0.060
29			Tablet mode back	0	Low	0.001
30			Tablet mode Bottom	0	Low	0.001
31	WCDMA Band 4	RMC 12.2K	Notebook mode Bottom	0	Low	0.001
32			Tablet mode top	0	Low	**0.142**
33			Tablet mode top	0	Mid	0.071
34			Tablet mode top	0	High	0.090
35			Tablet mode back	0	Low	0.023
36			Tablet mode Bottom	0	Low	0.001
37	WCDMA Band 5	RMC 12.2K	Notebook mode Bottom	0	Low	0.001
38			Tablet mode top	0	Low	0.054
39			Tablet mode top	0	Mid	0.032
40			Tablet mode top	0	High	0.030
41			Tablet mode back	0	Low	0.004
42			Tablet mode Bottom	0	Low	0.001

Host PC V200-G2

43	WCDMA Band 4	RMC 12.2K	Tablet mode top	0	Low	0.030

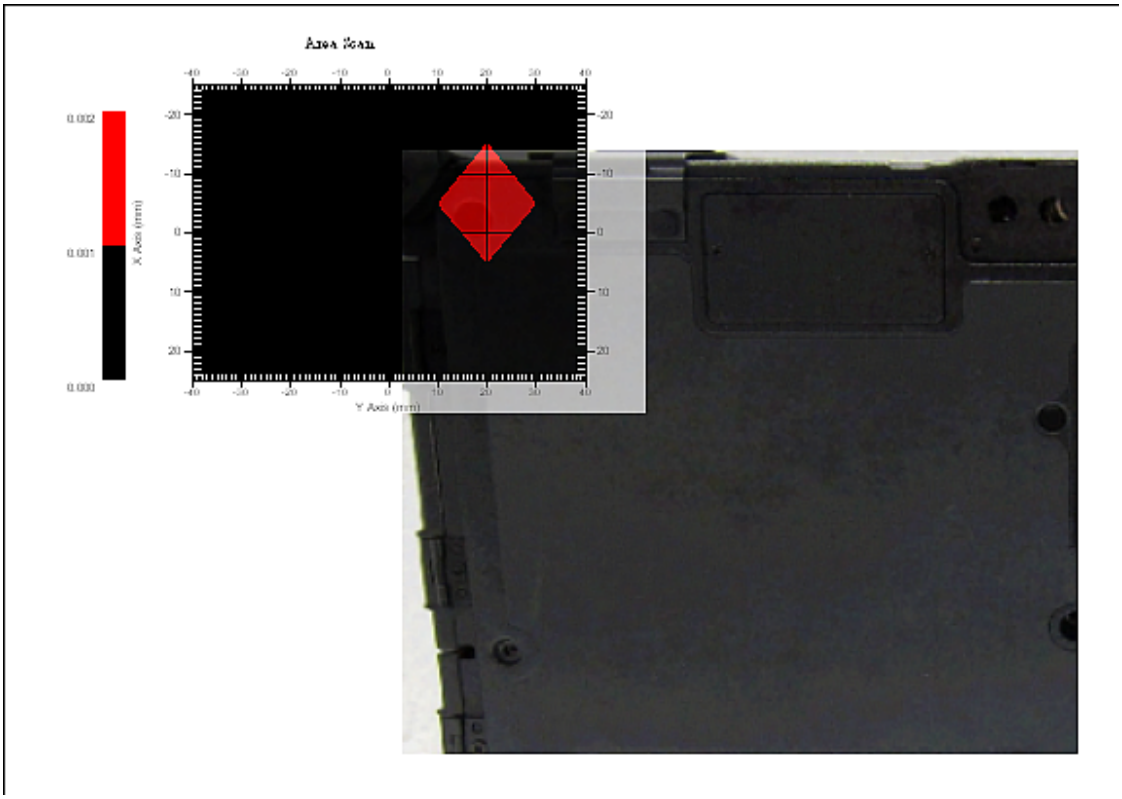
Data No. 1:

```
Report Date        : 04-Jun-2012
By Operator        : Dino
Measurement Date   : 04-Jun-2012
Starting Time      : 04-Jun-2012  06:29:49 PM
End Time           : 04-Jun-2012  06:54:41 PM
Scanning Time      : 1492 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 120 mm
Width              : 135 mm
Depth              : 55 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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 04-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 6x9x1 : 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



1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.002 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

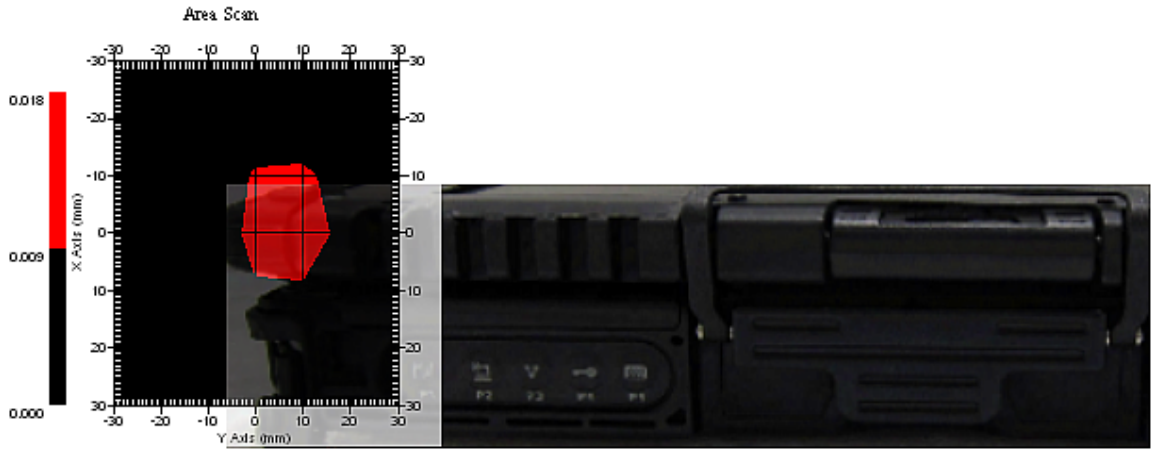
Data No. 2:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  09:47:39 AM
End Time           : 14-Jun-2012  10:11:46 AM
Scanning Time      : 1447 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.013 W/kg
Power Drift-Finish: 0.013 W/kg
Power Drift (%)    : 3.586
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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.019 W/kg
10 gram SAR value : 0.007 W/kg
Area Scan Peak SAR : 0.017 W/kg
Zoom Scan Peak SAR : 0.040 W/kg

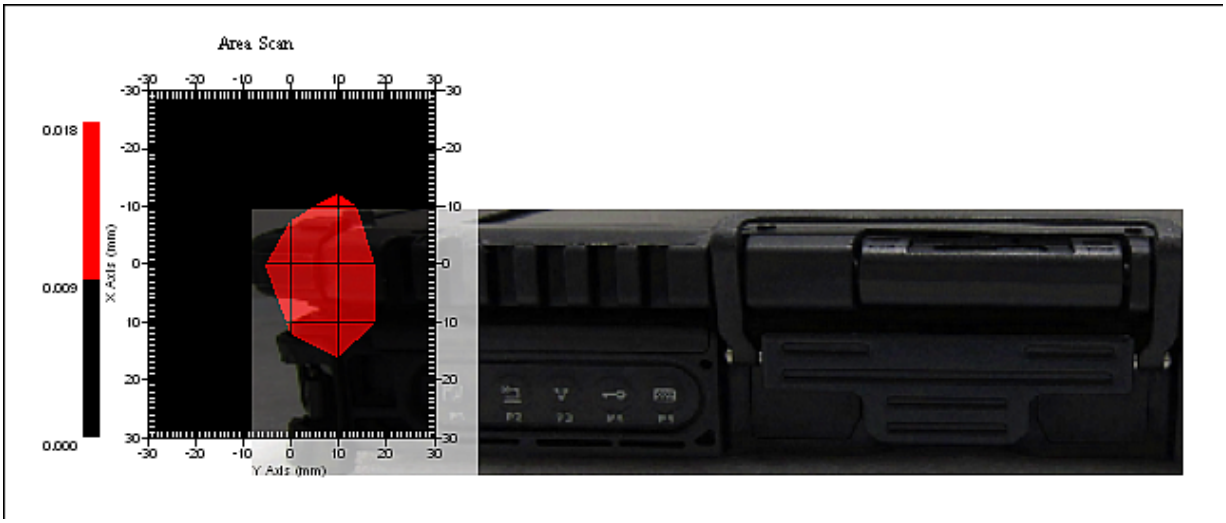
Data No. 3:

```
Report Date        : 05-Jun-2012
By Operator        : Dino
Measurement Date   : 05-Jun-2012
Starting Time      : 05-Jun-2012  10:21:31 AM
End Time           : 05-Jun-2012  10:45:35 AM
Scanning Time      : 1444 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.013 W/kg
Power Drift-Finish: 0.012 W/kg
Power Drift (%)    : -9.256
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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 04-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.018 W/kg
10 gram SAR value : 0.006 W/kg
Area Scan Peak SAR : 0.017 W/kg
Zoom Scan Peak SAR : 0.040 W/kg

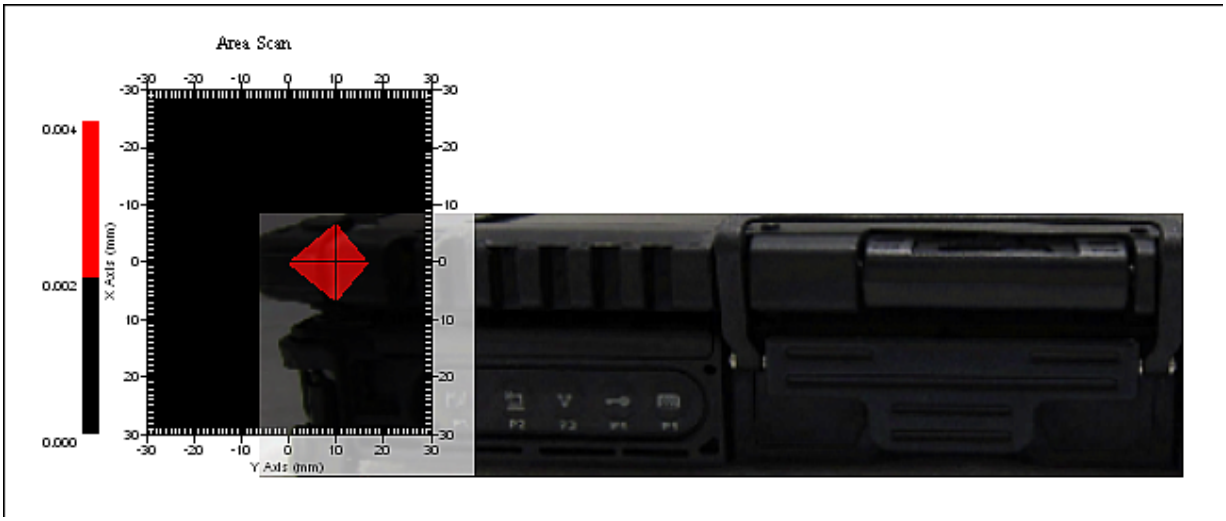
Data No. 4:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  10:14:23 AM
End Time           : 14-Jun-2012  10:38:24 AM
Scanning Time      : 1441 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.002 W/kg
Power Drift-Finish: 0.016 W/kg
Power Drift (%)    : 838.167
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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.018 W/kg
10 gram SAR value : 0.007 W/kg
Area Scan Peak SAR : 0.004 W/kg
Zoom Scan Peak SAR : 0.040 W/kg

Data No. 5:

```
Report Date        : 07-Jun-2012
By Operator        : Dino
Measurement Date   : 07-Jun-2012
Starting Time      : 07-Jun-2012  04:30:31 PM
End Time           : 07-Jun-2012  04:58:55 PM
Scanning Time      : 1704 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 145 mm
Width              : 120 mm
Depth              : 55 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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 07-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 8x9x1 : 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

1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.002 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

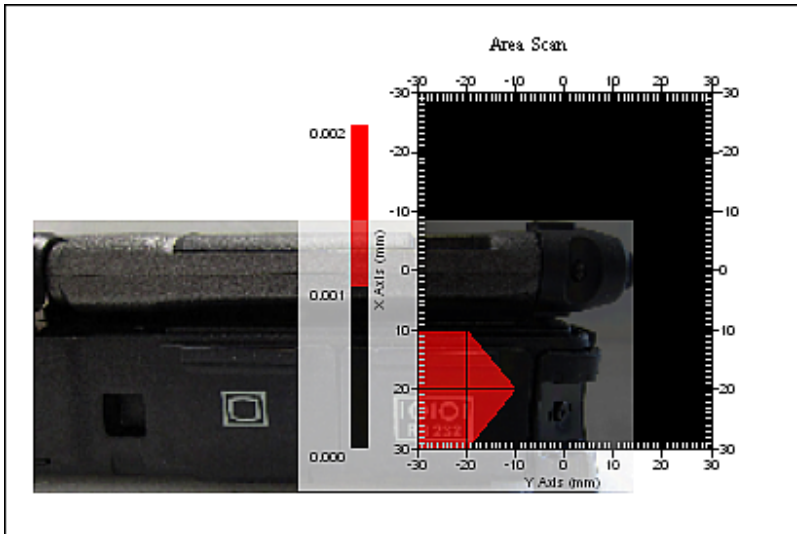
Data No. 6:

```
Report Date        : 13-Jun-2012
By Operator        : Dino
Measurement Date   : 13-Jun-2012
Starting Time      : 13-Jun-2012  11:13:04 AM
End Time           : 13-Jun-2012  11:37:18 AM
Scanning Time      : 1454 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 120 mm
Depth              : 225 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-6.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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.002 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.002 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

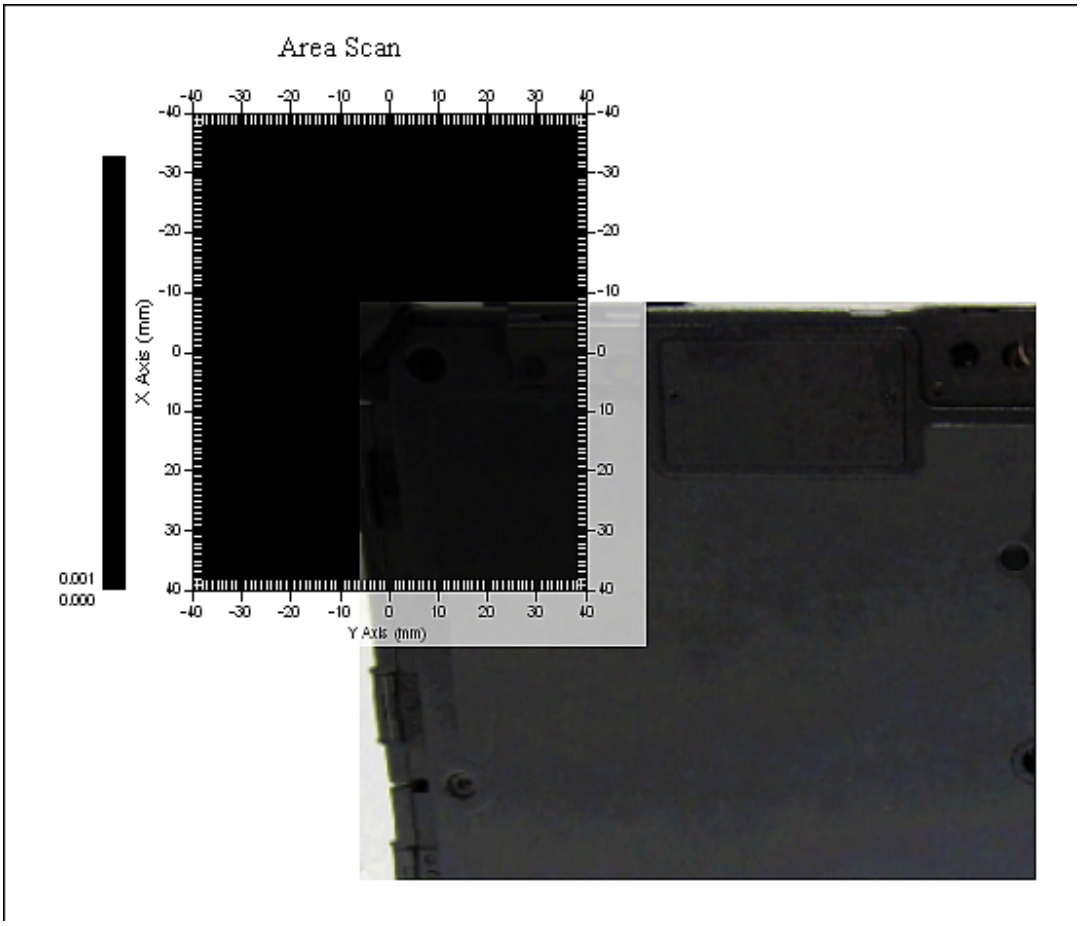
Data No. 7:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  03:44:28 PM
End Time           : 14-Jun-2012  04:14:10 PM
Scanning Time      : 1782 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 115 mm
Width              : 135 mm
Depth              : 55 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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 14-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 9x9x1 : 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



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

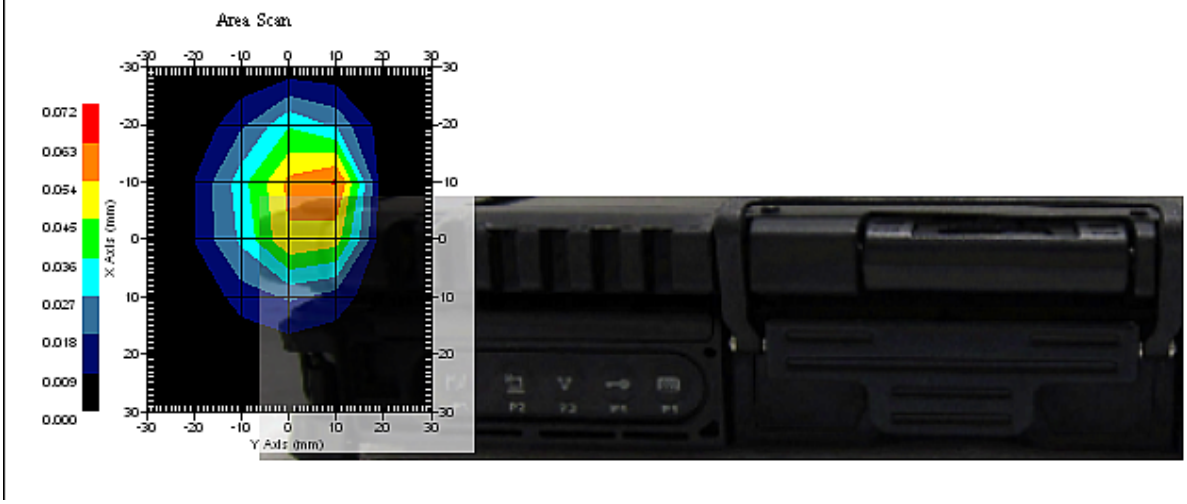
Data No. 8:

```
Report Date        : 13-Jun-2012
By Operator        : Dino
Measurement Date   : 13-Jun-2012
Starting Time      : 13-Jun-2012  10:01:47 AM
End Time           : 13-Jun-2012  10:26:27 AM
Scanning Time      : 1480 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.058 W/kg
Power Drift-Finish: 0.046 W/kg
Power Drift (%)    : -21.665
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.068 W/kg
10 gram SAR value : 0.024 W/kg
Area Scan Peak SAR : 0.064 W/kg
Zoom Scan Peak SAR : 0.150 W/kg

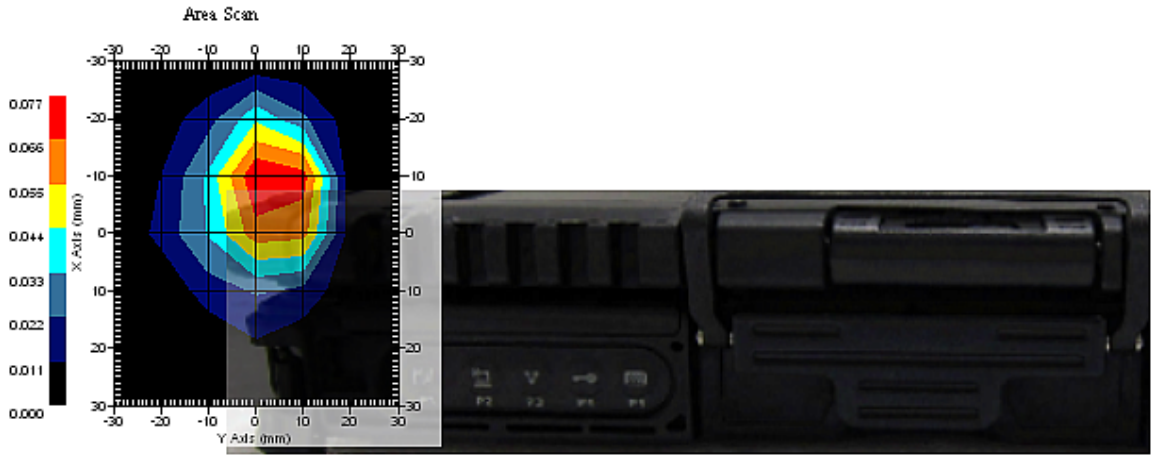
Data No. 9:

```
Report Date        : 13-Jun-2012
By Operator        : Dino
Measurement Date   : 13-Jun-2012
Starting Time      : 13-Jun-2012  09:35:34 AM
End Time           : 13-Jun-2012  10:00:12 AM
Scanning Time      : 1478 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.068 W/kg
Power Drift-Finish: 0.060 W/kg
Power Drift (%)    : -11.724
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.054 W/kg
10 gram SAR value : 0.016 W/kg
Area Scan Peak SAR : 0.077 W/kg
Zoom Scan Peak SAR : 0.170 W/kg

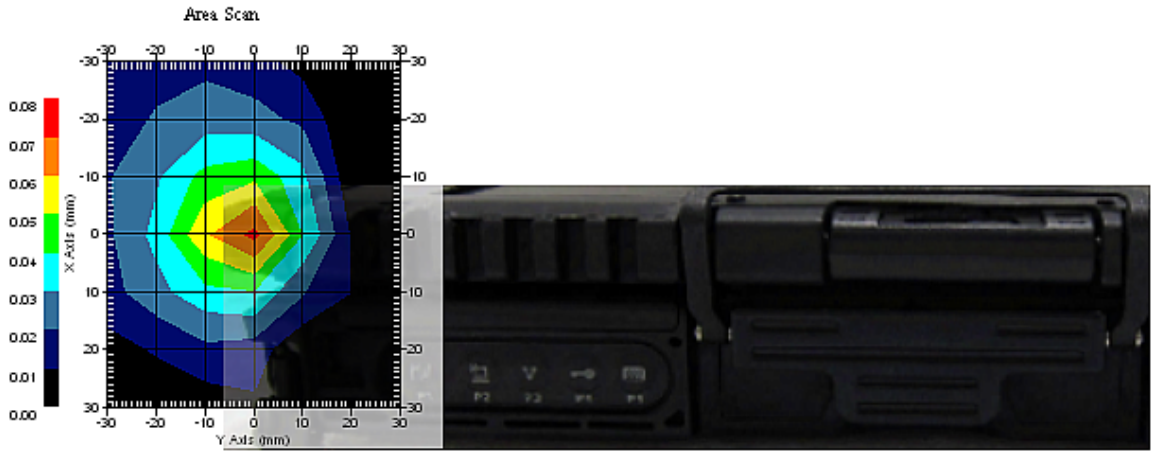
Data No. 10:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  02:43:50 PM
End Time           : 14-Jun-2012  03:08:17 PM
Scanning Time      : 1467 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.077 W/kg
Power Drift-Finish: 0.087 W/kg
Power Drift (%)    : 13.224
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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.060 W/kg
10 gram SAR value : 0.024 W/kg
Area Scan Peak SAR : 0.073 W/kg
Zoom Scan Peak SAR : 0.120 W/kg

Data No. 11:

```
Report Date        : 11-Jun-2012
By Operator        : Dino
Measurement Date   : 11-Jun-2012
Starting Time      : 11-Jun-2012  11:39:43 AM
End Time           : 11-Jun-2012  12:09:48 PM
Scanning Time      : 1805 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 145 mm
Width              : 120 mm
Depth              : 225 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-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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 9x9x1 : 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


```
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
```

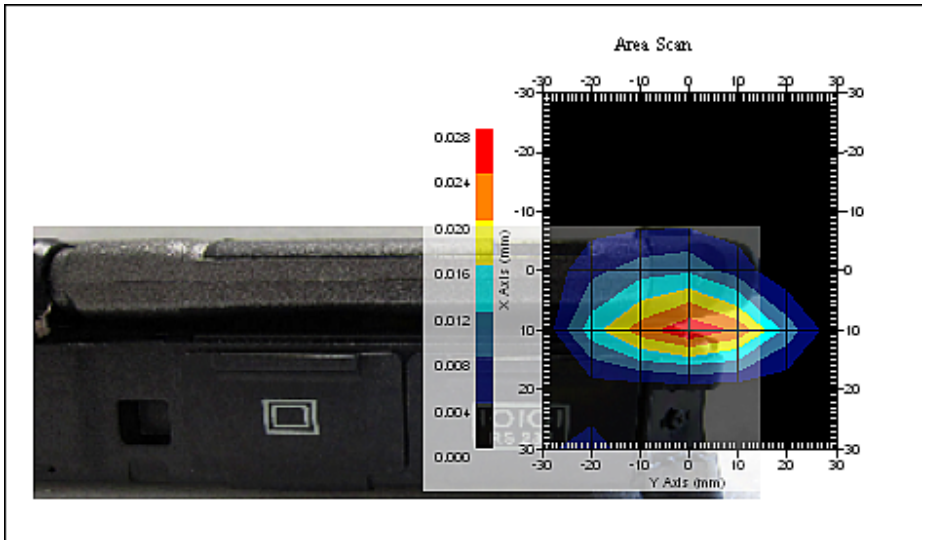
Data No. 12:

```
Report Date        : 11-Jun-2012
By Operator        : Dino
Measurement Date   : 11-Jun-2012
Starting Time      : 11-Jun-2012  05:18:02 PM
End Time           : 11-Jun-2012  05:42:23 PM
Scanning Time      : 1461 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 145 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.012 W/kg
Power Drift-Finish: 0.003 W/kg
Power Drift (%)    : -72.612
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.027 W/kg
10 gram SAR value : 0.009 W/kg
Area Scan Peak SAR : 0.027 W/kg
Zoom Scan Peak SAR : 0.080 W/kg

