

1 gram SAR value : 0.096 W/kg
Zoom Scan Peak SAR : 0.260 W/kg





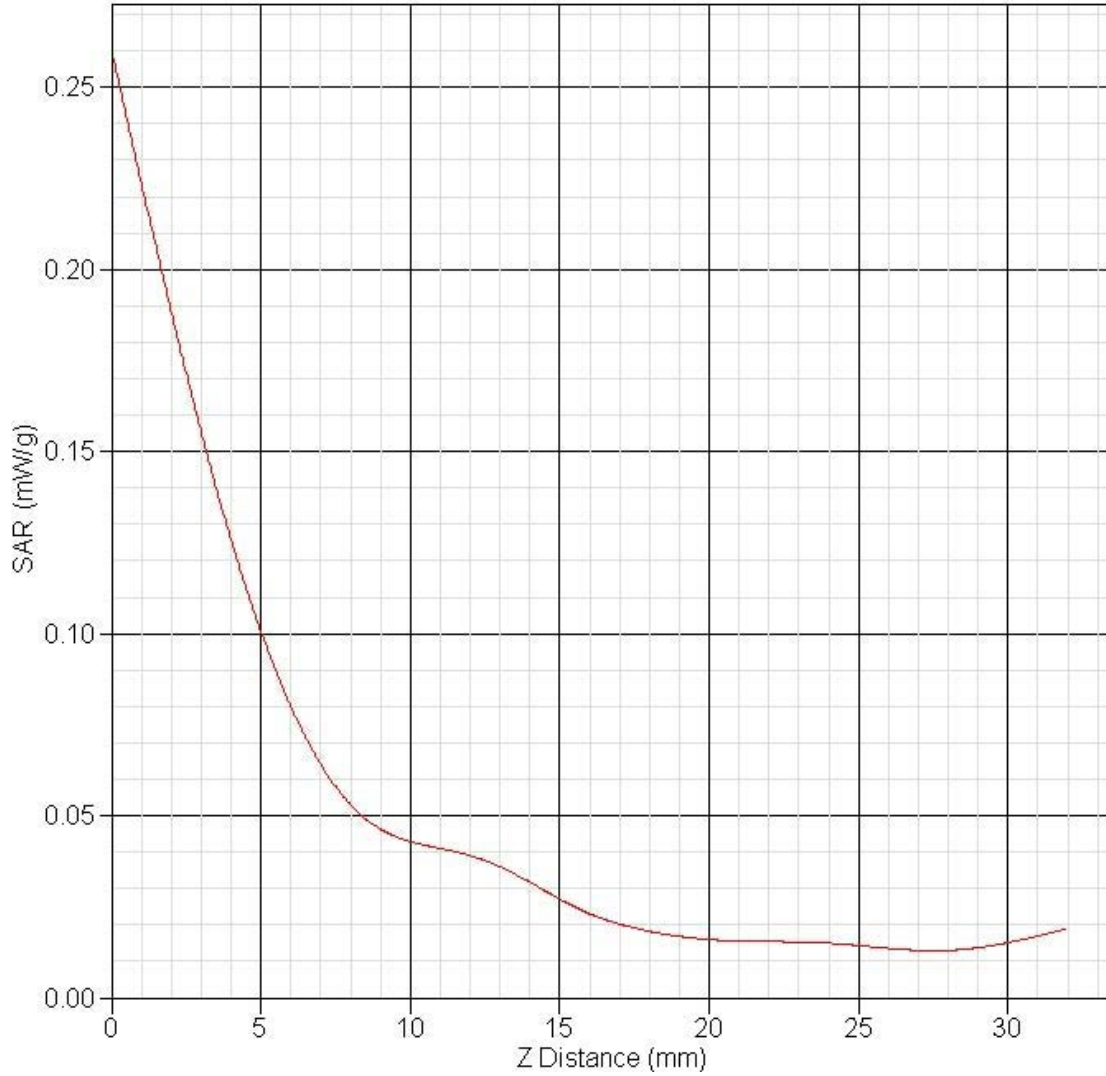
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Exposure Assessment Measurement Uncertainty

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	2.2	rectangular	•3	1	1	1.2	1.2
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.)	4.1	normal	1	0.7	0.5	2.9	2.1
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	3.0	normal	1	0.6	0.5	1.8	1.5
Combined Uncertainty		RSS				11.6	9.6
Combined Uncertainty (coverage factor=2)		Normal (k=2)				23.2	19.2



SAR-Z Axis at Hotspot x:-1.87 y:7.85



SAR Test Report

Report Date : 31-Oct-2008
 By Operator : 123
 Measurement Date : 31-Oct-2008
 Starting Time : 31-Oct-2008 12:57:53 PM
 End Time : 31-Oct-2008 01:10:00 PM
 Scanning Time : 727 secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 2450.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 95 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.014 W/kg
 Power Drift-Finish: 0.014 W/kg
 Power Drift (%) : 2.010
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 2450_B
 Frequency : 2450.00 MHz
 Last Calib. Date : 31-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 51.10 F/m
 Sigma : 2.03 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: 4.01
 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

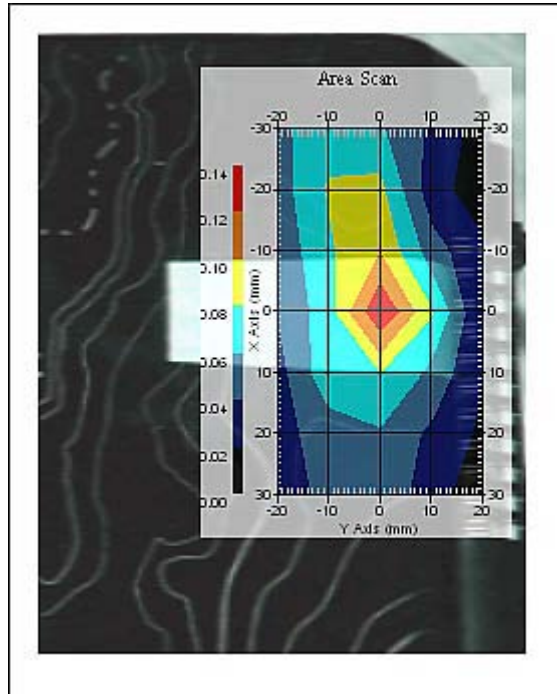
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 31-Oct-2008
 Set-up Time : 12:57:20 PM
 Area Scan : 7x5x1 : 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 : 0.082 W/kg
Zoom Scan Peak SAR : 0.140 W/kg





