

1 gram SAR value : 0.349 W/kg
 Zoom Scan Peak SAR : 0.610 W/kg





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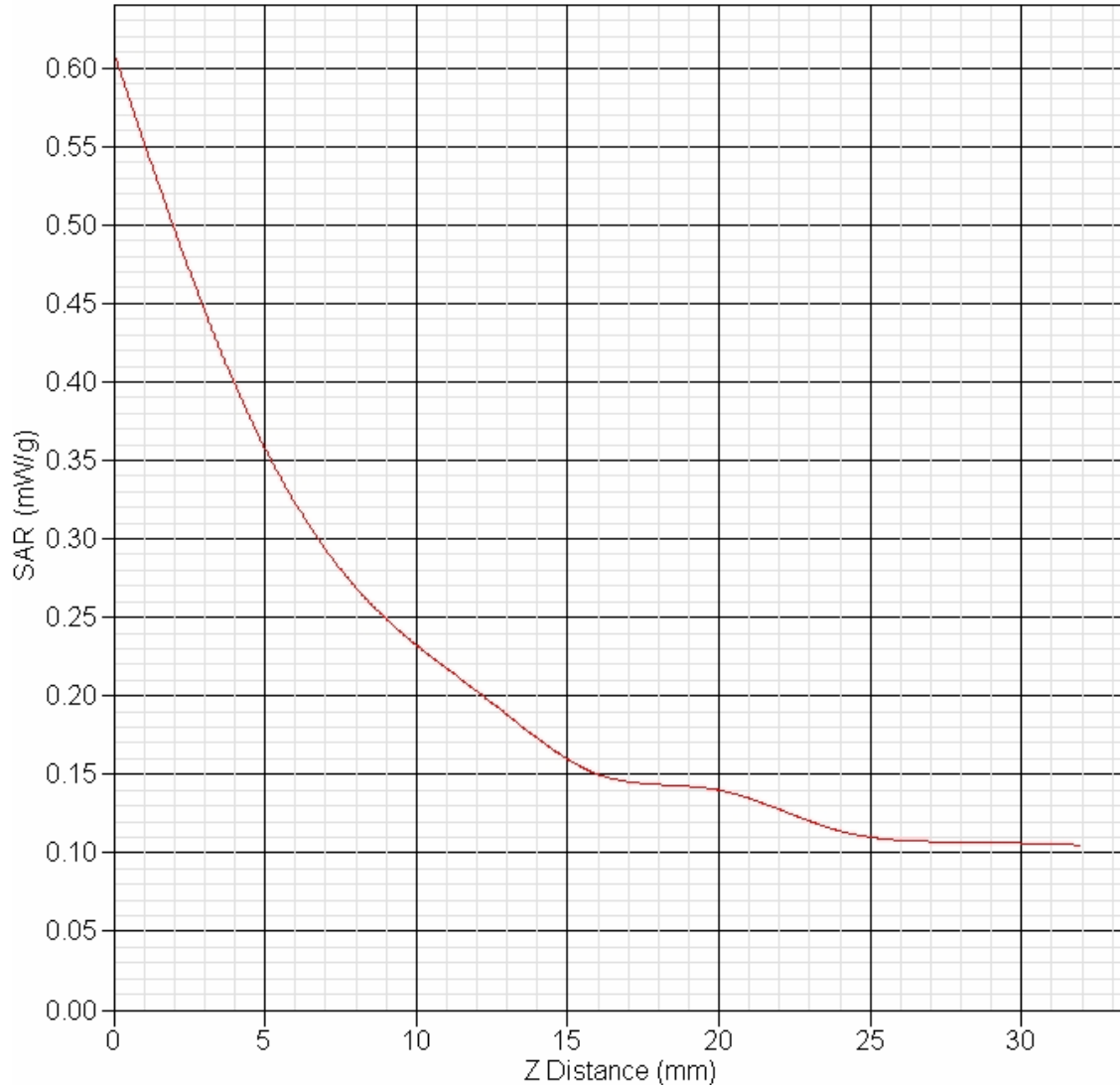
Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^1 (1-g)	c_i^1 (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	3.9	rectangular	•3	1	1	2.2	2.2
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	0.0	normal	1	0.7	0.5	0.0	0.0
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	2.7	normal	1	0.6	0.5	1.6	1.3
Combined Uncertainty		RSS				9.6	9.4
Combined Uncertainty (coverage factor=2)		Normal (k=2)				19.2	18.8



SAR-Z Axis

at Hotspot x:20.06 y:-5.13



Project number: ITLB-6FOX-5300

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Ottawa ON Canada K2R 1E6
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SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 30-Jul-2007
 Starting Time : 30-Jul-2007 11:48:34 AM
 End Time : 30-Jul-2007 12:09:27 PM
 Scanning Time : 1253 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : X00-00
 Frequency : 2412.00 MHz
 Max. Transmit Pwr : 0.05 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 55 mm
 Depth : 0 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.245 W/kg
 Power Drift-Finish: 0.238 W/kg
 Power Drift (%) : -2.726
 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 : U

Tissue Data
 Type : BODY
 Serial No. : 2450_B
 Frequency : 2450.00 MHz
 Last Calib. Date : 27-Jul-2007
 Temperature : 23.00 °C
 Ambient Temp. : 23.00 °C
 Humidity : 40.00 RH%
 Epsilon : 51.28 F/m
 Sigma : 1.95 S/m
 Density : 1000.00 kg/cu. m

Probe Data

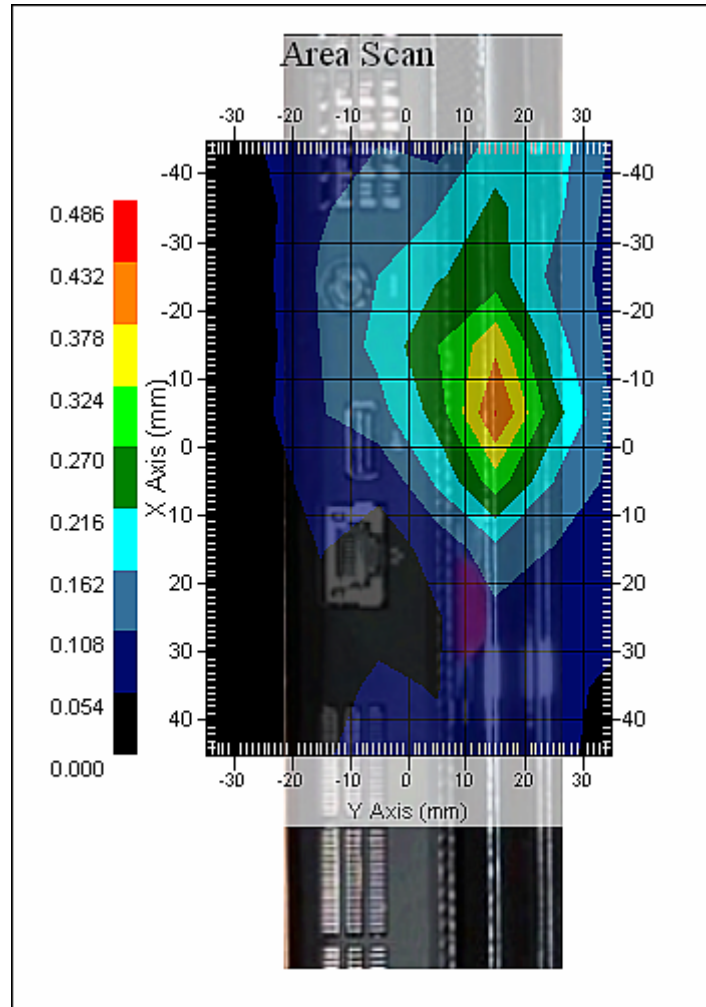
Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 2450.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 4.4
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 25.00 °C
 Set-up Date : 30-Jul-2007
 Set-up Time : 11:46:23 AM
 Area Scan : 10x8x1 : 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 : 0.362 W/kg
Zoom Scan Peak SAR : 0.690 W/kg





