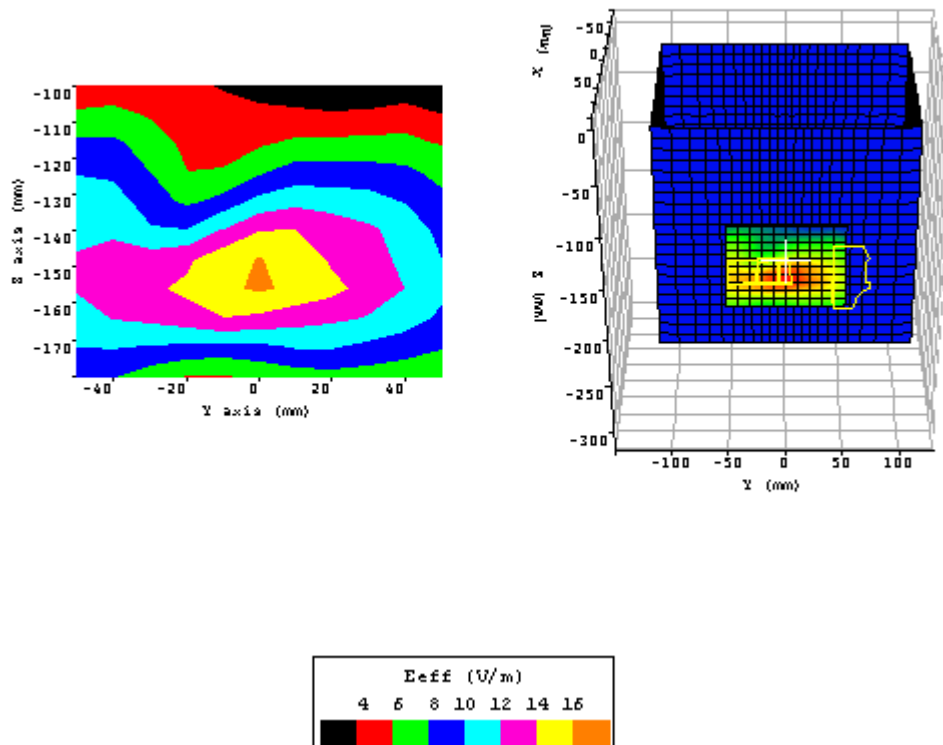
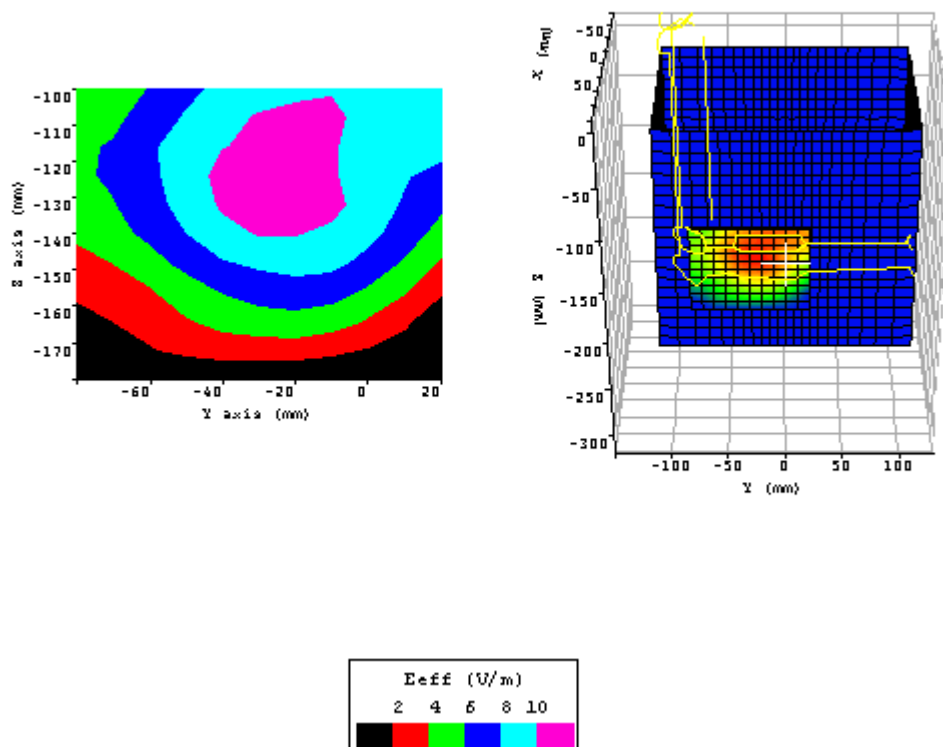