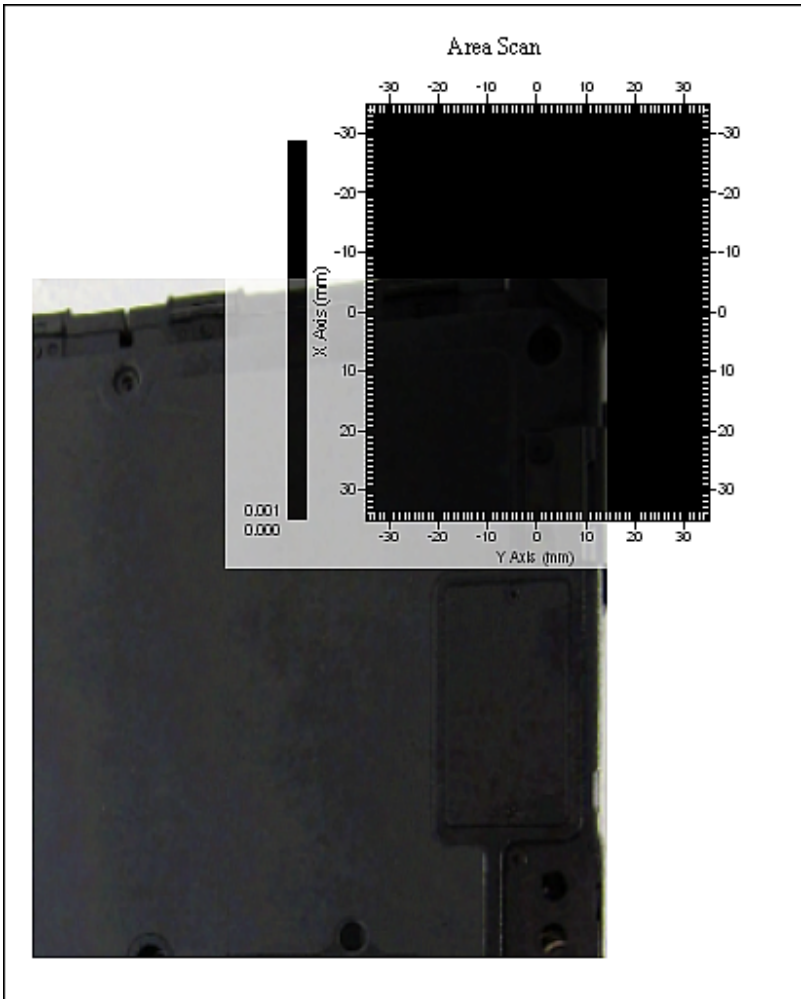
Data No. 13:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  06:15:21 PM
End Time           : 14-Jun-2012  06:42:22 PM
Scanning Time      : 1621 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 135 mm
Width              : 115 mm
Depth              : 55 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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 14-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 8x8x1 : 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



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

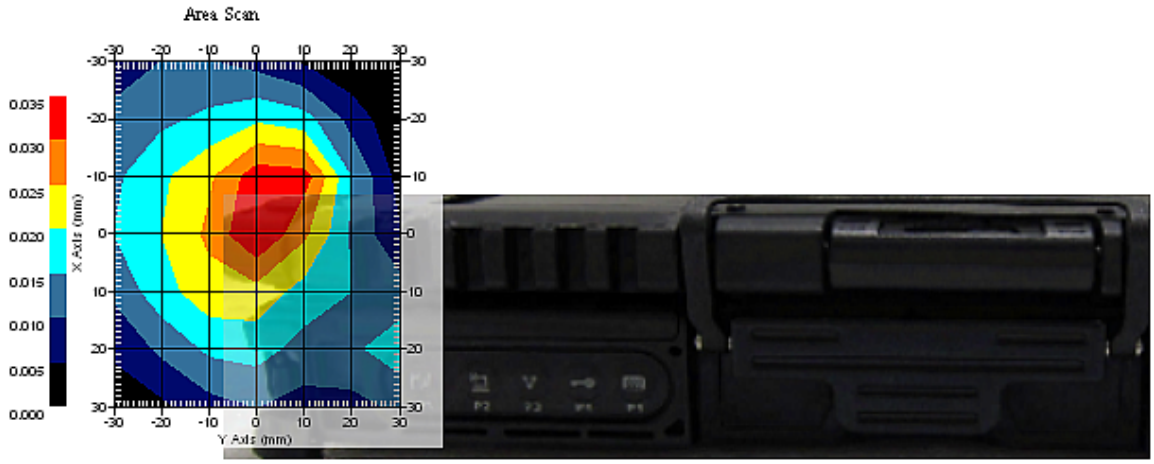
Data No. 14:

```
Report Date        : 07-Jun-2012
By Operator        : Dino
Measurement Date   : 07-Jun-2012
Starting Time      : 07-Jun-2012  08:18:13 PM
End Time           : 07-Jun-2012  08:42:58 PM
Scanning Time      : 1485 secs

Product Data
Device Name        : 12LR08X
Serial No.         : NA
Type               : Other
Model              : Notenook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.039 W/kg
Power Drift-Finish: 0.033 W/kg
Power Drift (%)    : -14.310
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 07-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.038 W/kg
10 gram SAR value : 0.015 W/kg
Area Scan Peak SAR : 0.035 W/kg
Zoom Scan Peak SAR : 0.080 W/kg

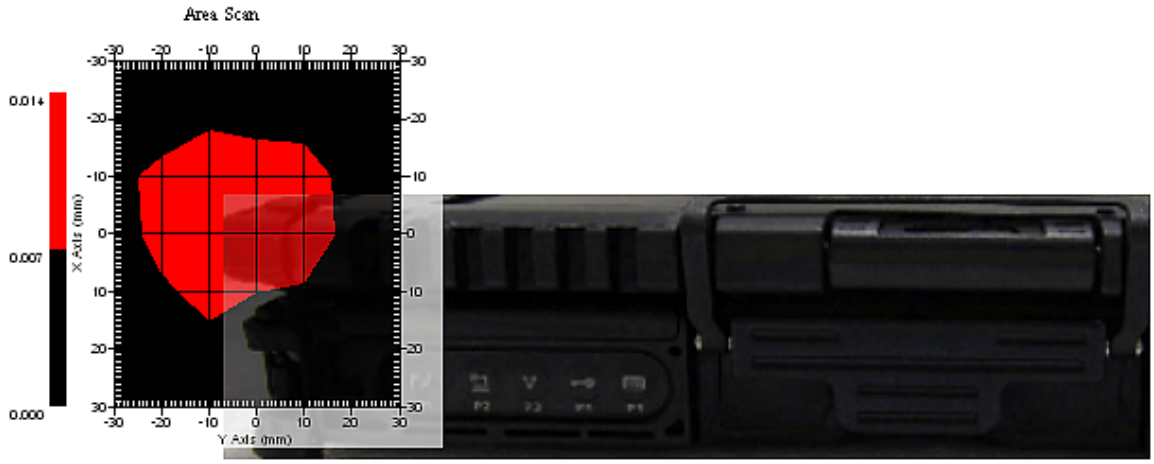
Data No. 15:

```
Report Date        : 07-Jun-2012
By Operator        : Dino
Measurement Date   : 07-Jun-2012
Starting Time      : 07-Jun-2012  09:10:17 PM
End Time           : 07-Jun-2012  09:35:00 PM
Scanning Time      : 1483 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notenook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.013 W/kg
Power Drift-Finish: 0.012 W/kg
Power Drift (%)    : -5.700
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 07-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.018 W/kg
10 gram SAR value : 0.007 W/kg
Area Scan Peak SAR : 0.014 W/kg
Zoom Scan Peak SAR : 0.050 W/kg

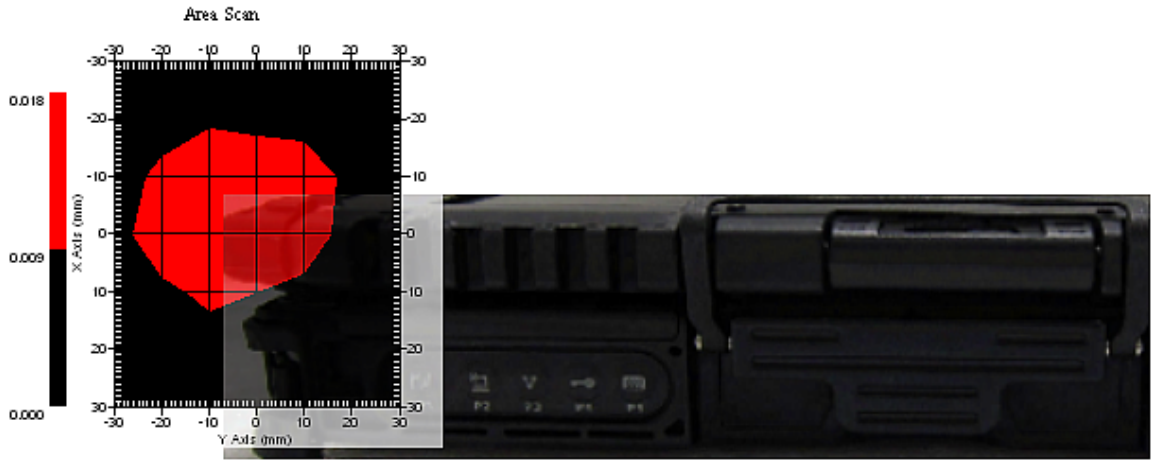
Data No. 16:

```
Report Date        : 07-Jun-2012
By Operator        : Dino
Measurement Date   : 07-Jun-2012
Starting Time      : 07-Jun-2012  08:44:28 PM
End Time           : 07-Jun-2012  09:09:03 PM
Scanning Time      : 1475 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.016 W/kg
Power Drift-Finish: 0.016 W/kg
Power Drift (%)    : -4.852
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 07-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.021 W/kg
10 gram SAR value : 0.008 W/kg
Area Scan Peak SAR : 0.017 W/kg
Zoom Scan Peak SAR : 0.050 W/kg

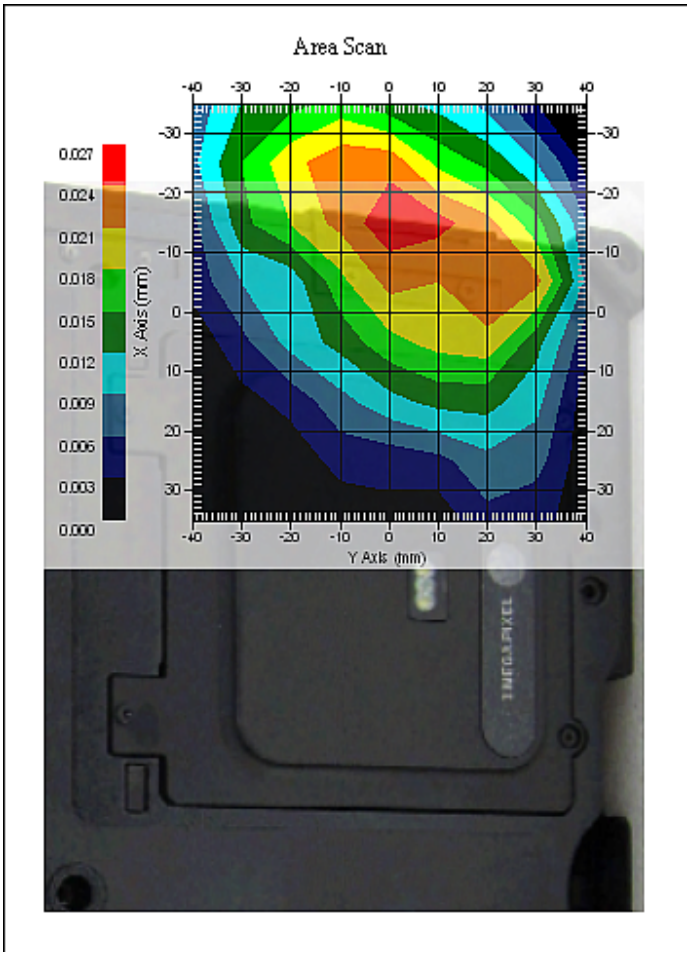
Data No. 17:

```
Report Date        : 07-Jun-2012
By Operator        : Dino
Measurement Date   : 07-Jun-2012
Starting Time      : 07-Jun-2012  07:03:22 PM
End Time           : 07-Jun-2012  07:31:47 PM
Scanning Time      : 1705 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 145 mm
Width              : 120 mm
Depth              : 55 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.020 W/kg
Power Drift-Finish: 0.023 W/kg
Power Drift (%)    : 12.324
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 07-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 8x9x1 : 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



1 gram SAR value : 0.026 W/kg
10 gram SAR value : 0.013 W/kg
Area Scan Peak SAR : 0.026 W/kg
Zoom Scan Peak SAR : 0.040 W/kg