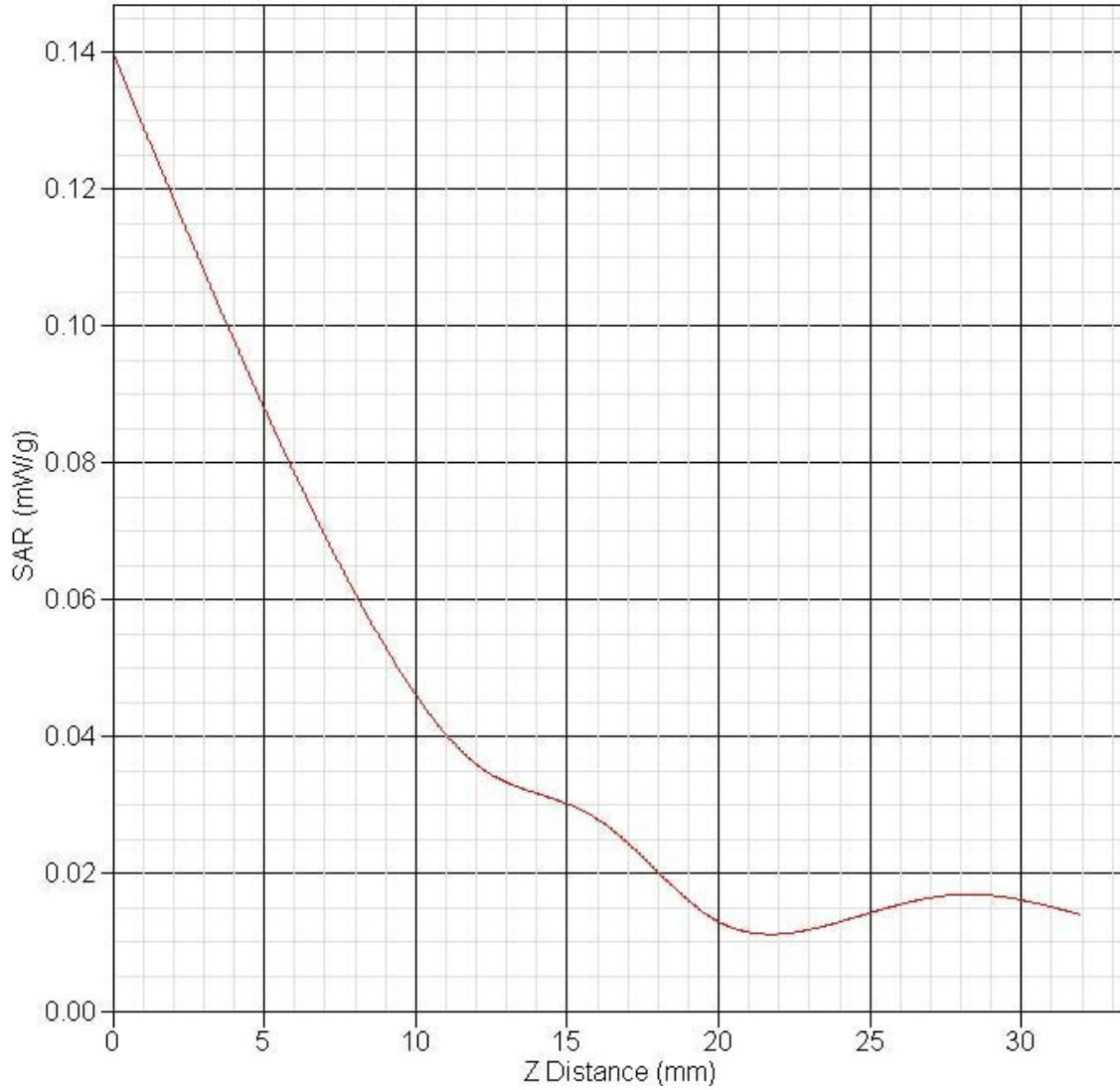
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Exposure Assessment Measurement Uncertainty

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	2.0	rectangular	•3	1	1	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.)	4.1	normal	1	0.7	0.5	2.9	2.1
Liquid Permittivity(target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity(meas.)	3.0	normal	1	0.6	0.5	1.8	1.5
Combined Uncertainty		RSS				11.5	9.5
Combined Uncertainty (coverage factor=2)		Normal (k=2)				23	19



SAR-Z Axis at Hotspot x:-15.63 y:-8.07



SAR Test Report

Report Date : 31-Oct-2008
 By Operator : 123
 Measurement Date : 31-Oct-2008
 Starting Time : 31-Oct-2008 01:14:02 PM
 End Time : 31-Oct-2008 01:26:05 PM
 Scanning Time : 723 secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 2450.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 95 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.021 W/kg
 Power Drift-Finish : 0.020 W/kg
 Power Drift (%) : -1.314
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 2450_B
 Frequency : 2450.00 MHz
 Last Calib. Date : 31-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 51.10 F/m
 Sigma : 2.03 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: 4.01
 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

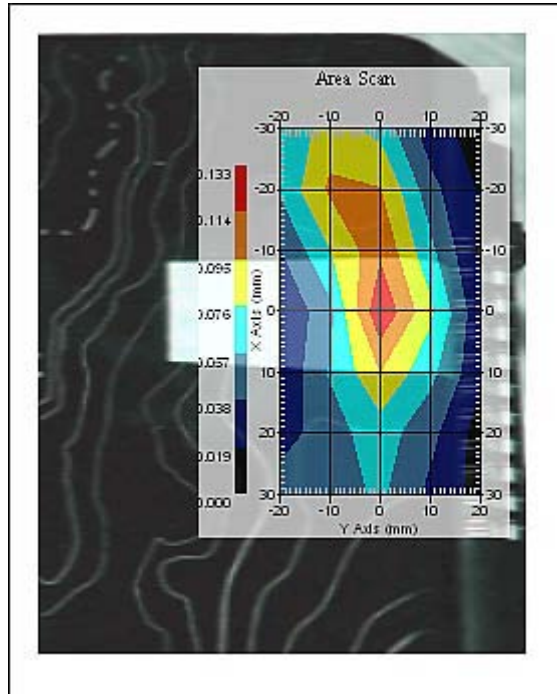
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 31-Oct-2008
 Set-up Time : 12:57:20 PM
 Area Scan : 7x5x1 : 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 : 0.110 W/kg
Zoom Scan Peak SAR : 0.250 W/kg





