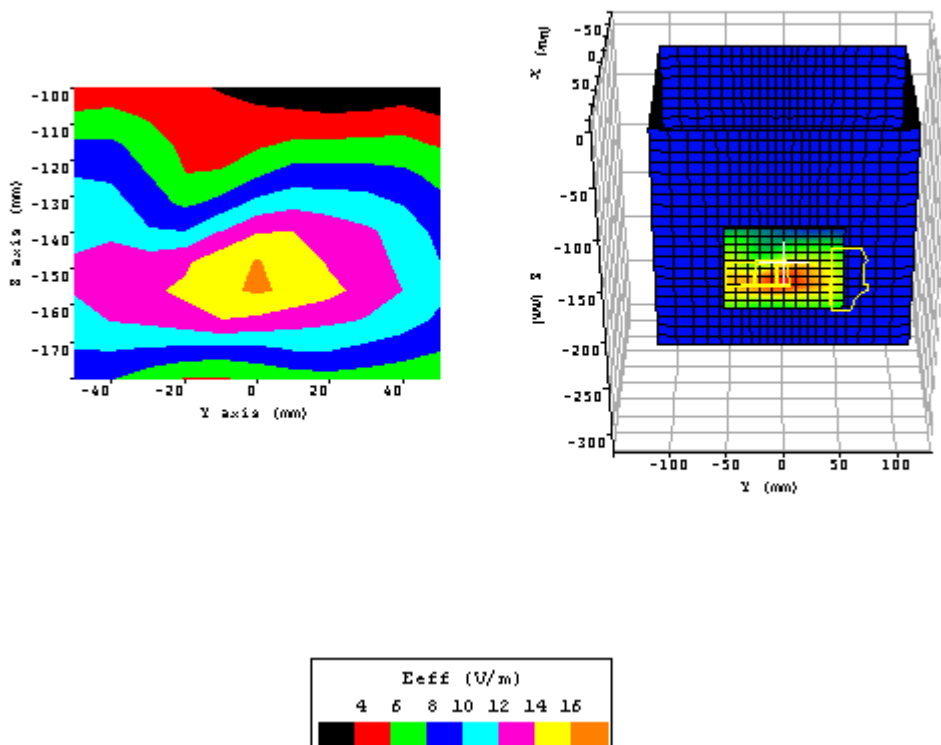
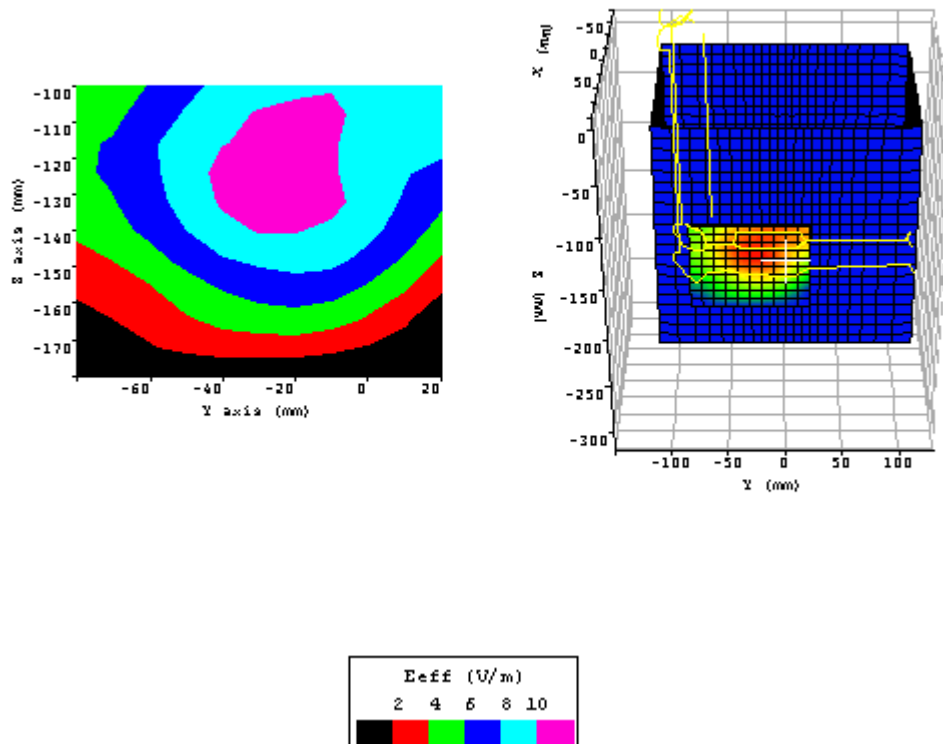


1902G 850 MHz band:

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.

