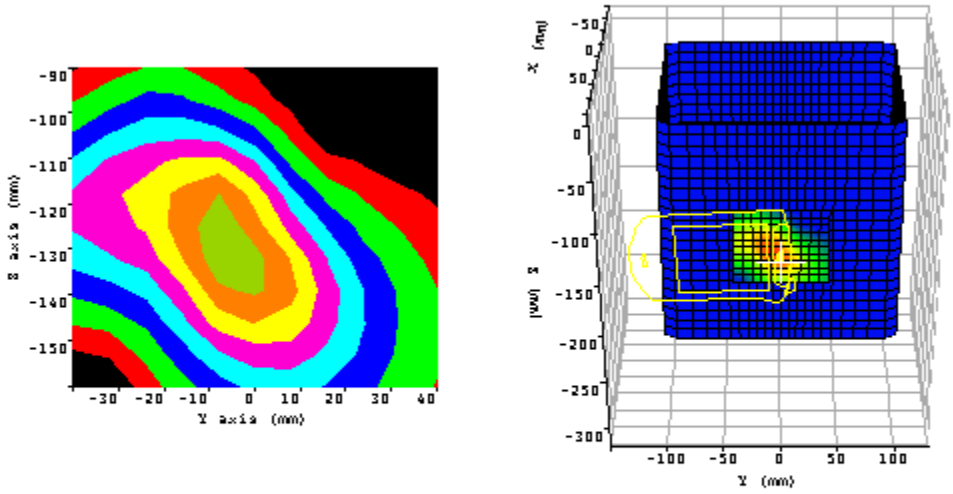
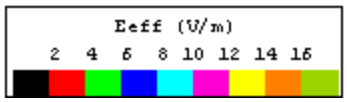
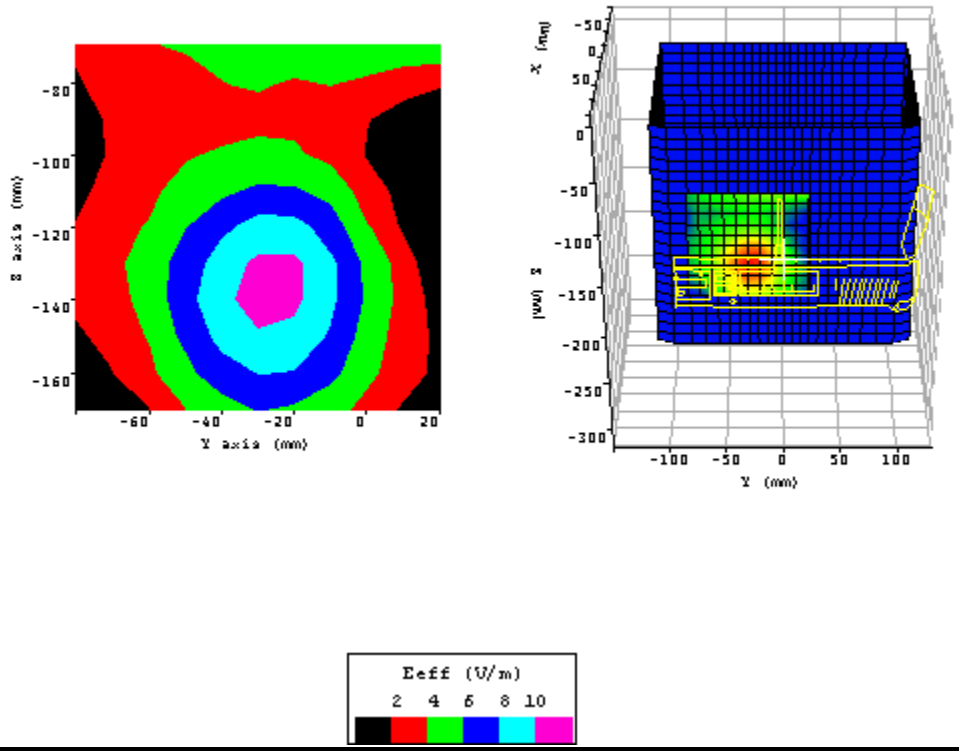
Appendix A: Measurement Plots





