Appendix D: SAR Measurement Data

Data No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	SAR 1g(W/kg)
1	Wifi	802.11b	Body Front of EUT	0	1	**0.053**
2	Wifi	802.11b	Body Front of EUT	0	6	0.040
3	Wifi	802.11b	Body Front of EUT	0	11	0.031
4	Wifi	802.11b	Body Back of EUT	0	1	0.014
5	Wifi	802.11 n20M	Body Front of EUT	0	11	0.005
6	Wifi	802.11g	Body Front of EUT	0	6	0.016

Data No. 1:

Report Date : 27-Jun-2011
By Operator : Arno Hsieh
Measurement Date : 27-Jun-2011
Starting Time : 27-Jun-2011 01:13:23 PM
End Time : 27-Jun-2011 01:36:56 PM
Scanning Time : 1413 secs

Device Name : Airpod
Serial No. : 11LR046
Type : PDA
Model : 802.11b 2412MHz front
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.34 W
Drift Time : 0 min(s)
Length : 130 mm
Width : 75 mm
Depth : 20 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.000 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-1.bmp

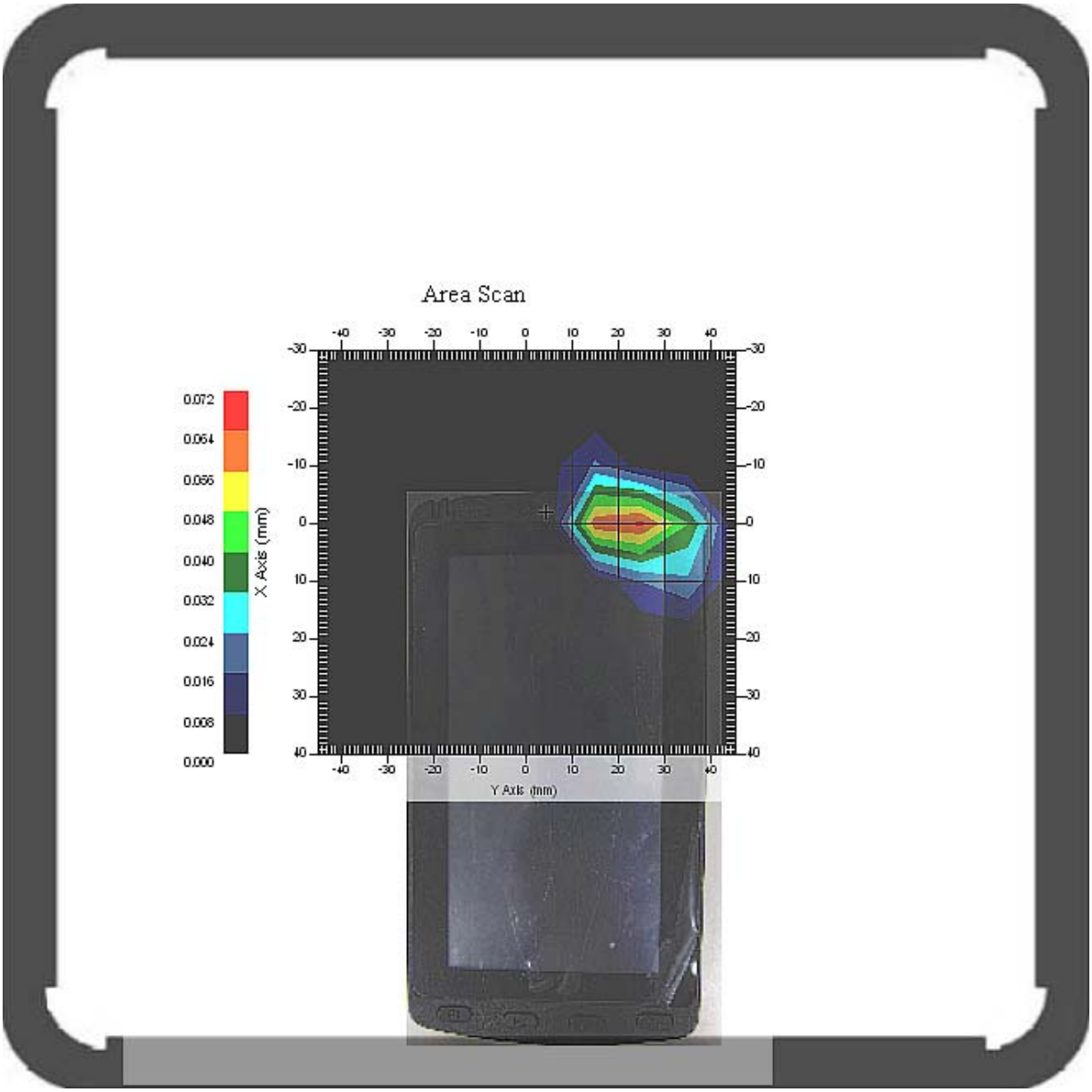
Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data
Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 27-Jun-2011
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon (Dielectric Constant): 53.9952
Sigma : 1.9801 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 : 26-Apr-2011
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.50 °C
Set-up Date : 27-Jun-2011
Set-up Time : 11:41:23 AM
Area Scan : 8x10x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

