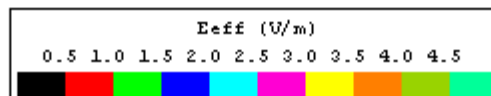
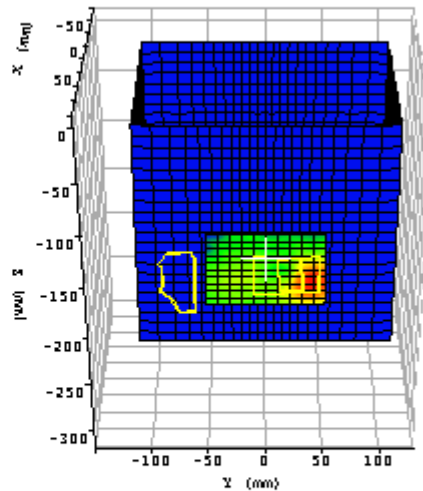
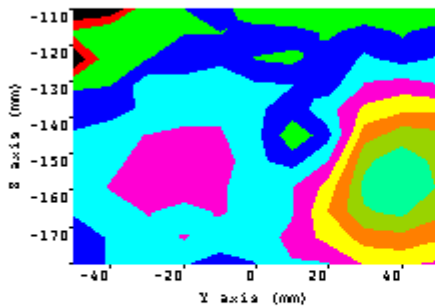


Appendix A: Measurement Plots

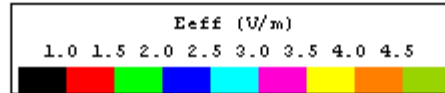
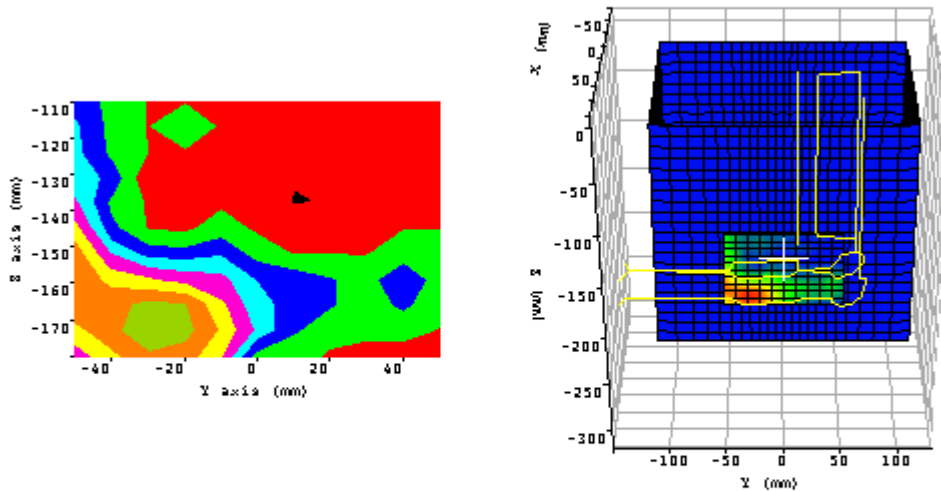
Symbol Spectrum24 FH:



Plot 1.	
Date:	04/14/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP ¹	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ϵ_r : 51.72 σ : 1.968
Test Position	bystander 1 cm
Device Frequency	2440 MHz
Maximum 1 gram SAR:	0.071W/Kg
Maximum 10 gram SAR:	0.037/Kg
Power reference start:	0.012W/Kg
Power reference end	0.012W/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.