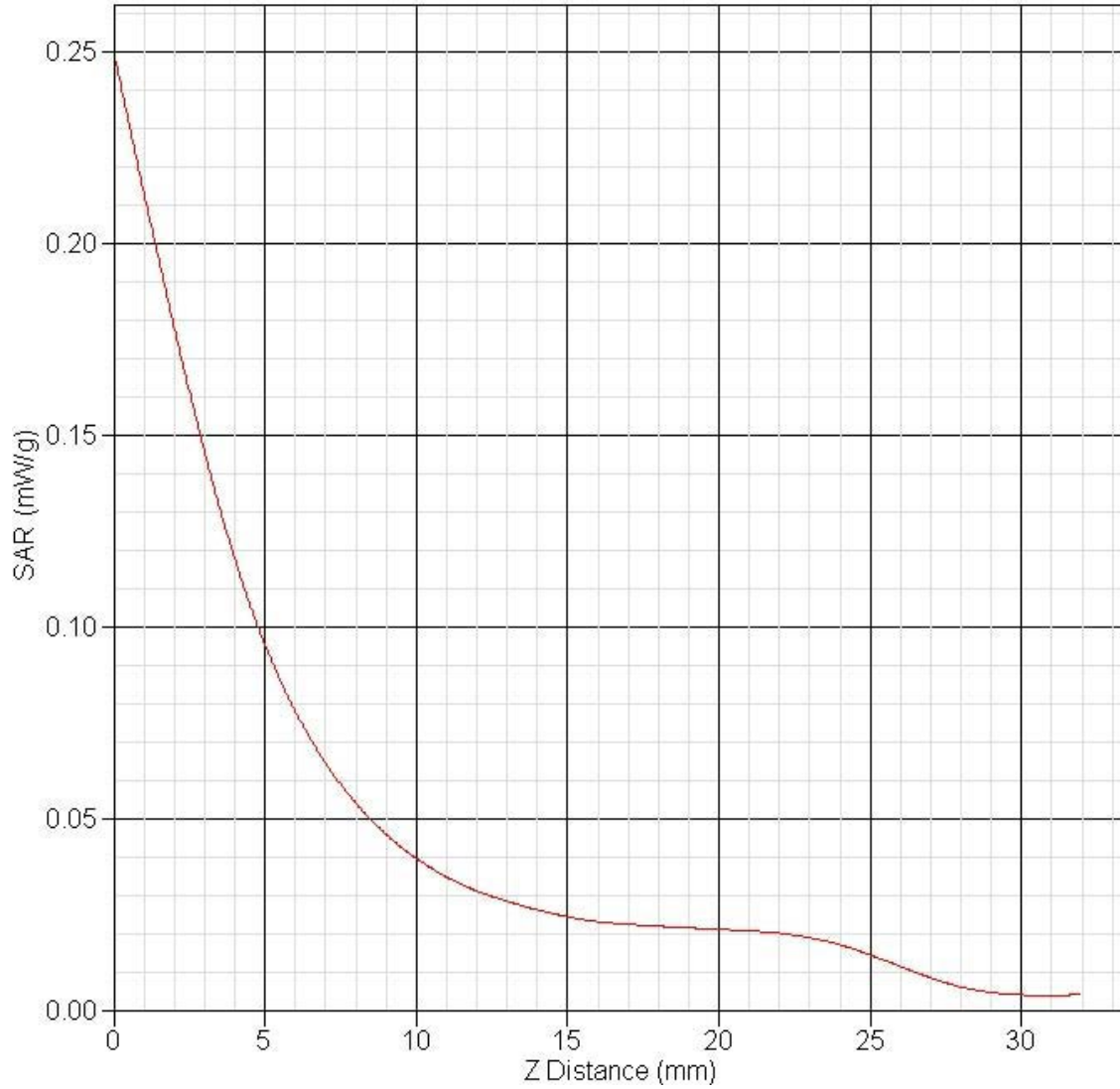
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Exposure Assessment Measurement Uncertainty

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	1.3	rectangular	•3	1	1	0.75	0.75
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.)	4.1	normal	1	0.7	0.5	2.9	2.1
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	3.0	normal	1	0.6	0.5	1.8	1.5
Combined Uncertainty		RSS				11.15	9.15
Combined Uncertainty (coverage factor=2)		Normal (k=2)				22.3	18.3



SAR-Z Axis at Hotspot x:0.37 y:-0.07



SAR Test Report

Report Date : 28-Oct-2008
 By Operator : 123
 Measurement Date : 28-Oct-2008
 Starting Time : 28-Oct-2008 09:15:50 AM
 End Time : 28-Oct-2008 10:31:56 AM
 Scanning Time : XXXX secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 5200.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 75 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.020 W/kg
 Power Drift-Finish : 0.021 W/kg
 Power Drift (%) : 2.353
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5200-B
 Frequency : 5200.00 MHz
 Last Calib. Date : 27-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 47.86 F/m
 Sigma : 5.14 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: 3.2
 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

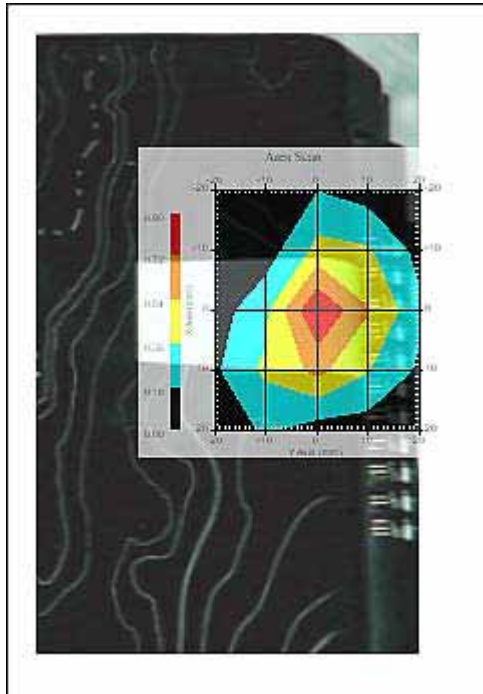
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 28-Oct-2008
 Set-up Time : 9:15:03 AM
 Area Scan : 5x5x1 : Measurement x=10mm, y=10mm, z=2mm
 Zoom Scan : 8x8x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : High