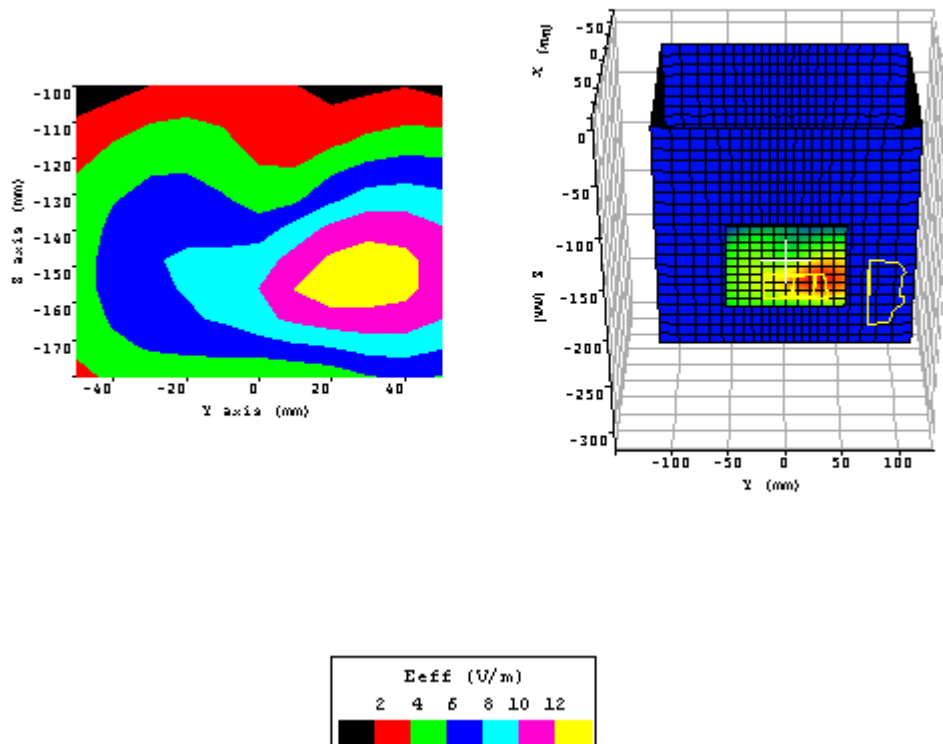
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



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.

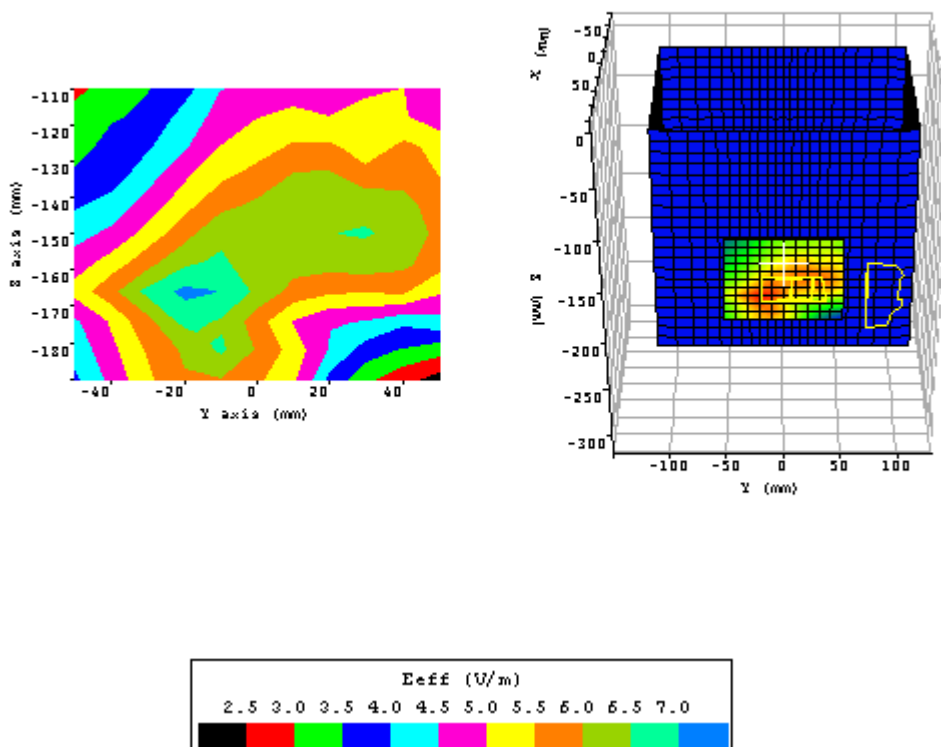
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