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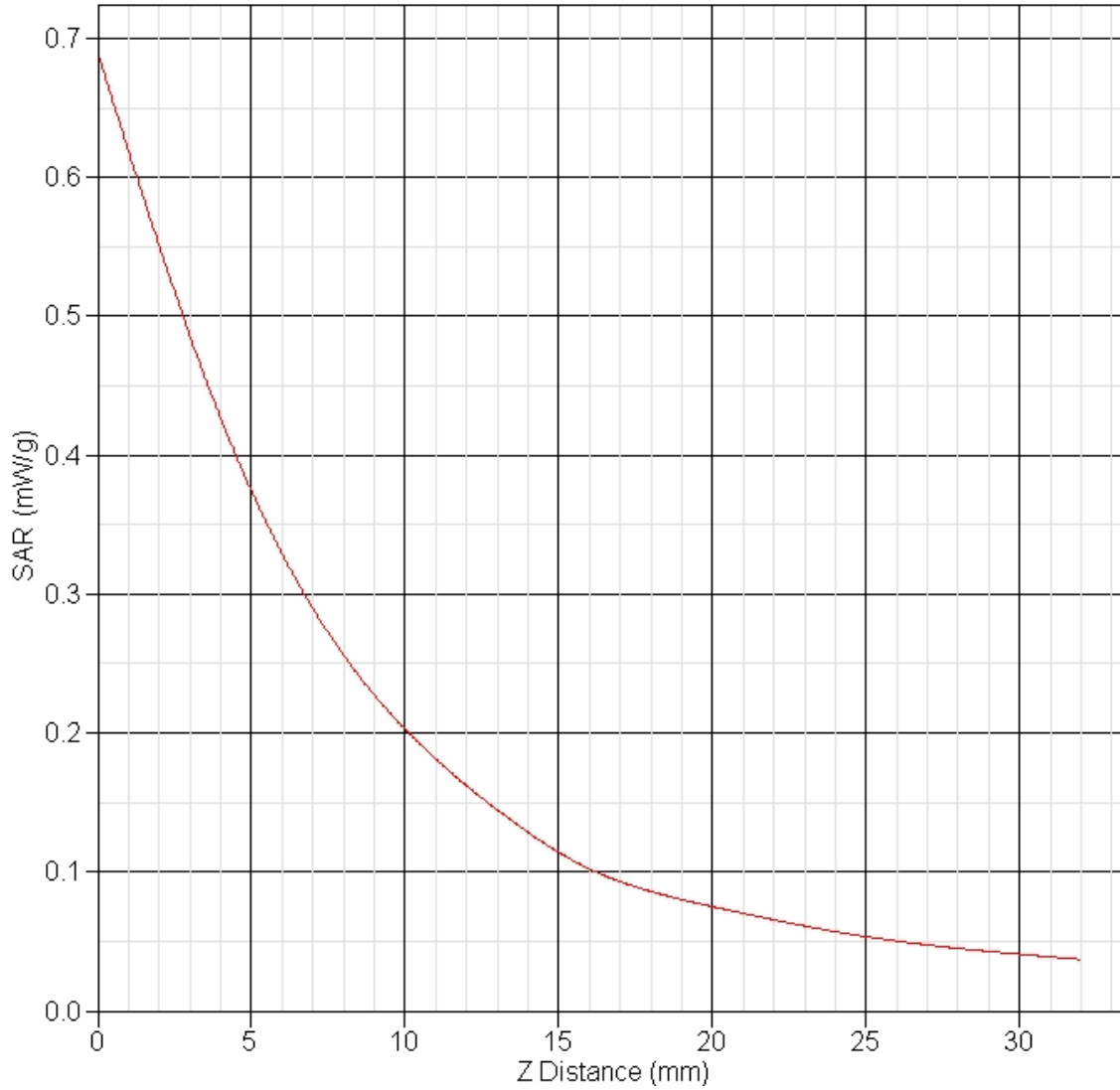
Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^1 (1-g)	c_i^1 (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	2.7	rectangular	•3	1	1	1.6	1.6
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	0.0	normal	1	0.7	0.5	0.0	0.0
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	2.7	normal	1	0.6	0.5	1.6	1.3
Combined Uncertainty		RSS				9.5	9.3
Combined Uncertainty (coverage factor=2)		Normal (k=2)				19.0	18.6



SAR-Z Axis

at Hotspot x:20.06 y:-5.13



SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 30-Jul-2007
 Starting Time : 30-Jul-2007 12:26:25 PM
 End Time : 30-Jul-2007 12:47:21 PM
 Scanning Time : 1256 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : X00-00
 Frequency : 2412.00 MHz
 Max. Transmit Pwr : 0.05 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 55 mm
 Depth : 0 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.352 W/kg
 Power Drift-Finish: 0.338 W/kg
 Power Drift (%) : -4.198
 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 : U

Tissue Data
 Type : BODY
 Serial No. : 2450_B
 Frequency : 2450.00 MHz
 Last Calib. Date : 27-Jul-2007
 Temperature : 23.00 °C
 Ambient Temp. : 23.00 °C
 Humidity : 40.00 RH%
 Epsilon : 51.28 F/m
 Sigma : 1.95 S/m
 Density : 1000.00 kg/cu. m

Probe Data

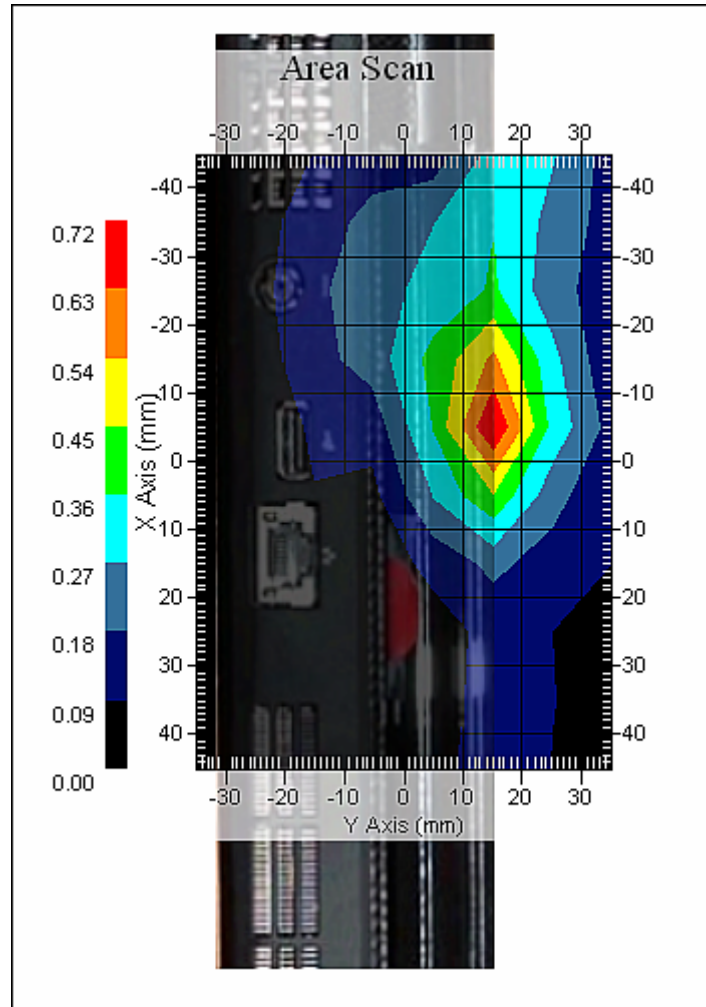
Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 2450.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 4.4
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 25.00 °C
 Set-up Date : 30-Jul-2007
 Set-up Time : 12:24:39 PM
 Area Scan : 10x8x1 : 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 : 0.601 W/kg
Zoom Scan Peak SAR : 1.201 W/kg





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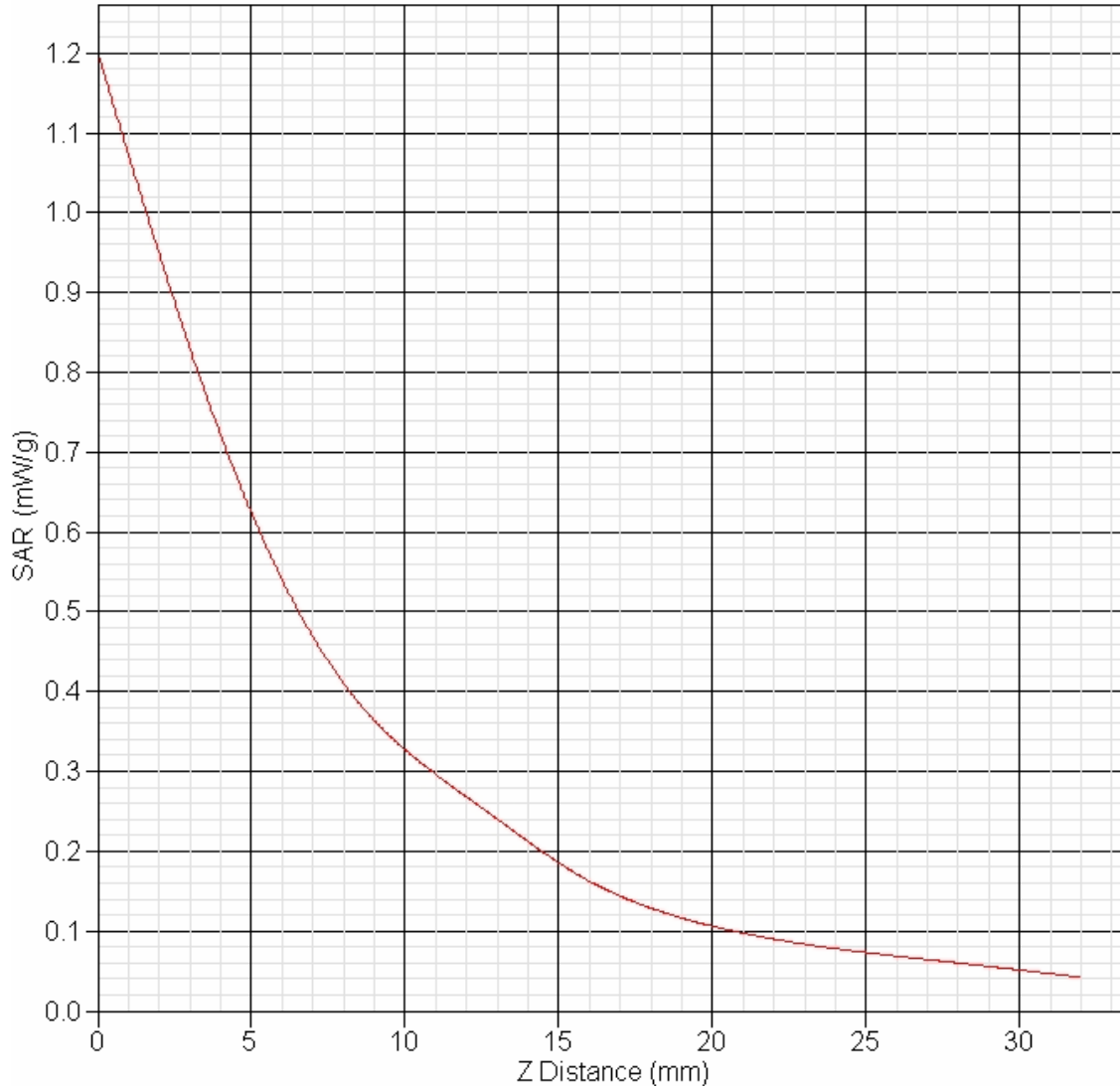
Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^1 (1-g)	c_i^1 (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	4.2	rectangular	•3	1	1	2.4	2.4
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	0.0	normal	1	0.7	0.5	0.0	0.0
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	2.7	normal	1	0.6	0.5	1.6	1.3
Combined Uncertainty		RSS				9.7	9.5
Combined Uncertainty (coverage factor=2)		Normal (k=2)				19.3	18.9