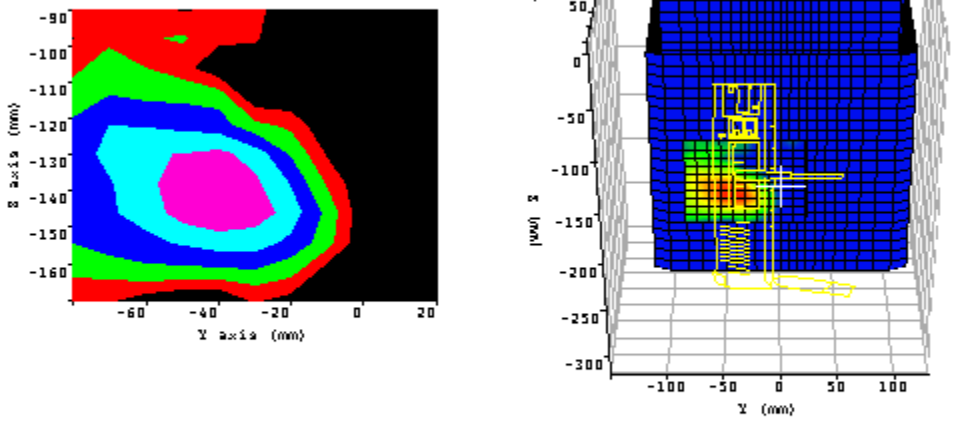
Plot 1.	
Date:	8/07/2002
Temperature Air / Liquid:	22.1°C / 22.0°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
PDA	HP Joranda
Position:	PDA against phantom antenna away
Channel:	661
Maximum 1 gram SAR:	0.597W/Kg
Maximum 10 gram SAR:	0.331W/Kg
Power reference start:	0.177W/Kg
Power reference end	0.179W/Kg
Power reference change	1.1%

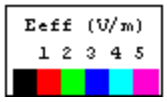
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.



Plot 2.	
Date:	8/23/2002
Temperature Air / Liquid:	21.4°C / 21.4°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Compaq, Armada 7800
Position:	Antenna Vertical 2.5cm bystander
Channel:	661
Maximum 1 gram SAR:	0.293W/Kg
Maximum 10 gram SAR:	0.178W/Kg
Power reference start:	0.078W/Kg
Power reference end	0.078W/Kg
Power reference change	0.0%

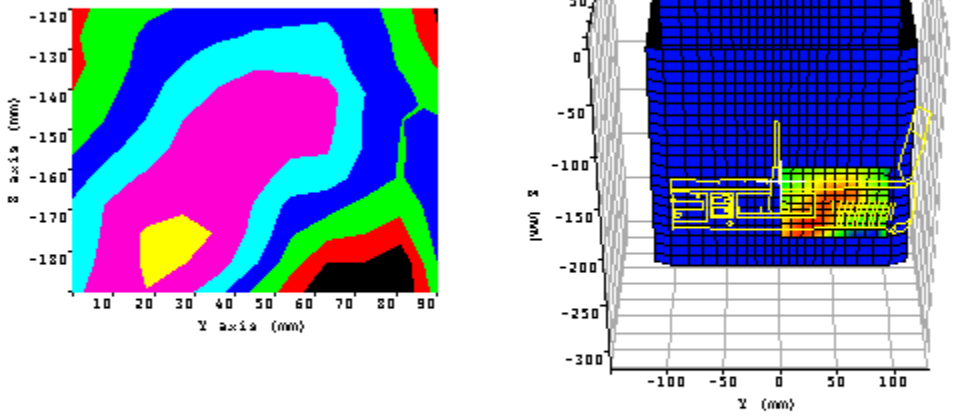
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.

