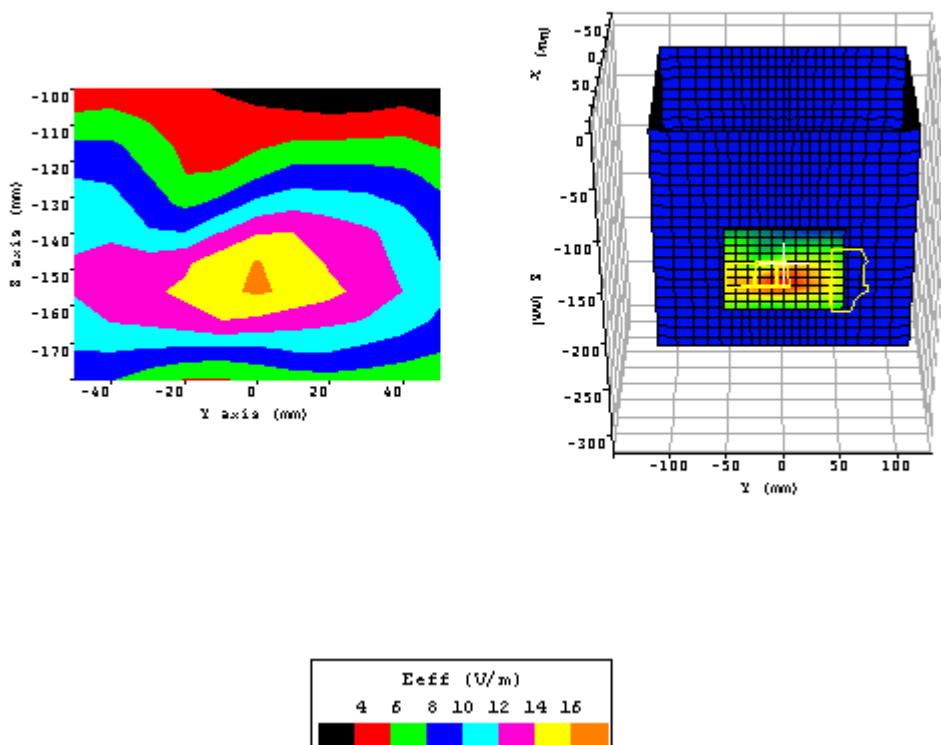


Appendix A: Measurement Plots

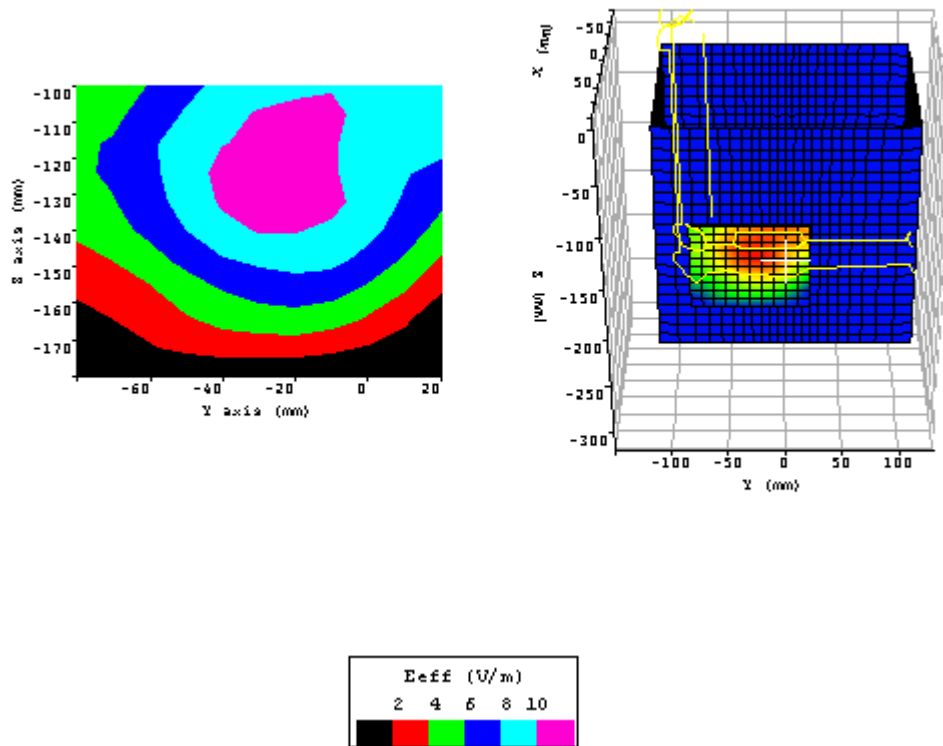
1902G 850 MHz band:



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.

