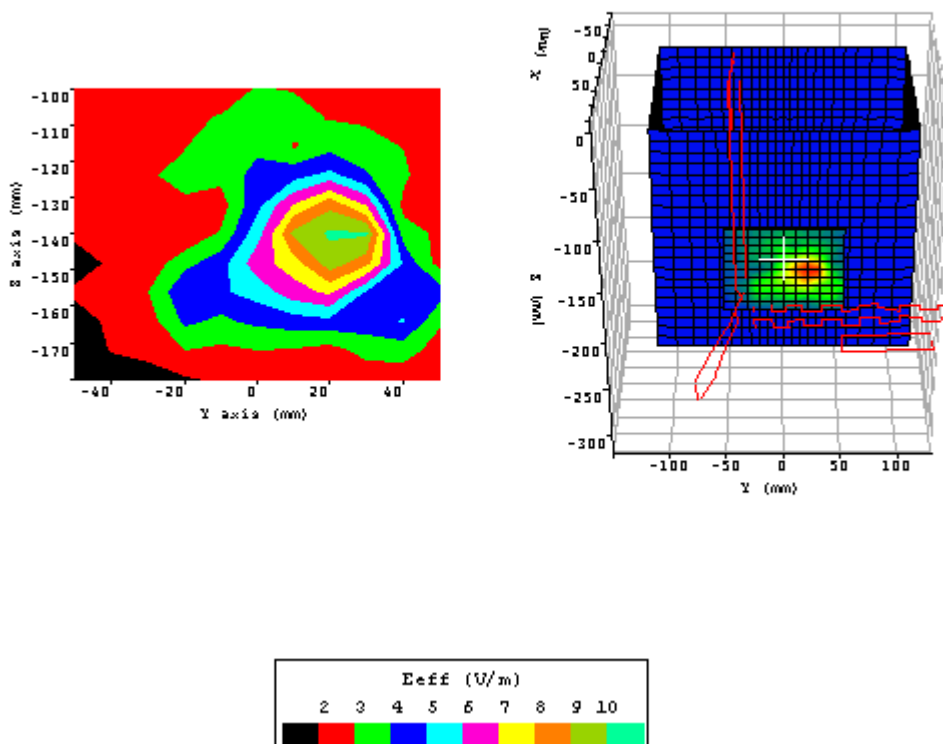


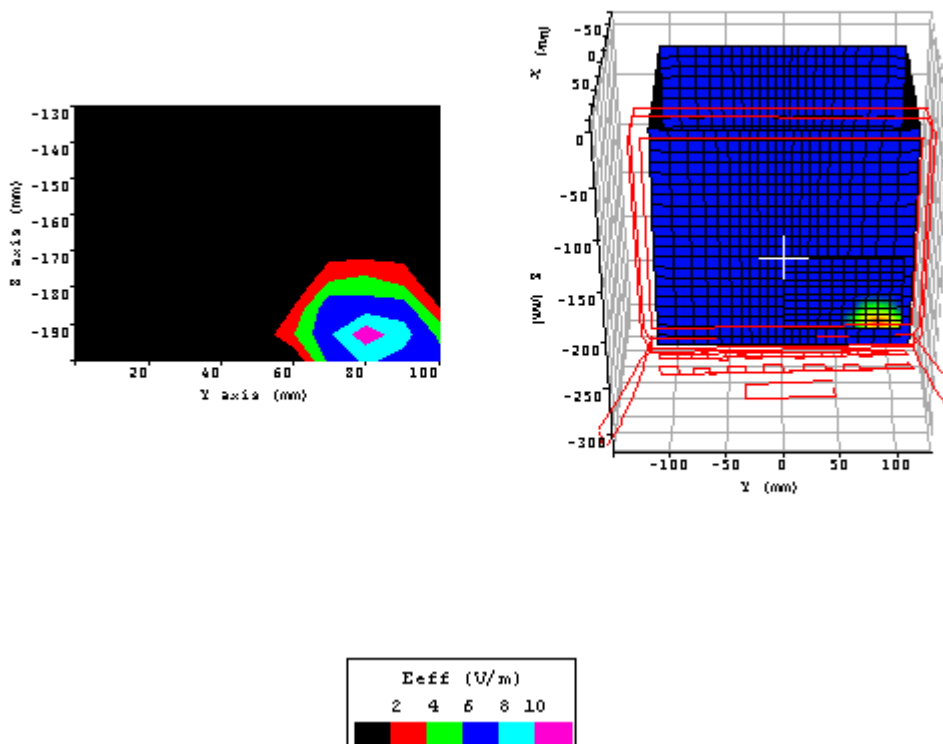
## Appendix A: Measurement Plots



| Plot 1.                                     |                     |                  |
|---|---------------------|------------------|
| Date:                                       | 01/02/2003          |                  |
| Temperature Air / Liquid:                   | 22.1°C / 22.0°C     |                  |
| Liquid mass density ( $\rho$ ):             | 1                   |                  |
| DCP <sup>1</sup>                            | 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:     | $\epsilon_r$ :52.29 | $\sigma$ : 1.966 |
| Position                                    | Rear bystander      |                  |
| Transmit Antenna                            | Left                |                  |
| Channel / Frequency                         | 6 / 2437 MHz        |                  |
| Maximum 1 gram SAR:                         | 0.607W/Kg           |                  |
| Maximum 10 gram SAR:                        | 0.245W/Kg           |                  |
| Power reference start:                      | 0.091W/Kg           |                  |
| Power reference end                         | 0.091W/Kg           |                  |
| Power reference change <sup>2</sup>         | -0.00%              |                  |

<sup>1</sup> 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.