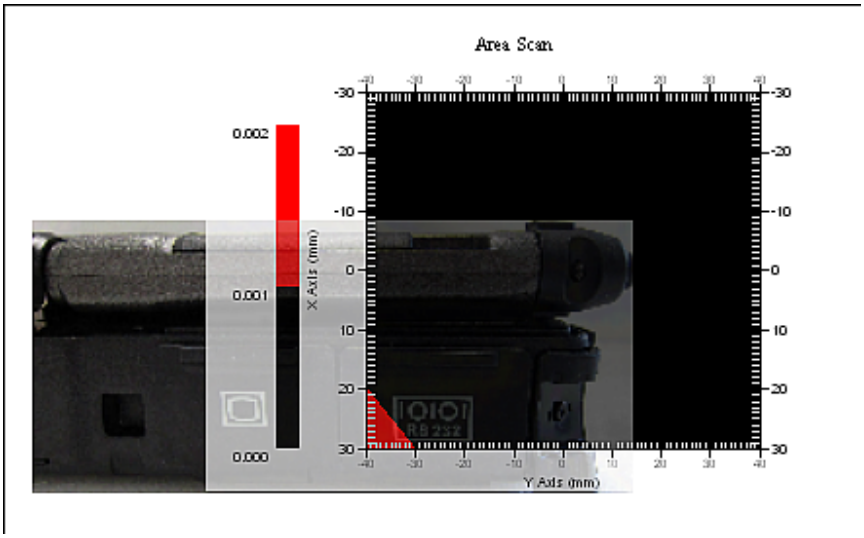
Data No. 18:

```
Report Date        : 13-Jun-2012
By Operator        : Dino
Measurement Date   : 13-Jun-2012
Starting Time      : 13-Jun-2012  01:08:59 PM
End Time           : 13-Jun-2012  01:35:48 PM
Scanning Time      : 1609 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 120 mm
Depth              : 225 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-6.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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
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 : High



1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.002 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

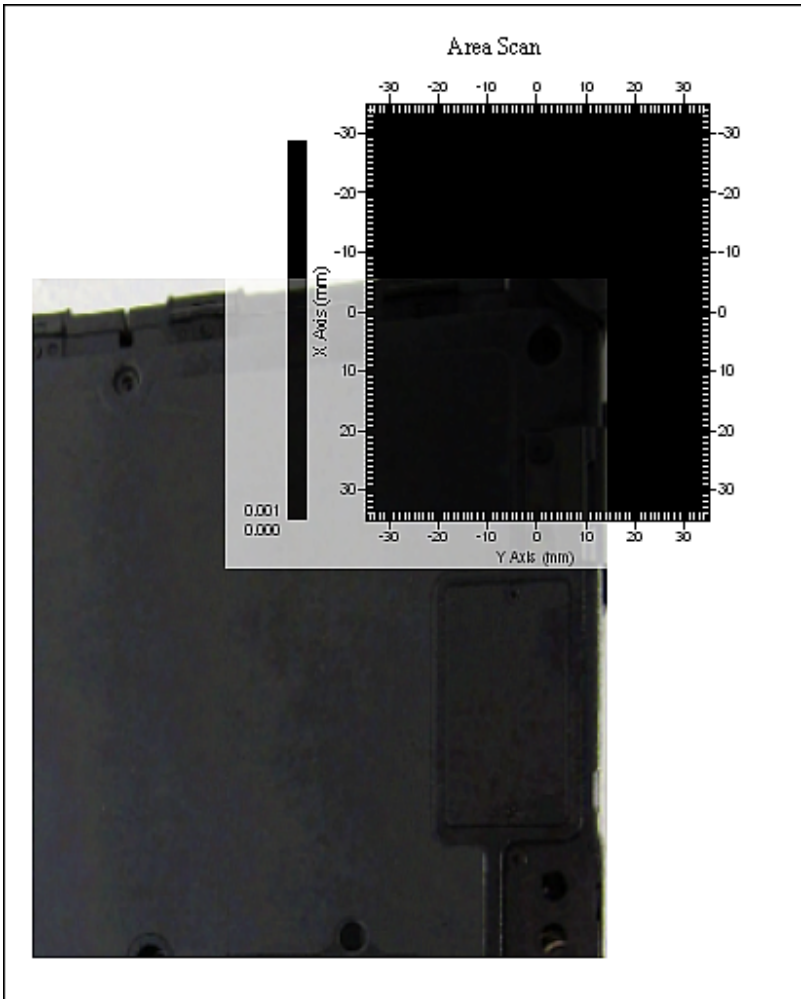
Data No. 19:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  05:04:27 PM
End Time           : 14-Jun-2012  05:31:28 PM
Scanning Time      : 1621 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 135 mm
Width              : 115 mm
Depth              : 55 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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 14-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 8x8x1 : 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



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

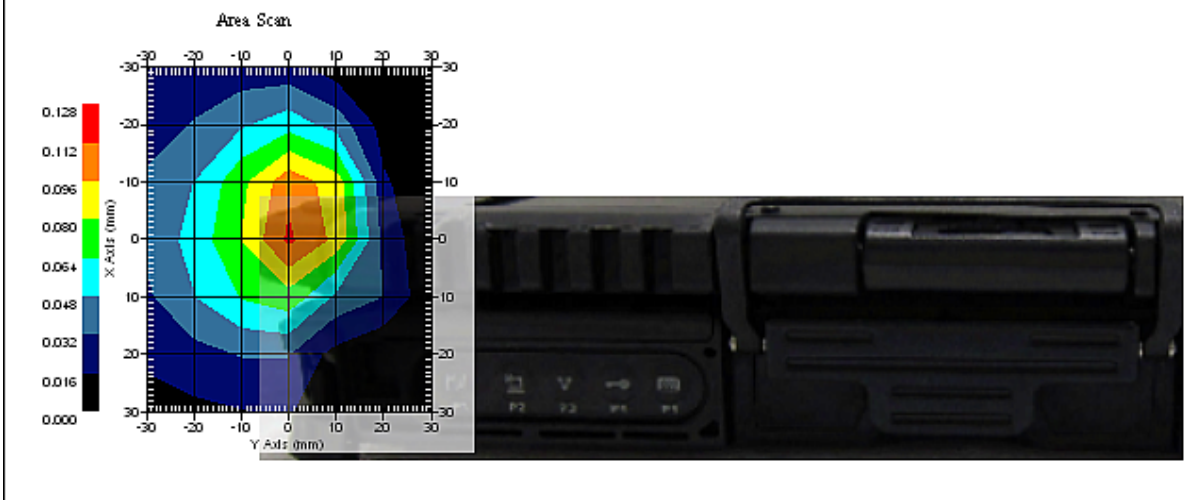
Data No. 20:

```
Report Date        : 08-Jun-2012
By Operator        : Dino
Measurement Date   : 08-Jun-2012
Starting Time      : 08-Jun-2012  05:10:11 PM
End Time           : 08-Jun-2012  05:34:29 PM
Scanning Time      : 1458 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.121 W/kg
Power Drift-Finish: 0.111 W/kg
Power Drift (%)    : -8.696
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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.111 W/kg
10 gram SAR value : 0.046 W/kg
Area Scan Peak SAR : 0.115 W/kg
Zoom Scan Peak SAR : 0.240 W/kg

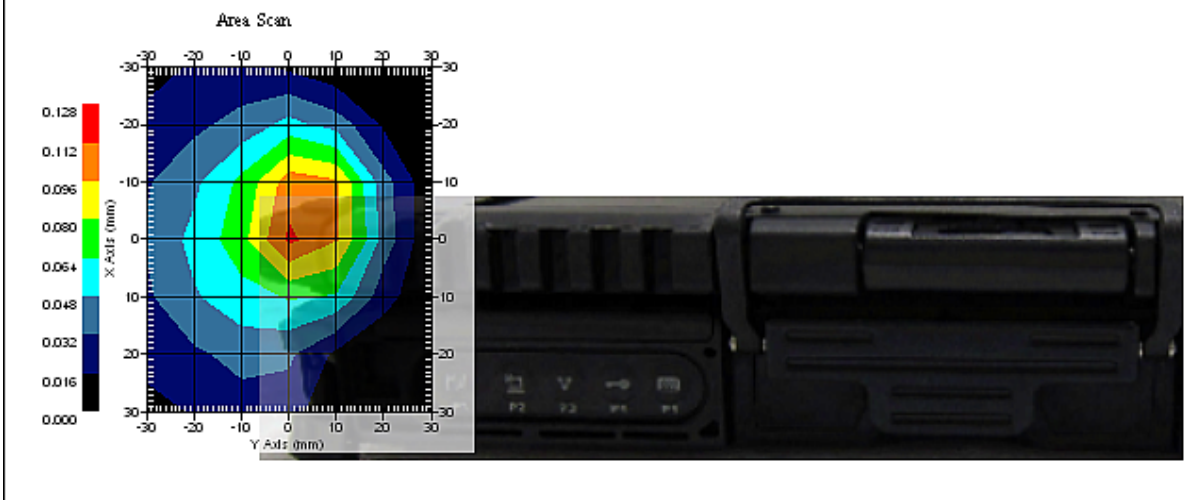
Data No. 21:

```
Report Date        : 08-Jun-2012
By Operator        : Dino
Measurement Date   : 08-Jun-2012
Starting Time      : 08-Jun-2012  04:44:47 PM
End Time           : 08-Jun-2012  05:09:06 PM
Scanning Time      : 1459 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.113 W/kg
Power Drift-Finish: 0.105 W/kg
Power Drift (%)    : -7.524
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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.107 W/kg
10 gram SAR value : 0.038 W/kg
Area Scan Peak SAR : 0.115 W/kg
Zoom Scan Peak SAR : 0.240 W/kg

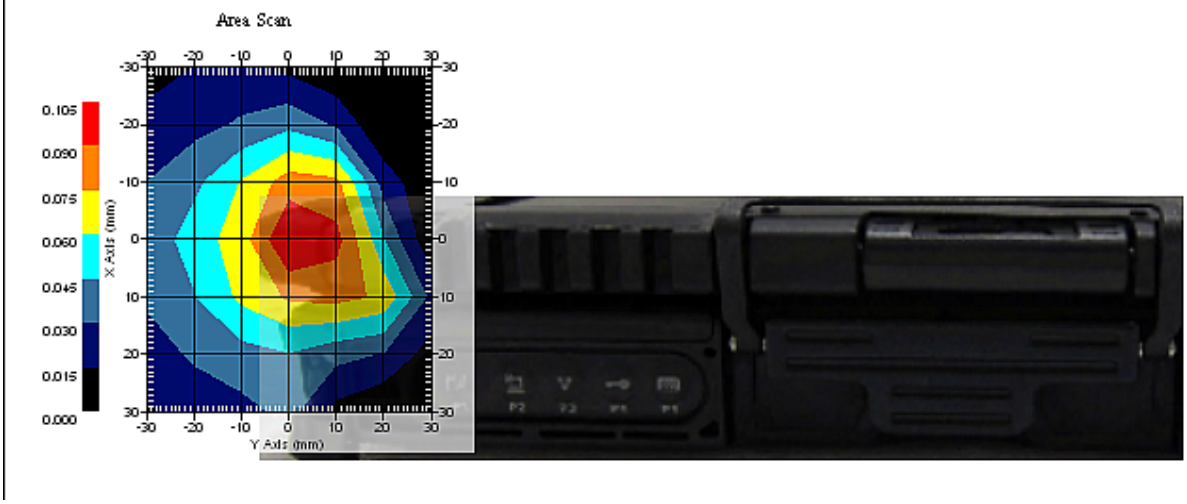
Data No. 22:

```
Report Date        : 08-Jun-2012
By Operator        : Dino
Measurement Date   : 08-Jun-2012
Starting Time      : 08-Jun-2012  02:19:21 PM
End Time           : 08-Jun-2012  02:43:36 PM
Scanning Time      : 1455 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.111 W/kg
Power Drift-Finish: 0.101 W/kg
Power Drift (%)    : -9.260
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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.105 W/kg
10 gram SAR value : 0.045 W/kg
Area Scan Peak SAR : 0.105 W/kg
Zoom Scan Peak SAR : 0.230 W/kg