SAR-Z Axis

at Hotspot x:20.06 y:-5.13



SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 30-Jul-2007
 Starting Time : 30-Jul-2007 11:19:56 AM
 End Time : 30-Jul-2007 11:40:49 AM
 Scanning Time : 1253 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : X00-00
 Frequency : 2412.00 MHz
 Max. Transmit Pwr : 0.05 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 55 mm
 Depth : 0 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.314 W/kg
 Power Drift-Finish: 0.315 W/kg
 Power Drift (%) : 0.181
 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 : U

Tissue Data
 Type : BODY
 Serial No. : 2450_B
 Frequency : 2450.00 MHz
 Last Calib. Date : 27-Jul-2007
 Temperature : 23.00 °C
 Ambient Temp. : 23.00 °C
 Humidity : 40.00 RH%
 Epsilon : 51.28 F/m
 Sigma : 1.95 S/m
 Density : 1000.00 kg/cu. m

Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 2450.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 4.4
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

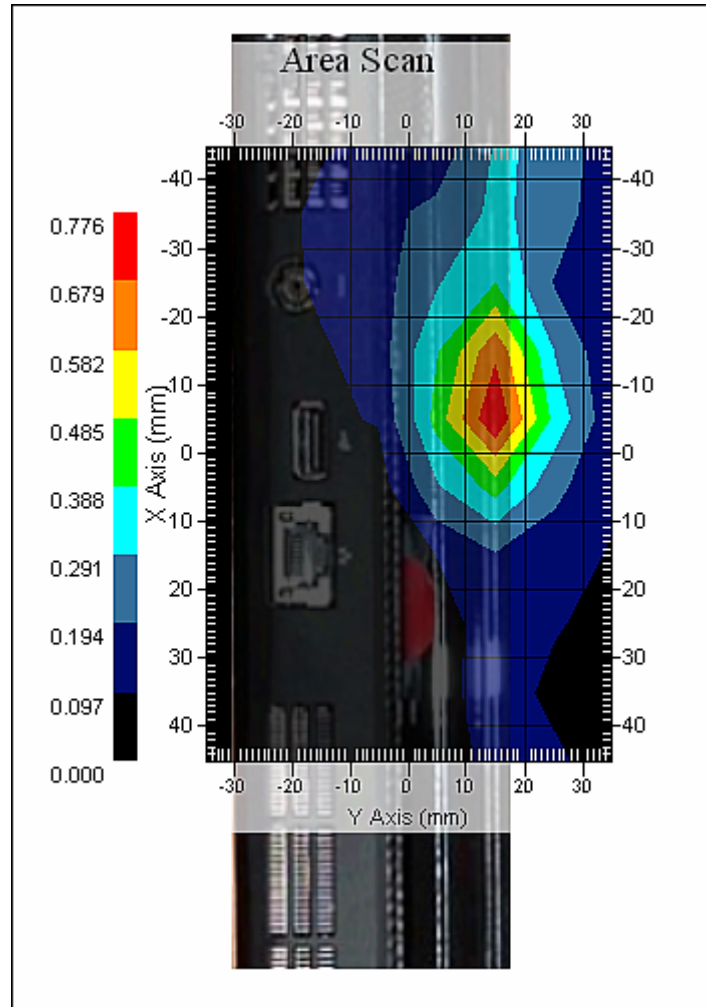
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 25.00 °C
 Set-up Date : 30-Jul-2007
 Set-up Time : 11:18:44 AM
 Area Scan : 10x8x1 : 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 : 0.640 W/kg
 Zoom Scan Peak SAR : 1.291 W/kg





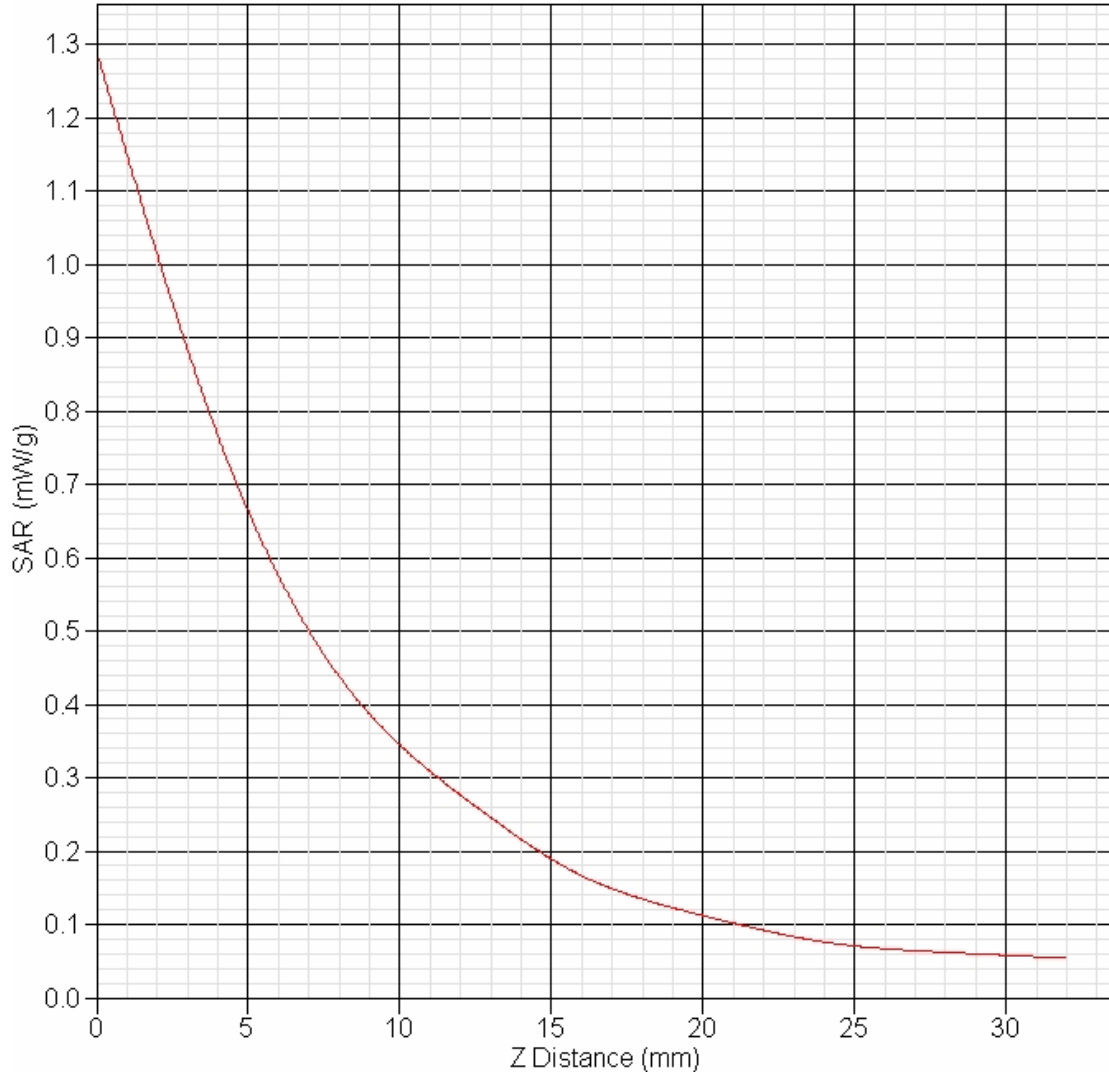
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Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^1 (1-g)	c_i^1 (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(10-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	0.2	rectangular	•3	1	1	0.1	0.1
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	0.0	normal	1	0.7	0.5	0.0	0.0
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	2.7	normal	1	0.6	0.5	1.6	1.3
Combined Uncertainty		RSS				9.4	9.2
Combined Uncertainty (coverage factor=2)		Normal (k=2)				18.7	18.3