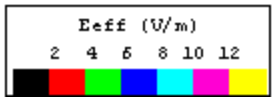




Plot 3.	
Date:	8/23/2002
Temperature Air / Liquid:	21.4°C / 21.4°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Compaq, Armada 7800
Position:	Antenna Horizontal 2.5cm bystander
Channel:	661
Maximum 1 gram SAR:	0.096W/Kg
Maximum 10 gram SAR:	0.053W/Kg
Power reference start:	0.021W/Kg
Power reference end	0.021W/Kg
Power reference change	0.0%

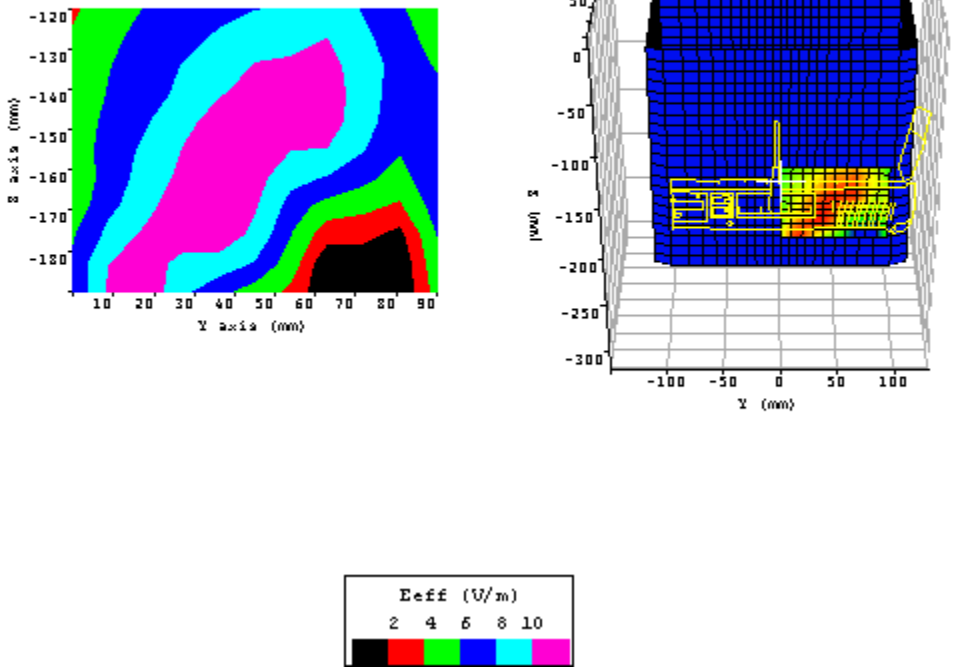
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.





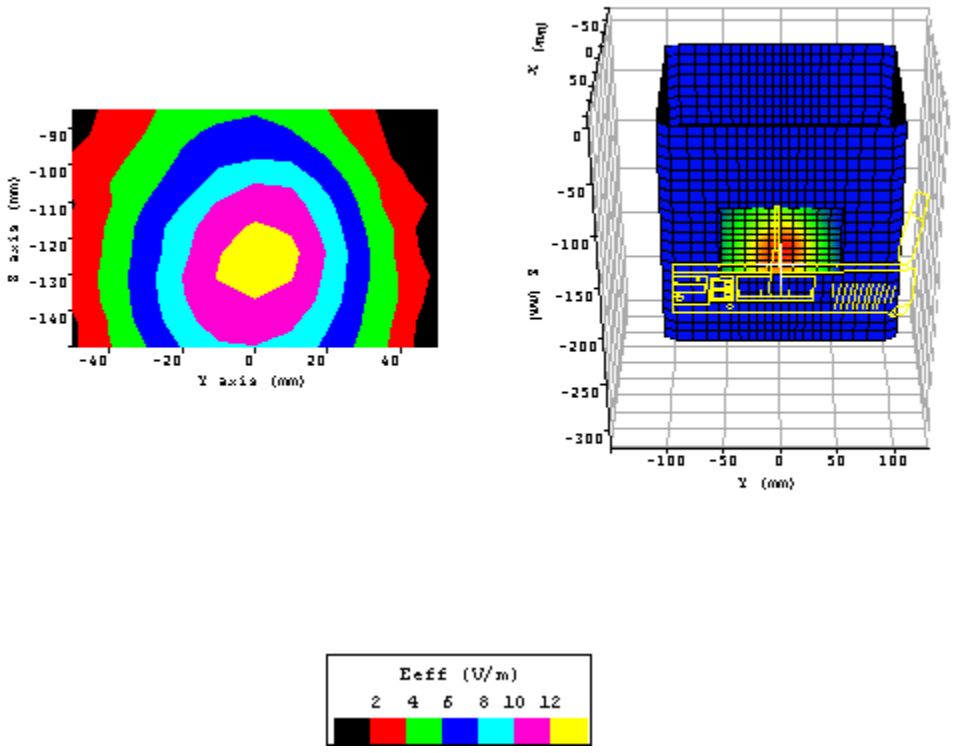
Plot 4.	
Date:	8/23/2002
Temperature Air / Liquid:	21.4°C / 21.4°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Compaq, Armada 7800
Position:	Laptop against phantom antenna away
Channel:	661
Maximum 1 gram SAR:	0.403W/Kg
Maximum 10 gram SAR:	0.250W/Kg
Power reference start:	0.099W/Kg
Power reference end	0.099W/Kg
Power reference change	0.0%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.