1 gram SAR value : 0.819 W/kg
 Zoom Scan Peak SAR : 2.071 W/kg





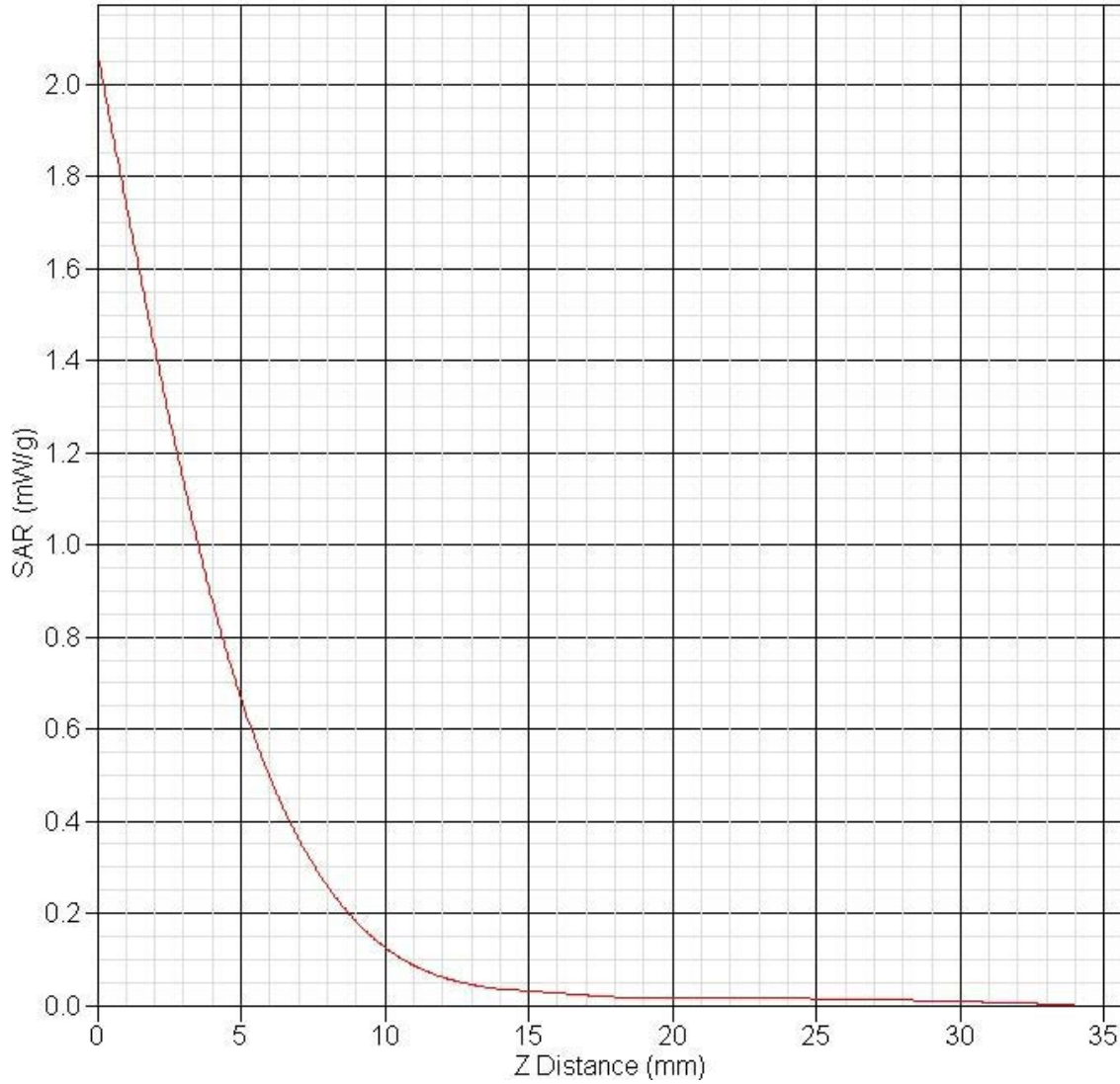
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Exposure Assessment Measurement Uncertainty

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	2.4	rectangular	•3	1	1	1.4	1.4
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.)	3.9	normal	1	0.7	0.5	2.7	2
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	2.1	normal	1	0.6	0.5	1.3	1.1
Combined Uncertainty		RSS				11.1	9.3
Combined Uncertainty (coverage factor=2)		Normal (k=2)				22.2	18.6



SAR-Z Axis at Hotspot x:0.17 y:4.85



SAR Test Report

Report Date : 28-Oct-2008
 By Operator : 123
 Measurement Date : 28-Oct-2008
 Starting Time : 28-Oct-2008 10:25:13 AM
 End Time : 28-Oct-2008 11:41:04 AM
 Scanning Time : XXXX secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 5200.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 75 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.016 W/kg
 Power Drift-Finish : 0.017 W/kg
 Power Drift (%) : 6.354
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5200-B
 Frequency : 5200.00 MHz
 Last Calib. Date : 27-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 47.86 F/m
 Sigma : 5.14 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: 3.2
 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

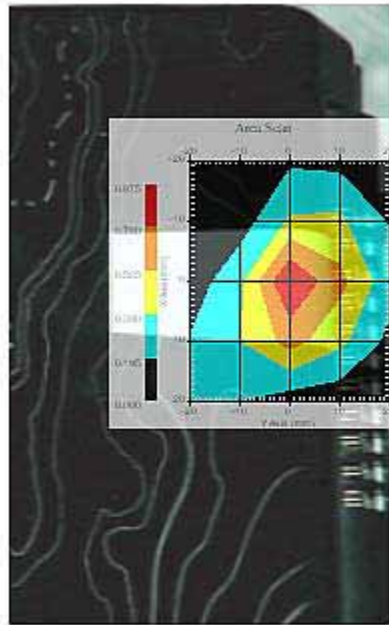
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 28-Oct-2008
 Set-up Time : 10:24:51 AM
 Area Scan : 5x5x1 : Measurement x=10mm, y=10mm, z=2mm
 Zoom Scan : 8x8x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid





1 gram SAR value : 0.886 W/kg
 Zoom Scan Peak SAR : 2.171 W/kg





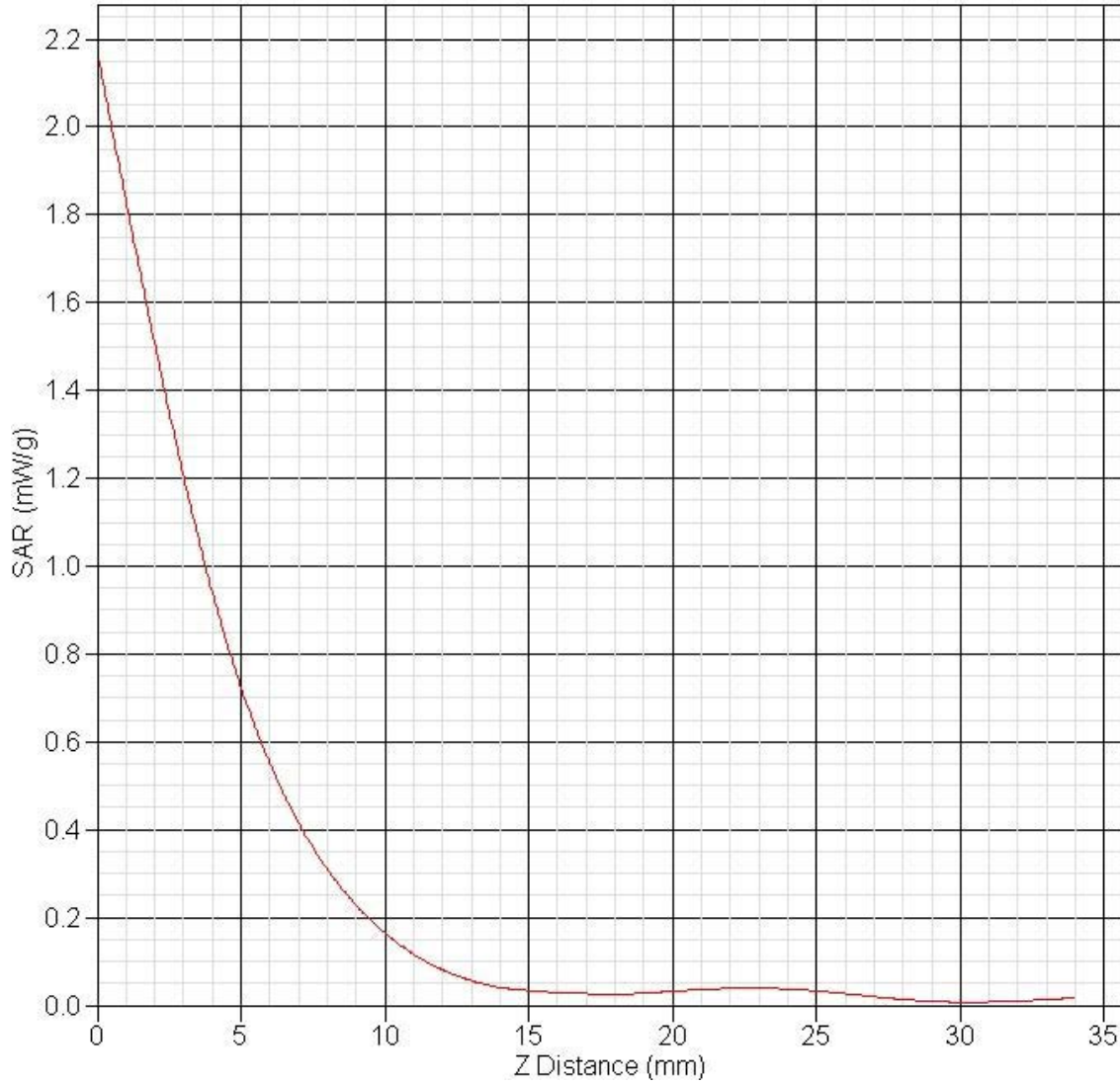
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Exposure Assessment Measurement Uncertainty

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	6.4	rectangular	•3	1	1	3.6	3.6
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.)	3.9	normal	1	0.7	0.5	2.7	2
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	2.1	normal	1	0.6	0.5	1.3	1.1
Combined Uncertainty		RSS				13.3	11.5
Combined Uncertainty (coverage factor=2)		Normal (k=2)				26.6	23



SAR-Z Axis at Hotspot x:0.18 y:4.90



SAR Test Report

Report Date : 28-Oct-2008
 By Operator : 123
 Measurement Date : 28-Oct-2008
 Starting Time : 28-Oct-2008 12:43:53 AM
 End Time : 29-Oct-2008 01:59:48 PM
 Scanning Time : XXXX secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 5600.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 75 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.039 W/kg
 Power Drift-Finish : 0.038 W/kg
 Power Drift (%) : -4.461
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 27-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 46.74 F/m
 Sigma : 5.96 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 : 5600.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.9
 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

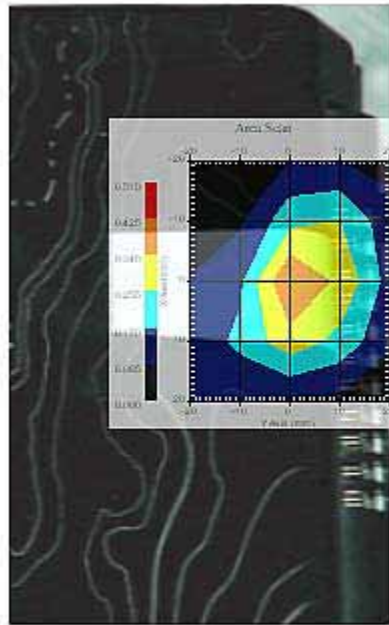
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 28-Oct-2008
 Set-up Time : 10:43:20 AM
 Area Scan : 5x5x1 : Measurement x=10mm, y=10mm, z=2mm
 Zoom Scan : 8x8x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Low