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



1 gram SAR value : 0.053 W/kg
10 gram SAR value : 0.018 W/kg
Area Scan Peak SAR : 0.065 W/kg
Zoom Scan Peak SAR : 0.170 W/kg

Data No. 2:

Report Date : 27-Jun-2011
By Operator : Arno Hsieh
Measurement Date : 27-Jun-2011
Starting Time : 27-Jun-2011 03:51:10 PM
End Time : 27-Jun-2011 04:14:43 PM
Scanning Time : 1413 secs

Device Name : Airpod
Serial No. : 11LR046
Type : PDA
Model : 802.11b 2437MHz front
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.31 W
Drift Time : 0 min(s)
Length : 130 mm
Width : 75 mm
Depth : 20 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-1.bmp

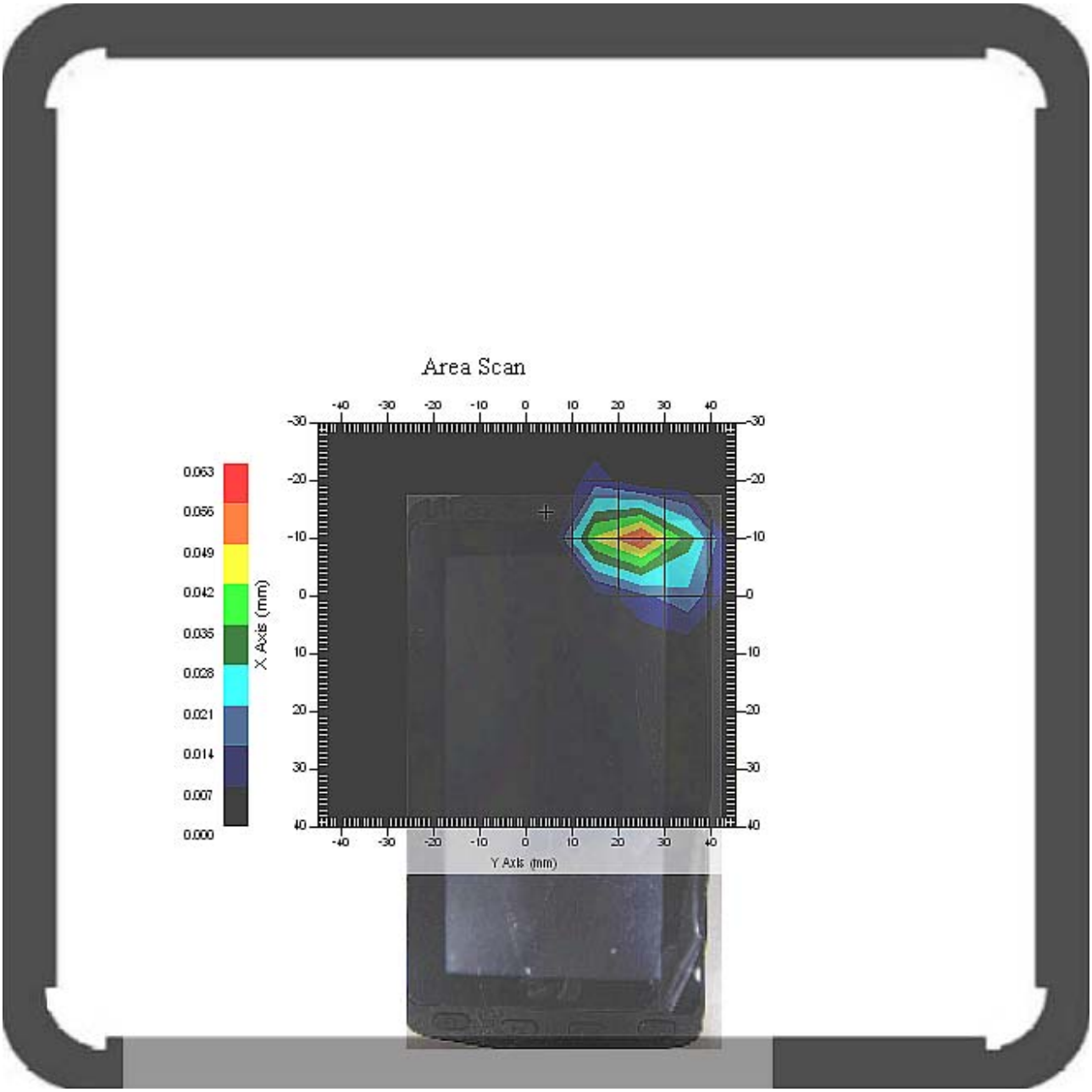
Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data
Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 27-Jun-2011
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon (Dielectric Constant): 53.9952
Sigma : 1.9801 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 : 26-Apr-2011
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.50 °C
Set-up Date : 27-Jun-2011
Set-up Time : 11:41:23 AM
Area Scan : 8x10x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

