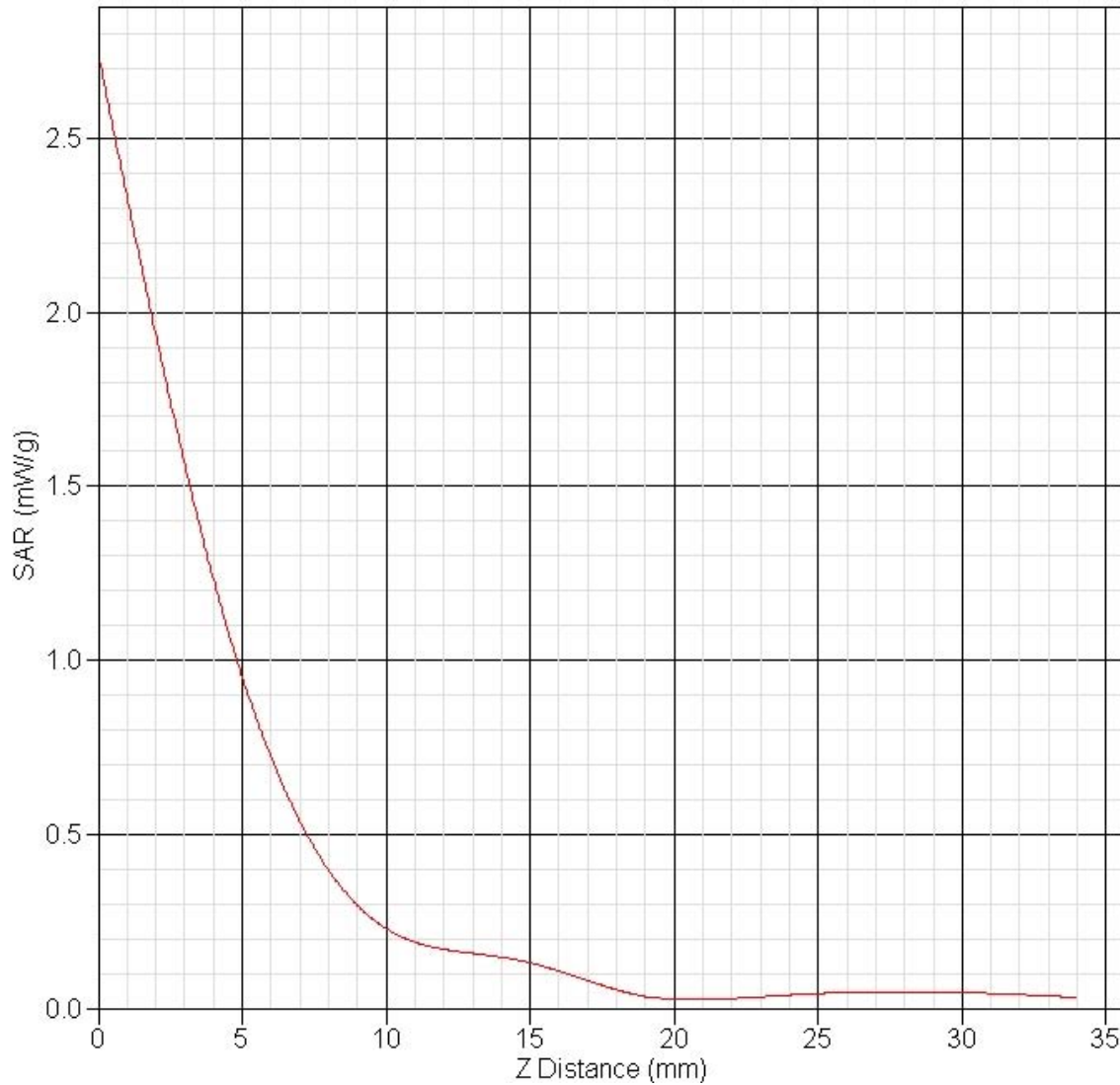


SAR-Z Axis

at Hotspot x:4.04 y:7.85



Project number: ITLB-AMP-5339

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SAR Test Report

Report Date : 05-Jun-2008
 By Operator : 123
 Measurement Date : 05-Jun-2008
 Starting Time : 05-Jun-2008 02:11:40 PM
 End Time : 05-Jun-2008 03:24:42 PM
 Scanning Time : ##### secs

Product Data
 Device Name : Dell Pacino Amphenol front
 Serial No. : ITLB-Dell-Pacino-Amp-5339
 Type : Other
 Model : APL
 Frequency : 5600.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 140 mm
 Width : 110 mm
 Depth : 25 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.075 W/kg
 Power Drift-Finish : 0.074 W/kg
 Power Drift (%) : -4.051
 Picture : C:\alsas\bitmap\Device-15.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. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 05-Jun-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 46.07 F/m
 Sigma : 5.84 S/m
 Density : 1000.00 kg/cu. m

Project number: ITLB-AMP-5339

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Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5600.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.3
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 0.56 mm

Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 21.00 °C
 Ambient Temp. : 22.00 °C
 Set-up Date : 05-Jun-2008
 Set-up Time : 1:51:17 PM
 Area Scan : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 9x9x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid

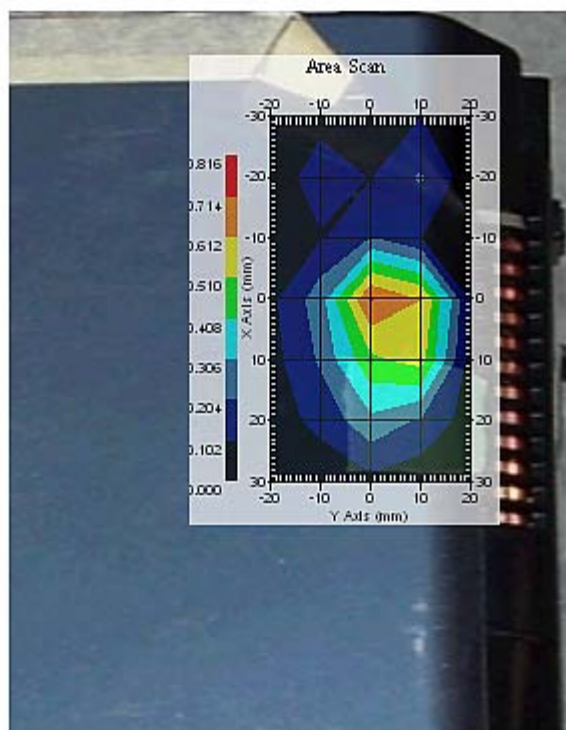
Project number: ITLB-AMP-5339

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1 gram SAR value : 0.841 W/kg
Zoom Scan Peak SAR : 2.281 W/kg