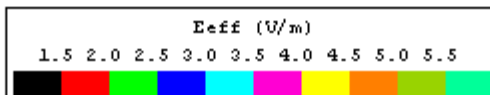
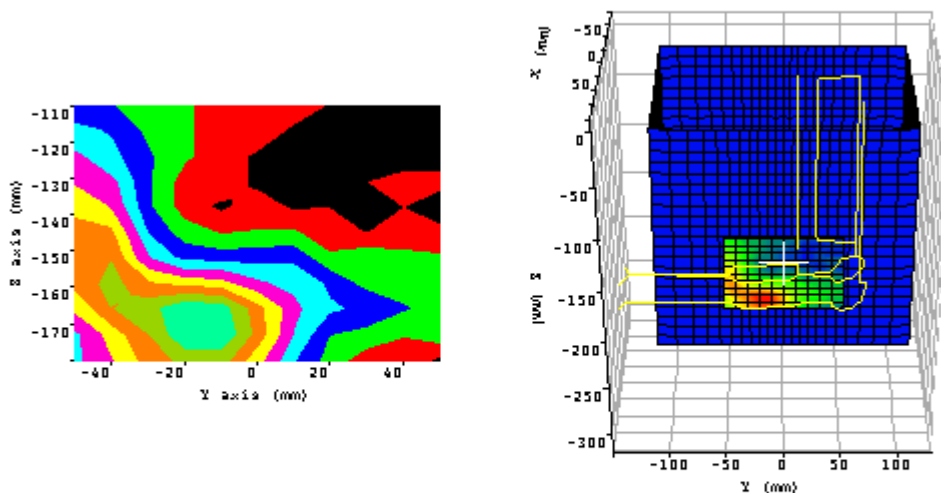
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 2.	
Date:	04/14/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP ¹	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ϵ_r : 51.72 σ : 1.968
Test Position	lap
Device Frequency	2440 MHz
Maximum 1 gram SAR:	0.076W/Kg
Maximum 10 gram SAR:	0.039/Kg
Power reference start:	0.012W/Kg
Power reference end	0.012W/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.

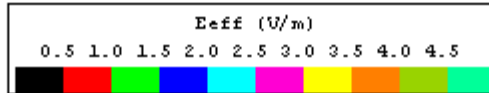
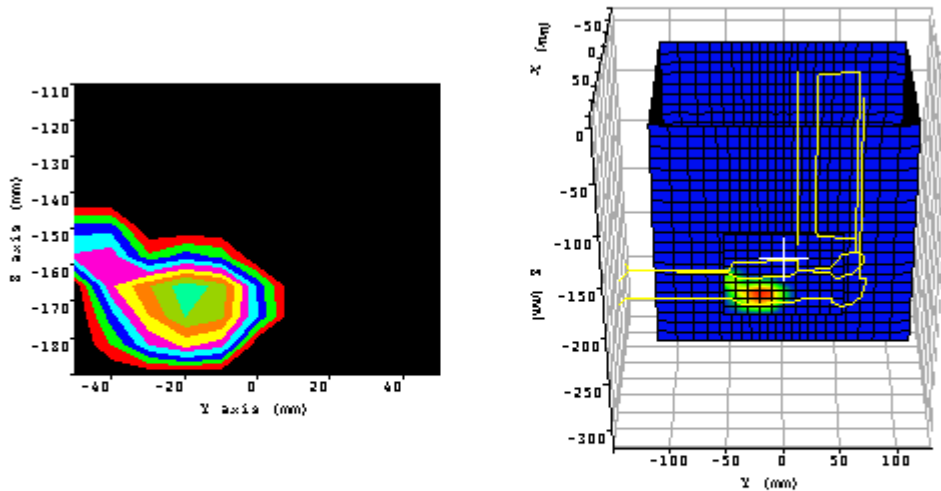
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 3.	
Date:	04/14/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP ¹	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ϵ_r : 51.01 σ : 1.948
Test Position	lap
Device Frequency	2402 MHz
Maximum 1 gram SAR:	0.111W/Kg
Maximum 10 gram SAR:	0.055/Kg
Power reference start:	0.020W/Kg
Power reference end	0.020W/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.