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



1 gram SAR value : 0.040 W/kg
10 gram SAR value : 0.013 W/kg
Area Scan Peak SAR : 0.057 W/kg
Zoom Scan Peak SAR : 0.140 W/kg

Data No. 3:

Report Date : 27-Jun-2011
By Operator : Arno Hsieh
Measurement Date : 27-Jun-2011
Starting Time : 27-Jun-2011 04:20:21 PM
End Time : 27-Jun-2011 04:43:40 PM
Scanning Time : 1399 secs

Device Name : Airpod
Serial No. : 11LR046
Type : PDA
Model : 802.11b 2462MHz front
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.79 W
Drift Time : 0 min(s)
Length : 130 mm
Width : 75 mm
Depth : 20 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.000 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-1.bmp

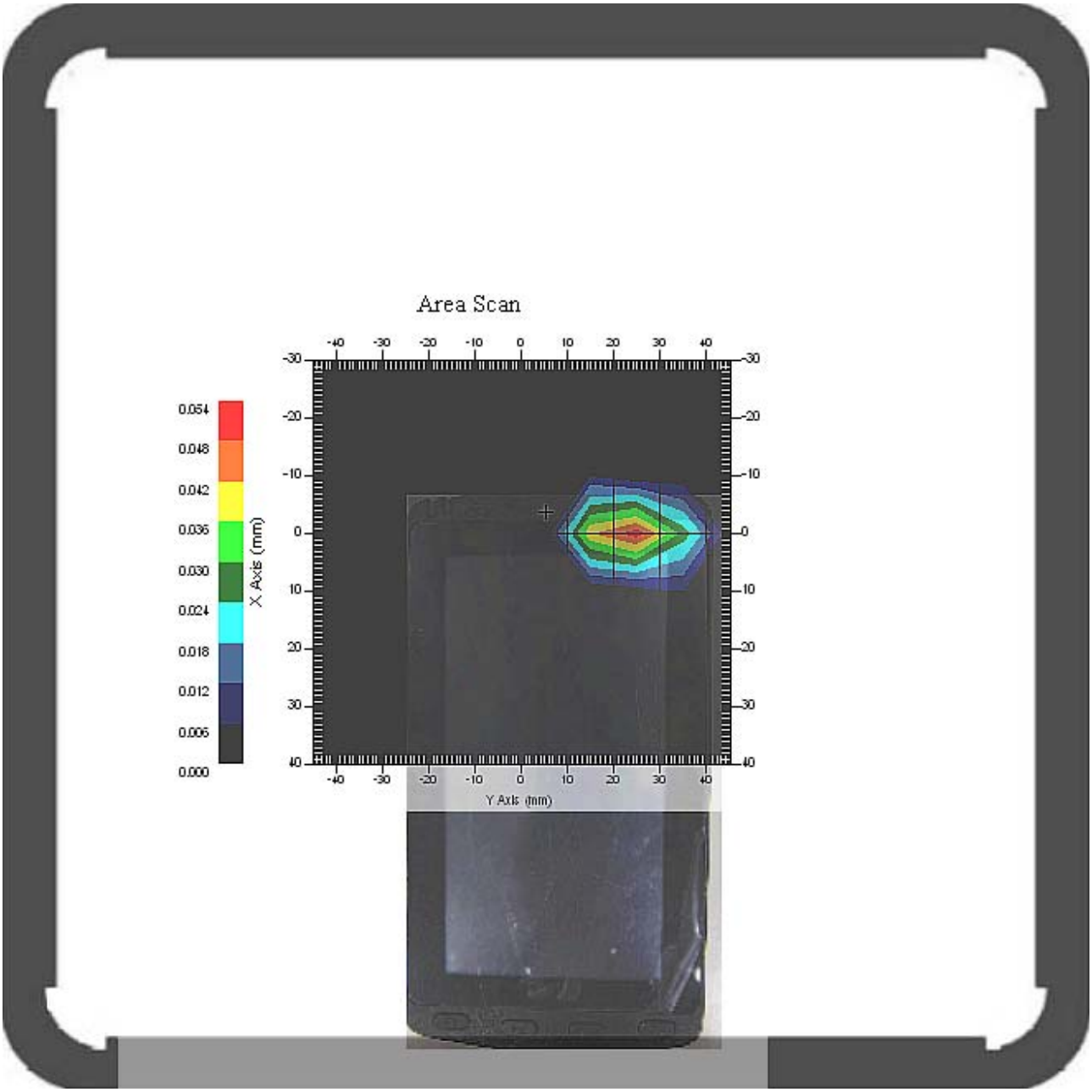
Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data
Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 27-Jun-2011
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon (Dielectric Constant): 53.9952
Sigma : 1.9801 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 : 26-Apr-2011
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.50 °C
Set-up Date : 27-Jun-2011
Set-up Time : 11:41:23 AM
Area Scan : 8x10x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