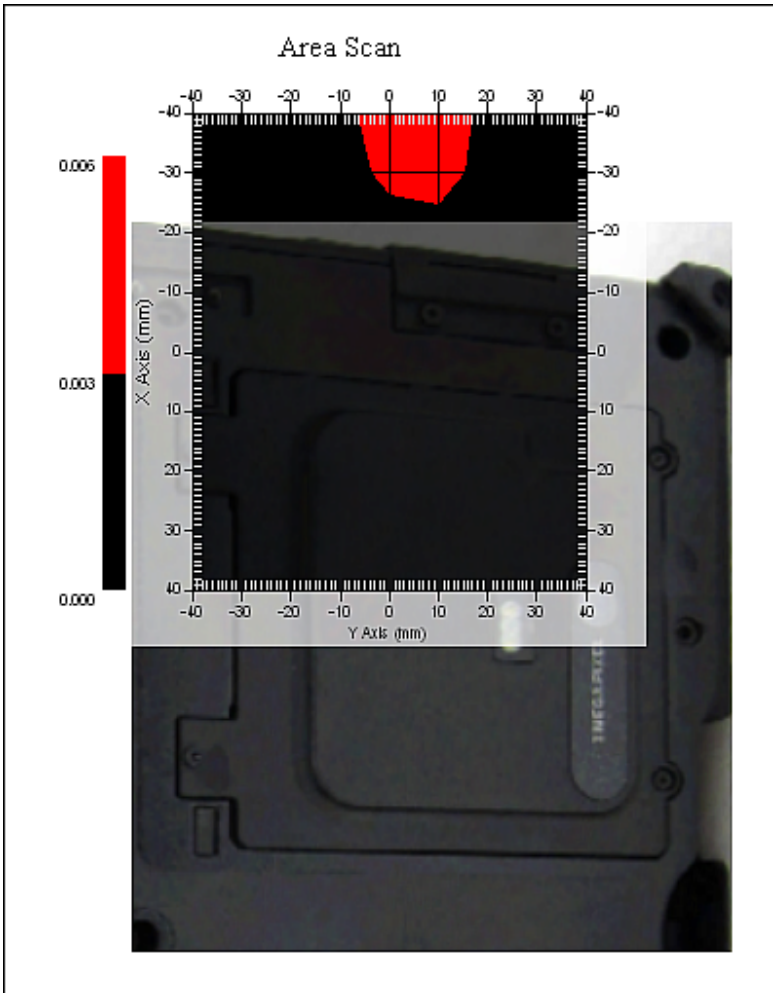
Data No. 23:

```
Report Date        : 08-Jun-2012
By Operator        : Dino
Measurement Date   : 08-Jun-2012
Starting Time      : 08-Jun-2012  05:39:16 PM
End Time           : 08-Jun-2012  06:08:31 PM
Scanning Time      : 1755 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 145 mm
Width              : 120 mm
Depth              : 225 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-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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 9x9x1 : 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



1 gram SAR value : 0.009 W/kg
10 gram SAR value : 0.004 W/kg
Area Scan Peak SAR : 0.006 W/kg
Zoom Scan Peak SAR : 0.030 W/kg

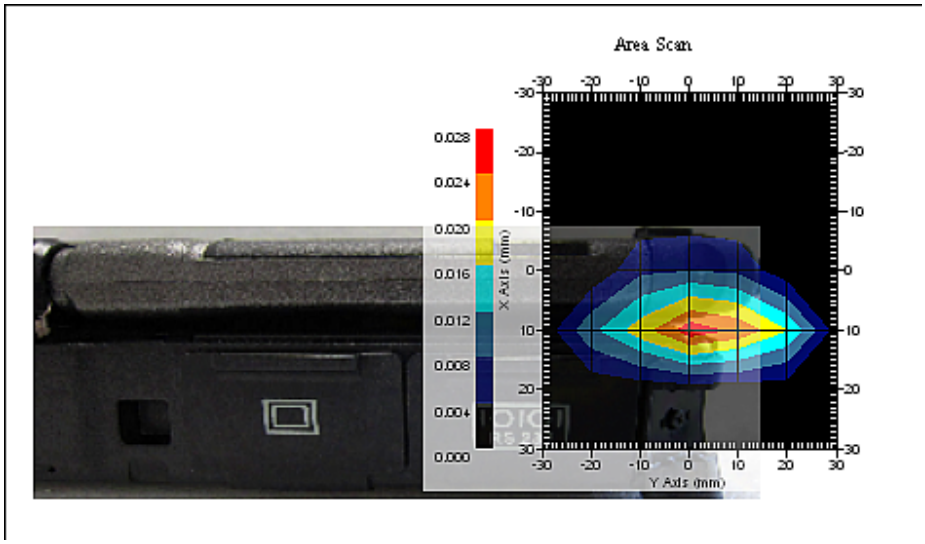
Data No. 24:

```
Report Date        : 11-Jun-2012
By Operator        : Dino
Measurement Date   : 11-Jun-2012
Starting Time      : 11-Jun-2012  05:48:06 PM
End Time           : 11-Jun-2012  06:12:35 PM
Scanning Time      : 1469 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 145 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.025 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%)    : -96.034
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.022 W/kg
10 gram SAR value : 0.006 W/kg
Area Scan Peak SAR : 0.026 W/kg
Zoom Scan Peak SAR : 0.060 W/kg

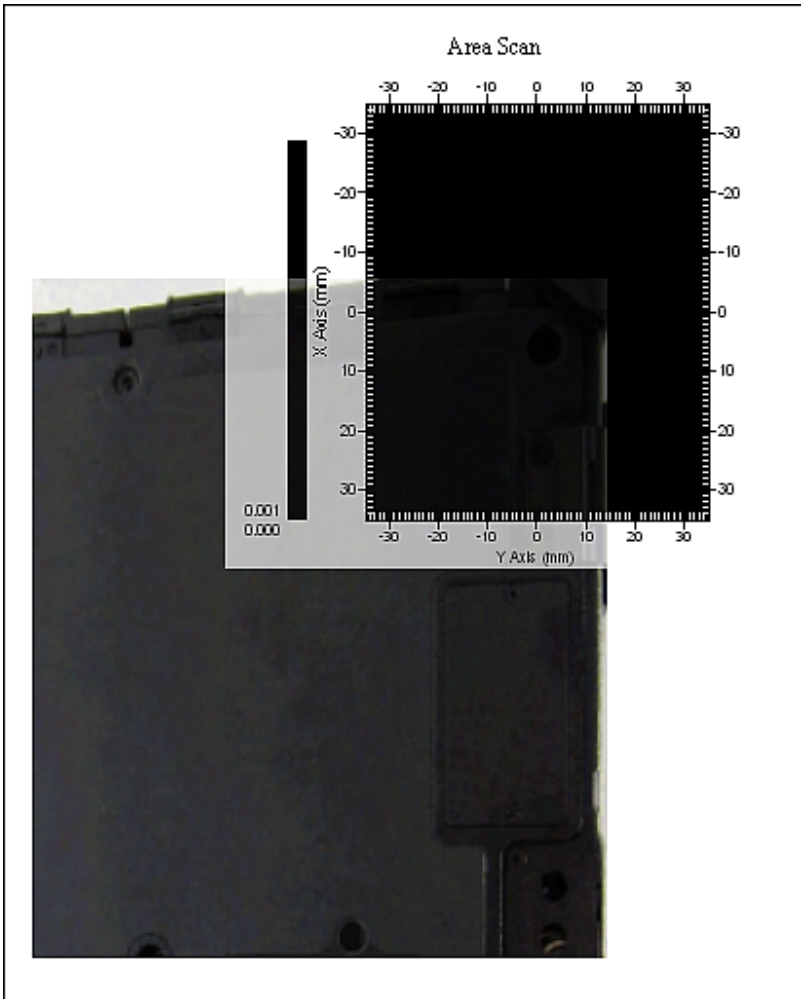
Data No. 25:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  04:24:37 PM
End Time           : 14-Jun-2012  04:51:40 PM
Scanning Time      : 1623 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 135 mm
Width              : 115 mm
Depth              : 55 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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 14-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 8x8x1 : 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



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

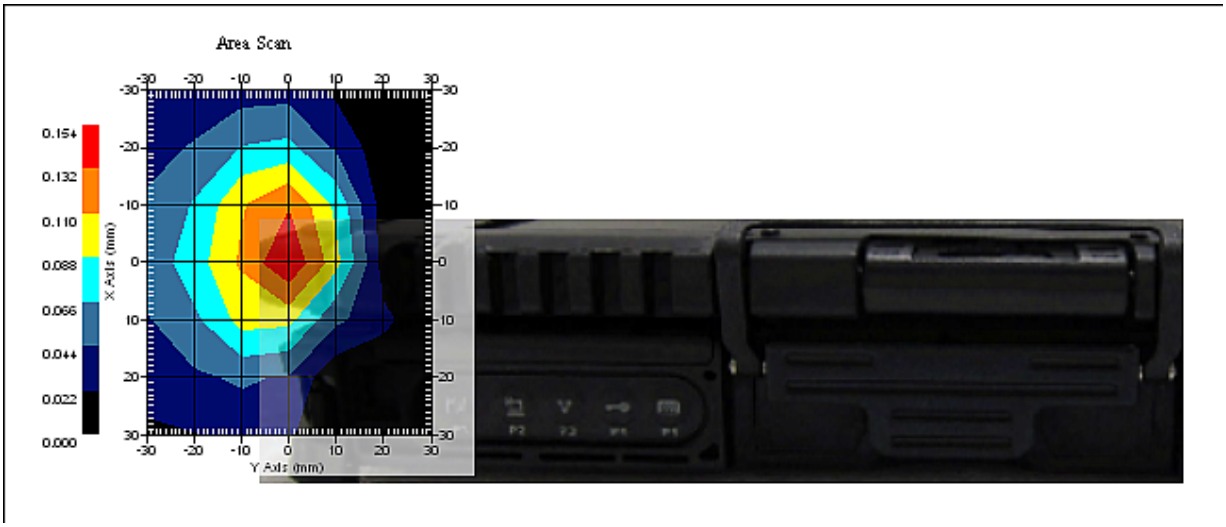
Data No. 26:

```
Report Date        : 08-Jun-2012
By Operator        : Dino
Measurement Date   : 08-Jun-2012
Starting Time      : 08-Jun-2012  11:42:57 AM
End Time           : 08-Jun-2012  12:07:22 PM
Scanning Time      : 1465 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.151 W/kg
Power Drift-Finish: 0.148 W/kg
Power Drift (%)    : -1.606
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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.137 W/kg
10 gram SAR value : 0.056 W/kg
Area Scan Peak SAR : 0.153 W/kg
Zoom Scan Peak SAR : 0.300 W/kg

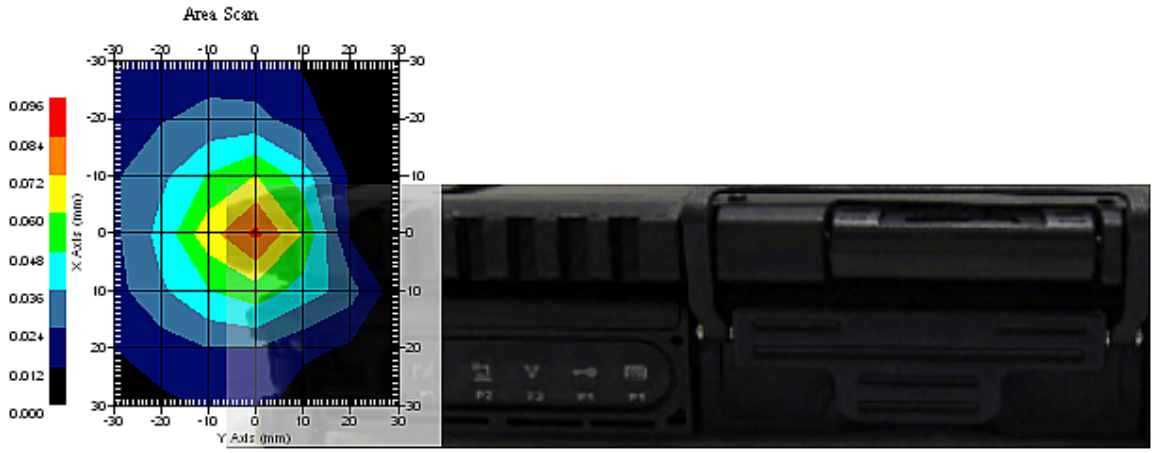
Data No. 27:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  01:25:08 PM
End Time           : 14-Jun-2012  01:49:32 PM
Scanning Time      : 1464 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.090 W/kg
Power Drift-Finish: 0.086 W/kg
Power Drift (%)    : -5.131
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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.072 W/kg
10 gram SAR value : 0.030 W/kg
Area Scan Peak SAR : 0.087 W/kg
Zoom Scan Peak SAR : 0.130 W/kg

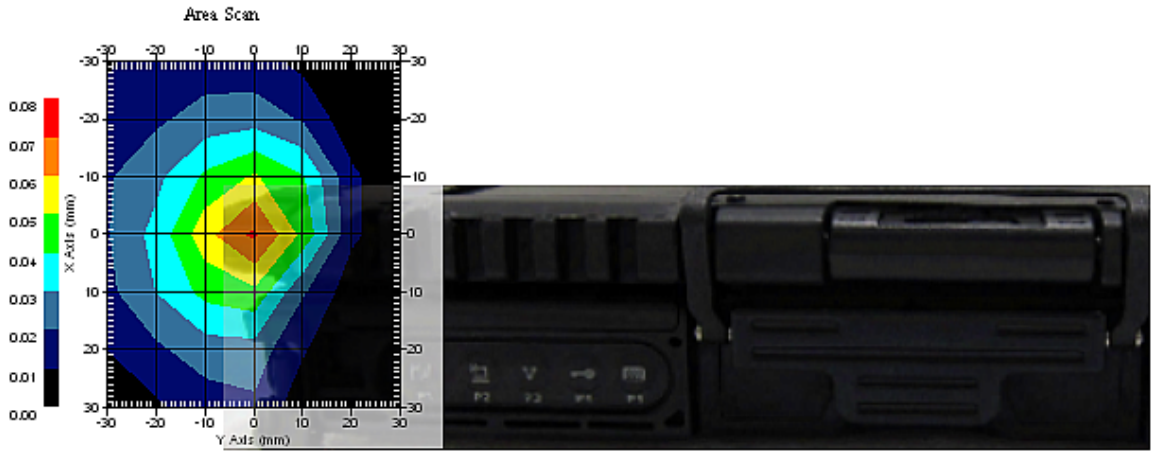
Data No. 28:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  01:53:44 PM
End Time           : 14-Jun-2012  02:18:13 PM
Scanning Time      : 1469 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.072 W/kg
Power Drift-Finish: 0.070 W/kg
Power Drift (%)    : -2.491
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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.060 W/kg
10 gram SAR value : 0.025 W/kg
Area Scan Peak SAR : 0.072 W/kg
Zoom Scan Peak SAR : 0.110 W/kg

Data No. 29:

```
Report Date        : 11-Jun-2012
By Operator        : Dino
Measurement Date   : 11-Jun-2012
Starting Time      : 11-Jun-2012  09:47:35 AM
End Time           : 11-Jun-2012  10:17:39 AM
Scanning Time      : 1804 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 145 mm
Width              : 120 mm
Depth              : 225 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-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.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 9x9x1 : 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


```
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
```

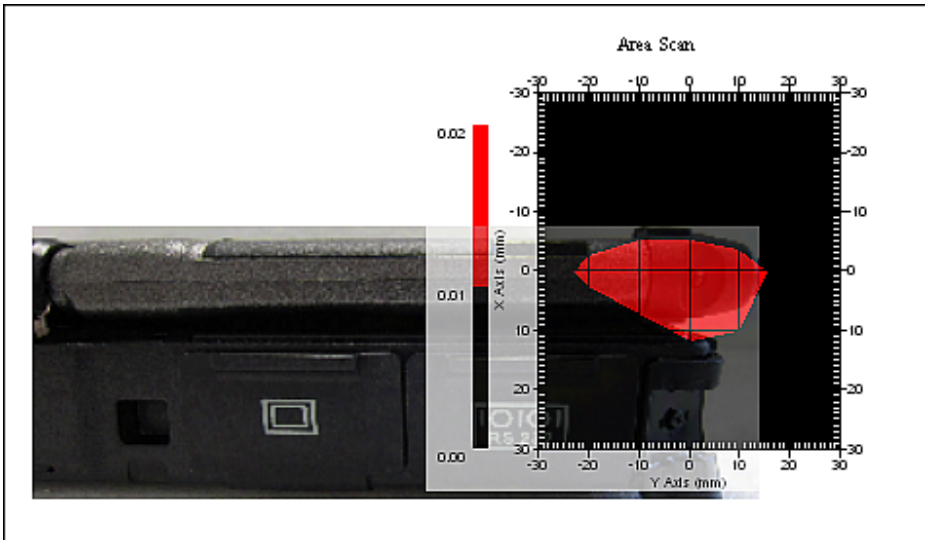
Data No. 30:

```
Report Date        : 11-Jun-2012
By Operator        : Dino
Measurement Date   : 11-Jun-2012
Starting Time      : 11-Jun-2012  04:52:00 PM
End Time           : 11-Jun-2012  05:16:25 PM
Scanning Time      : 1465 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 145 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.024 W/kg
Power Drift-Finish: 0.012 W/kg
Power Drift (%)    : -49.980
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 1900_Body
Frequency        : 1900.00 MHz
Last Calib. Date : 06-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.30 °C
Humidity         : 51.00 RH%
Epsilon          : 51.16 F/m
Sigma            : 1.57 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 : 1900.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.3
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. : 21.30 °C
Set-up Date : 08-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.025 W/kg
10 gram SAR value : 0.008 W/kg
Area Scan Peak SAR : 0.020 W/kg
Zoom Scan Peak SAR : 0.060 W/kg

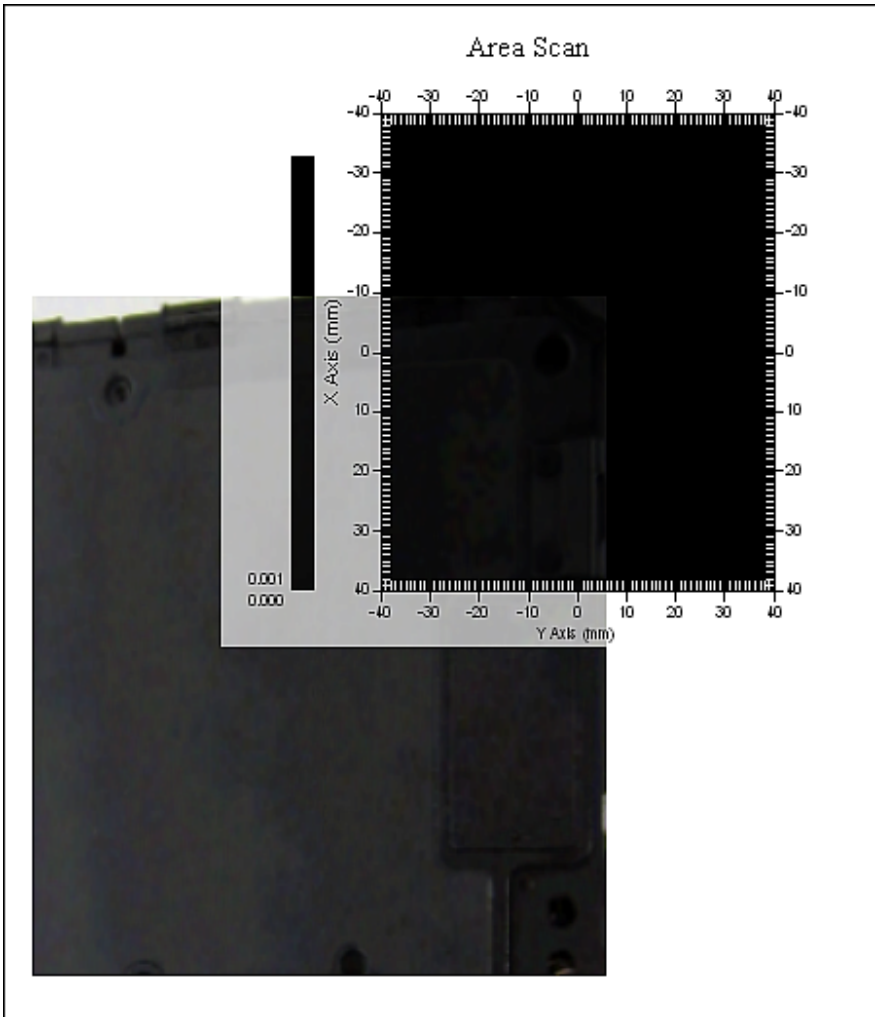
Data No. 31:

```
Report Date        : 22-Jun-2012
By Operator        : Dino
Measurement Date   : 22-Jun-2012
Starting Time      : 22-Jun-2012  01:39:05 PM
End Time           : 22-Jun-2012  02:09:08 PM
Scanning Time      : 1803 secs

Product Data
Device Name        : 12LR097
Serial No.         : 1800
Type               : Other
Model              : NA
Frequency          : 1800.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 135 mm
Width              : 115 mm
Depth              : 55 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.       : 1800_BODY
Frequency        : 1800.00 MHz
Last Calib. Date : 21-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.80 °C
Humidity         : 52.00 RH%
Epsilon          : 55.45 F/m
Sigma            : 1.59 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 : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.5
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. : 21.80 °C
Set-up Date : 22-Jun-2012
Set-up Time : 10:22:26 PM
Area Scan : 9x9x1 : 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



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

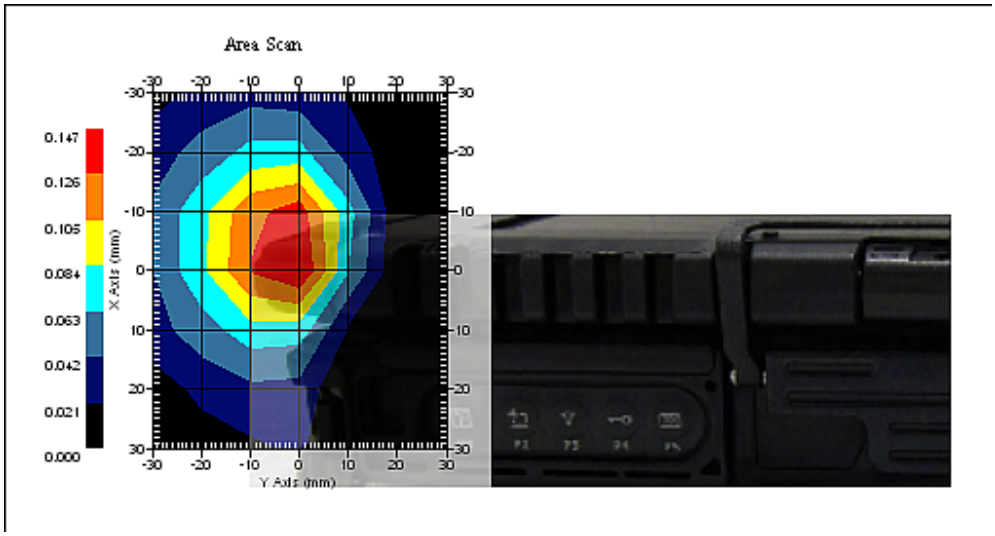
Data No. 32:

```
Report Date        : 28-Jun-2012
By Operator        : Dino
Measurement Date   : 28-Jun-2012
Starting Time      : 28-Jun-2012  03:19:25 PM
End Time           : 28-Jun-2012  03:43:55 PM
Scanning Time      : 1470 secs

Product Data
Device Name        : 12LR097
Serial No.         : 1800
Type               : Other
Model              : NA
Frequency          : 1800.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 140 mm
Depth              : 55 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.152 W/kg
Power Drift-Finish: 0.151 W/kg
Power Drift (%)    : -0.611
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.       : 1800_BODY
Frequency        : 1800.00 MHz
Last Calib. Date : 21-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.80 °C
Humidity         : 52.00 RH%
Epsilon          : 55.45 F/m
Sigma            : 1.59 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 : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.5
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. : 21.80 °C
Set-up Date : 28-Jun-2012
Set-up Time : 10:22:26 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.142 W/kg
10 gram SAR value : 0.060 W/kg
Area Scan Peak SAR : 0.147 W/kg
Zoom Scan Peak SAR : 0.250 W/kg

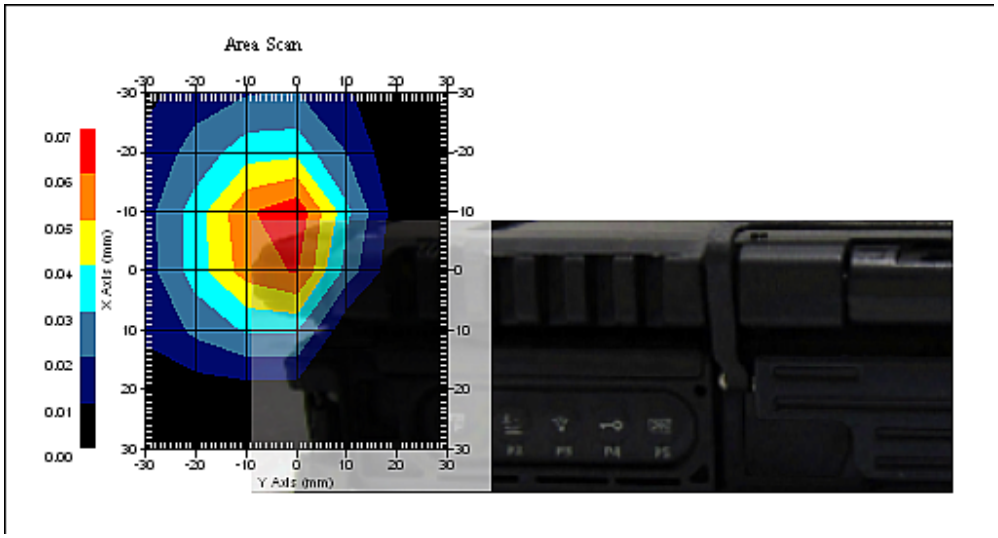
Data No. 33:

```
Report Date        : 22-Jun-2012
By Operator        : Dino
Measurement Date   : 22-Jun-2012
Starting Time      : 22-Jun-2012  10:35:37 AM
End Time           : 22-Jun-2012  11:00:01 AM
Scanning Time      : 1464 secs

Product Data
Device Name        : 12LR097
Serial No.         : 1800
Type               : Other
Model              : NA
Frequency          : 1800.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 140 mm
Depth              : 55 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.061 W/kg
Power Drift-Finish: 0.067 W/kg
Power Drift (%)    : 10.232
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 1800_BODY
Frequency        : 1800.00 MHz
Last Calib. Date : 21-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.80 °C
Humidity         : 52.00 RH%
Epsilon          : 55.45 F/m
Sigma            : 1.59 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 : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.5
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. : 21.80 °C
Set-up Date : 21-Jun-2012
Set-up Time : 10:22:26 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.071 W/kg
10 gram SAR value : 0.028 W/kg
Area Scan Peak SAR : 0.068 W/kg
Zoom Scan Peak SAR : 0.140 W/kg