Project number: ITLB-AMP-5339

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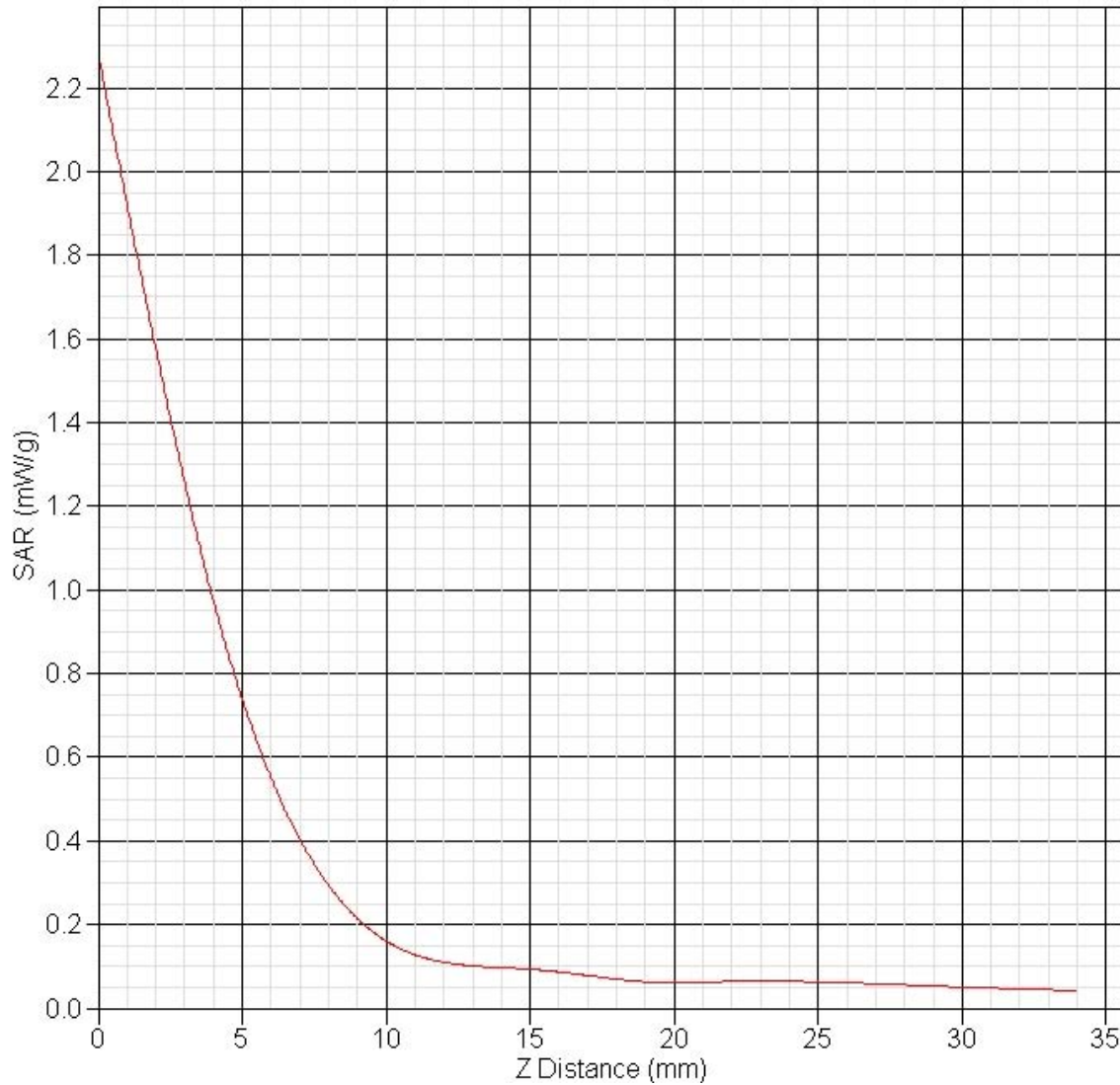
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Exposure Assessment Measurement Uncertainty

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	4
Device Holder Uncertainty	2.0	normal	1	1	1	2	2
Drift of Output Power	4.1	rectangular	•3	1	1	2.3	2.3
Phantom and Setup							
Phantom Uncertainty(shape & thickness tolerance)	3.4	rectangular	•3	1	1	2	2
Liquid Conductivity(target)	5.0	rectangular	•3	0.7	0.5	2	1.4
Liquid Conductivity(meas.)	1.4	normal	1	0.7	0.5	1.1	1
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	1.4	normal	1	0.6	0.5	1.4	1.3
Combined Uncertainty		RSS				10.1	9.6
Combined Uncertainty (coverage factor=2)		Normal (k=2)				20.3	19.2

SAR-Z Axis at Hotspot x:4.02 y:3.88





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SAR Test Report

Report Date : 06-Jun-2008
 By Operator : 123
 Measurement Date : 06-Jun-2008
 Starting Time : 06-Jun-2008 09:51:34 AM
 End Time : 06-Jun-2008 11:14:39 AM
 Scanning Time : ##### secs

Product Data
 Device Name : Dell Pacino Amphenol front
 Serial No. : ITLB-Dell-Pacino-Amp-5339
 Type : Other
 Model : APL
 Frequency : 5600.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 140 mm
 Width : 110 mm
 Depth : 25 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.035 W/kg
 Power Drift-Finish : 0.034 W/kg
 Power Drift (%) : -1.569
 Picture : C:\alsas\bitmap\Device-15.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. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 05-Jun-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 46.07 F/m
 Sigma : 5.84 S/m
 Density : 1000.00 kg/cu. m