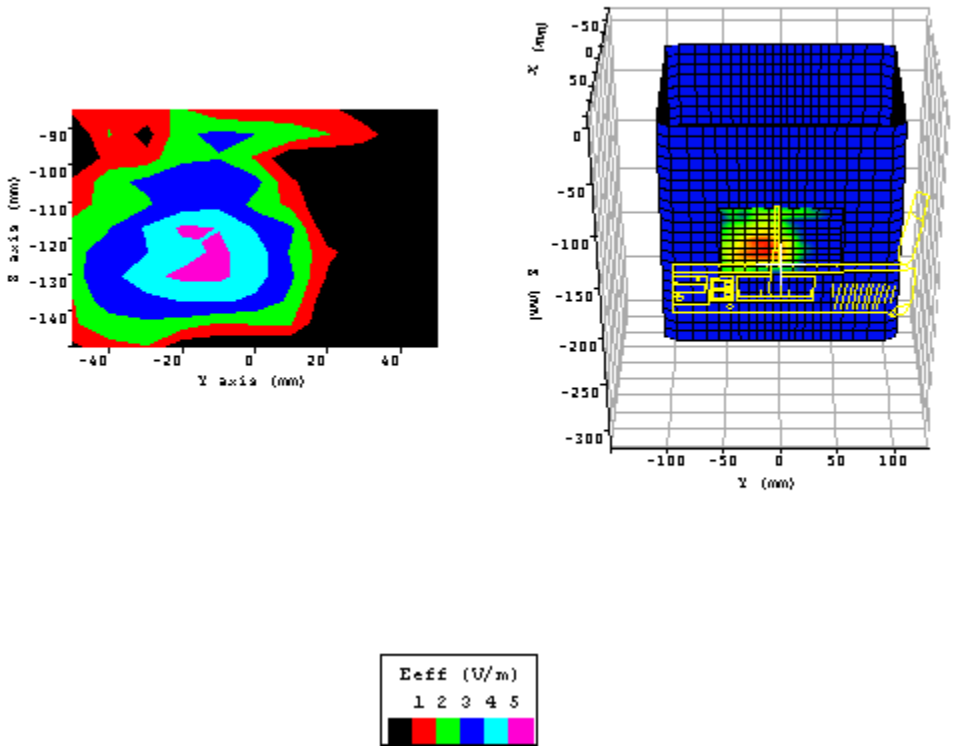
Plot 5.	
Date:	8/23/2002
Temperature Air / Liquid:	21.4°C / 21.4°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Compaq, Armada 7800
Position:	Laptop against phantom antenna parallel
Channel:	661
Maximum 1 gram SAR:	0.491W/Kg
Maximum 10 gram SAR:	0.289W/Kg
Power reference start:	0.092W/Kg
Power reference end	0.092W/Kg
Power reference change	0.0%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.