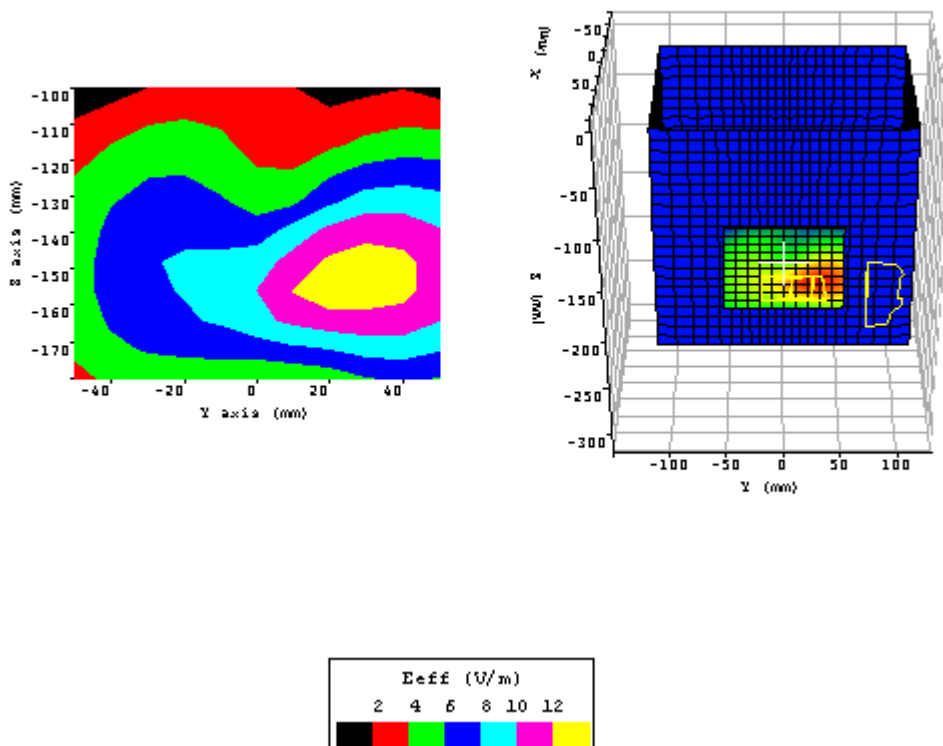
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



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.

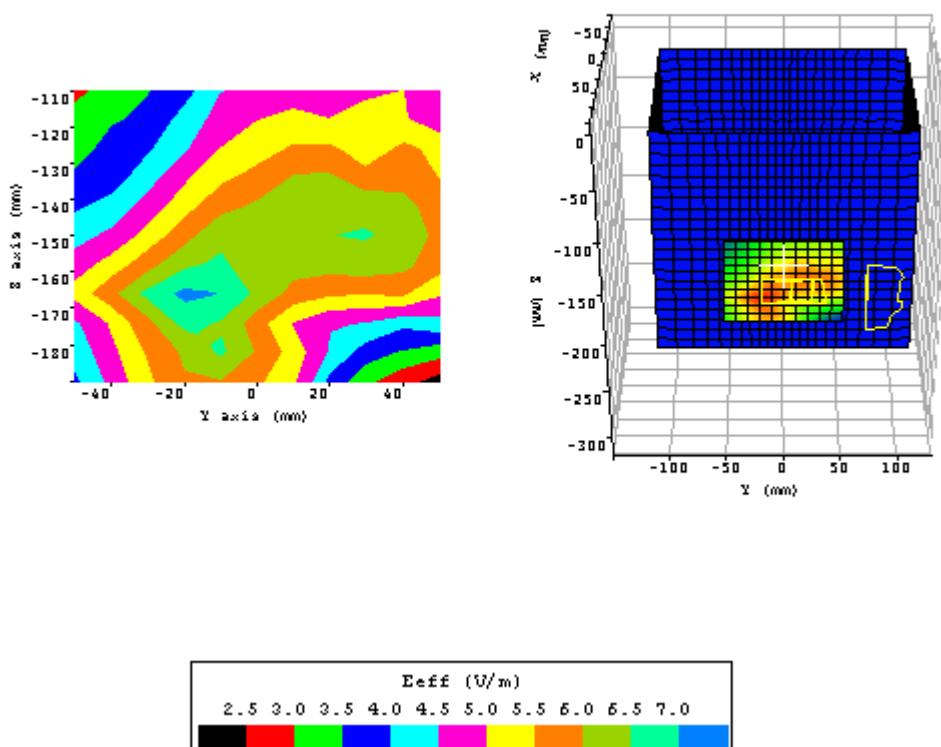
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



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.