Project number: ITLB-AMP-5339

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Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5600.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.3
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V/m})^2$
 Compression Point: 95.00 mV
 Offset : 0.56 mm

Measurement Data

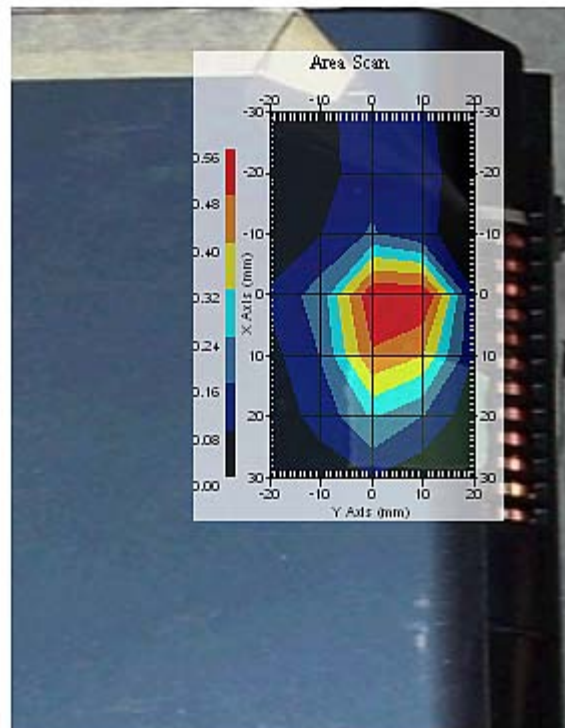
Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 21.00 °C
 Ambient Temp. : 22.00 °C
 Set-up Date : 06-Jun-2008
 Set-up Time : 10:39:58 AM
 Area Scan : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 9x9x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid

Project number: ITLB-AMP-5339





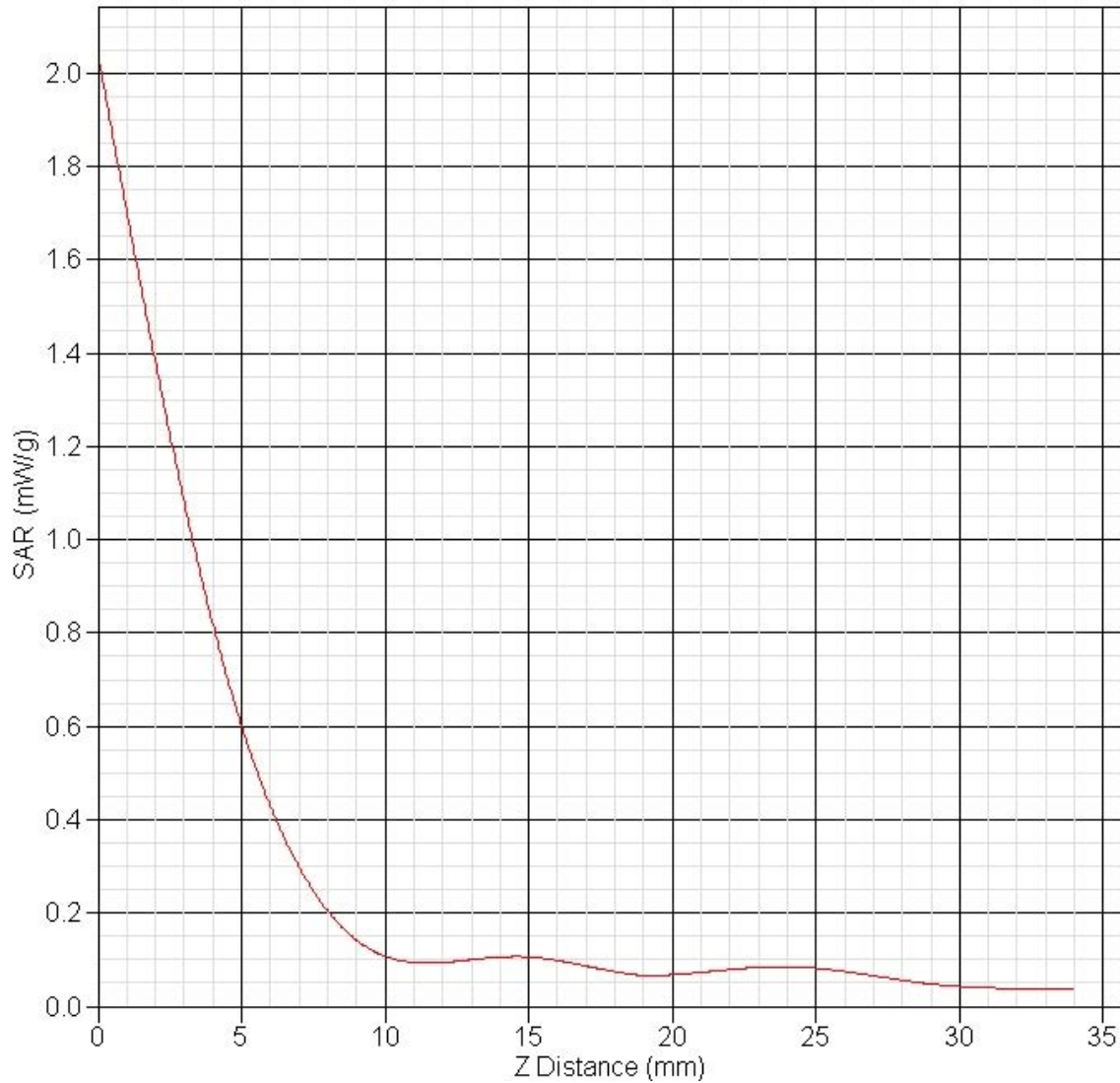
1 gram SAR value : 0.701 W/kg
 Zoom Scan Peak SAR : 2.041 W/kg