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.

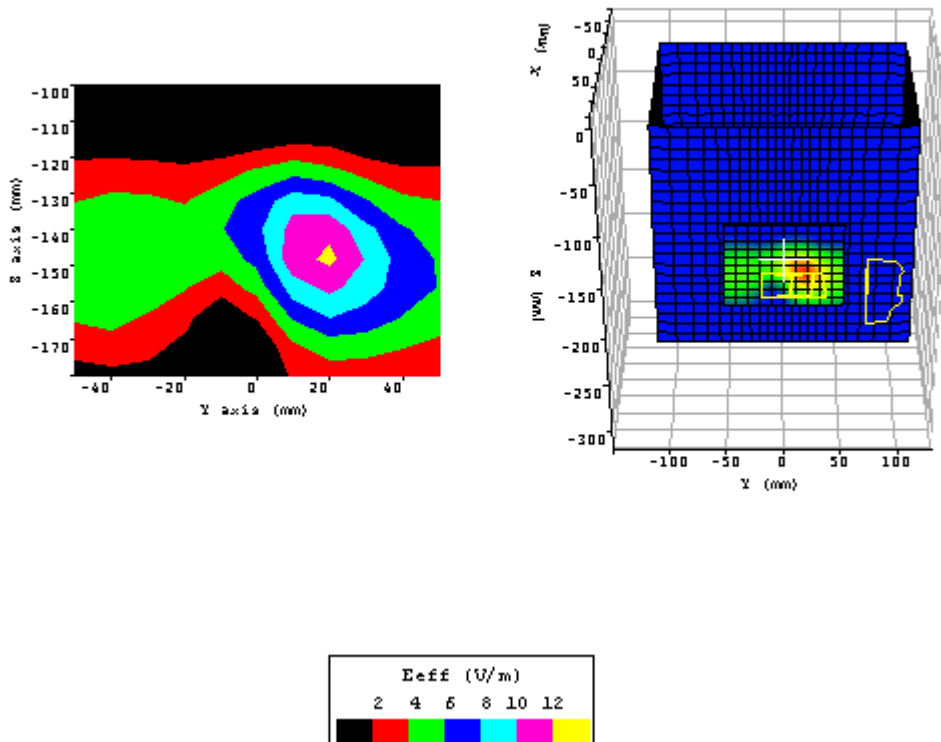


Plot 4.

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.