SAR-Z Axis at Hotspot x:20.06 y:-5.13



Project number: ITLB-6FOX-5300

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Ottawa ON Canada K2R 1E6
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SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 31-Jul-2007
 Starting Time : 31-Jul-2007 09:00:21 AM
 End Time : 31-Jul-2007 09:34:08 AM
 Scanning Time : 2027 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : Foxconn
 Frequency : 5200.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 50 mm
 Depth : 3 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.455 W/kg
 Power Drift-Finish : 0.436 W/kg
 Power Drift (%) : -4.272
 Picture : C:\alsas\bitmap\Device-8.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5200-B
 Frequency : 5200.00 MHz
 Last Calib. Date : 31-Jul-2007
 Temperature : 22.00 °C
 Ambient Temp. : 25.00 °C
 Humidity : 45.00 RH%
 Epsilon : 48.90 F/m
 Sigma : 5.35 S/m
 Density : 1000.00 kg/cu. m

Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5200.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.5
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

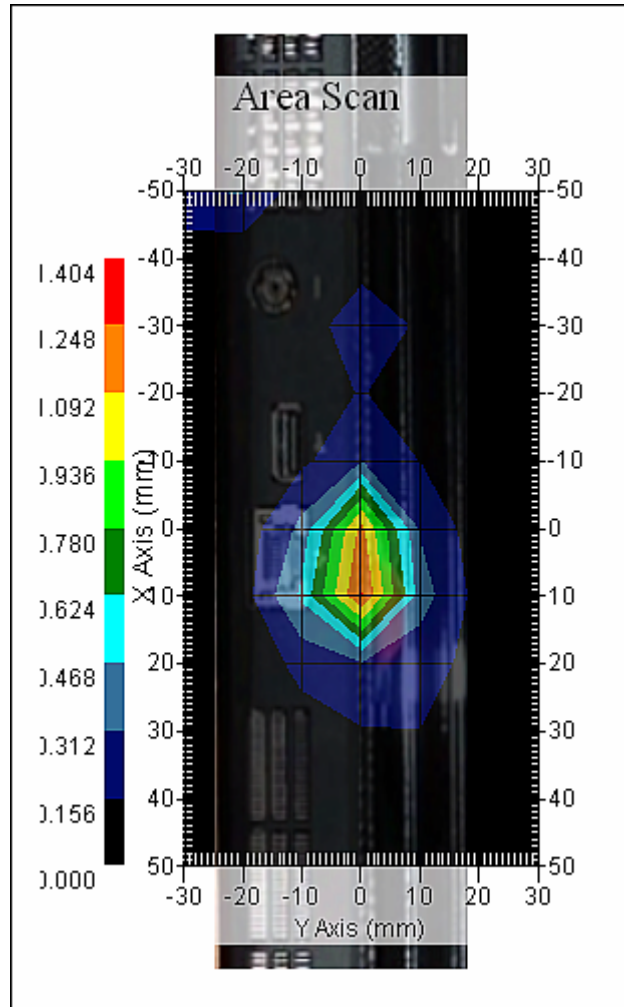
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 24.00 °C
 Set-up Date : 31-Jul-2007
 Set-up Time : 3:30:44 PM
 Area Scan : 11x7x1 : Measurement x=10mm, y=10mm, z=1.4mm
 Zoom Scan : 9x9x16 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Low





1 gram SAR value : 1.112 W/kg
 Zoom Scan Peak SAR : 2.832 W/kg





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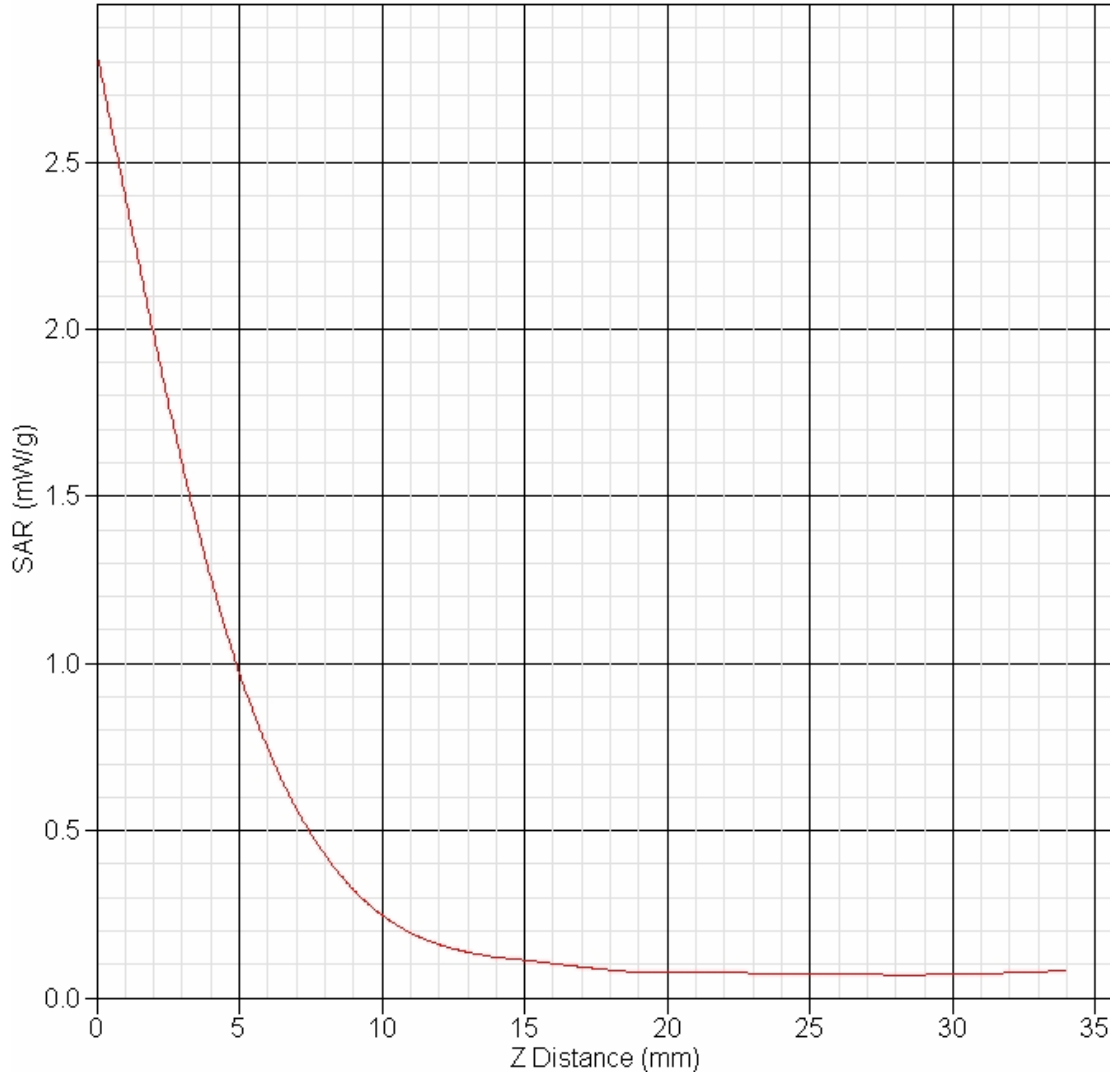
Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^1 (1-g)	c_i^1 (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	4.2	rectangular	•3	1	1	2.4	2.4
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	0.0	normal	1	0.7	0.5	0.0	0.0
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	0.0	normal	1	0.6	0.5	0.0	0.0
Combined Uncertainty		RSS				9.1	8.9
Combined Uncertainty (coverage factor=2)		Normal (k=2)				18.2	17.8



SAR-Z Axis

at Hotspot x:20.06 y:-5.13



SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 31-Jul-2007
 Starting Time : 31-Jul-2007 10:32:33 AM
 End Time : 31-Jul-2007 10:58:21 AM
 Scanning Time : 1548 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : Foxconn
 Frequency : 5200.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 50 mm
 Depth : 3 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.152 W/kg
 Power Drift-Finish: 0.147 W/kg
 Power Drift (%) : -3.278
 Picture : C:\alsas\bitmap\Device-8.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5200-B
 Frequency : 5200.00 MHz
 Last Calib. Date : 31-Jul-2007
 Temperature : 22.00 °C
 Ambient Temp. : 25.00 °C
 Humidity : 45.00 RH%
 Epsilon : 48.90 F/m
 Sigma : 5.35 S/m
 Density : 1000.00 kg/cu. m

Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5200.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.5
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

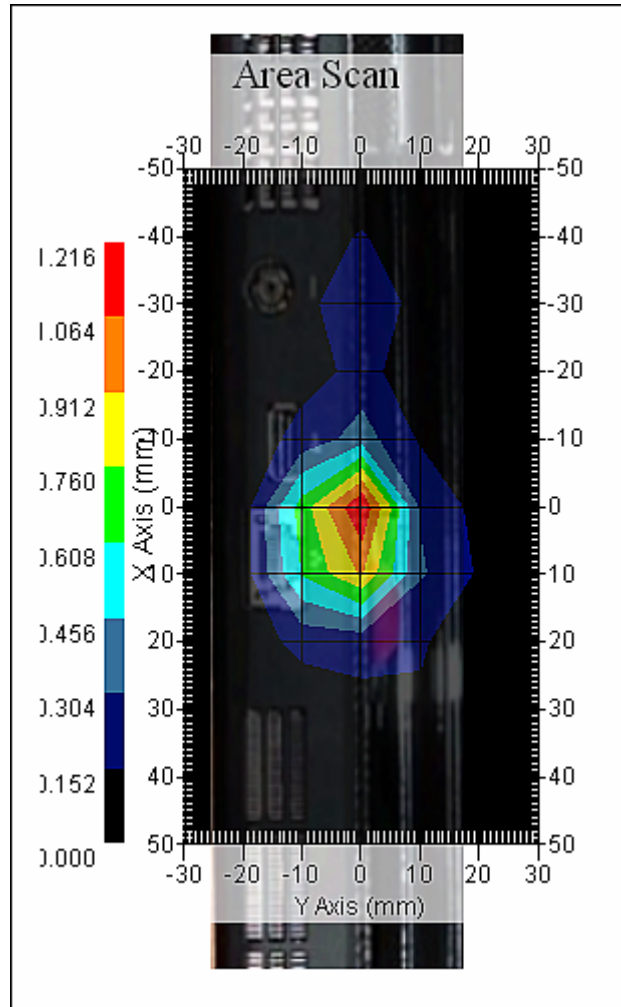
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 24.00 °C
 Set-up Date : 31-Jul-2007
 Set-up Time : 10:27:48 AM
 Area Scan : 11x7x1 : Measurement x=10mm, y=10mm, z=1.4mm
 Zoom Scan : 9x9x16 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid





1 gram SAR value : 1.183 W/kg
 Zoom Scan Peak SAR : 3.272 W/kg





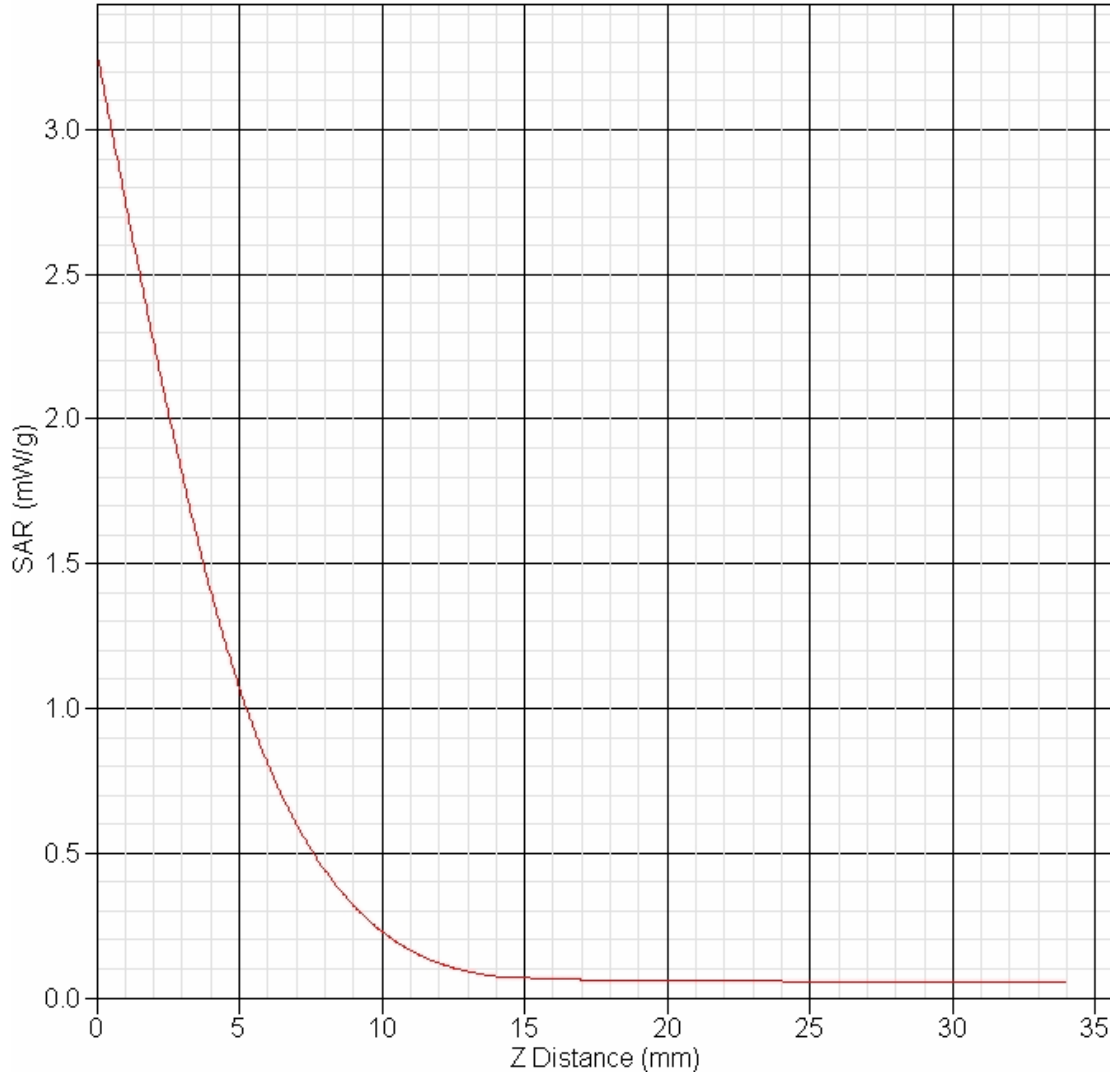
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Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^1 (1-g)	c_i^1 (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	3.3	rectangular	•3	1	1	1.9	1.9
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	0.0	normal	1	0.7	0.5	0.0	0.0
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	0.0	normal	1	0.6	0.5	0.0	0.0
Combined Uncertainty		RSS				9.4	9.3
Combined Uncertainty (coverage factor=2)		Normal (k=2)				18.9	18.5



SAR-Z Axis at Hotspot x:20.06 y:-5.13



Project number: ITLB-6FOX-5300

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SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 31-Jul-2007
 Starting Time : 31-Jul-2007 11:13:36 AM
 End Time : 31-Jul-2007 11:39:22 AM
 Scanning Time : 1546 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : Foxconn
 Frequency : 5200.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 50 mm
 Depth : 3 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.193 W/kg
 Power Drift-Finish : 0.186 W/kg
 Power Drift (%) : -4.958
 Picture : C:\alsas\bitmap\Device-8.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5200-B
 Frequency : 5200.00 MHz
 Last Calib. Date : 31-Jul-2007
 Temperature : 22.00 °C
 Ambient Temp. : 25.00 °C
 Humidity : 45.00 RH%
 Epsilon : 48.90 F/m
 Sigma : 5.35 S/m
 Density : 1000.00 kg/cu. m