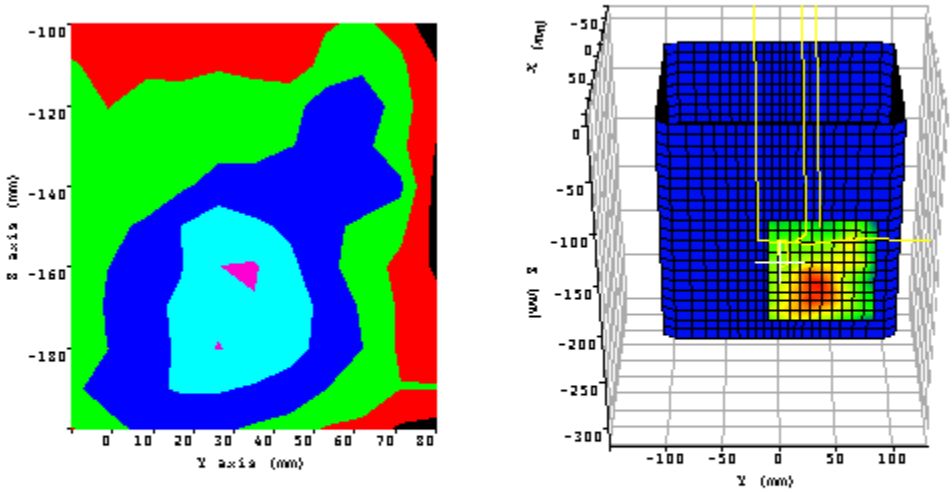
Plot 6.	
Date:	8/29/2002
Temperature Air / Liquid:	22.1°C / 22.0°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	IBM, Thinkpad
Position:	Antenna Vertical 2.5cm bystander
Channel:	661
Maximum 1 gram SAR:	0.434 W/Kg
Maximum 10 gram SAR:	0.267 W/Kg
Power reference start:	0.120 W/Kg
Power reference end	0.124 W/Kg
Power reference change	3.23%

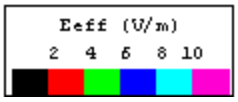
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.



Plot 7.	
Date:	8/29/2002
Temperature Air / Liquid:	22.1°C / 22.0°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	IBM, Thinkpad
Position:	Antenna Horizontal 2.5cm bystander
Channel:	661
Maximum 1 gram SAR:	0.078 W/Kg
Maximum 10 gram SAR:	0.042 W/Kg
Power reference start:	0.015 W/Kg
Power reference end	0.015 W/Kg
Power reference change	0.0%

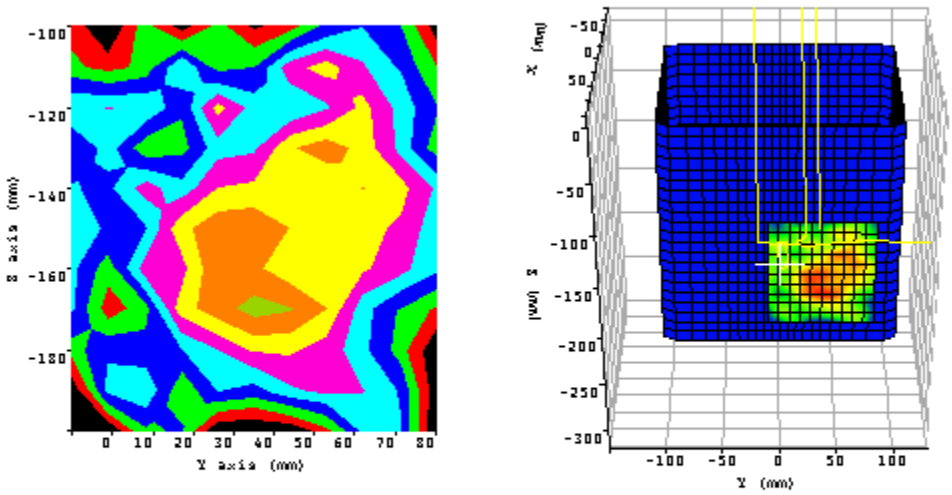
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.