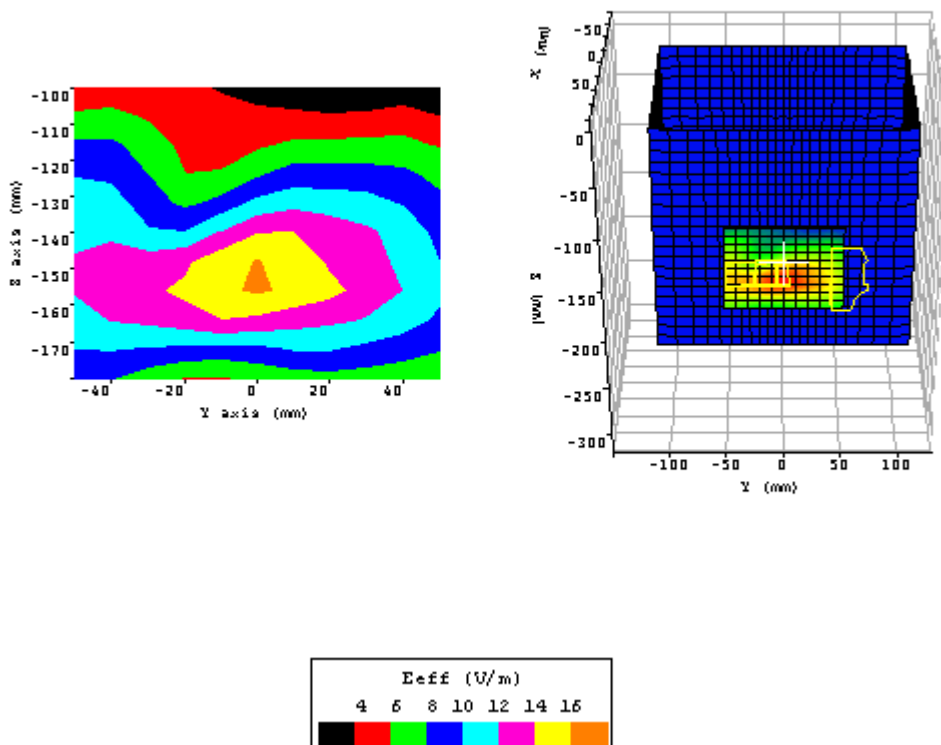
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 4.	
Date:	04/14/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP ¹	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ϵ_r : 51.84 σ : 1.971
Test Position	lap
Device Frequency	2480 MHz
Maximum 1 gram SAR:	0.094W/Kg
Maximum 10 gram SAR:	0.036/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.

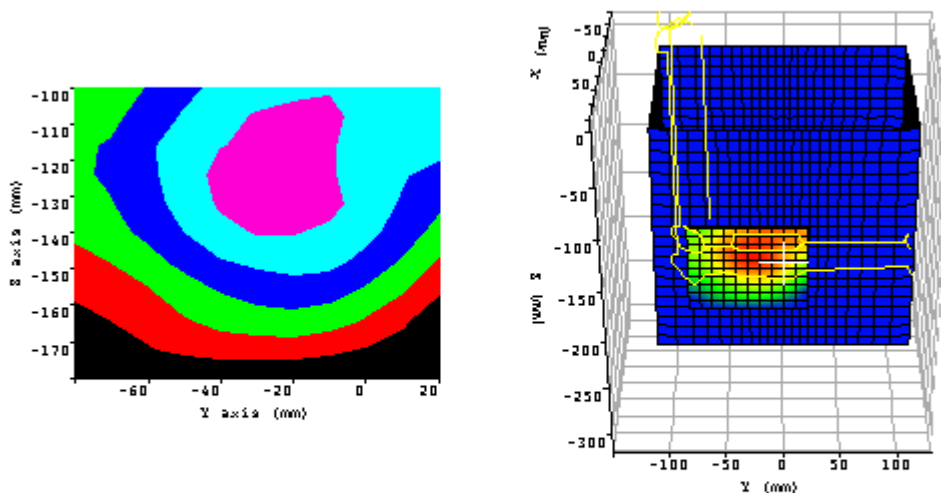
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

1902G 850 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	0.466
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.