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



1 gram SAR value : 0.031 W/kg
10 gram SAR value : 0.010 W/kg
Area Scan Peak SAR : 0.051 W/kg
Zoom Scan Peak SAR : 0.120 W/kg

Data No. 4:

Report Date : 27-Jun-2011
By Operator : Arno Hsieh
Measurement Date : 27-Jun-2011
Starting Time : 27-Jun-2011 03:21:48 PM
End Time : 27-Jun-2011 03:45:47 PM
Scanning Time : 1439 secs

Product Data
Device Name : Airpod
Serial No. : 11LR046
Type : PDA
Model : 802.11b 2412MHz back position
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.34 W
Drift Time : 0 min(s)
Length : 130 mm
Width : 75 mm
Depth : 20 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.000 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0
Picture : C:\alsas\bitmap\Back.bmp

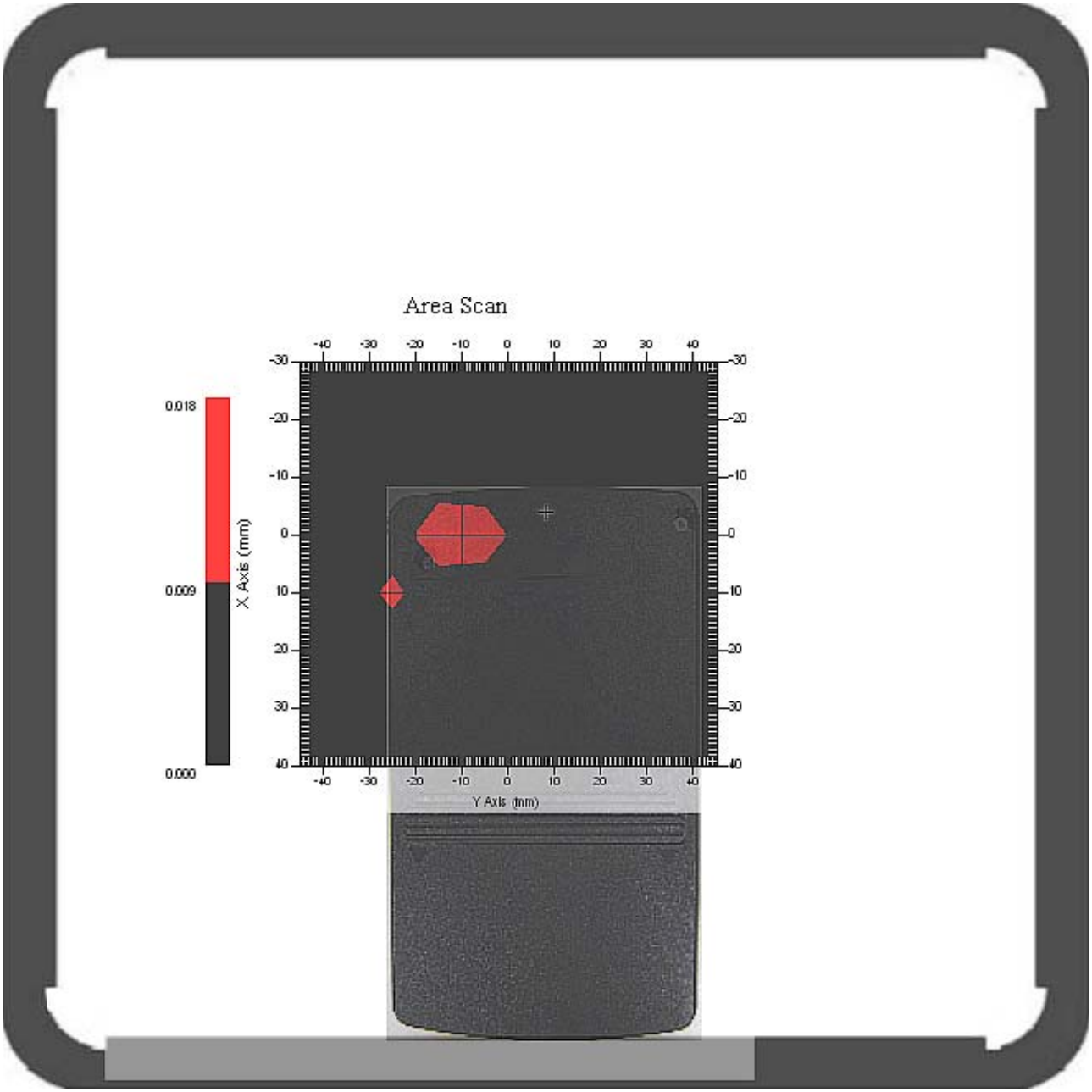
Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data
Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 27-Jun-2011
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon (Dielectric Constant): 53.9952
Sigma : 1.9801 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 : 26-Apr-2011
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.7 °C
Set-up Date : 27-Jun-2011
Set-up Time : 11:41:23 AM
Area Scan : 8x10x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

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



1 gram SAR value : 0.014 W/kg
10 gram SAR value : 0.004 W/kg
Area Scan Peak SAR : 0.018 W/kg
Zoom Scan Peak SAR : 0.060 W/kg

Data No. 5:

Report Date : 27-Jun-2011
By Operator : Arno Hsieh
Measurement Date : 27-Jun-2011
Starting Time : 27-Jun-2011 12:26:26 PM
End Time : 27-Jun-2011 12:49:46 PM
Scanning Time : 1400 secs

Device Name : Airpod
Serial No. : 11LR046
Type : PDA
Model : 802.11n 2462MHz front
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.79 W
Drift Time : 0 min(s)
Length : 130 mm
Width : 75 mm
Depth : 20 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.001 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-1.bmp