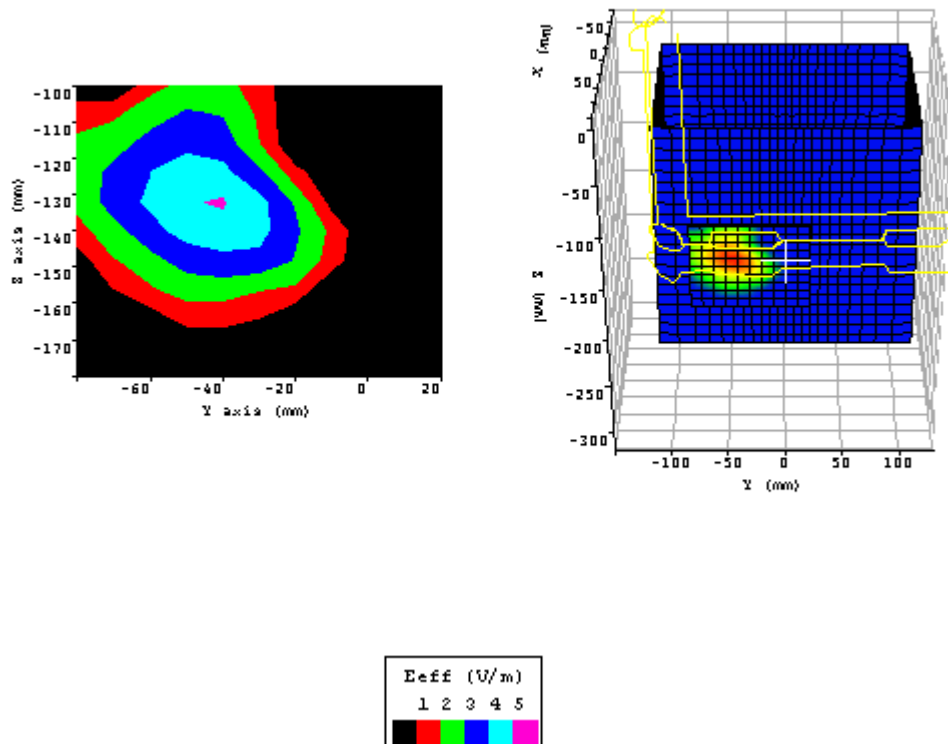
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

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.

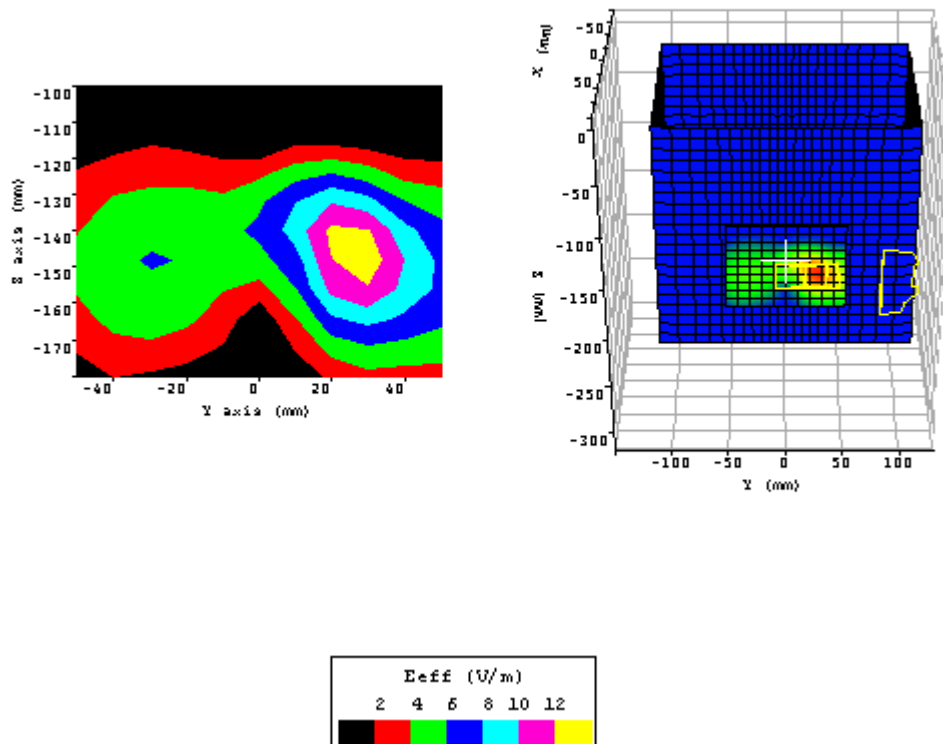
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