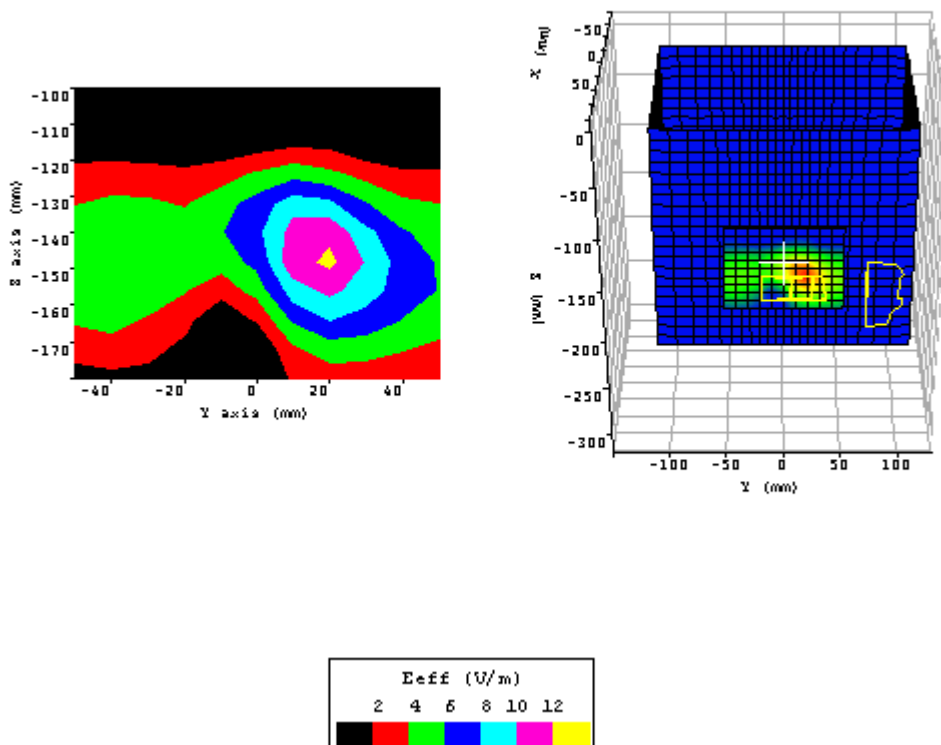
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



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.

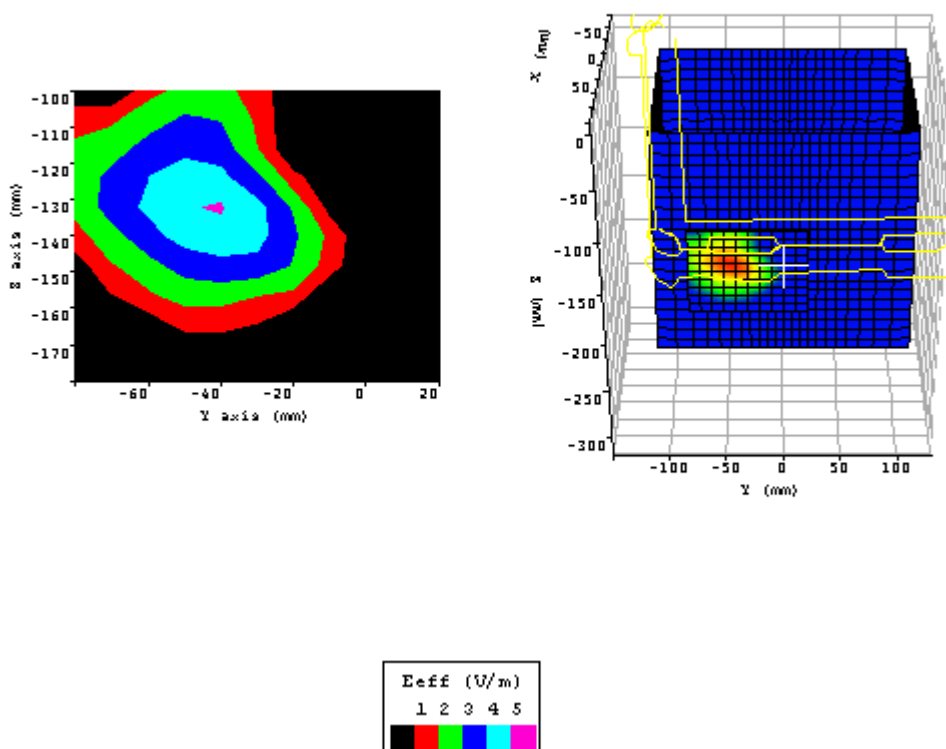
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

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.