1902G 850 MHz band:

Plot 1.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.466	
Simulated tissue dielectric parameters:	ϵ_r : 55.5	σ : 0.985
Test Position:	bystander 1 cm	
Channel / Frequency	192 / 836.6 MHz	
Maximum 1 gram SAR:	0.315W/Kg	
Maximum 10 gram SAR:	0.215W/Kg	
Power reference start:	0.170W/Kg	
Power reference end	0.170W/Kg	
Power reference change ²	0.00%	

¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

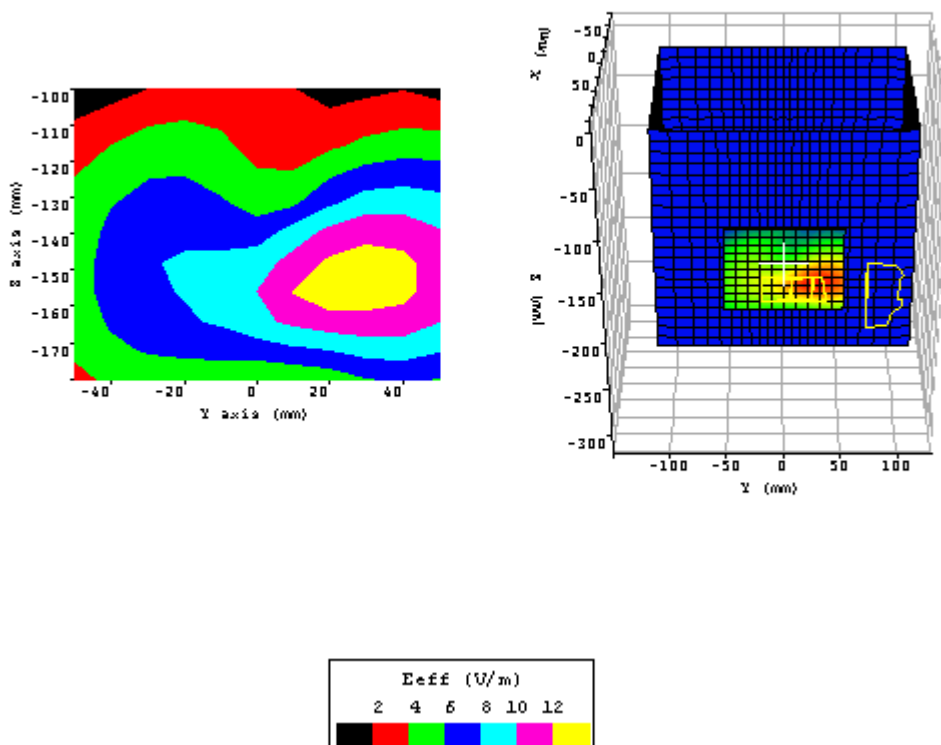
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 2.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.466	
Simulated tissue dielectric parameters:	ϵ_r : 55.5	σ : 0.985
Test Position:	lap	
Channel / Frequency	192 / 836.6 MHz	
Maximum 1 gram SAR:	0.140W/Kg	
Maximum 10 gram SAR:	0.103W/Kg	
Power reference start:	0.075W/Kg	
Power reference end	0.077W/Kg	
Power reference change ²	3.31%	

¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

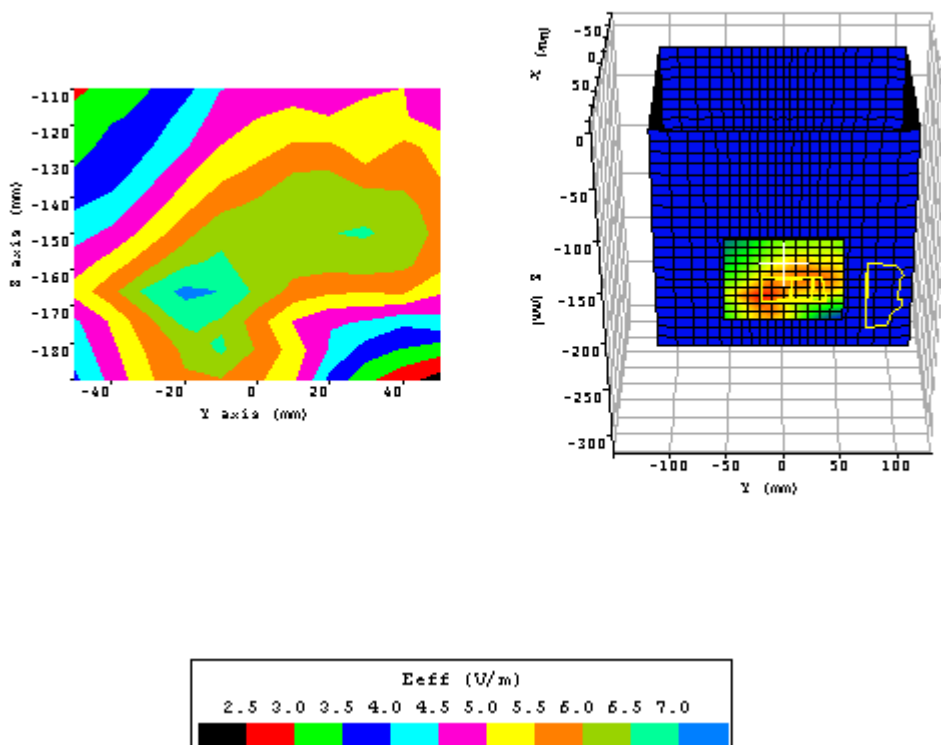
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 3.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.466	
Simulated tissue dielectric parameters:	ϵ_r : 56.12	σ : 0.971
Test Position:	lap	
Channel / Frequency	128 / 824.2 MHz	
Maximum 1 gram SAR:	0.222W/Kg	
Maximum 10 gram SAR:	0.182W/Kg	
Power reference start:	0.105W/Kg	
Power reference end	0.101W/Kg	
Power reference change ²	-3.31%	

¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

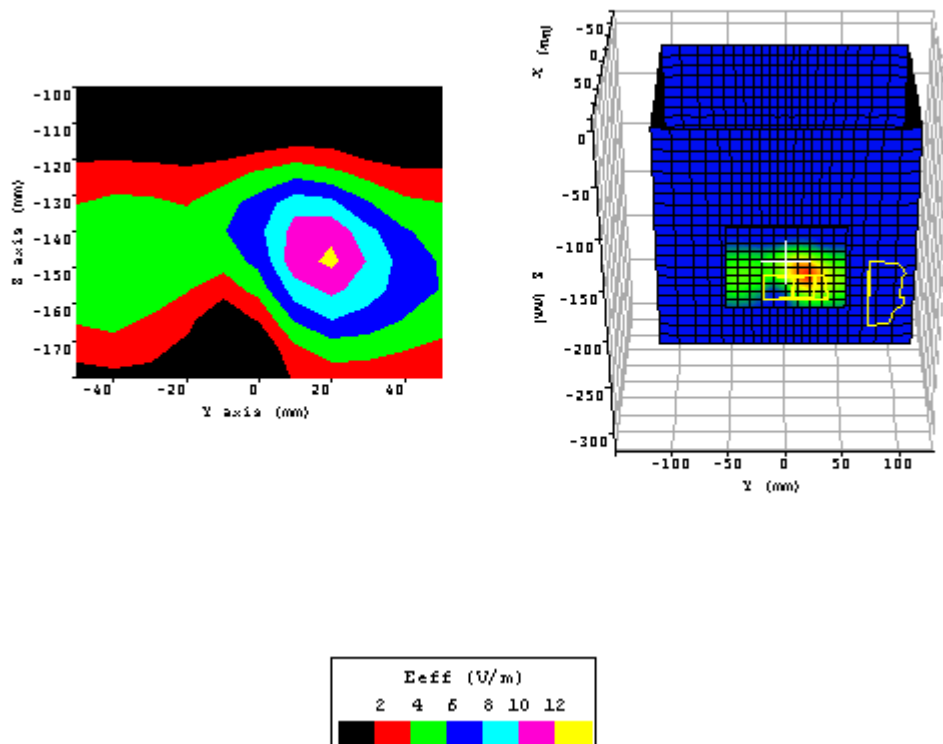


Plot 4.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.466	
Simulated tissue dielectric parameters:	ϵ_r : 55.38	σ : 0.979
Test Position:	lap	
Channel / Frequency	251 / 848.8 MHz	
Maximum 1 gram SAR:	0.204W/Kg	
Maximum 10 gram SAR:	0.071W/Kg	
Power reference start:	0.028W/Kg	
Power reference end	0.029W/Kg	
Power reference change ²	1.91%	

¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

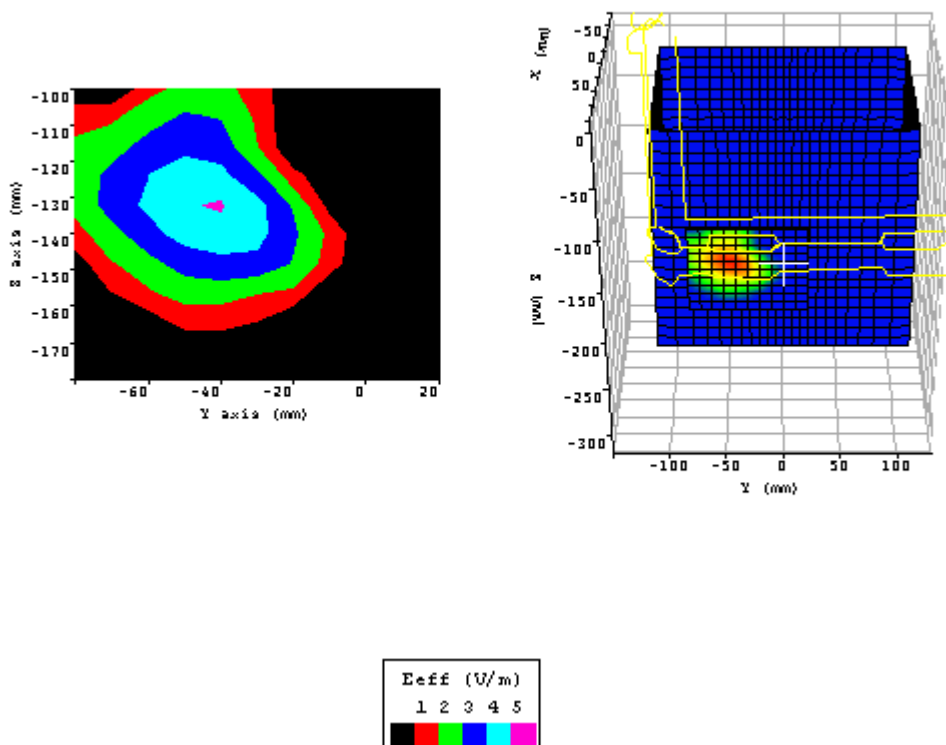
1902G 1900 MHz band:



Plot 5.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.610	
Simulated tissue dielectric parameters:	ϵ_r : 53.25	σ : 1.580
Test Position:	bystander 1 cm	
Channel / Frequency	661 / 1880 MHz	
Maximum 1 gram SAR:	0.295W/Kg	
Maximum 10 gram SAR:	0.150W/Kg	
Power reference start:	0.079W/Kg	
Power reference end	0.079W/Kg	
Power reference change ²	-0.00%	

¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

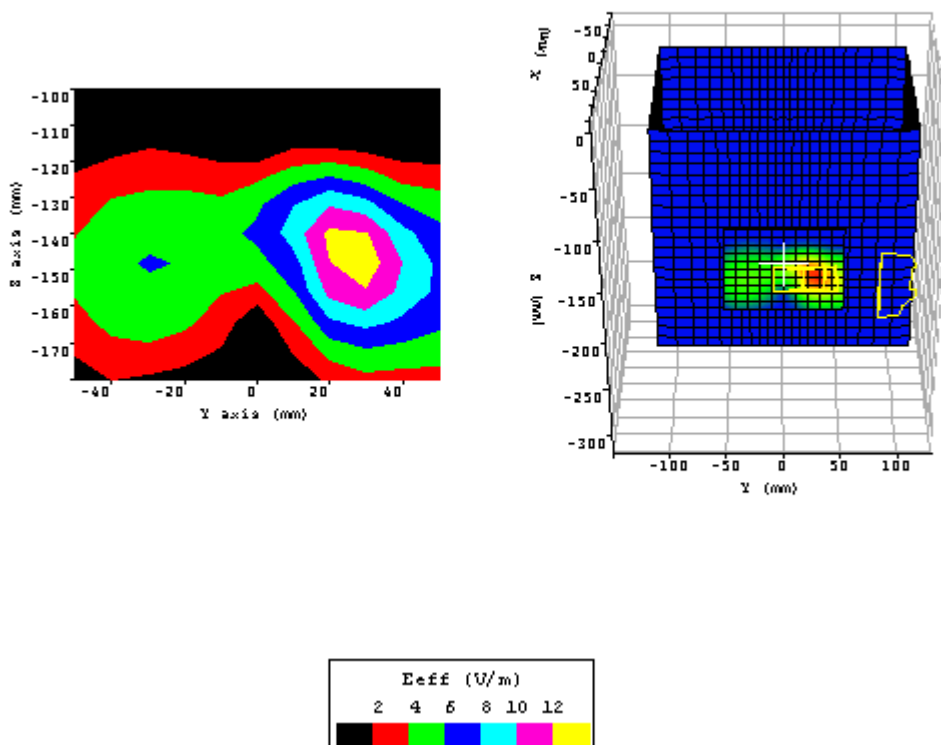
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 6.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.610	
Simulated tissue dielectric parameters:	ϵ_r : 53.25	σ : 1.580
Test Position:	lap	
Channel / Frequency	661 / 1880 MHz	
Maximum 1 gram SAR:	0.054W/Kg	
Maximum 10 gram SAR:	0.028W/Kg	
Power reference start:	0.010W/Kg	
Power reference end	0.010W/Kg	
Power reference change ²	-0.00%	

¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

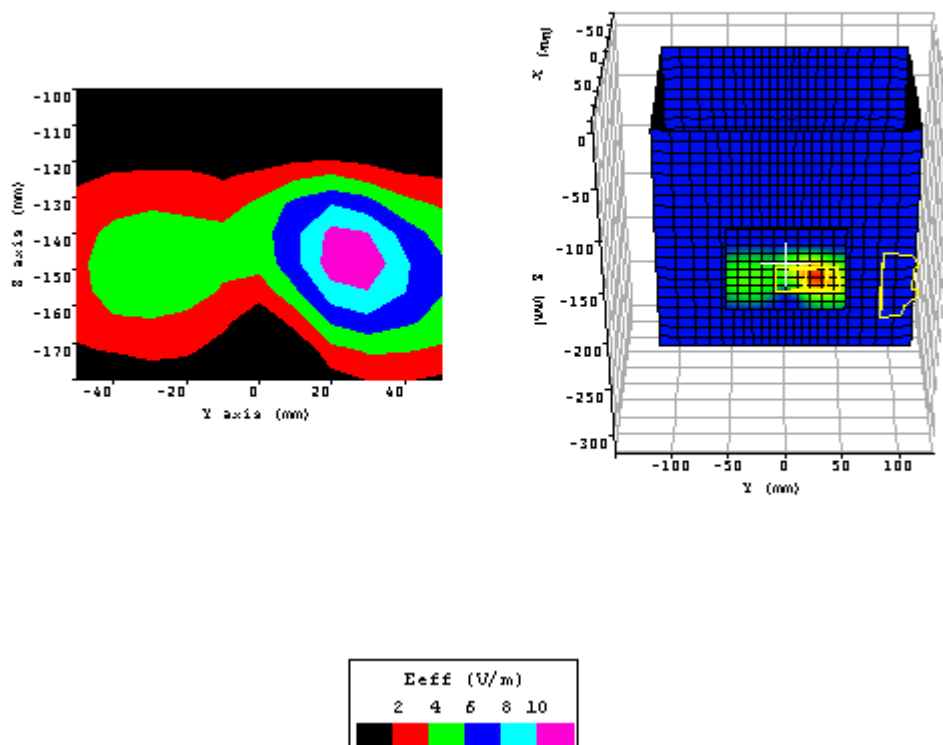
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 7.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.610	
Simulated tissue dielectric parameters:	ϵ_r : 53.38	σ : 1.566
Test Position:	bystander 1 cm	
Channel / Frequency	512 / 1850.2 MHz	
Maximum 1 gram SAR:	0.348W/Kg	
Maximum 10 gram SAR:	0.176W/Kg	
Power reference start:	0.099W/Kg	
Power reference end	0.100W/Kg	
Power reference change ²	1.63%	

¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 8.		
Date:	04/03/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP ¹	X=9, Y=13.6, Z=8.7	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.610	
Simulated tissue dielectric parameters:	ϵ_r : 53.02	σ : 1.586
Test Position:	bystander 1 cm	
Channel / Frequency	810 / 1909.8 MHz	
Maximum 1 gram SAR:	0.263W/Kg	
Maximum 10 gram SAR:	0.132W/Kg	
Power reference start:	0.073W/Kg	
Power reference end	0.074W/Kg	
Power reference change ²	1.85%	