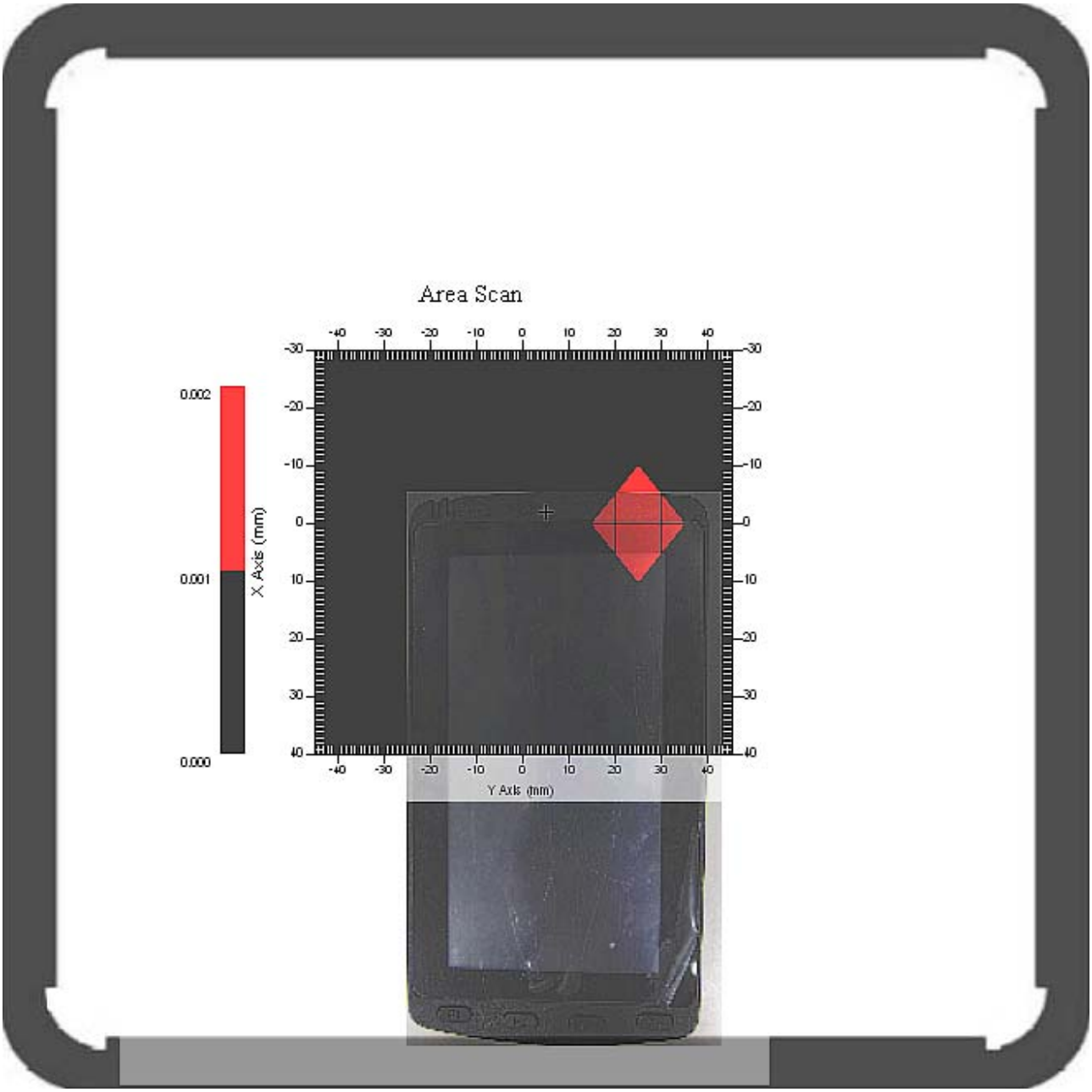
Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data
Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 27-Jun-2011
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon (Dielectric Constant): 53.9952
Sigma : 1.9801 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 : 26-Apr-2011
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 27-Jun-2011
Set-up Time : 11:41:23 AM
Area Scan : 8x10x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data
DUT Position : Touch
Separation : 0



1 gram SAR value : 0.005 W/kg
10 gram SAR value : 0.002 W/kg
Area Scan Peak SAR : 0.002 W/kg
Zoom Scan Peak SAR : 0.020 W/kg

Data No. 6:

Report Date : 27-Jun-2011
By Operator : Arno Hsieh
Measurement Date : 27-Jun-2011
Starting Time : 27-Jun-2011 11:44:55 AM
End Time : 27-Jun-2011 12:08:24 PM
Scanning Time : 1409 secs

Device Name : Airpod
Serial No. : 11LR046
Type : PDA
Model : 802.11g 2437MHz front
Frequency : 2450.00 MHz
Max. Transmit Pwr : 0.81 W
Drift Time : 0 min(s)
Length : 130 mm
Width : 75 mm
Depth : 20 mm
Antenna Type : Internal
Orientation : Touch
Power Drift-Start : 0.000 W/kg
Power Drift-Finish: 0.000 W/kg
Power Drift (%) : 0.000
Picture : C:\alsas\bitmap\Device-1.bmp