1 gram SAR value : 0.407 W/kg
 Zoom Scan Peak SAR : 1.160 W/kg





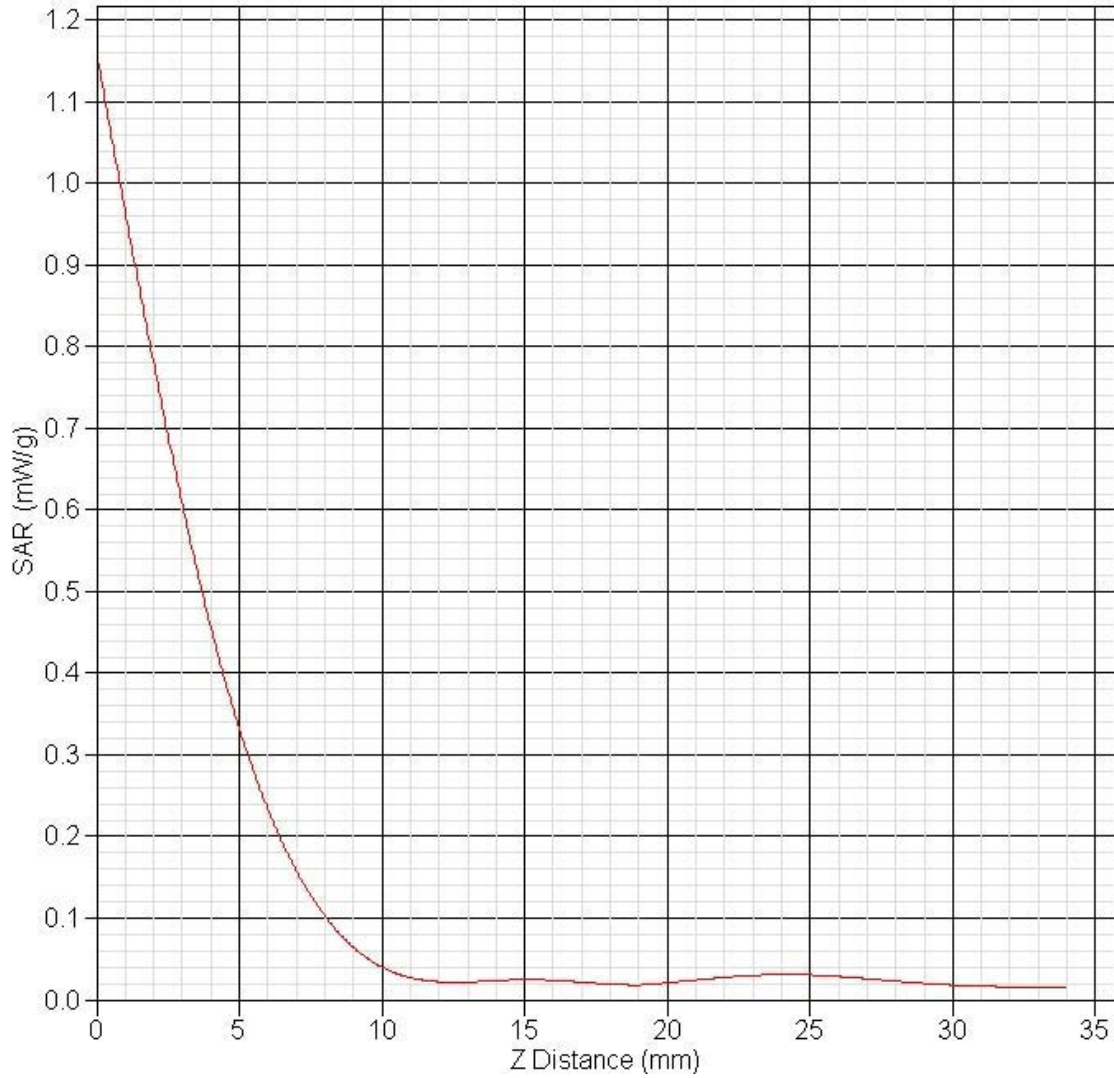
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Exposure Assessment Measurement Uncertainty

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	4.5	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	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	0.9	0.7
Combined Uncertainty		RSS				10.3	9.1
Combined Uncertainty (coverage factor=2)		Normal (k=2)				20.6	18.2



SAR-Z Axis at Hotspot x:0.17 y:-0.15



SAR Test Report

Report Date : 28-Oct-2008
 By Operator : 123
 Measurement Date : 28-Oct-2008
 Starting Time : 28-Oct-2008 03:05:16 PM
 End Time : 28-Oct-2008 04:21:14 PM
 Scanning Time : XXXX secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 5600.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 75 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.009 W/kg
 Power Drift-Finish: 0.010 W/kg
 Power Drift (%) : 8.120
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5600BB
 Frequency : 5600.00 MHz
 Last Calib. Date : 27-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 40.00 RH%
 Epsilon : 46.74 F/m
 Sigma : 5.96 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 : 5600.00 MHz
 Duty Cycle Factor: 1
 Conversion Factor: 3.9
 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

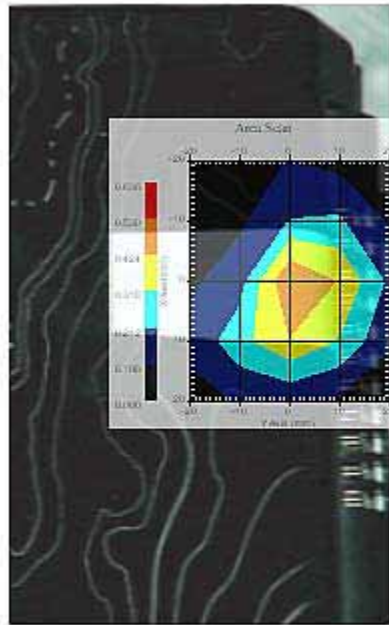
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 28-Oct-2008
 Set-up Time : 3:04:38 PM
 Area Scan : 5x5x1 : Measurement x=10mm, y=10mm, z=2mm
 Zoom Scan : 8x8x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Low