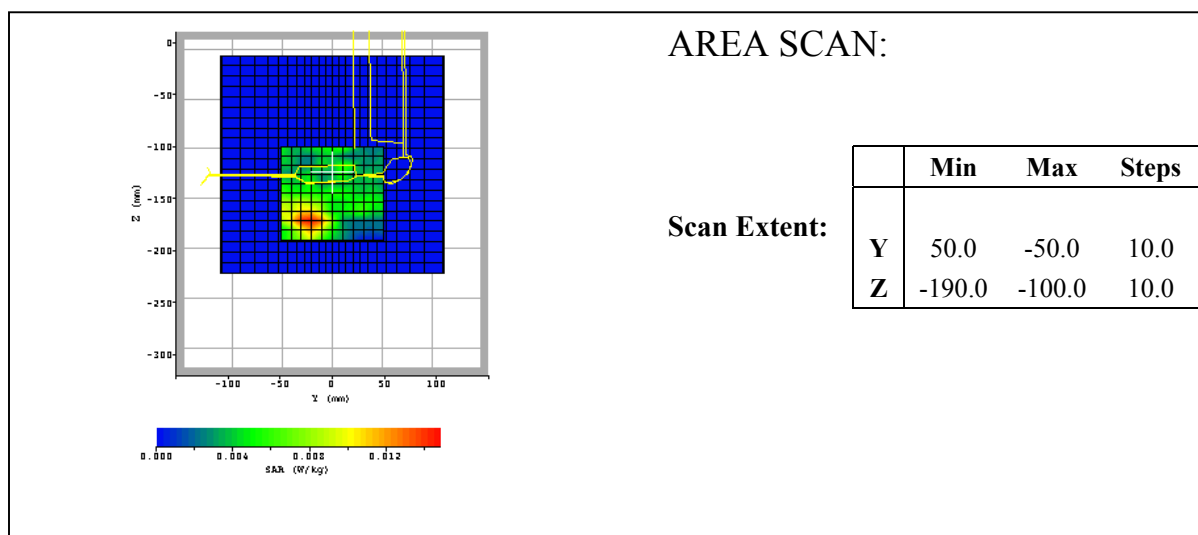
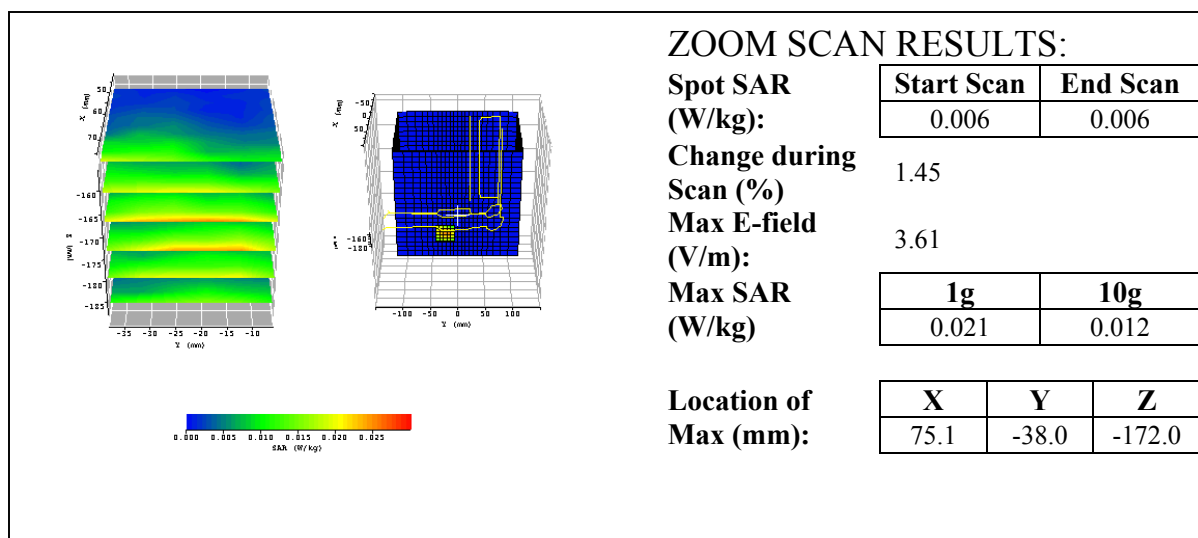
¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

Date / Time:	9/4/2003 4:02:31 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b S24-DS	Head Rotation:	0
Antenna:	integral	Test Frequency:	2437
Shape File:	xplor802lap.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_2450_BODY_802_11			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	19	19	19
	Lin	0.58	0.58	0.58
		5	5	5
Amp Gain:	2			
Averaging:	6			
Batteries				
Replaced:	09/03/2003			