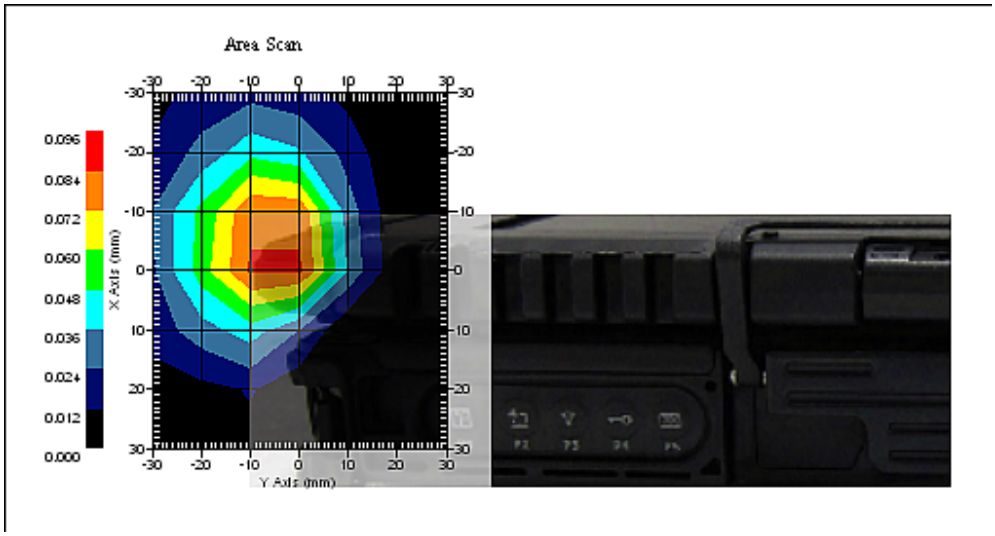
Data No. 34:

```
Report Date        : 28-Jun-2012
By Operator        : Dino
Measurement Date   : 28-Jun-2012
Starting Time      : 28-Jun-2012  02:53:16 PM
End Time           : 28-Jun-2012  03:17:59 PM
Scanning Time      : 1483 secs

Product Data
Device Name        : 12LR097
Serial No.         : 1800
Type               : Other
Model              : NA
Frequency          : 1800.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 140 mm
Depth              : 55 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.087 W/kg
Power Drift-Finish: 0.084 W/kg
Power Drift (%)    : -2.744
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.       : 1800_BODY
Frequency        : 1800.00 MHz
Last Calib. Date : 21-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.80 °C
Humidity         : 52.00 RH%
Epsilon          : 55.45 F/m
Sigma            : 1.59 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 : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.5
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. : 21.80 °C
Set-up Date : 28-Jun-2012
Set-up Time : 10:22:26 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.090 W/kg
10 gram SAR value : 0.036 W/kg
Area Scan Peak SAR : 0.086 W/kg
Zoom Scan Peak SAR : 0.170 W/kg

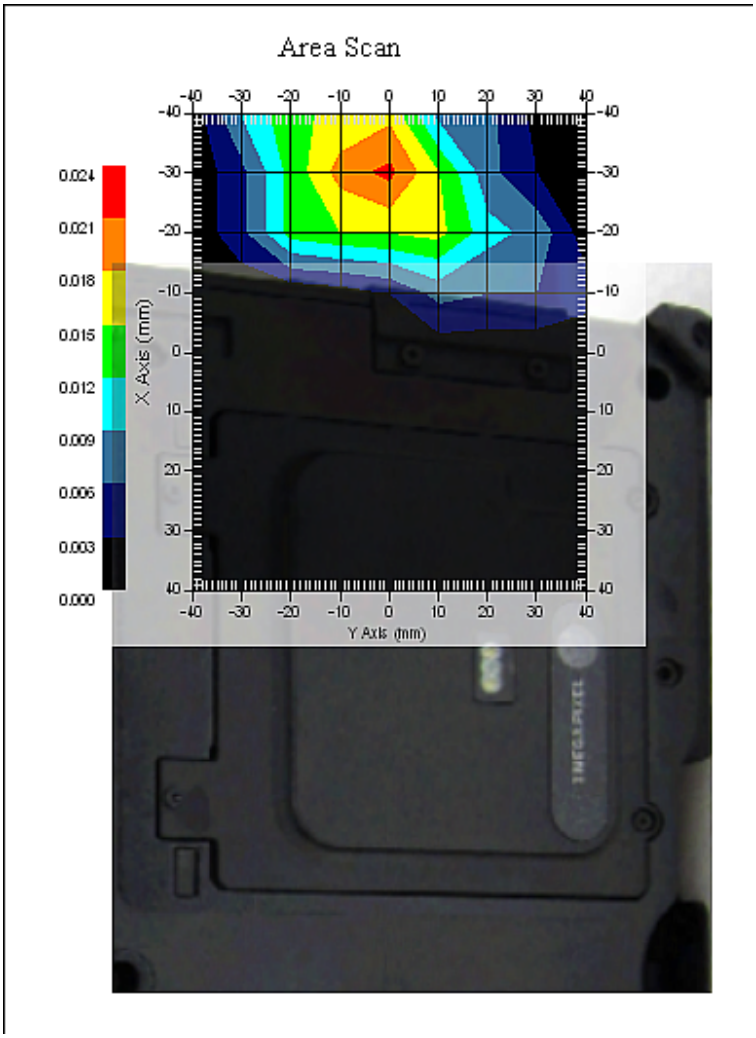
Data No. 35:

```
Report Date        : 22-Jun-2012
By Operator        : Dino
Measurement Date   : 22-Jun-2012
Starting Time      : 22-Jun-2012  01:06:05 PM
End Time           : 22-Jun-2012  01:36:03 PM
Scanning Time      : 1798 secs

Product Data
Device Name        : 12LR097
Serial No.         : 1800
Type               : Other
Model              : NA
Frequency          : 1800.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 145 mm
Width              : 120 mm
Depth              : 55 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.004 W/kg
Power Drift-Finish: 0.003 W/kg
Power Drift (%)    : -21.016
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.       : 1800_BODY
Frequency        : 1800.00 MHz
Last Calib. Date : 21-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.80 °C
Humidity         : 52.00 RH%
Epsilon          : 55.45 F/m
Sigma            : 1.59 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 : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.5
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. : 21.80 °C
Set-up Date : 22-Jun-2012
Set-up Time : 10:22:26 PM
Area Scan : 9x9x1 : 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



1 gram SAR value : 0.023 W/kg
10 gram SAR value : 0.011 W/kg
Area Scan Peak SAR : 0.022 W/kg
Zoom Scan Peak SAR : 0.050 W/kg

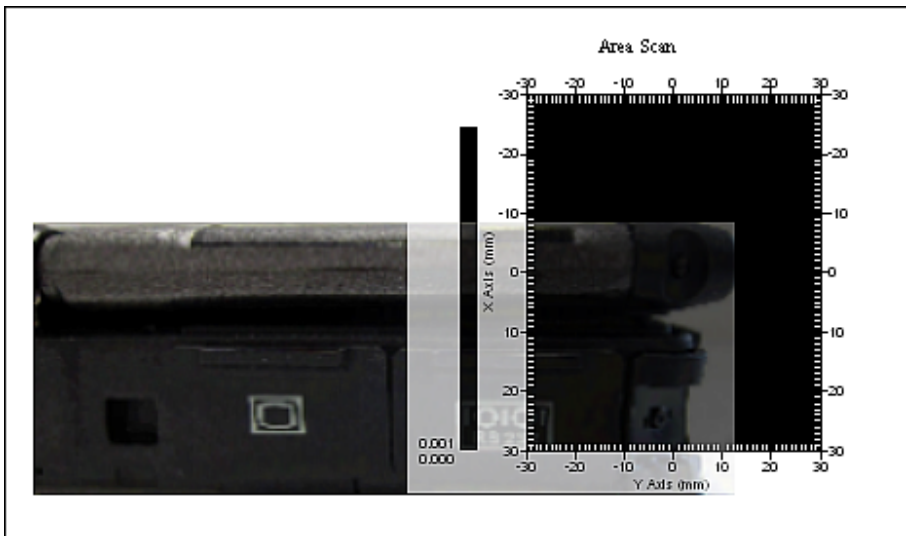
Data No. 36:

```
Report Date        : 22-Jun-2012
By Operator        : Dino
Measurement Date   : 22-Jun-2012
Starting Time      : 22-Jun-2012  11:03:25 AM
End Time           : 22-Jun-2012  11:28:03 AM
Scanning Time      : 1478 secs

Product Data
Device Name        : 12LR097
Serial No.         : 1800
Type               : Other
Model              : NA
Frequency          : 1800.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 140 mm
Depth              : 55 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.       : 1800_BODY
Frequency        : 1800.00 MHz
Last Calib. Date : 21-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.80 °C
Humidity         : 52.00 RH%
Epsilon          : 55.45 F/m
Sigma            : 1.59 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 : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.5
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. : 21.80 °C
Set-up Date : 22-Jun-2012
Set-up Time : 10:22:26 PM
Area Scan : 7x7x1 : 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



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. 37:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  06:45:47 PM
End Time           : 14-Jun-2012  07:13:00 PM
Scanning Time      : 1633 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 135 mm
Width              : 115 mm
Depth              : 225 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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 08-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 8x8x1 : 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

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

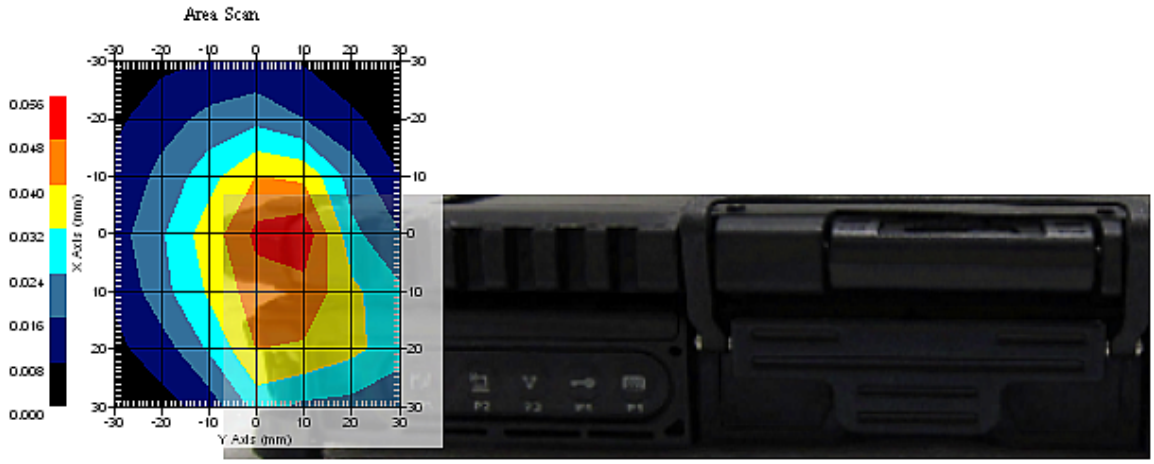
Data No. 38:

```
Report Date        : 08-Jun-2012
By Operator        : Dino
Measurement Date   : 08-Jun-2012
Starting Time      : 08-Jun-2012  11:05:45 AM
End Time           : 08-Jun-2012  11:30:01 AM
Scanning Time      : 1456 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notebook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.049 W/kg
Power Drift-Finish: 0.052 W/kg
Power Drift (%)    : 5.544
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 07-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.054 W/kg
10 gram SAR value : 0.026 W/kg
Area Scan Peak SAR : 0.053 W/kg
Zoom Scan Peak SAR : 0.090 W/kg

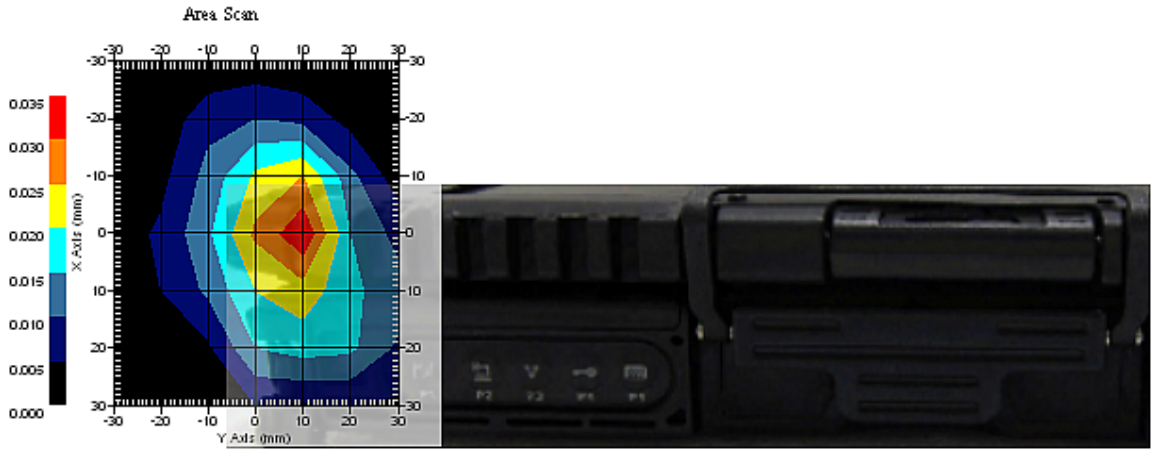
Data No. 39:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  11:10:16 AM
End Time           : 14-Jun-2012  11:34:31 AM
Scanning Time      : 1455 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.027 W/kg
Power Drift-Finish: 0.031 W/kg
Power Drift (%)    : 11.695
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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.032 W/kg
10 gram SAR value : 0.013 W/kg
Area Scan Peak SAR : 0.034 W/kg
Zoom Scan Peak SAR : 0.060 W/kg