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	4
Device Holder Uncertainty	2.0	normal	1	1	1	2	2
Drift of Output Power	1.6	rectangular	•3	1	1	0.9	0.9
Phantom and Setup							
Phantom Uncertainty(shape & thickness tolerance)	3.4	rectangular	•3	1	1	2	2
Liquid Conductivity(target)	5.0	rectangular	•3	0.7	0.5	2	1.4
Liquid Conductivity(meas.)	1.4	normal	1	0.7	0.5	1.1	1
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	1.4	normal	1	0.6	0.5	1.4	1.3
Combined Uncertainty		RSS				9.4	8.9
Combined Uncertainty (coverage factor=2)		Normal (k=2)				18.9	17.8

SAR-Z Axis

at Hotspot x:4.05 y:5.88



Project number: ITLB-AMP-5339

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SAR Test Report

Report Date : 06-Jun-2008
 By Operator : 123
 Measurement Date : 06-Jun-2008
 Starting Time : 06-Jun-2008 11:21:17 AM
 End Time : 06-Jun-2008 12:34:24 PM
 Scanning Time : ##### secs

Product Data
 Device Name : Dell Pacino Amphenol front
 Serial No. : ITLB-Dell-Pacino-Amp-5339
 Type : Other
 Model : APL
 Frequency : 5600.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 140 mm
 Width : 110 mm
 Depth : 25 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.021 W/kg
 Power Drift-Finish : 0.022 W/kg
 Power Drift (%) : 3.480
 Picture : C:\alsas\bitmap\Device-15.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. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 05-Jun-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 46.07 F/m
 Sigma : 5.84 S/m
 Density : 1000.00 kg/cu. m

Project number: ITLB-AMP-5339

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Probe Data

Name : APREL
 Model : E-020
 Type : E-Field Triangle
 Serial No. : 225
 Last Calib. Date : 03-May-2007
 Frequency : 5600.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.3
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V/m})^2$
 Compression Point: 95.00 mV
 Offset : 0.56 mm

Measurement Data

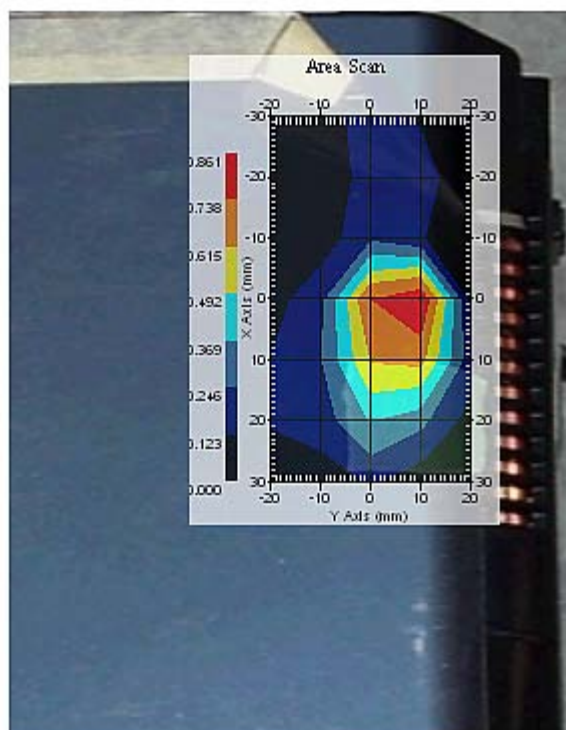
Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 21.00 °C
 Ambient Temp. : 22.00 °C
 Set-up Date : 06-Jun-2008
 Set-up Time : 3:56:05 PM
 Area Scan : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 9x9x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid

Project number: ITLB-AMP-5339





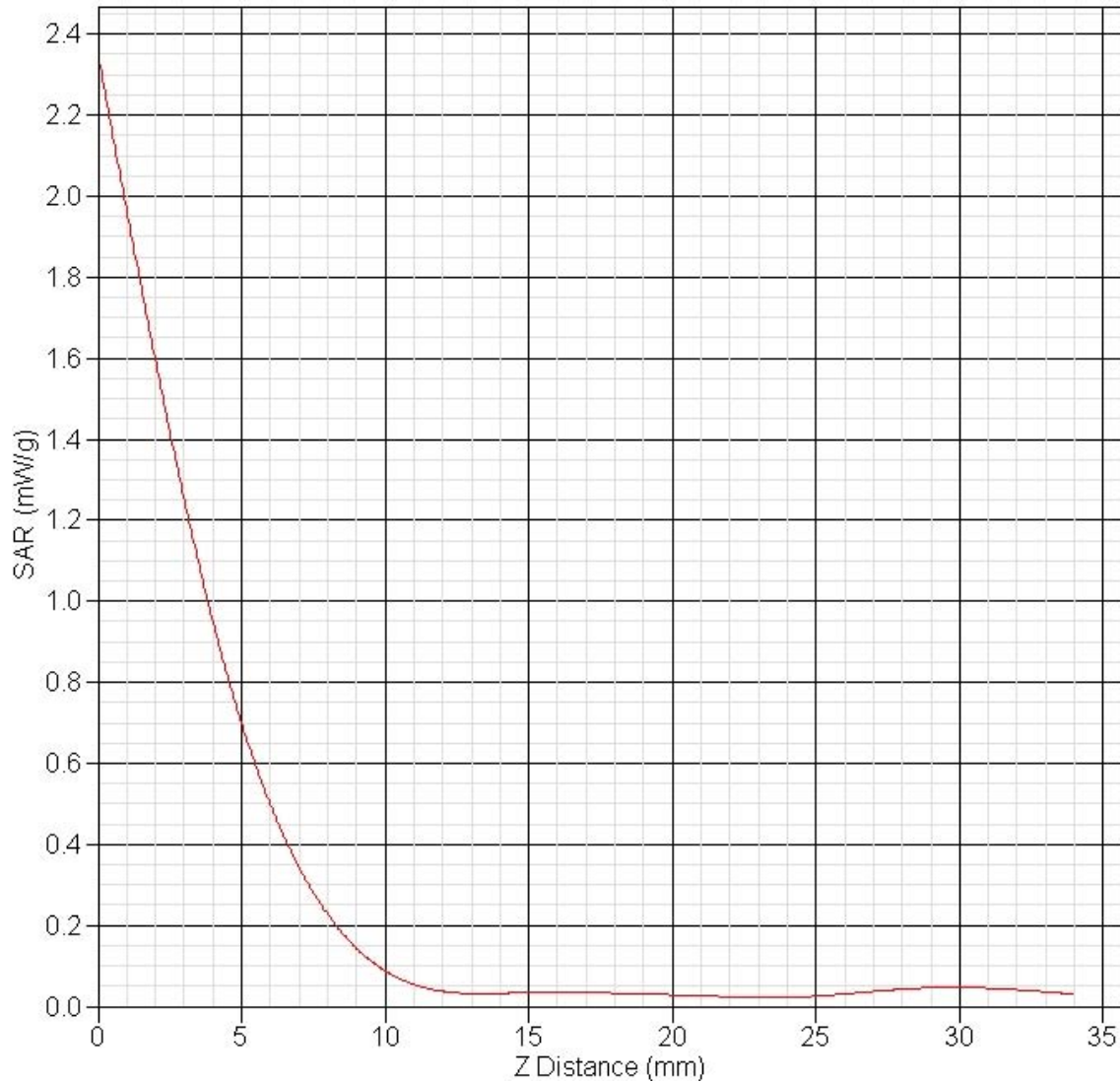
1 gram SAR value : 0.801 W/kg
 Zoom Scan Peak SAR : 2.351 W/kg