**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.

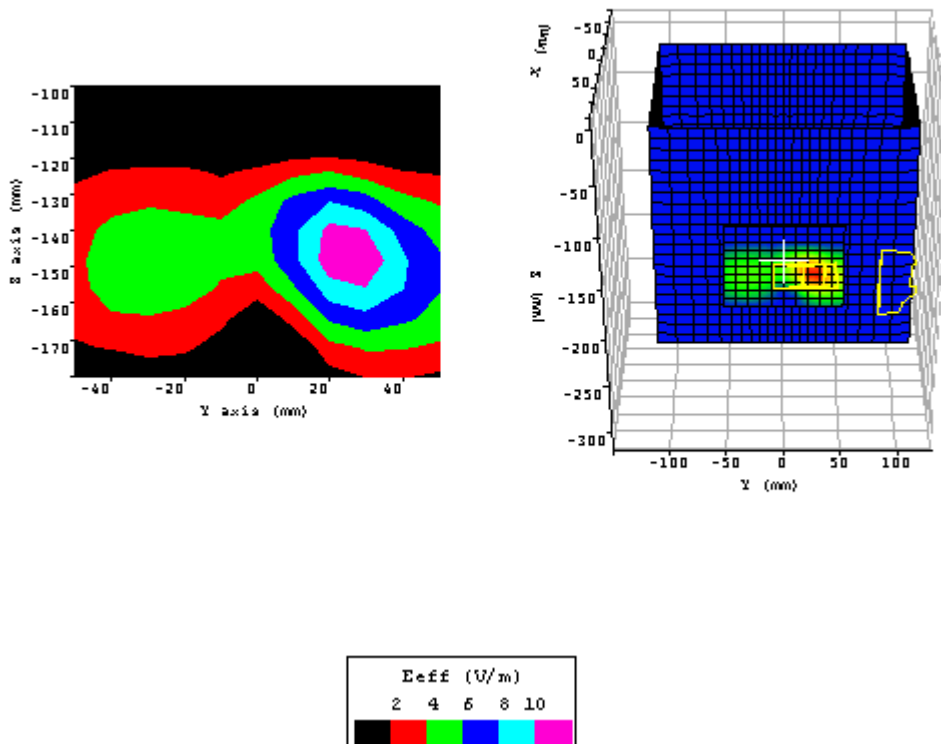
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

**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%	