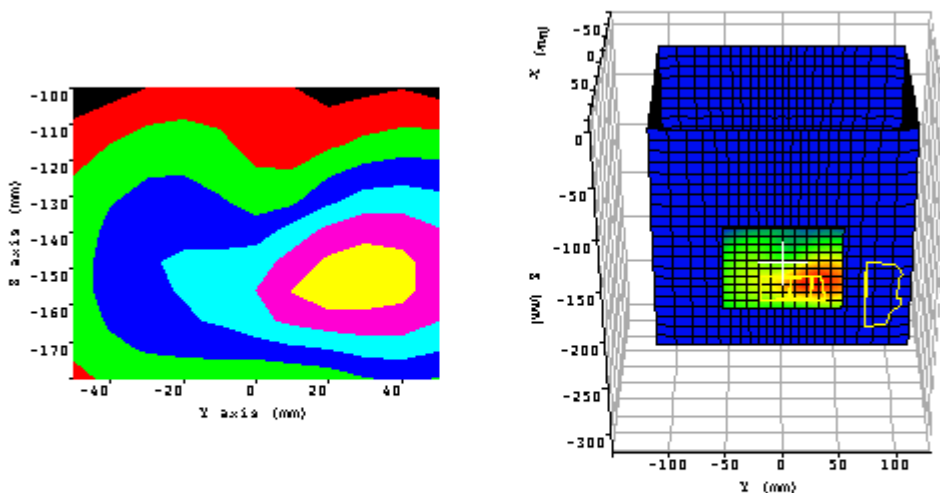
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 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	0.466
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.

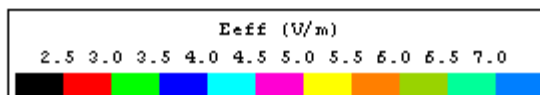
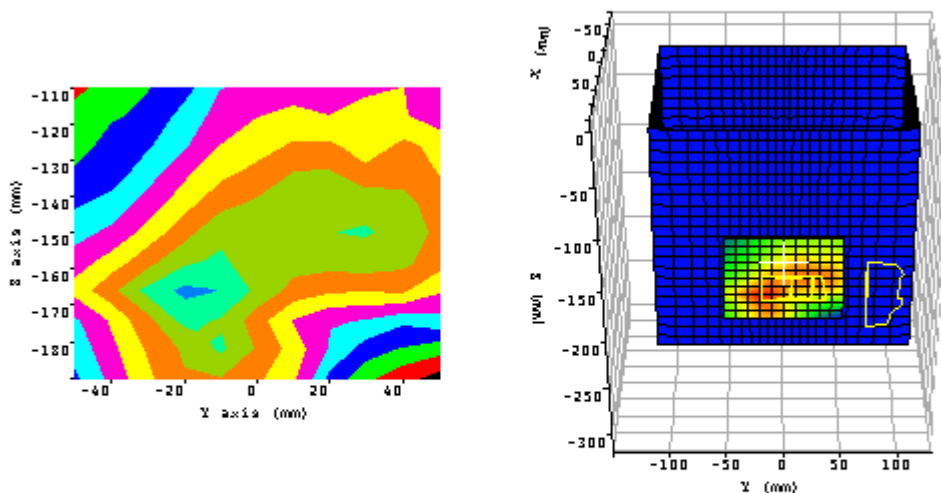
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 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	0.466
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.