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	4
Device Holder Uncertainty	2.0	normal	1	1	1	2	2
Drift of Output Power	3.5	rectangular	•3	1	1	2	2
Phantom and Setup							
Phantom Uncertainty(shape & thickness tolerance)	3.4	rectangular	•3	1	1	2	2
Liquid Conductivity(target)	5.0	rectangular	•3	0.7	0.5	2	1.4
Liquid Conductivity(meas.)	1.4	normal	1	0.7	0.5	1.1	1
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	1.4	normal	1	0.6	0.5	1.4	1.3
Combined Uncertainty		RSS				10.0	8.9
Combined Uncertainty (coverage factor=2)		Normal (k=2)				20.0	18.9

SAR-Z Axis

at Hotspot x:0.28 y:5.88





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SAR Test Report

Report Date : 06-Jun-2008
 By Operator : 123
 Measurement Date : 06-Jun-2008
 Starting Time : 06-Jun-2008 12:48:17 AM
 End Time : 06-Jun-2008 01:51:22 PM
 Scanning Time : #### secs

Product Data
 Device Name : Dell Pacino Amphenol front
 Serial No. : ITLB-Dell-Pacino-Amp-5339
 Type : Other
 Model : APL
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 140 mm
 Width : 110 mm
 Depth : 25 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.031 W/kg
 Power Drift-Finish : 0.032 W/kg
 Power Drift (%) : 4.137
 Picture : C:\alsas\bitmap\Device-15.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. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 05-Jun-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 45.66 F/m
 Sigma : 6.12 S/m
 Density : 1000.00 kg/cu. m

Project number: ITLB-AMP-5339

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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: 3.2
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V/m})^2$
 Compression Point: 95.00 mV
 Offset : 0.56 mm

Measurement Data

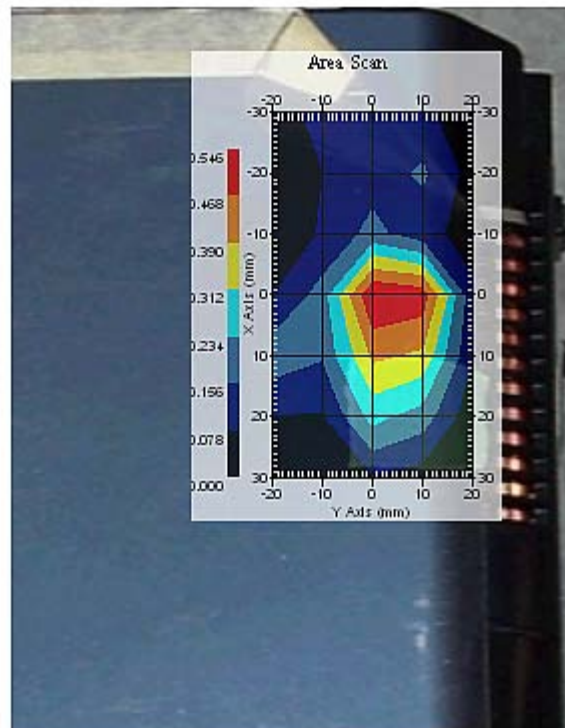
Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 21.00 °C
 Ambient Temp. : 22.00 °C
 Set-up Date : 06-Jun-2008
 Set-up Time : 11:33:26 AM
 Area Scan : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 9x9x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid

Project number: ITLB-AMP-5339



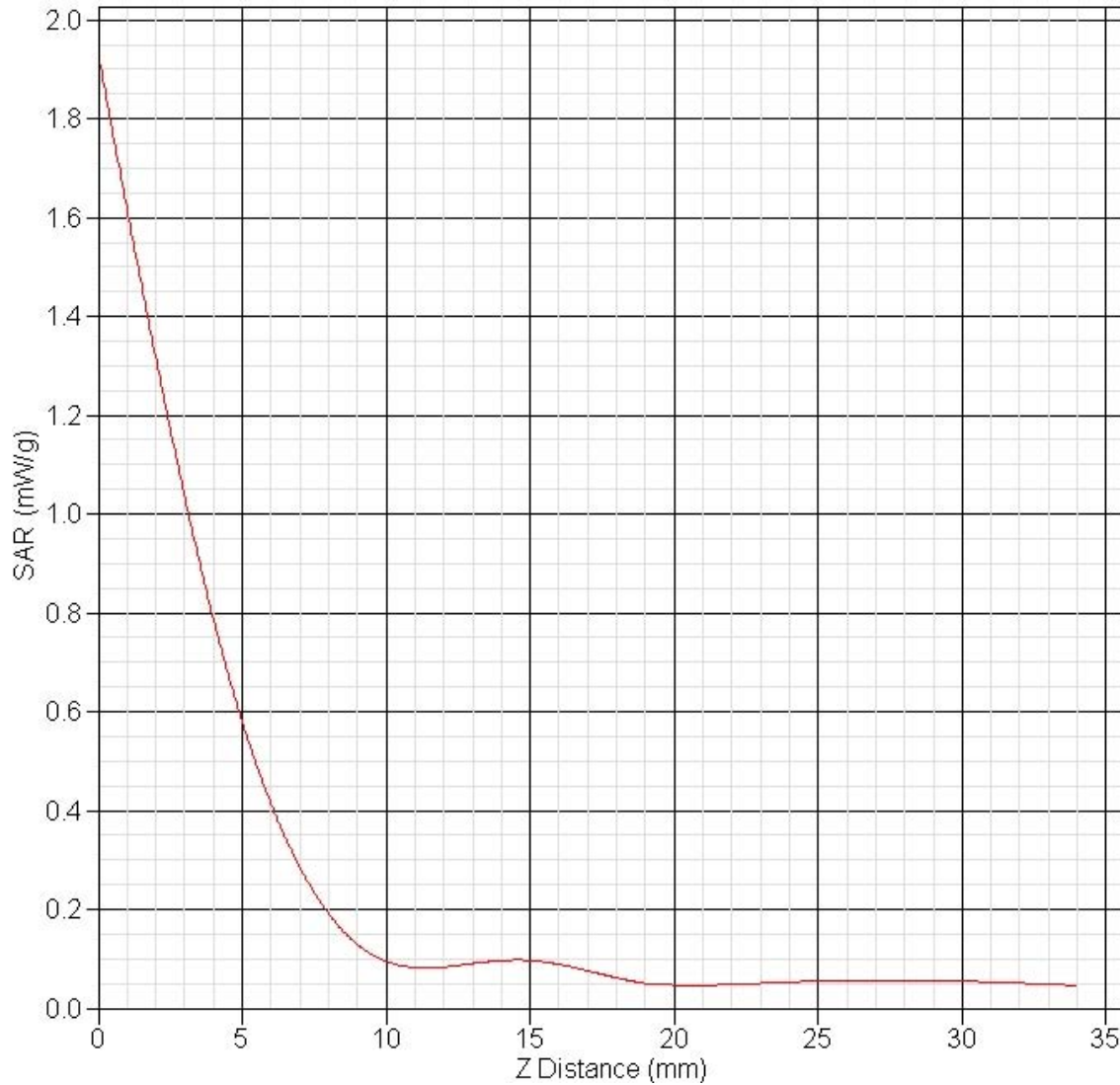


1 gram SAR value : 0.654 W/kg
 Zoom Scan Peak SAR : 1.931 W/kg

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	4.1	rectangular	•3	1	1	2.3	2.3
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.)	1.4	normal	1	0.7	0.5	0.9	0.7
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	1.4	normal	1	0.6	0.5	0.8	0.7
Combined Uncertainty		RSS				9.7	9.1
Combined Uncertainty (coverage factor=2)		Normal (k=2)				19.5	18.3

SAR-Z Axis at Hotspot x:4.01 y:3.87





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SAR Test Report

Report Date : 06-Jun-2008
 By Operator : 123
 Measurement Date : 06-Jun-2008
 Starting Time : 06-Jun-2008 02:31:28 PM
 End Time : 06-Jun-2008 03:40:33 PM
 Scanning Time : ##### secs

Product Data
 Device Name : Dell Pacino Amphenol front
 Serial No. : ITLB-Dell-Pacino-Amp-5339
 Type : Other
 Model : APL
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 140 mm
 Width : 110 mm
 Depth : 25 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.045 W/kg
 Power Drift-Finish : 0.044 W/kg
 Power Drift (%) : -1.709
 Picture : C:\alsas\bitmap\Device-15.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. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 05-Jun-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 45.66 F/m
 Sigma : 6.12 S/m
 Density : 1000.00 kg/cu. m

Project number: ITLB-AMP-5339

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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: 3.2
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 0.56 mm

Measurement Data

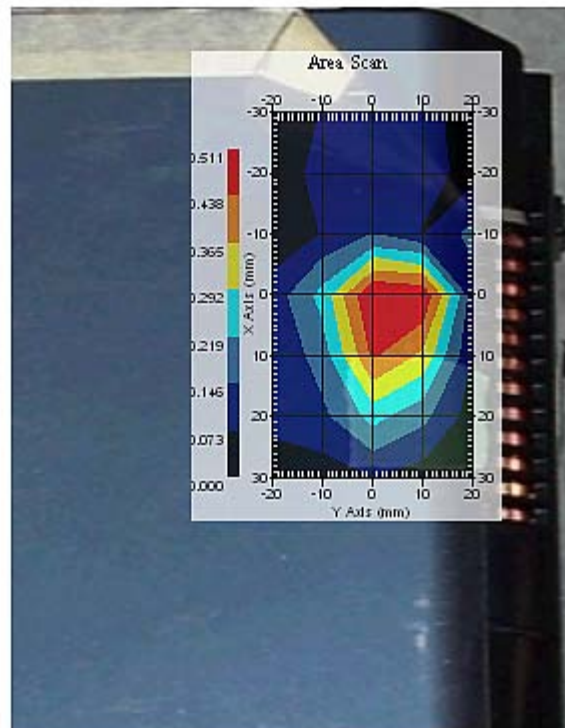
Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 21.00 °C
 Ambient Temp. : 22.00 °C
 Set-up Date : 06-Jun-2008
 Set-up Time : 1:15:11 PM
 Area Scan : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 9x9x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid

Project number: ITLB-AMP-5339





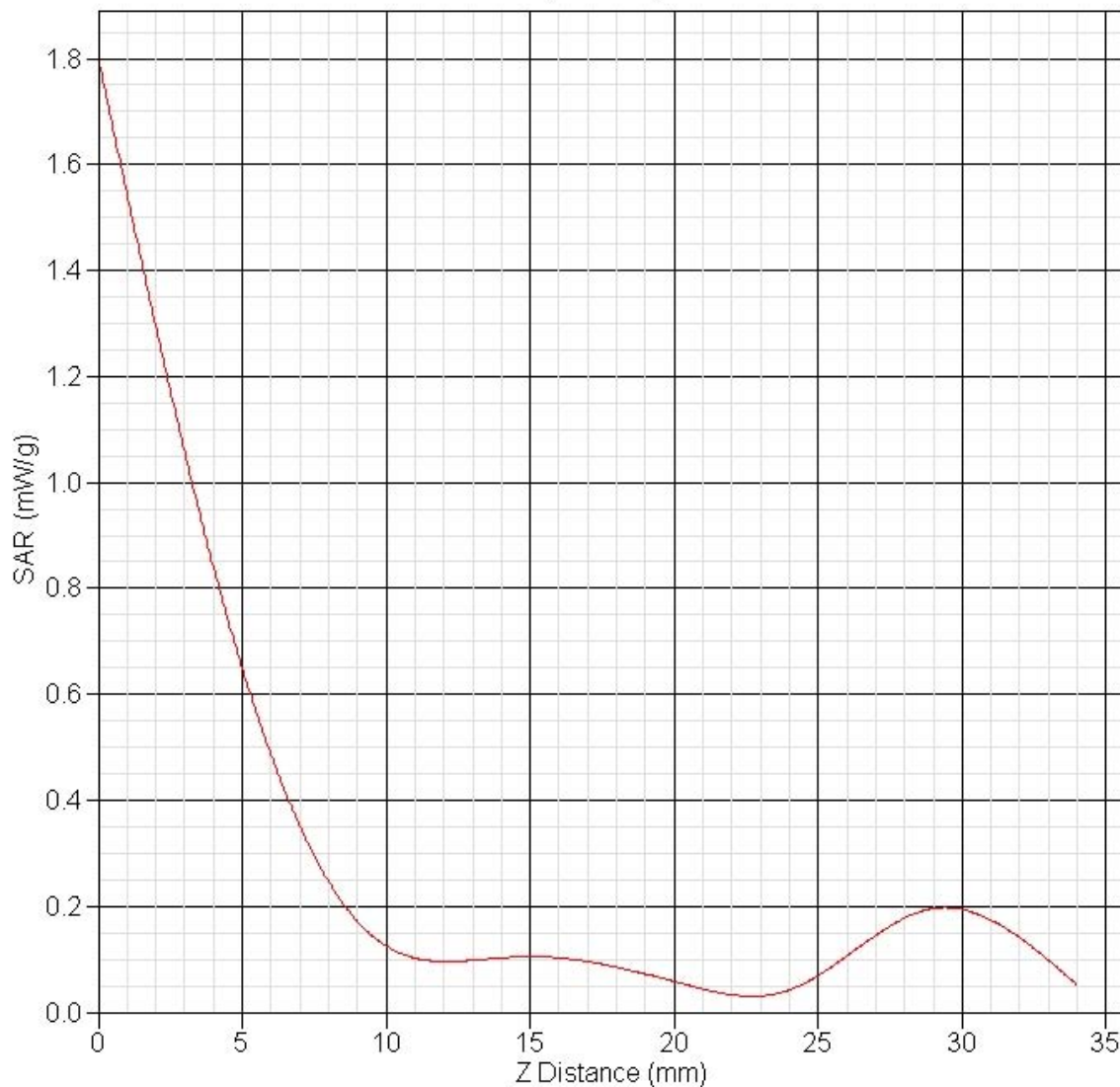
1 gram SAR value : 0.633 W/kg
Zoom Scan Peak SAR : 1.801 W/kg

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	4
Device Holder Uncertainty	2.0	normal	1	1	1	2	2
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	2
Liquid Conductivity(target)	5.0	rectangular	•3	0.7	0.5	2	1.4
Liquid Conductivity(meas.)	1.4	normal	1	0.7	0.5	0.9	0.7
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	1.4	normal	1	0.6	0.5	0.8	0.7
Combined Uncertainty		RSS				18.2	17.0
Combined Uncertainty (coverage factor=2)		Normal (k=2)				9.6	8.5

SAR-Z Axis

at Hotspot x:4.08 y:3.88



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SAR Test Report

Report Date : 06-Jun-2008
 By Operator : 123
 Measurement Date : 06-Jun-2008
 Starting Time : 06-Jun-2008 04:22:54 PM
 End Time : 06-Jun-2008 05:56:05 PM
 Scanning Time : ##### secs

Product Data
 Device Name : Dell Pacino Amphenol front
 Serial No. : ITLB-Dell-Pacino-Amp-5339
 Type : Other
 Model : APL
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 140 mm
 Width : 110 mm
 Depth : 25 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.030 W/kg
 Power Drift-Finish : 0.031 W/kg
 Power Drift (%) : 4.167
 Picture : C:\alsas\bitmap\Device-15.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. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 05-Jun-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 45.66 F/m
 Sigma : 6.12 S/m
 Density : 1000.00 kg/cu. m

Project number: ITLB-AMP-5339

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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: 3.2
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V/m})^2$
 Compression Point: 95.00 mV
 Offset : 0.56 mm