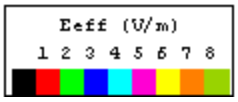




Plot 8.	
Date:	8/29/2002
Temperature Air / Liquid:	22.1°C / 22.0°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	IBM, Thinkpad
Position:	Laptop against phantom antenna away
Channel:	661
Maximum 1 gram SAR:	0.254 W/Kg
Maximum 10 gram SAR:	0.159 W/Kg
Power reference start:	0.058 W/Kg
Power reference end	0.057 W/Kg
Power reference change	-2.49%

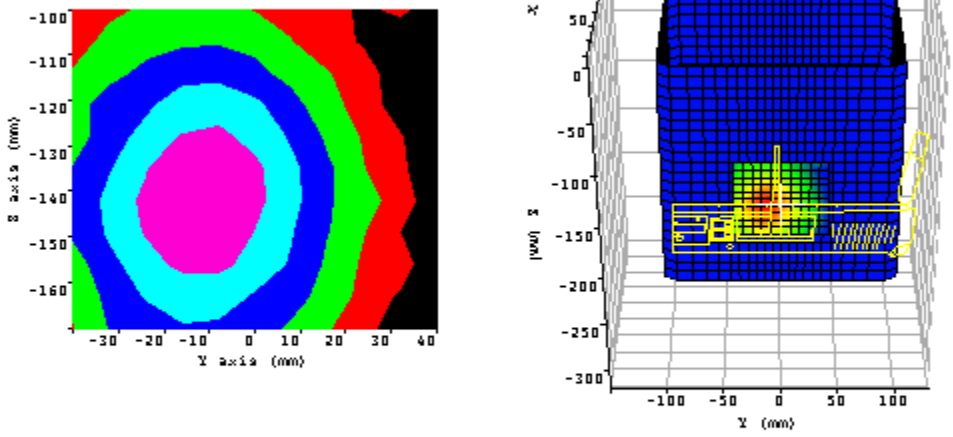
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.





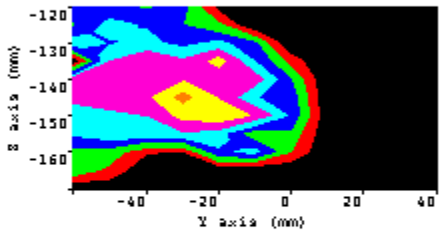
Plot 9.	
Date:	8/29/2002
Temperature Air / Liquid:	22.1°C / 22.0°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	IBM, Thinkpad
Position:	Laptop against phantom antenna parallel
Channel:	661
Maximum 1 gram SAR:	0.155 W/Kg
Maximum 10 gram SAR:	0.099 W/Kg
Power reference start:	0.038 W/Kg
Power reference end	0.038 W/Kg
Power reference change	0.0%

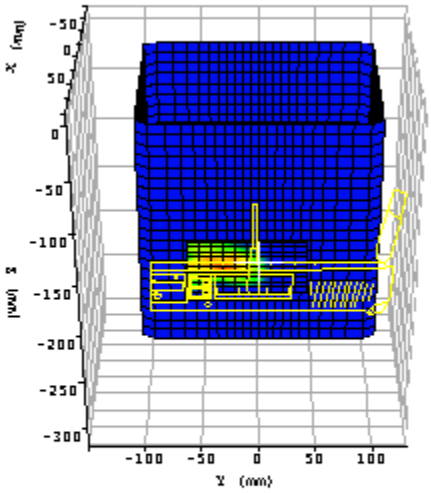
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.

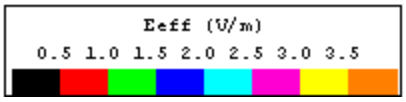


Plot 10.	
Date:	8/30/2002
Temperature Air / Liquid:	21.5°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Fujitsu Lifebook
Position:	Antenna Vertical 2.5cm bystander
Channel:	661
Maximum 1 gram SAR:	0.358 W/Kg
Maximum 10 gram SAR:	0.218 W/Kg
Power reference start:	0.104 W/Kg
Power reference end	0.104 W/Kg
Power reference change	0.0%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.