Probe Data

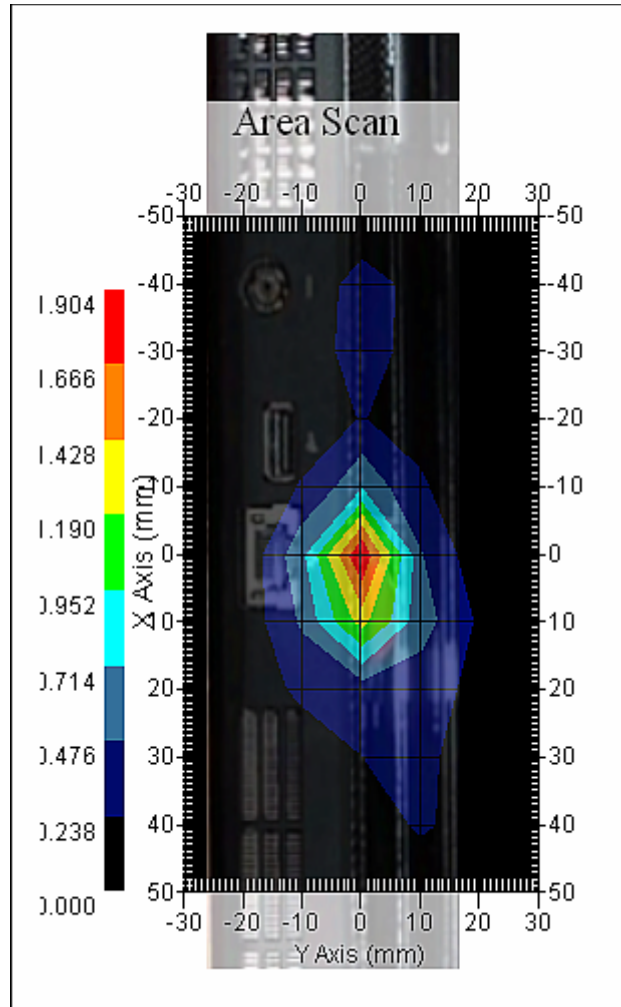
Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5200.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.5
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 24.00 °C
 Set-up Date : 31-Jul-2007
 Set-up Time : 11:08:51 AM
 Area Scan : 11x7x1 : Measurement x=10mm, y=10mm, z=1.4mm
 Zoom Scan : 9x9x16 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : High



1 gram SAR value : 1.385 W/kg
 Zoom Scan Peak SAR : 4.413 W/kg





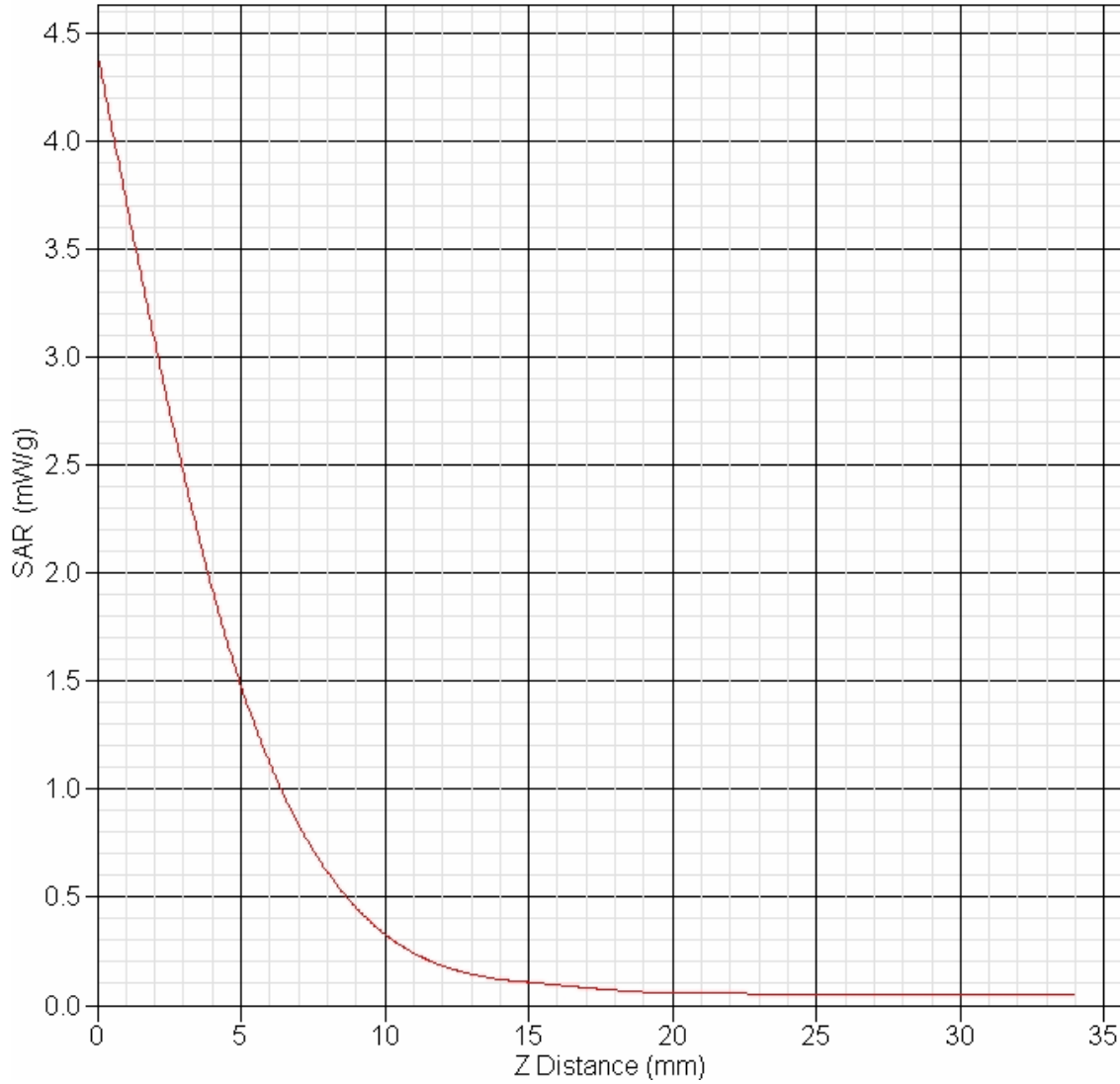
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Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^{-1} (1-g)	c_i^{-1} (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	5.0	rectangular	•3	1	1	2.6	2.6
Phantom and Setup							
Phantom Uncertainty(shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity(target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity(meas.)	0.0	normal	1	0.7	0.5	0.0	0.0
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	0.0	normal	1	0.6	0.5	0.0	0.0
Combined Uncertainty		RSS				9.3	8.1
Combined Uncertainty (coverage factor=2)		Normal (k=2)				18.6	18.3



SAR-Z Axis at Hotspot x:20.06 y:-5.13



Project number: ITLB-6FOX-5300

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SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 01-Aug-2007
 Starting Time : 01-Aug-2007 01:03:02 PM
 End Time : 01-Aug-2007 01:28:48 PM
 Scanning Time : 1546 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : Foxconn
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 50 mm
 Depth : 3 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.200 W/kg
 Power Drift-Finish: 0.197 W/kg
 Power Drift (%) : -1.707
 Picture : C:\alsas\bitmap\Device-8.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5800-B
 Frequency : 5800.00 MHz
 Last Calib. Date : 01-Aug-2007
 Temperature : 22.00 °C
 Ambient Temp. : 23.00 °C
 Humidity : 50.00 RH%
 Epsilon : 46.25 F/m
 Sigma : 6.15 S/m
 Density : 1000.00 kg/cu. m

Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5800.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 4.01
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

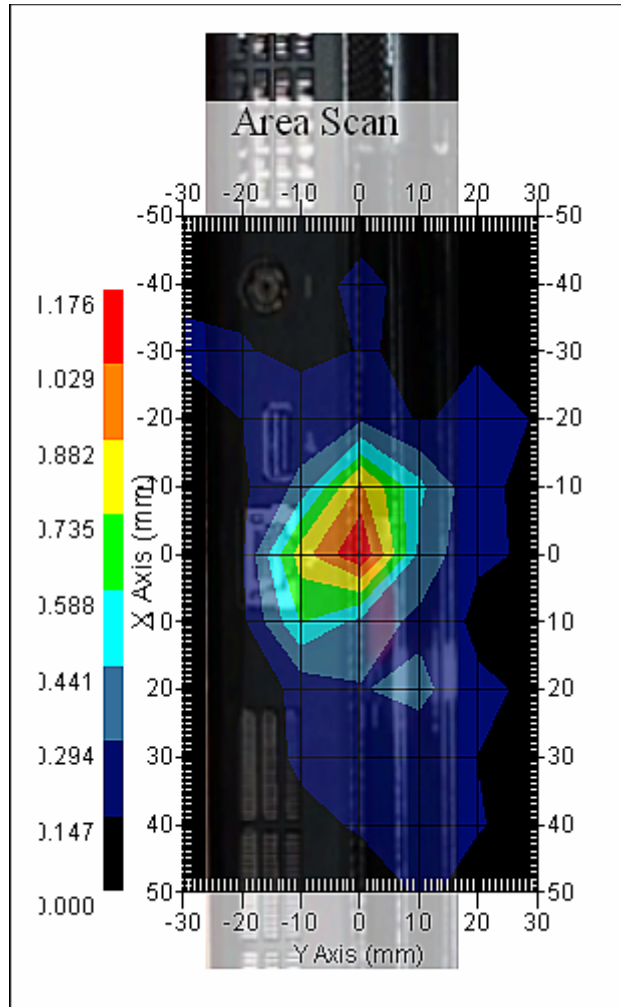
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 23.00 °C
 Set-up Date : 01-Aug-2007
 Set-up Time : 12:58:40 PM
 Area Scan : 11x7x1 : Measurement x=10mm, y=10mm, z=1.4mm
 Zoom Scan : 9x9x16 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid





1 gram SAR value : 1.138 W/kg
Zoom Scan Peak SAR : 2.992 W/kg





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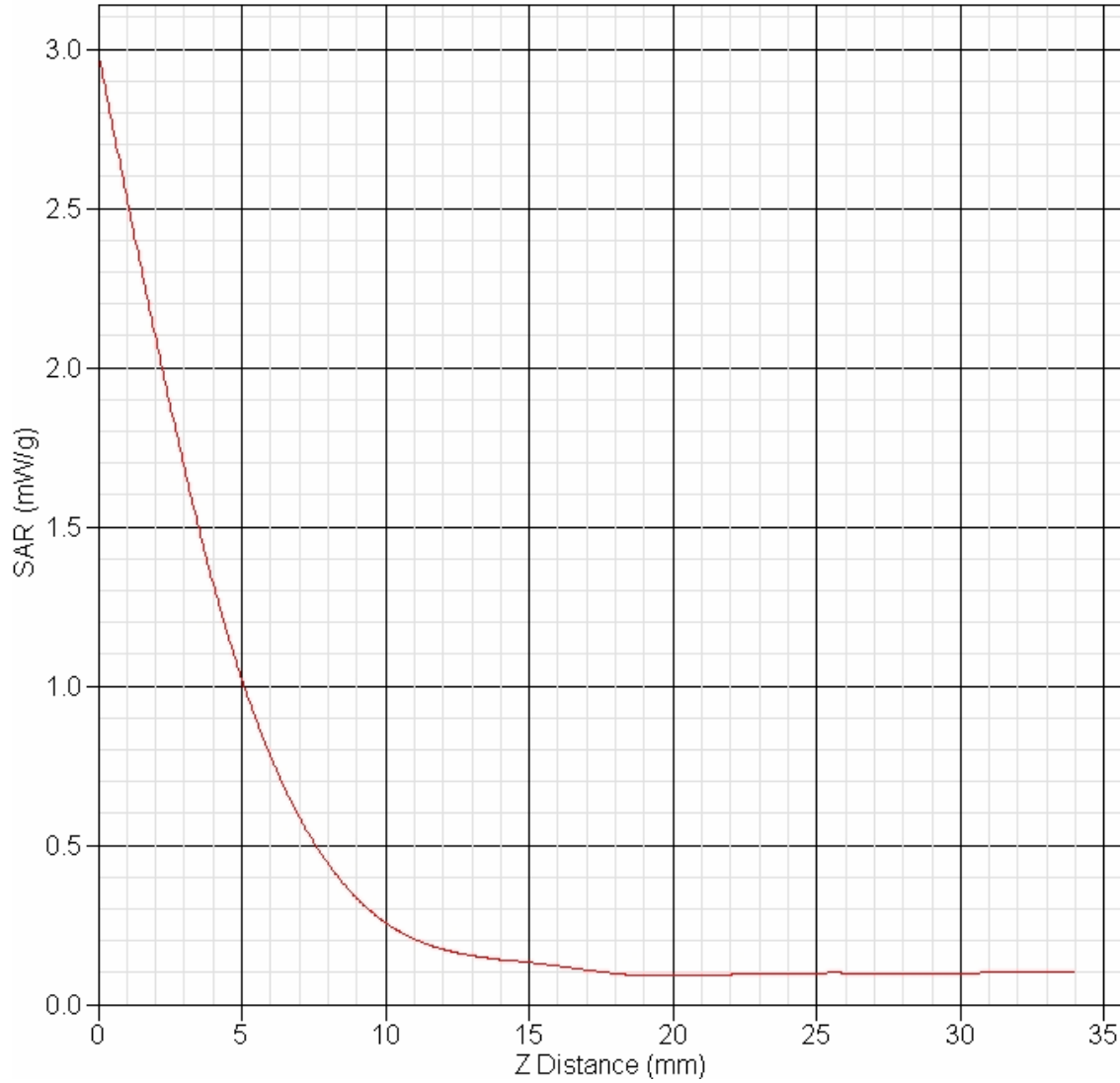
Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^{-1} (1-g)	c_i^{-1} (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	1.7	rectangular	•3	1	1	1	1
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	2.5	normal	1	0.7	0.5	1.8	1.3
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	4.0	normal	1	0.6	0.5	2.4	2.0
Combined Uncertainty		RSS				9.1	8.85
Combined Uncertainty (coverage factor=2)		Normal (k=2)				18.2	17.7



SAR-Z Axis

at Hotspot x:20.06 y:-5.13



Project number: ITLB-6FOX-5300

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SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 01-Aug-2007
 Starting Time : 01-Aug-2007 01:03:02 PM
 End Time : 01-Aug-2007 01:28:48 PM
 Scanning Time : 1546 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : Foxconn
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 50 mm
 Depth : 3 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.200 W/kg
 Power Drift-Finish: 0.165 W/kg
 Power Drift (%) : -1.707
 Picture : C:\alsas\bitmap\Device-8.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5800-B
 Frequency : 5800.00 MHz
 Last Calib. Date : 01-Aug-2007
 Temperature : 22.00 °C
 Ambient Temp. : 23.00 °C
 Humidity : 50.00 RH%
 Epsilon : 46.25 F/m
 Sigma : 6.15 S/m
 Density : 1000.00 kg/cu. m

Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5800.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 4.01
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

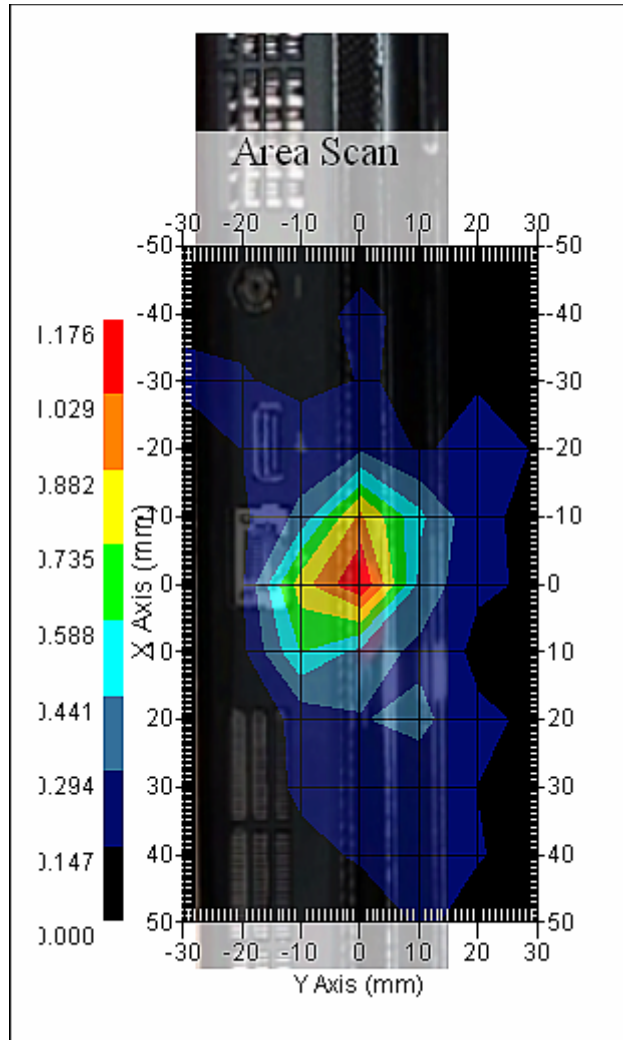
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 23.00 °C
 Set-up Date : 01-Aug-2007
 Set-up Time : 12:58:40 PM
 Area Scan : 11x7x1 : Measurement x=10mm, y=10mm, z=1.4mm
 Zoom Scan : 9x9x16 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid





1 gram SAR value : 1.138 W/kg
 Zoom Scan Peak SAR : 2.992 W/kg





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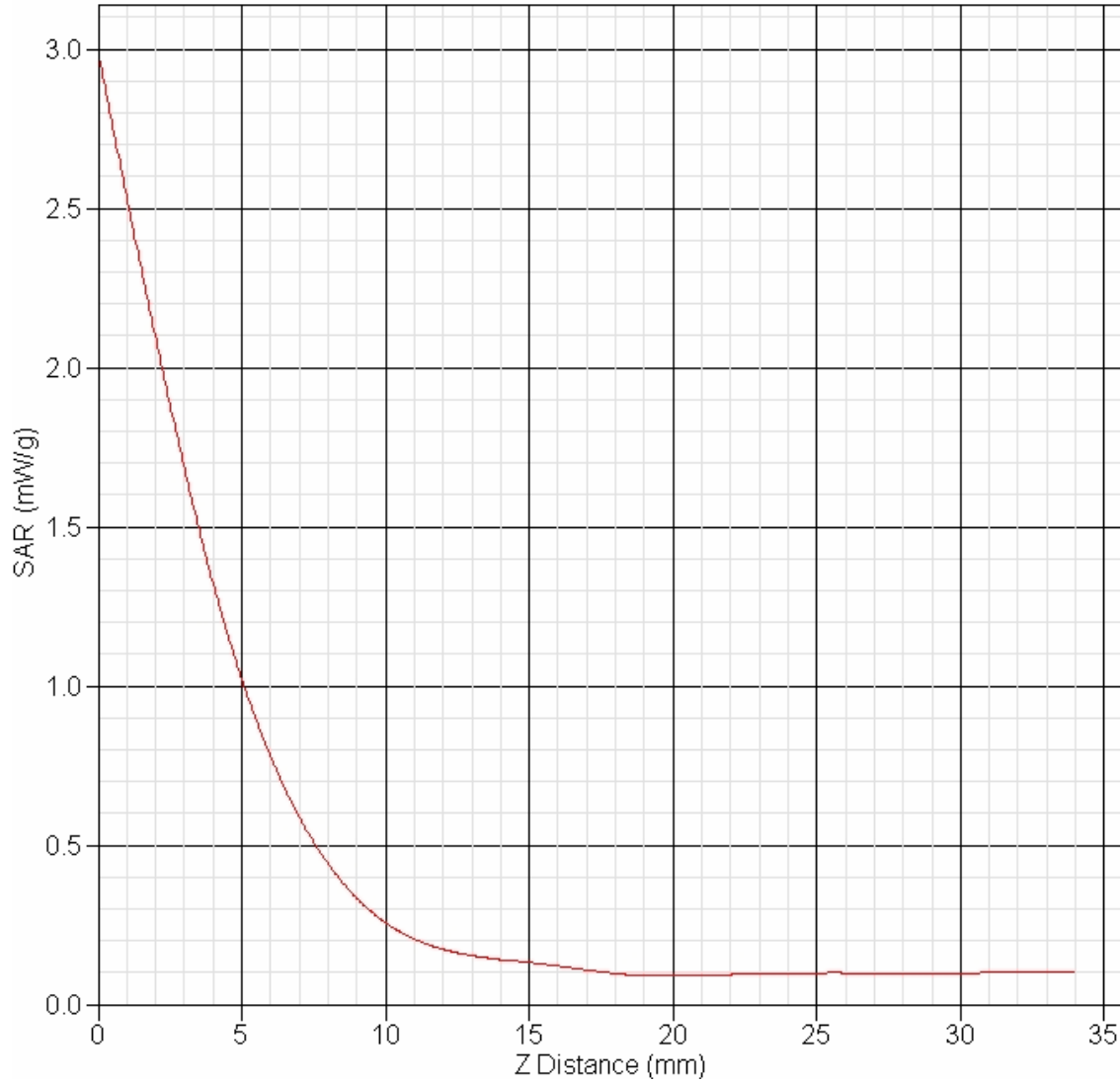
Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^{-1} (1-g)	c_i^{-1} (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	1.7	rectangular	•3	1	1	1.0	1.0
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	2.5	normal	1	0.7	0.5	1.8	1.3
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	4.0	normal	1	0.6	0.5	2.4	2.0
Combined Uncertainty		RSS				9.1	8.85
Combined Uncertainty (coverage factor=2)		Normal (k=2)				18.2	17.7



SAR-Z Axis

at Hotspot x:20.06 y:-5.13



Project number: ITLB-6FOX-5300

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SAR Test Report

Report Date : 02-Aug-2007
 By Operator : 123
 Measurement Date : 01-Aug-2007
 Starting Time : 01-Aug-2007 01:34:32 PM
 End Time : 01-Aug-2007 02:00:19 PM
 Scanning Time : 1547 secs

Product Data
 Device Name : Dell-Siberia
 Serial No. : PS060387
 Type : Other
 Model : Foxconn
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 180 mm
 Width : 50 mm
 Depth : 3 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.204 W/kg
 Power Drift-Finish: 0.151 W/kg
 Power Drift (%) : -2.948
 Picture : C:\alsas\bitmap\Device-8.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5800-B
 Frequency : 5800.00 MHz
 Last Calib. Date : 01-Aug-2007
 Temperature : 22.00 °C
 Ambient Temp. : 23.00 °C
 Humidity : 50.00 RH%
 Epsilon : 46.25 F/m
 Sigma : 6.15 S/m
 Density : 1000.00 kg/cu. m

Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5800.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 4.01
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

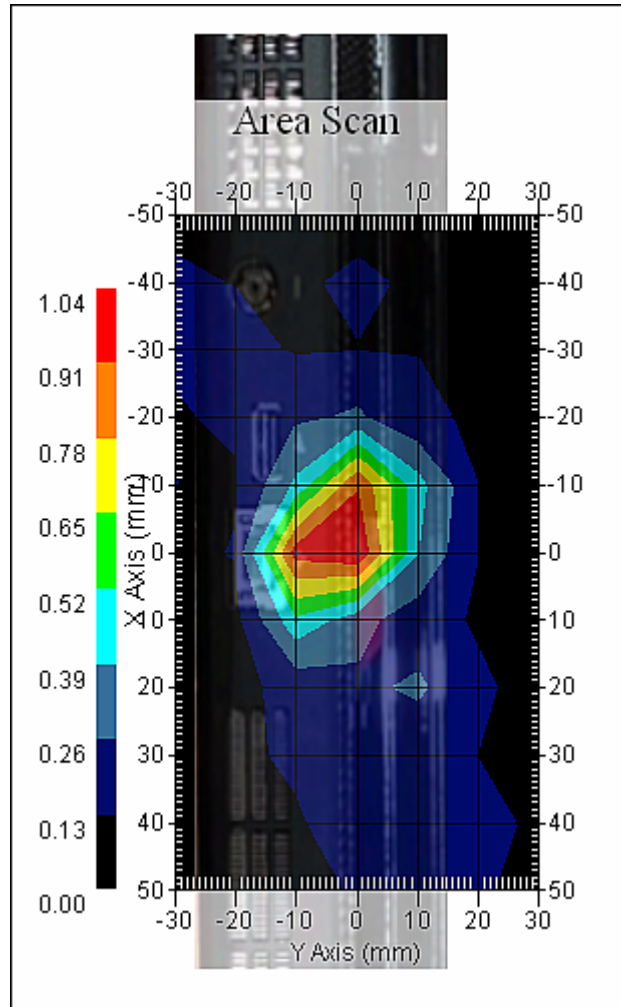
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 22.00 °C
 Ambient Temp. : 23.00 °C
 Set-up Date : 01-Aug-2007
 Set-up Time : 1:32:10 PM
 Area Scan : 11x7x1 : Measurement x=10mm, y=10mm, z=1.4mm
 Zoom Scan : 9x9x16 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : High





1 gram SAR value : 1.185 W/kg
 Zoom Scan Peak SAR : 3.262 W/kg





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Exposure Assessment Measurement Uncertainty

Source of Uncertainty	Tolerance Value	Probability Distribution	Divisor	c_i^{-1} (1-g)	c_i^{-1} (10-g)	Standard Uncertainty (1-g) %	Standard Uncertainty (10-g) %
Measurement System							
Probe Calibration	3.5	normal	1	1	1	3.5	3.5
Axial Isotropy	3.7	rectangular	•3	$(1-cp)^{1/2}$	$(1-cp)^{1/2}$	1.5	1.5
Hemispherical Isotropy	10.9	rectangular	•3	•cp	•cp	4.4	4.4
Boundary Effect	1.0	rectangular	•3	1	1	0.6	0.6
Linearity	4.7	rectangular	•3	1	1	2.7	2.7
Detection Limit	1.0	rectangular	•3	1	1	0.6	0.6
Readout Electronics	1.0	normal	1	1	1	1.0	1.0
Response Time	0.8	rectangular	•3	1	1	0.5	0.5
Integration Time	1.7	rectangular	•3	1	1	1.0	1.0
RF Ambient Condition	3.0	rectangular	•3	1	1	1.7	1.7
Probe Positioner Mech.	0.4	rectangular	•3	1	1	0.2	0.2
Restriction							
Probe Positioning with respect to Phantom Shell	2.9	rectangular	•3	1	1	1.7	1.7
Extrapolation and Integration	3.7	rectangular	•3	1	1	2.1	2.1
Test Sample Positioning	4.0	normal	1	1	1	4.0	4.0
Device Holder Uncertainty	2.0	normal	1	1	1	2.0	2.0
Drift of Output Power	2.9	rectangular	•3	1	1	1.7	1.7
Phantom and Setup							
Phantom Uncertainty (shape & thickness tolerance)	3.4	rectangular	•3	1	1	2.0	2.0
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2.0	1.4
Liquid Conductivity (meas.)	2.5	normal	1	0.7	0.5	1.8	1.3
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	4.0	normal	1	0.6	0.5	2.4	2.0
Combined Uncertainty		RSS				10.8	10.6
Combined Uncertainty (coverage factor=2)		Normal (k=2)				21.7	21.3



SAR-Z Axis at Hotspot x:20.06 y:-5.13