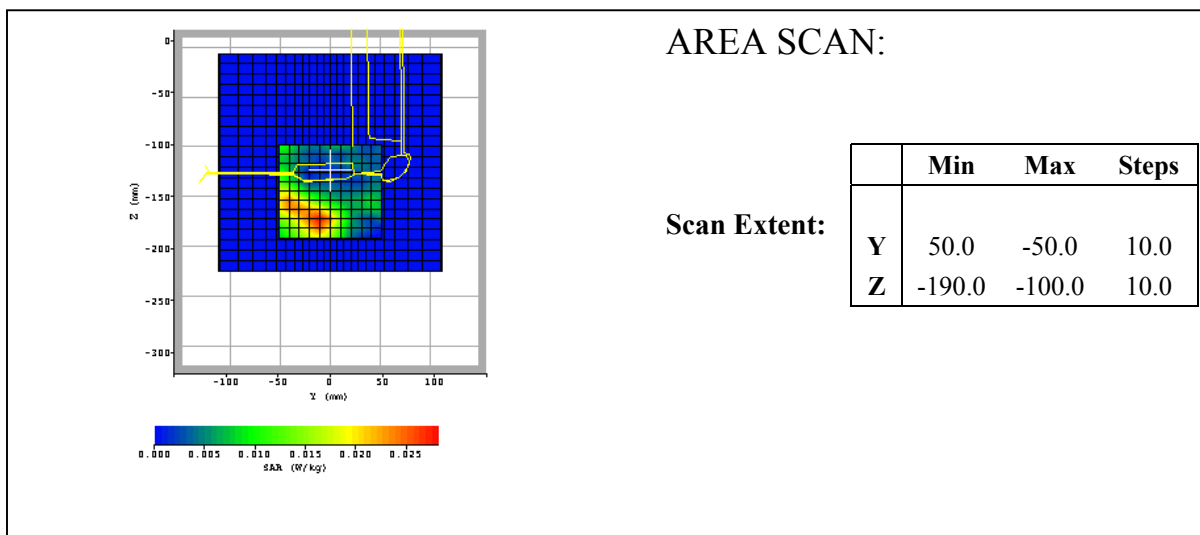
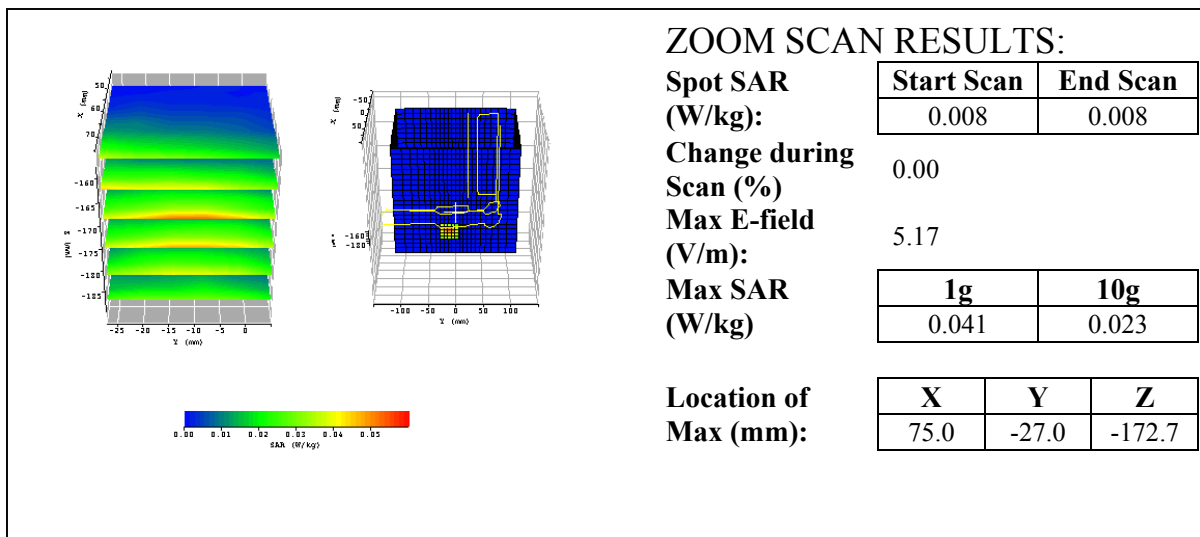
¹ DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification*. Crest factor is not used.