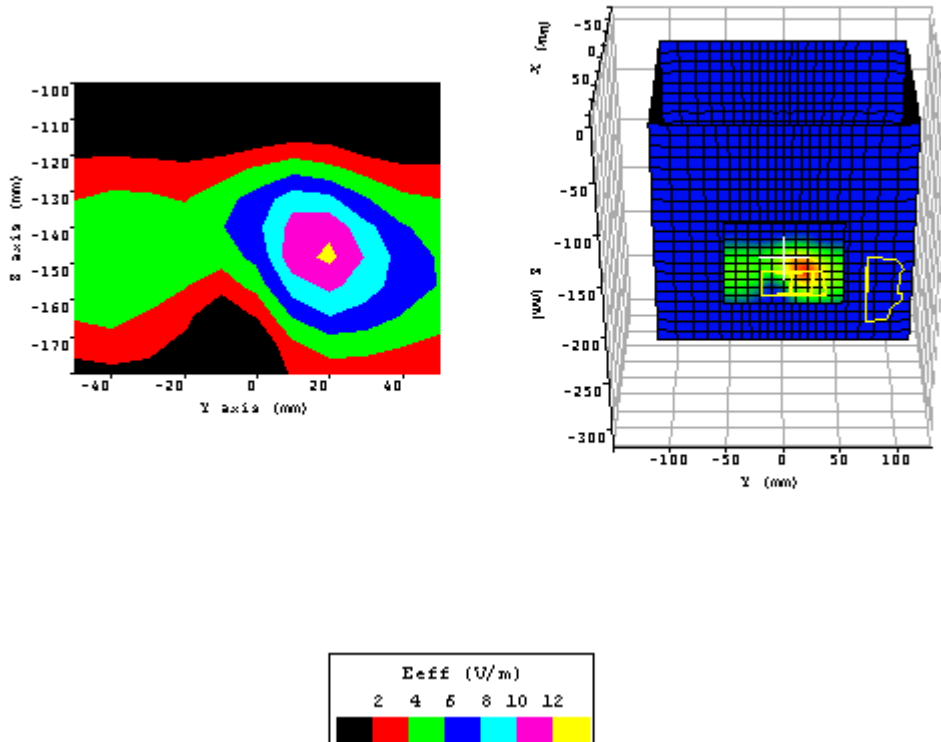
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 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	0.466
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.

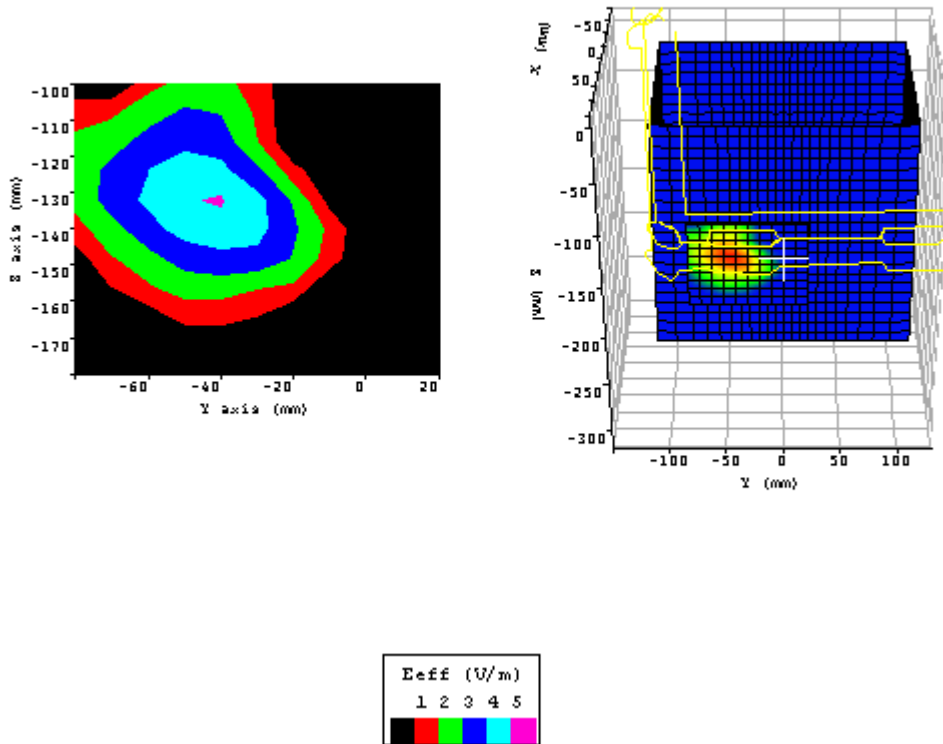
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

1902G 1900 MHz band:**Plot 9.**

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.