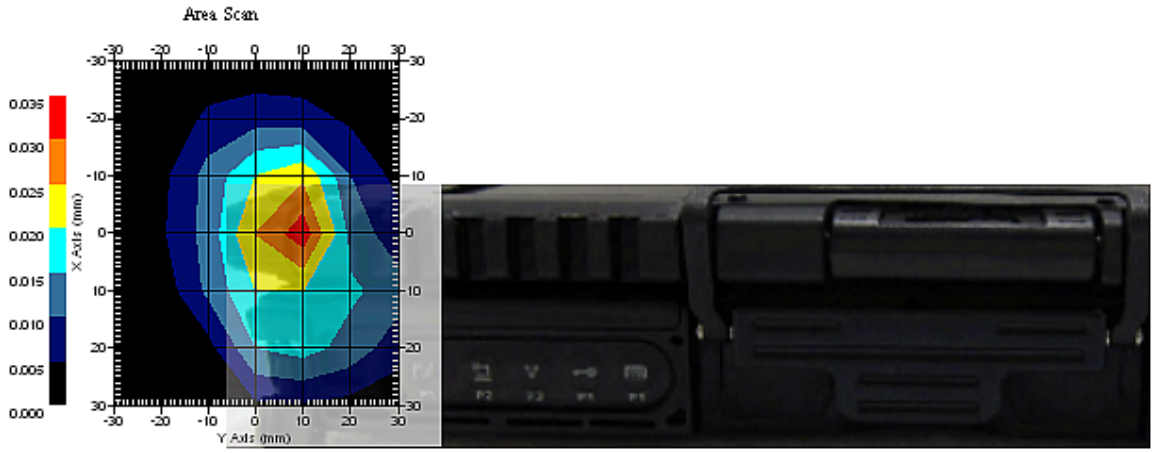
Data No. 40:

```
Report Date        : 14-Jun-2012
By Operator        : Dino
Measurement Date   : 14-Jun-2012
Starting Time      : 14-Jun-2012  11:36:58 AM
End Time           : 14-Jun-2012  12:01:29 PM
Scanning Time      : 1471 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 225 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.025 W/kg
Power Drift-Finish: 0.026 W/kg
Power Drift (%)    : 0.724
Picture            : C:\alsas\bitmap\Device-4.bmp

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

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.030 W/kg
10 gram SAR value : 0.013 W/kg
Area Scan Peak SAR : 0.033 W/kg
Zoom Scan Peak SAR : 0.060 W/kg

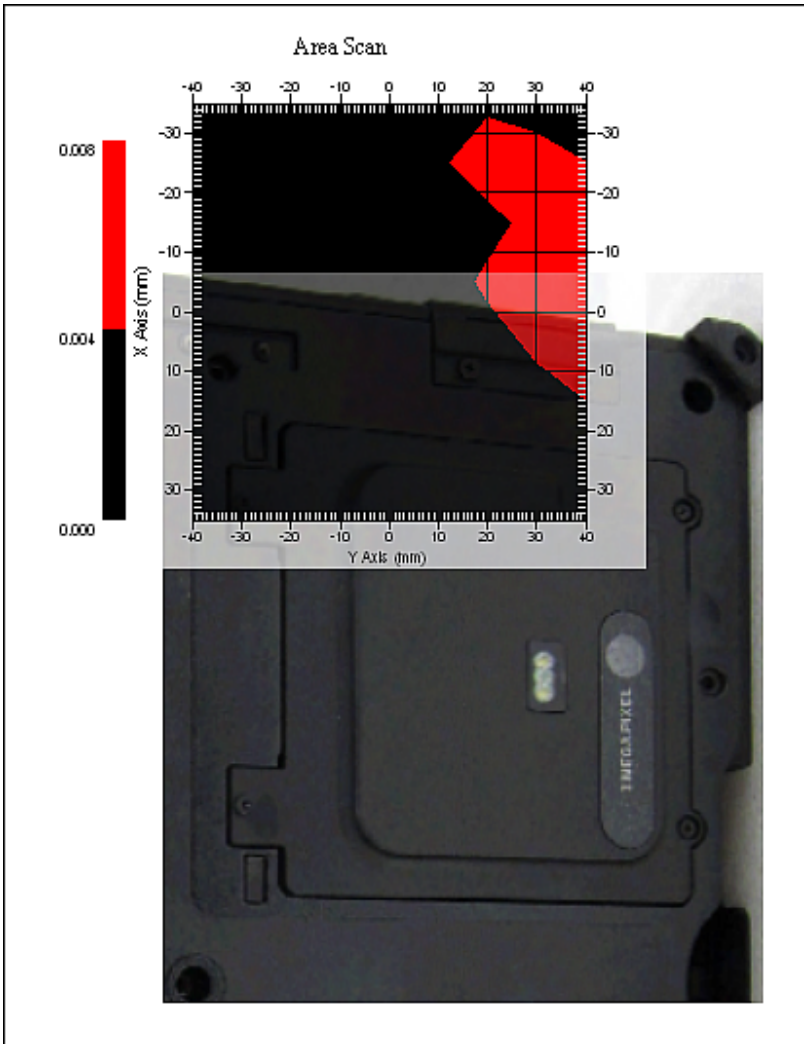
Data No. 41:

```
Report Date        : 07-Jun-2012
By Operator        : Dino
Measurement Date   : 07-Jun-2012
Starting Time      : 07-Jun-2012  03:24:56 PM
End Time           : 07-Jun-2012  03:53:13 PM
Scanning Time      : 1697 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : Notenook
Frequency          : 850.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 145 mm
Width              : 120 mm
Depth              : 55 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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.50 °C
Set-up Date : 07-Jun-2012
Set-up Time : 4:54:20 PM
Area Scan : 8x9x1 : 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



1 gram SAR value : 0.004 W/kg
10 gram SAR value : 0.005 W/kg
Area Scan Peak SAR : 0.007 W/kg
Zoom Scan Peak SAR : 0.010 W/kg

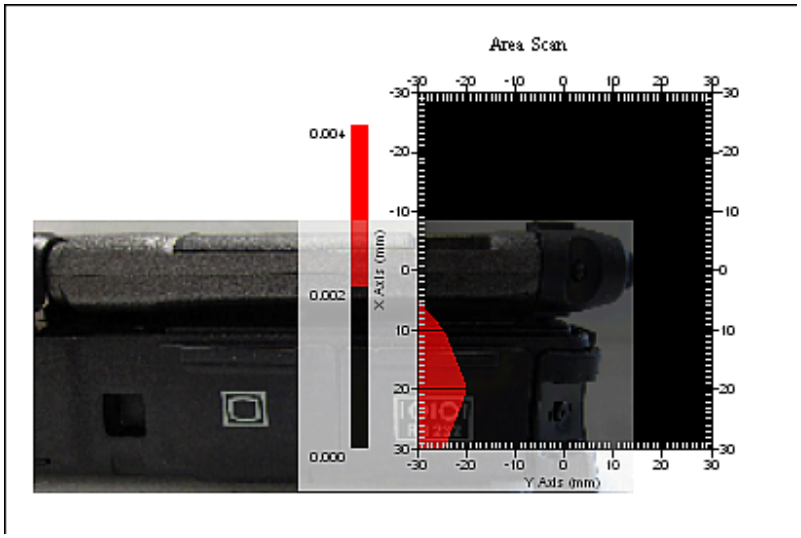
Data No. 42:

```
Report Date        : 13-Jun-2012
By Operator        : Dino
Measurement Date   : 13-Jun-2012
Starting Time      : 13-Jun-2012  10:47:06 AM
End Time           : 13-Jun-2012  11:11:17 AM
Scanning Time      : 1451 secs

Product Data
Device Name        : 12LR097
Serial No.         : NA
Type               : Other
Model              : 1900
Frequency          : 1900.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 120 mm
Depth              : 225 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-6.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.       : 835_Body
Frequency        : 835.00 MHz
Last Calib. Date : 04-Jun-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.50 °C
Humidity         : 51.00 RH%
Epsilon          : 54.06 F/m
Sigma            : 0.95 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 : 835.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 6.8
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. : 21.30 °C
Set-up Date : 13-Jun-2012
Set-up Time : 11:49:11 AM
Area Scan : 7x7x1 : 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



1 gram SAR value : 0.001 W/kg
10 gram SAR value : 0.001 W/kg
Area Scan Peak SAR : 0.003 W/kg
Zoom Scan Peak SAR : 0.000 W/kg

Data No. 43:

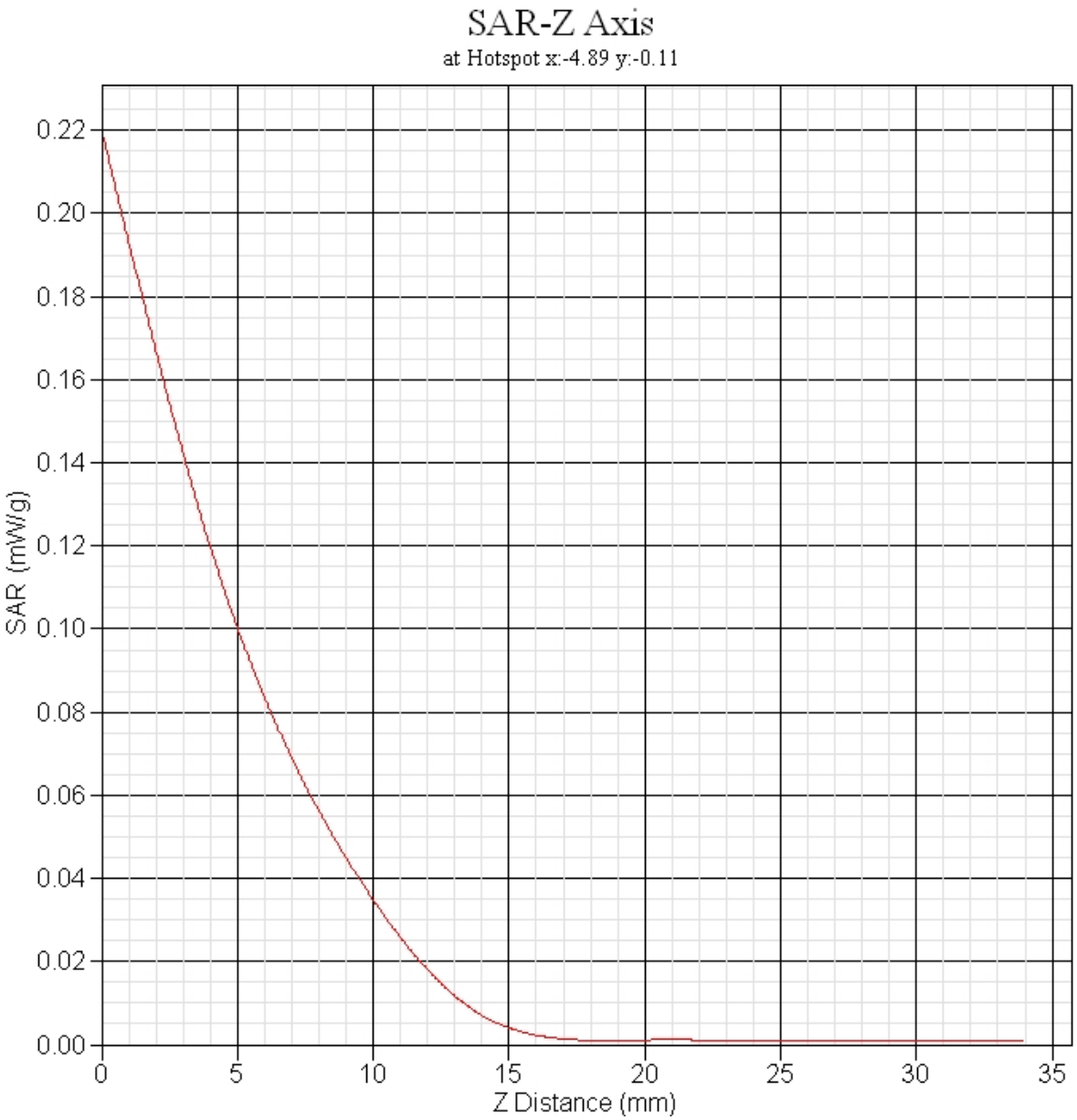
```
Report Date        : 28-Jun-2012
By Operator        : Dino
Measurement Date   : 28-Jun-2012
Starting Time      : 28-Jun-2012  04:19:38 AM
End Time           : 28-Jun-2012  04:41:47 AM
Scanning Time      : 1329 secs

Product Data
Device Name        : 12LR097
Serial No.         : 1800
Type               : Other
Model              : NA
Frequency          : 1800.00 MHz
Max. Transmit Pwr  : 1 W
Drift Time         : 0 min(s)
Length             : 55 mm
Width              : 190 mm
Depth              : 55 mm
Antenna Type       : Internal
Orientation        : Touch
Power Drift-Start  : 0.023 W/kg
Power Drift-Finish: 0.024 W/kg
Power Drift (%)    : 2.853
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      : Unit phantom

Tissue Data
Type             : BODY
Serial No.       : 1800_BODY
Frequency        : 1800.00 MHz
Last Calib. Date : 20-Aug-2012
Temperature      : 22.00 °C
Ambient Temp.    : 21.80 °C
Humidity         : 52.00 RH%
Epsilon          : 55.45 F/m
Sigma            : 1.59 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 : 1800.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 5.5
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. : 21.80 °C
Set-up Date : 20-Aug-2012
Set-up Time : 10:22:26 PM
Area Scan : 6x6x1 : 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

1 gram SAR value : 0.030 W/kg
10 gram SAR value : 0.011 W/kg
Area Scan Peak SAR : 0.034 W/kg
Zoom Scan Peak SAR : 0.080 W/kg


SAR-Z Axis
at Hotspot x:-4.89 y:-0.11
SAR (mW/g)
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
5
10
15
20
25
30
35
Z Distance (mm)