Liquid:	2400
Type:	Body
Conductivity:	1.945
Relative Permittivity:	51.5
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	9/4/2003 4:27:33 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b S24-DS	Head Rotation:	0
Antenna:	integral	Test Frequency:	2437
Shape File:	xplor802bystand1.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_2450_BODY_802_11			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	19	19	19
	Lin	0.58	0.58	0.58
		5	5	5
Amp Gain:	2			
Averaging:	6			
Batteries				
Replaced:	09/03/2003			

Liquid:	2400
Type:	Body
Conductivity:	1.945
Relative Permittivity:	51.5
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D surface plots showing SAR distribution. The left plot shows a color-coded SAR distribution on a rectangular volume, with axes X (mm) from 20 to 55, Y (mm) from -125 to -160, and Z (mm) from 50 to 70. The right plot shows a similar distribution on a different volume, with axes X (mm) from -50 to 50, Y (mm) from -100 to 100, and Z (mm) from -160 to -140. A color bar at the bottom indicates SAR (W/kg) from 0.00 to 0.04.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan	End Scan
0.009	0.009

Change during

Scan (%)

3.24

Max E-field

(V/m):

4.37

Max SAR

(W/kg)

1g	10g
0.031	0.019

Location of

Max (mm):

X	Y	Z
75.1	25.0	-148.8

The figure displays a 2D area scan plot of SAR (W/kg) distribution. The X-axis represents the horizontal position in mm, ranging from -100 to 100. The Y-axis represents the vertical position in mm, ranging from -200 to 0. The color bar at the bottom indicates the SAR intensity, ranging from 0.0050 W/kg (blue) to 0.0200 W/kg (red). The plot shows a central region of high SAR (yellow/red) surrounded by lower SAR (green/blue). A yellow outline highlights a specific area within the high SAR region.

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	50.0	-50.0	10.0
Z	-190.0	-100.0	10.0

Date / Time:	9/4/2003 4:58:42 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b S24-DS	Head Rotation:	0
Antenna:	integral	Test Frequency:	2412
Shape File:	xplor802bystand1.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_2450_BODY_802_11			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	19	19	19
	Lin	0.58	0.58	0.58
		5	5	5
Amp Gain:	2			
Averaging:	6			
Batteries				
Replaced:	09/03/2003			

Liquid:	2400
Type:	Body
Conductivity:	1.932
Relative Permittivity:	51.6
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

The figure displays two 3D surface plots of SAR distribution. The left plot shows a color-coded SAR distribution on a rectangular volume, with axes labeled X (mm), Y (mm), and Z (mm). The right plot shows a similar distribution but with a yellow rectangular region highlighted. A color bar at the bottom indicates SAR values from 0.000 to 0.025 W/kg.

SAR (W/kg)

0.000 0.005 0.010 0.015 0.020 0.025 0.030 0.035

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Change during

Scan (%)

Max E-field

(V/m):

Max SAR

(W/kg)

Location of

Max (mm):

Start Scan	End Scan
0.010	0.010

1g	10g
0.029	0.017

X	Y	Z
75.1	16.0	-147.7

A 2D area scan plot showing SAR distribution on a grid. The X-axis (mm) ranges from -100 to 100, and the Z-axis (mm) ranges from 0 to -300. A color bar at the bottom indicates SAR values from 0.0050 to 0.0200 W/kg. A yellow rectangular region is highlighted on the grid, centered around X=0 and Z=-150.

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	50.0	-50.0	10.0
Z	-190.0	-100.0	10.0

Date / Time:	9/4/2003 5:24:31 PM	Position:	bystander 1.5cm
Filename:	bystander11_3d.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b S24-DS	Head Rotation:	0
Antenna:	integral	Test Frequency:	2462
Shape File:	xplor802bystand1.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_2450_BODY_802_11			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	19	19	19
	Lin	0.58	0.58	0.58
		5	5	5
Amp Gain:	2			
Averaging:	6			
Batteries				
Replaced:	09/03/2003			

Liquid:	2400
Type:	Body
Conductivity:	1.961
Relative Permittivity:	51.1
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