Measurement Data

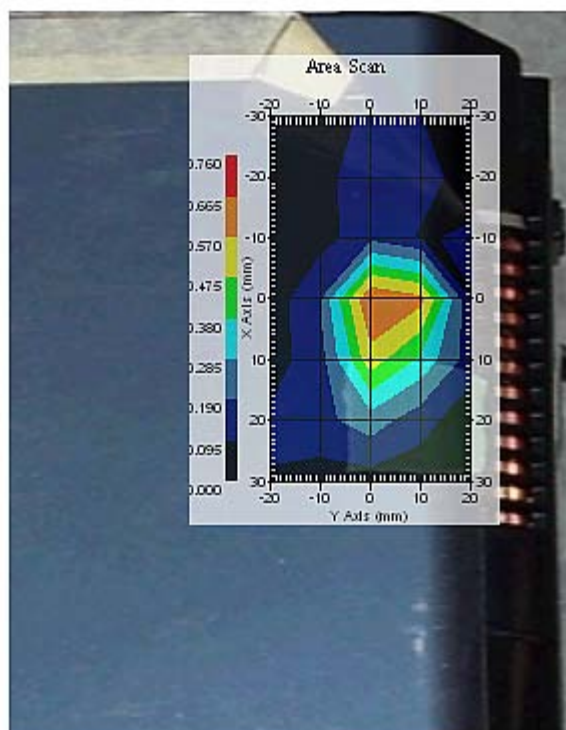
Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 21.00 °C
 Ambient Temp. : 22.00 °C
 Set-up Date : 06-Jun-2008
 Set-up Time : 2:19:29 PM
 Area Scan : 7x5x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 9x9x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid

Project number: ITLB-AMP-5339





1 gram SAR value : 0.767 W/kg
 Zoom Scan Peak SAR : 2.291 W/kg

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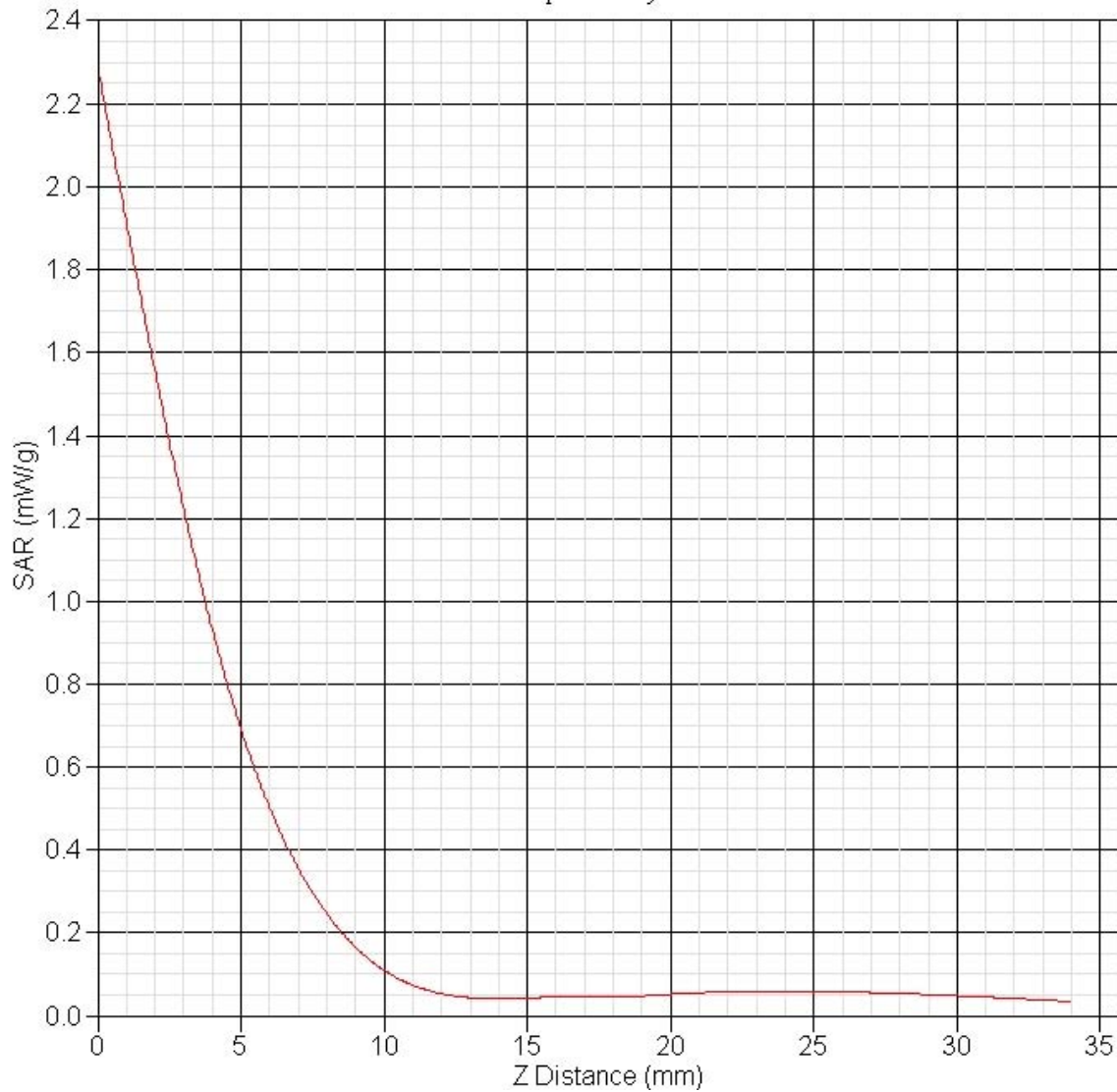
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Exposure Assessment Measurement Uncertainty

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	4
Device Holder Uncertainty	2.0	normal	1	1	1	2	2
Drift of Output Power	4.2	rectangular	•3	1	1	2.6	2.6
Phantom and Setup							
Phantom Uncertainty(shape & thickness tolerance)	3.4	rectangular	•3	1	1	2	2
Liquid Conductivity(target)	5.0	rectangular	•3	0.7	0.5	2	1.4
Liquid Conductivity(meas.)	1.4	normal	1	0.7	0.5	0.9	0.7
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	1.4	normal	1	0.6	0.5	0.8	0.7
Combined Uncertainty		RSS				9.9	9.3
Combined Uncertainty (coverage factor=2)		Normal (k=2)				19.8	18.6

SAR-Z Axis

at Hotspot x:4.06 y:3.87



Project number: ITLB-AMP-5339

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