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 1:27:03 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	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			

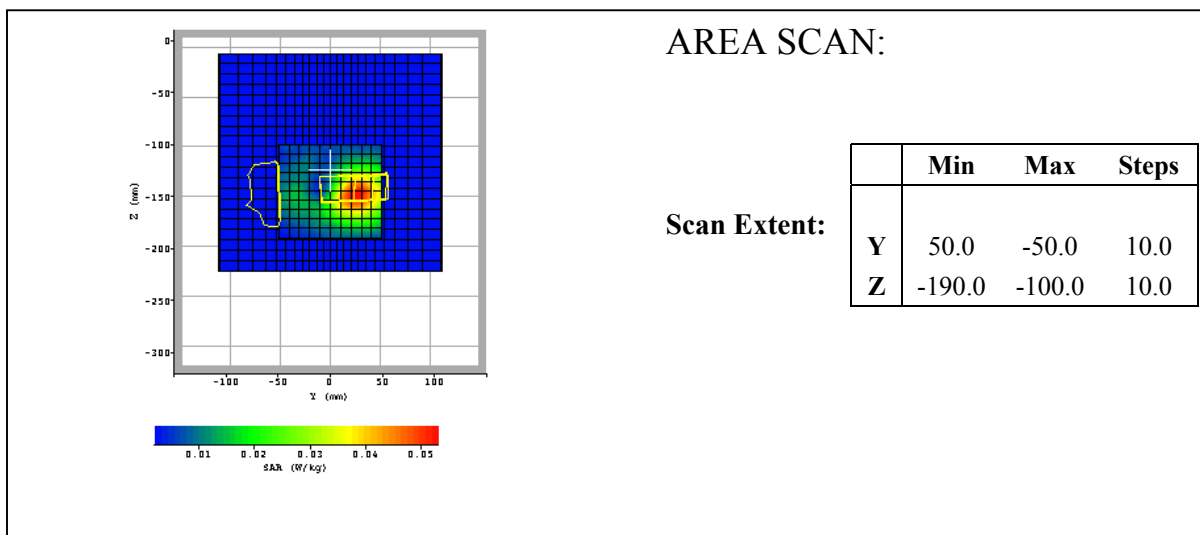
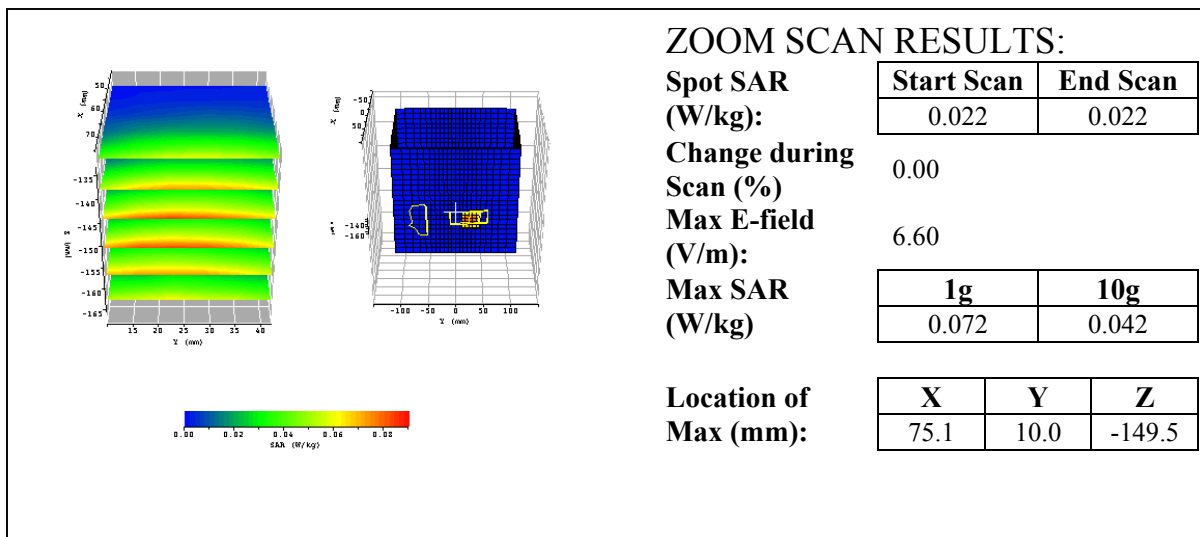
Liquid:	2400
Type:	Body
Conductivity:	1.945
Relative Permittivity:	51.5
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	9/4/2003 1:59:48 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	Head Rotation:	0
Antenna:	integral	Test Frequency:	2437
Shape File:	xplor802bystand.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			