1 gram SAR value : 0.537 W/kg
 Zoom Scan Peak SAR : 1.401 W/kg





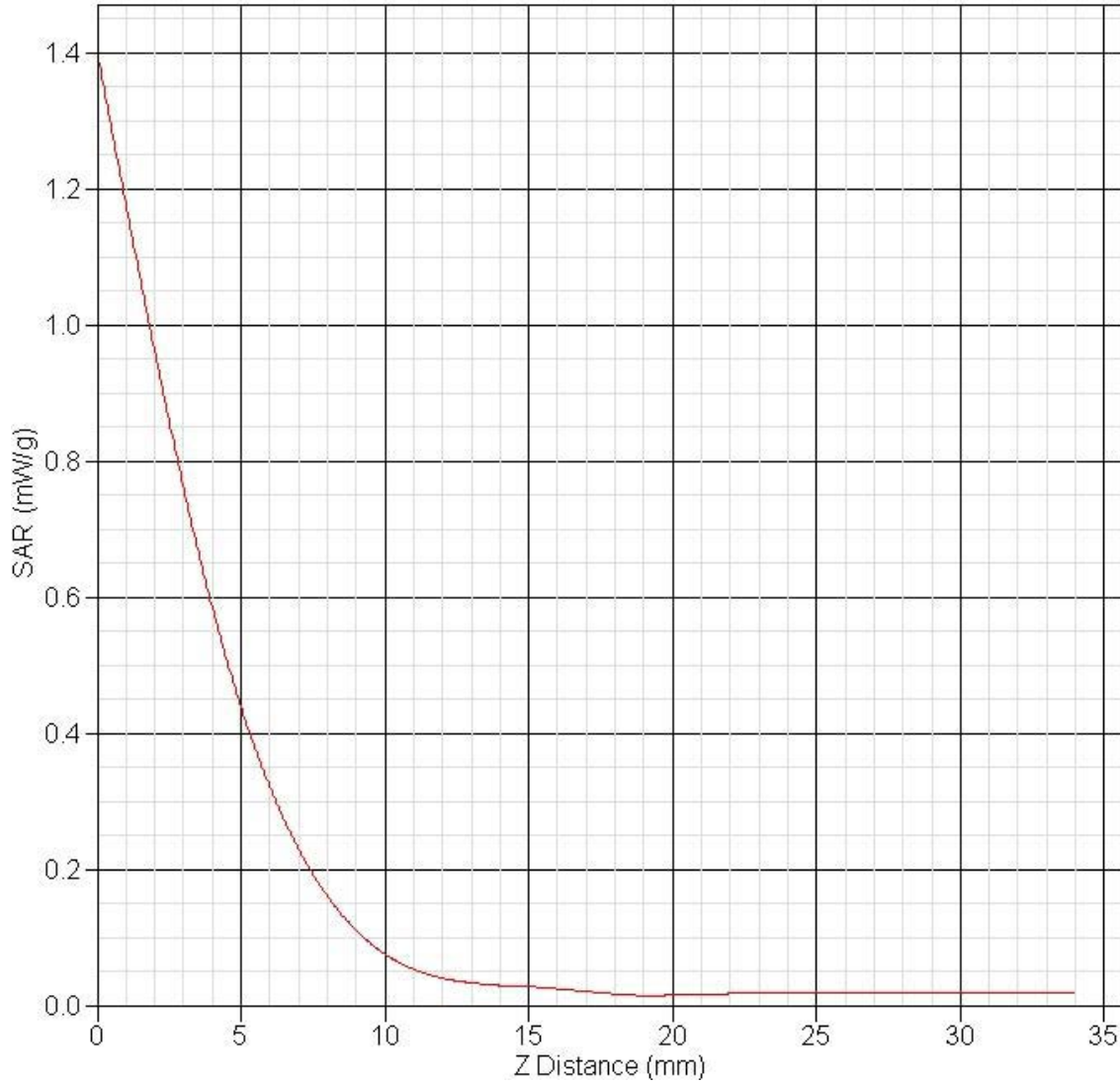
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Exposure Assessment Measurement Uncertainty

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	8.1	rectangular	•3	1	1	4.7	4.7
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	0.9	0.7
Combined Uncertainty		RSS				12.4	11.2
Combined Uncertainty (coverage factor=2)		Normal (k=2)				24.8	22.4



SAR-Z Axis at Hotspot x:0.15 y:4.84



SAR Test Report

Report Date : 28-Oct-2008
 By Operator : 123
 Measurement Date : 28-Oct-2008
 Starting Time : 28-Oct-2008 12:56:55 PM
 End Time : 28-Oct-2008 02:12:48 PM
 Scanning Time : XXXX secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 75 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.070 W/kg
 Power Drift-Finish : 0.065 W/kg
 Power Drift (%) : -6.502
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5800-B
 Frequency : 5800.00 MHz
 Last Calib. Date : 27-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 50.00 RH%
 Epsilon : 46.11 F/m
 Sigma : 6.25 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: 3.9
 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

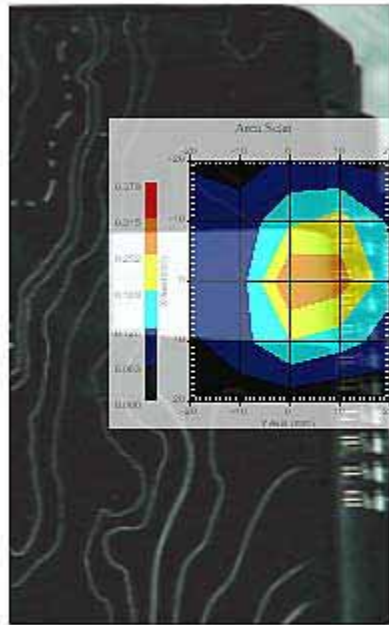
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 28-Oct-2008
 Set-up Time : 12:56:27 PM
 Area Scan : 5x5x1 : Measurement x=10mm, y=10mm, z=2mm
 Zoom Scan : 8x8x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid





1 gram SAR value : 0.345 W/kg
 Zoom Scan Peak SAR : 0.920 W/kg





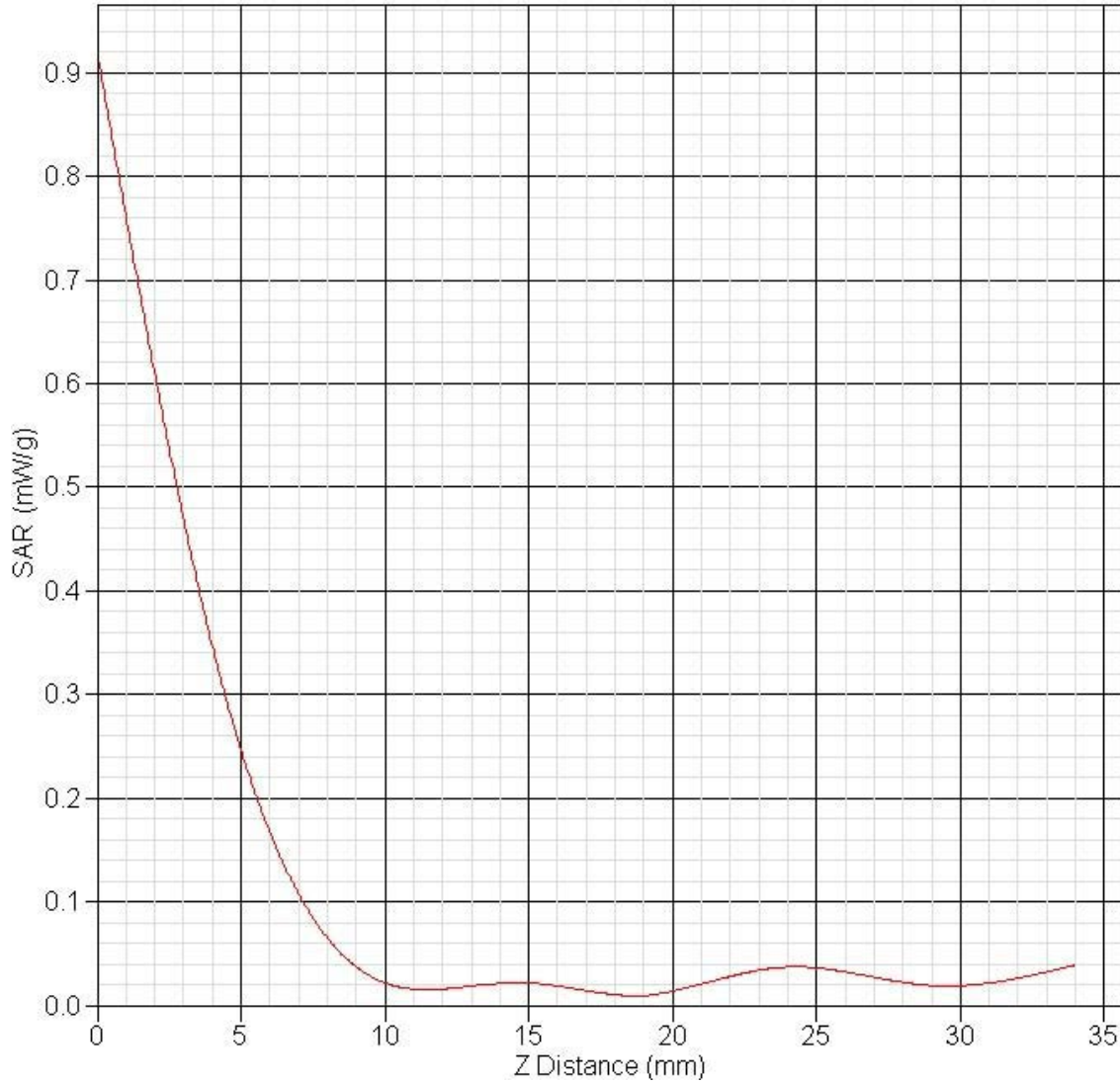
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Exposure Assessment Measurement Uncertainty

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	6.5	rectangular	•3	1	1	3.7	3.7
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.)	4.2	normal	1	0.7	0.5	2.9	2.1
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	4.3	normal	1	0.6	0.5	2.6	2.2
Combined Uncertainty		RSS				14.9	12.8
Combined Uncertainty (coverage factor=2)		Normal (k=2)				29.8	25.6



SAR-Z Axis at Hotspot x:0.13 y:4.82



SAR Test Report

Report Date : 28-Oct-2008
 By Operator : 123
 Measurement Date : 28-Oct-2008
 Starting Time : 28-Oct-2008 04:04:02 PM
 End Time : 28-Oct-2008 05:20:00 PM
 Scanning Time : XXXX secs

Product Data
 Device Name : Hank-Acon-5371-front
 Serial No. : 5371
 Type : Other
 Model : HAN-E2-C1
 Frequency : 5800.00 MHz
 Max. Transmit Pwr : 1 W
 Drift Time : 0 min(s)
 Length : 120 mm
 Width : 75 mm
 Depth : 12 mm
 Antenna Type : Internal
 Orientation : Touch
 Power Drift-Start : 0.049 W/kg
 Power Drift-Finish : 0.048 W/kg
 Power Drift (%) : -3.275
 Picture : C:\alsas\bitmap\Hank-5371-front.bmp

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

Tissue Data
 Type : BODY
 Serial No. : 5800-B
 Frequency : 5800.00 MHz
 Last Calib. Date : 27-Oct-2008
 Temperature : 20.00 °C
 Ambient Temp. : 20.00 °C
 Humidity : 50.00 RH%
 Epsilon : 46.11 F/m
 Sigma : 6.25 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: 3.9
 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

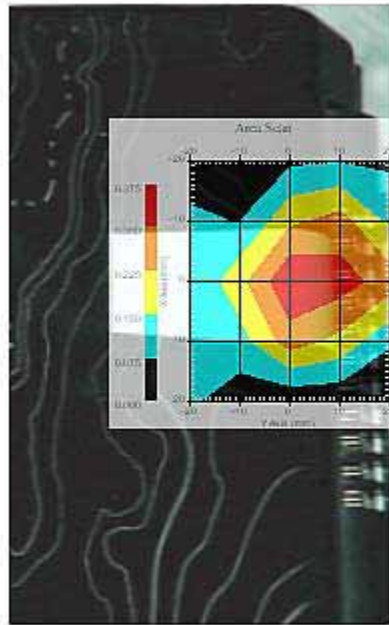
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Tissue Temp. : 20.00 °C
 Ambient Temp. : 20.00 °C
 Set-up Date : 28-Oct-2008
 Set-up Time : 2:03:40 PM
 Area Scan : 5x5x1 : Measurement x=10mm, y=10mm, z=2mm
 Zoom Scan : 8x8x17 : Measurement x=4mm, y=4mm, z=2mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid





1 gram SAR value : 0.419 W/kg
 Zoom Scan Peak SAR : 1.080 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	2
Liquid Conductivity (target)	5.0	rectangular	•3	0.7	0.5	2	1.4
Liquid Conductivity (meas.)	4.2	normal	1	0.7	0.5	2.9	2.1
Liquid Permittivity (target)	5.0	rectangular	•3	0.6	0.5	1.7	1.4
Liquid Permittivity (meas.)	4.3	normal	1	0.6	0.5	2.6	2.2
Combined Uncertainty		RSS				13.1	11
Combined Uncertainty (coverage factor=2)		Normal (k=2)				26.2	22



SAR-Z Axis at Hotspot x:0.12 y:-0.13