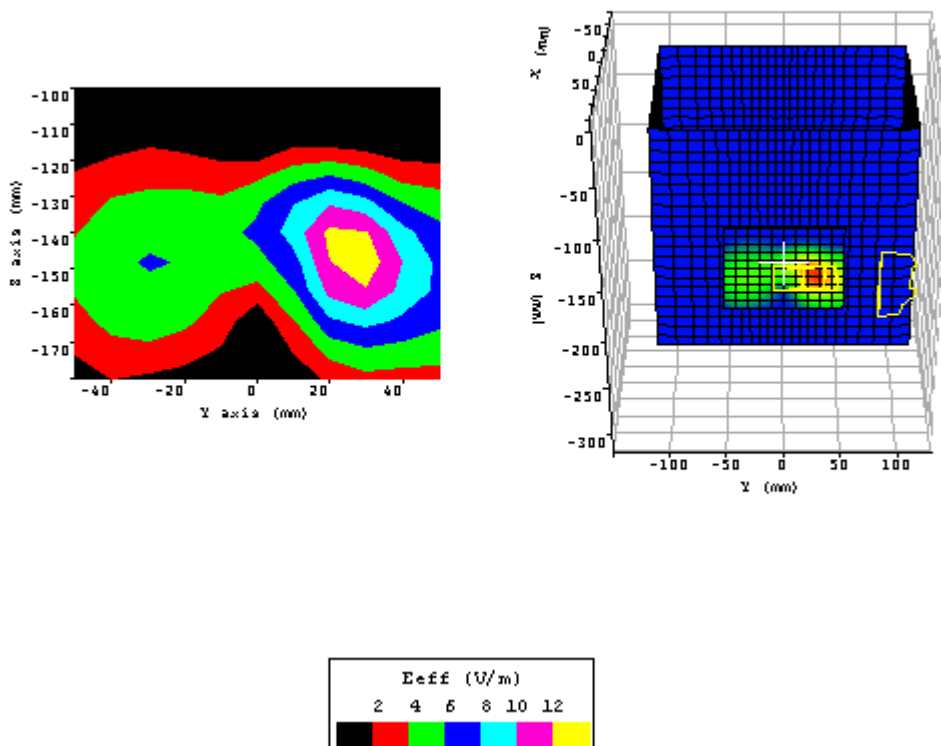
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



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.

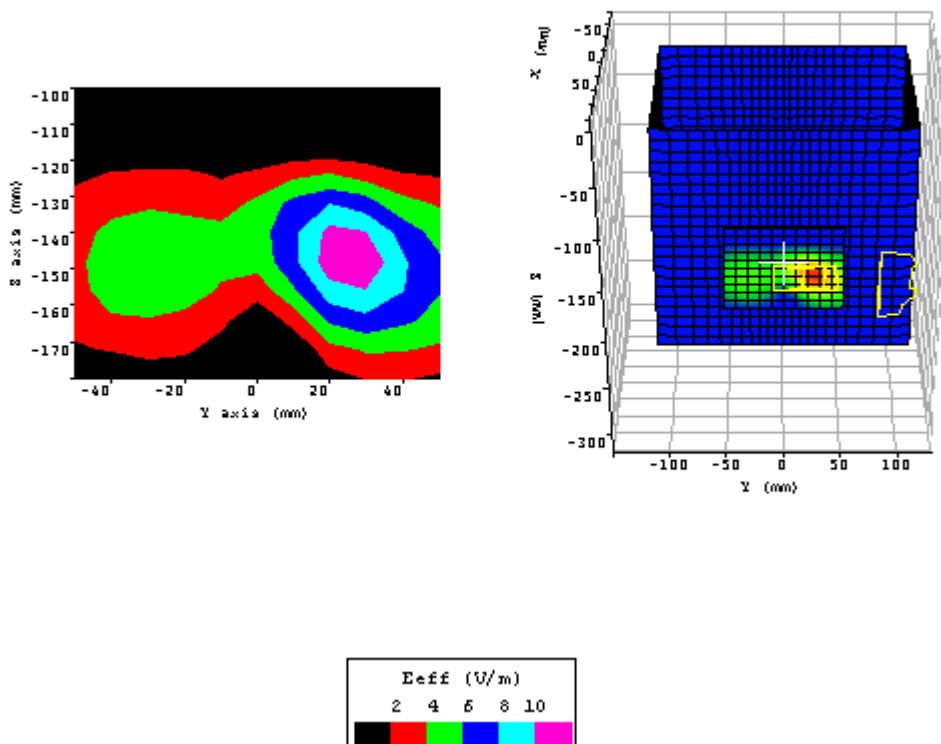
² The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



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.