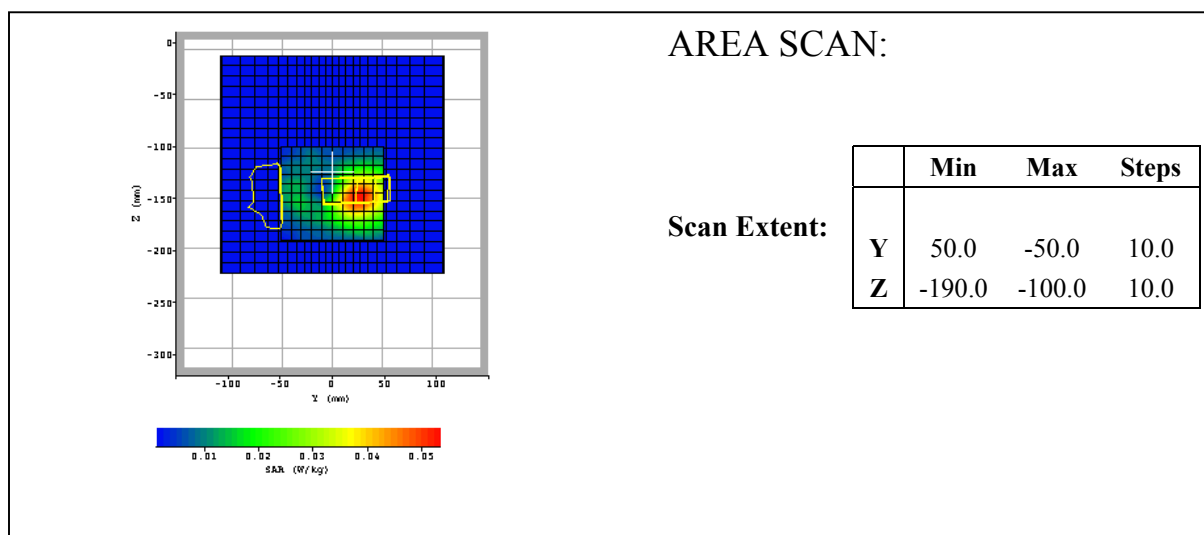
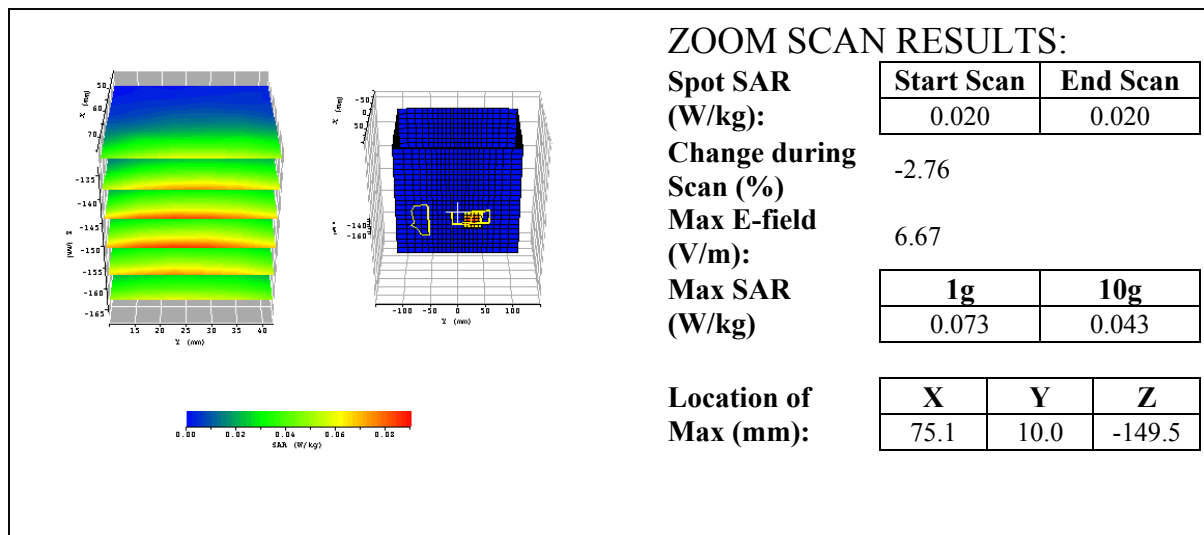
Liquid:	2400
Type:	Body
Conductivity:	1.945
Relative Permittivity:	51.5
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	9/4/2003 2:27:48 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	Head Rotation:	0
Antenna:	integral	Test Frequency:	2412
Shape File:	xplor802bystand.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



Date / Time:	9/4/2003 2:53:30 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	Head Rotation:	0
Antenna:	integral	Test Frequency:	2462
Shape File:	xplor802bystand.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

The figure displays two 3D surface plots of SAR distribution. The left plot shows a color-coded SAR map with a color bar ranging from 0.00 to 0.02 W/kg. The right plot shows a 3D wireframe model of the head phantom with a yellow box indicating the area of interest. The color bar is labeled 'SAR (W/kg)' and has a scale from 0.00 to 0.02.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan	End Scan
0.019	0.019

**Change during
Scan (%)**

-1.27

Max E-field

(V/m):

6.51

Max SAR

(W/kg)

1g	10g
0.070	0.041

Location of

Max (mm):

X	Y	Z
75.1	9.0	-149.5

Area Scan SAR map showing a color-coded distribution of SAR values across a grid. The grid is bounded by Y (mm) from -100 to 100 and Z (mm) from 0 to -300. A color bar at the bottom indicates SAR values from 0.01 to 0.05 W/kg. A yellow box highlights a region of high SAR values (red/yellow) centered around Y=0, Z=-150. A white crosshair is also present in the center of the grid.

AREA SCAN:

Scan Extent:

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