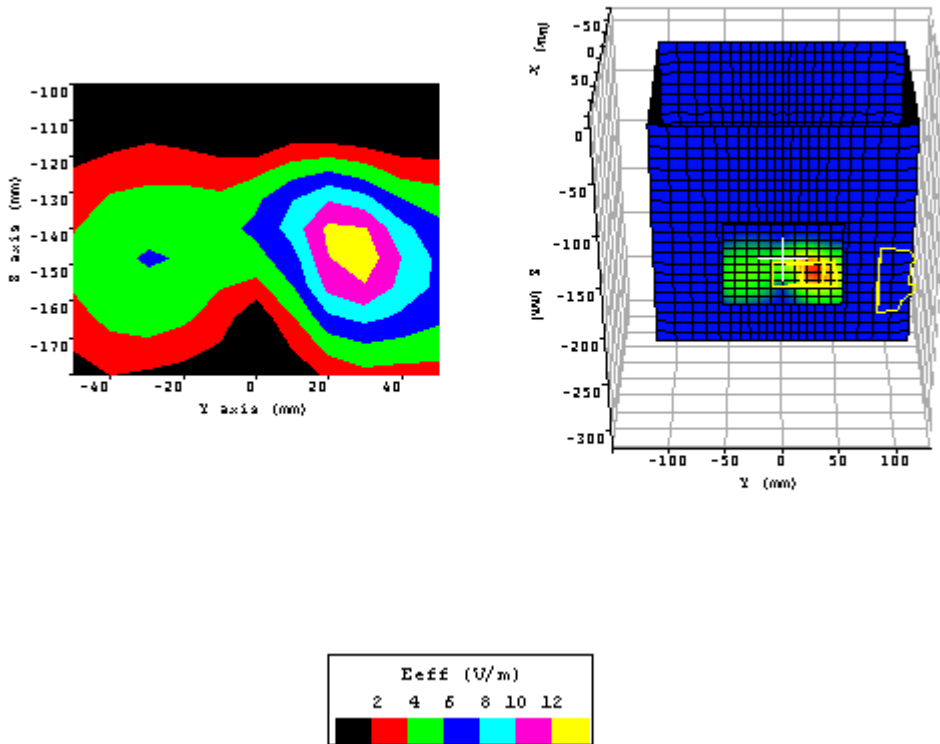
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 10.	
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.

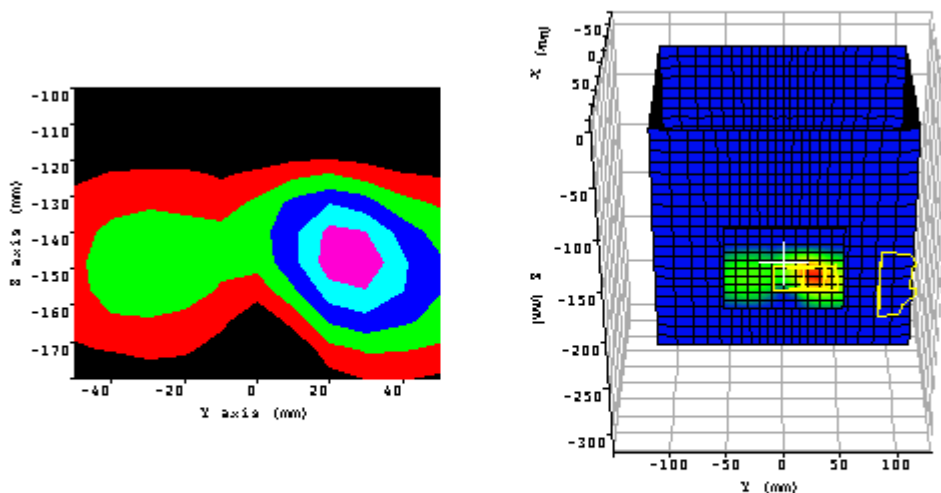


Plot 11.

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 12.	
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.