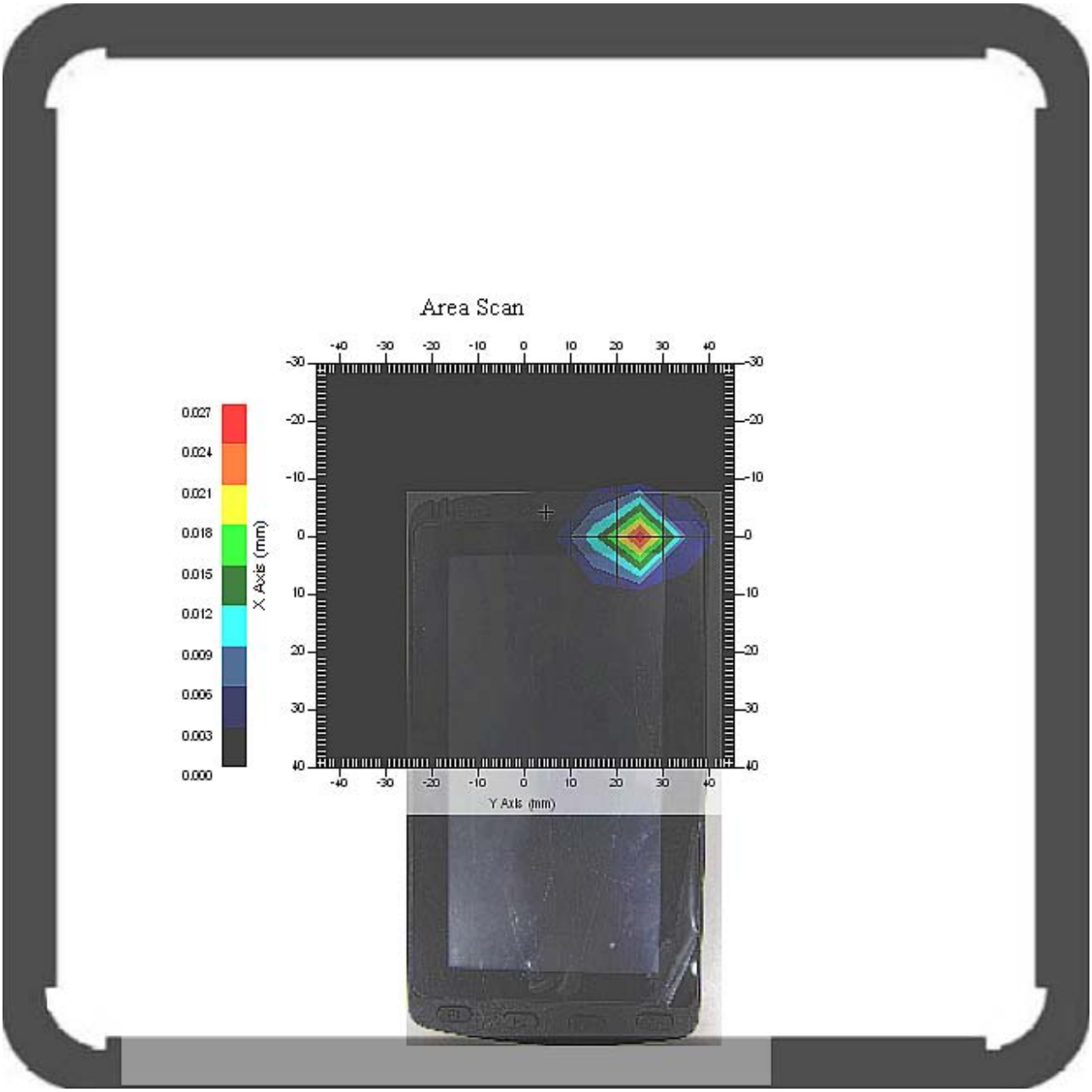
Phantom Data
Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : User Define
Location : Center
Description : Unit phantom

Tissue Data
Type : BODY
Serial No. : 2450_Body
Frequency : 2450.00 MHz
Last Calib. Date : 27-Jun-2011
Temperature : 22.00 °C
Ambient Temp. : 21.70 °C
Humidity : 60.00 RH%
Epsilon (Dielectric Constant): 53.9952
Sigma : 1.9801 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 : 26-Apr-2011
Frequency : 2450.00 MHz
Duty Cycle Factor (CreF): 1
Conversion Factor : 4.55
Probe Sensitivity : 1.20 1.20 1.20 $\mu V/(V/m)^2$
Compression Point : 95.00 mV
Offset : 1.56 mm

Measurement Data
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 22.00 °C
Ambient Temp. : 21.70 °C
Set-up Date : 27-Jun-2011
Set-up Time : 11:41:23 AM
Area Scan : 8x10x1 : Measurement x=10mm, y=10mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

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



1 gram SAR value : 0.016 W/kg
10 gram SAR value : 0.004 W/kg
Area Scan Peak SAR : 0.026 W/kg
Zoom Scan Peak SAR : 0.060 W/kg