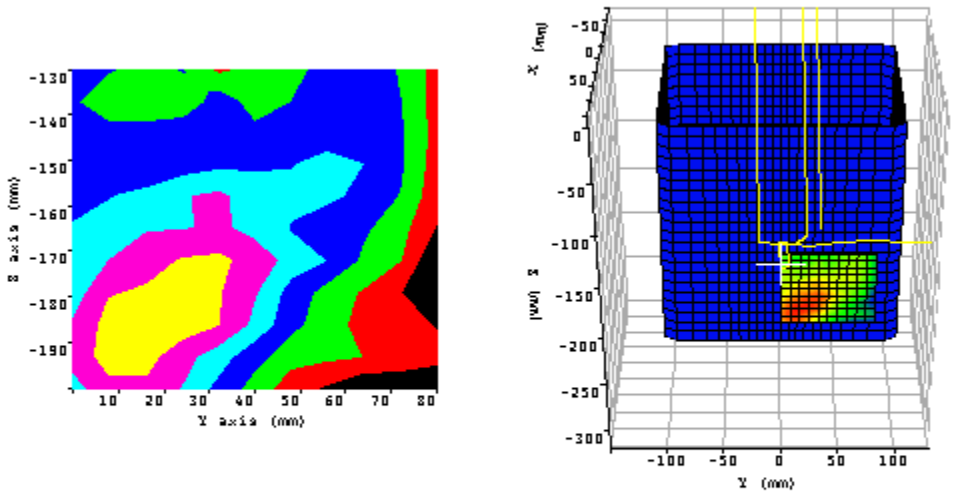


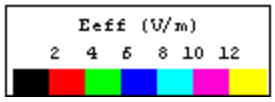




Plot 11.	
Date:	8/30/2002
Temperature Air / Liquid:	21.5°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Fujitsu Lifebook
Position:	Antenna Horizontal 2.5cm bystander
Channel:	661
Maximum 1 gram SAR:	0.025 W/Kg
Maximum 10 gram SAR:	0.012 W/Kg
Power reference start:	0.00 W/Kg
Power reference end	0.00 W/Kg
Power reference change	0.0%

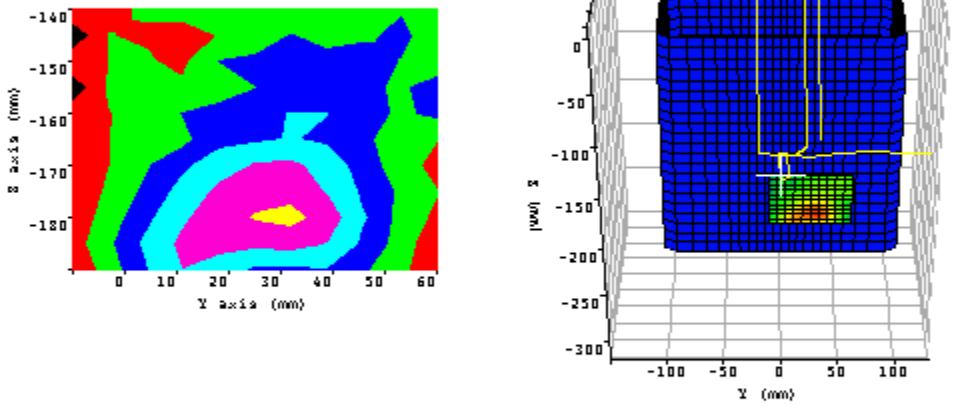
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.

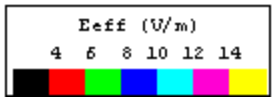




Plot 12.	
Date:	8/30/2002
Temperature Air / Liquid:	21.5°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Fujitsu Lifebook
Position:	Laptop against phantom antenna away
Channel:	661
Maximum 1 gram SAR:	0.456 W/Kg
Maximum 10 gram SAR:	0.280 W/Kg
Power reference start:	0.144 W/Kg
Power reference end	0.141 W/Kg
Power reference change	-2.12%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.





Plot 13.	
Date:	8/30/2002
Temperature Air / Liquid:	21.5°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	8
Probe factors (ConvF):	X=0.646, Y=0.950, Z=0.583
Laptop PC	Fujitsu Lifebook
Position:	Laptop against phantom antenna parallel
Channel:	661
Maximum 1 gram SAR:	0.460 W/Kg
Maximum 10 gram SAR:	0.255 W/Kg
Power reference start:	0.160 W/Kg
Power reference end	0.156 W/Kg
Power reference change	-2.58%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 7.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.