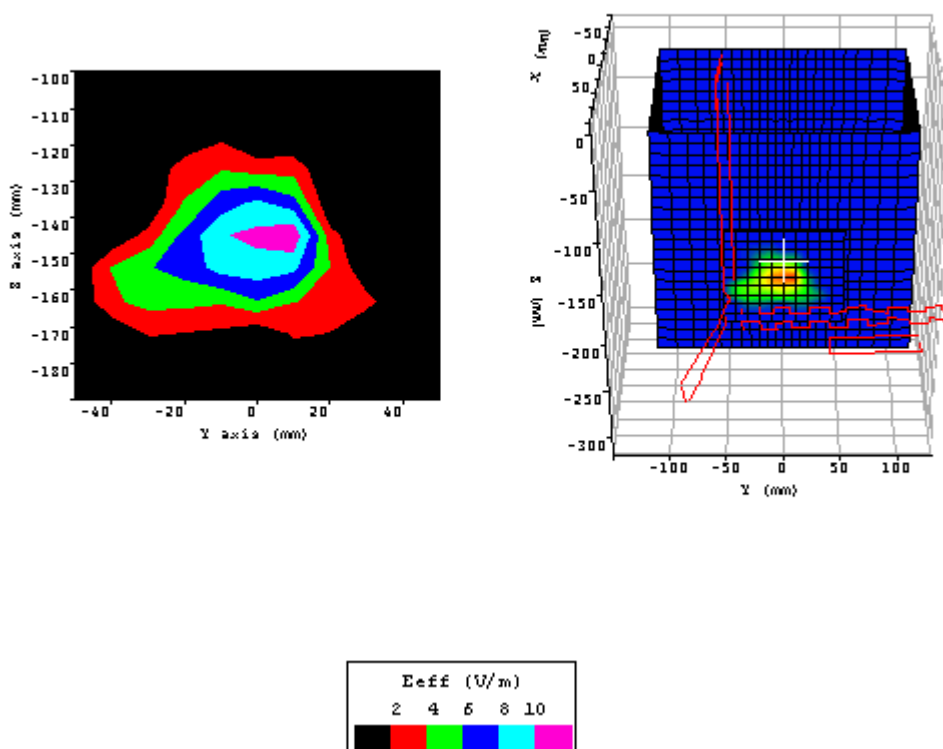
<sup>2</sup> The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



| Plot 2.                                     |                     |                  |
|---|---------------------|------------------|
| Date:                                       | 01/02/2003          |                  |
| Temperature Air / Liquid:                   | 22.1°C / 22.0°C     |                  |
| Liquid mass density ( $\rho$ ):             | 1                   |                  |
| DCP <sup>1</sup>                            | 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:     | $\epsilon_r$ :52.29 | $\sigma$ : 1.966 |
| Position                                    | Rear bystander      |                  |
| Transmit Antenna                            | Right               |                  |
| Channel / Frequency                         | 6 / 2437 MHz        |                  |
| Maximum 1 gram SAR:                         | 0.359W/Kg           |                  |
| Maximum 10 gram SAR:                        | 0.133W/Kg           |                  |
| Power reference start:                      | 0.027W/Kg           |                  |
| Power reference end                         | 0.027W/Kg           |                  |
| Power reference change <sup>2</sup>         | -0.00%              |                  |

<sup>1</sup> 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.

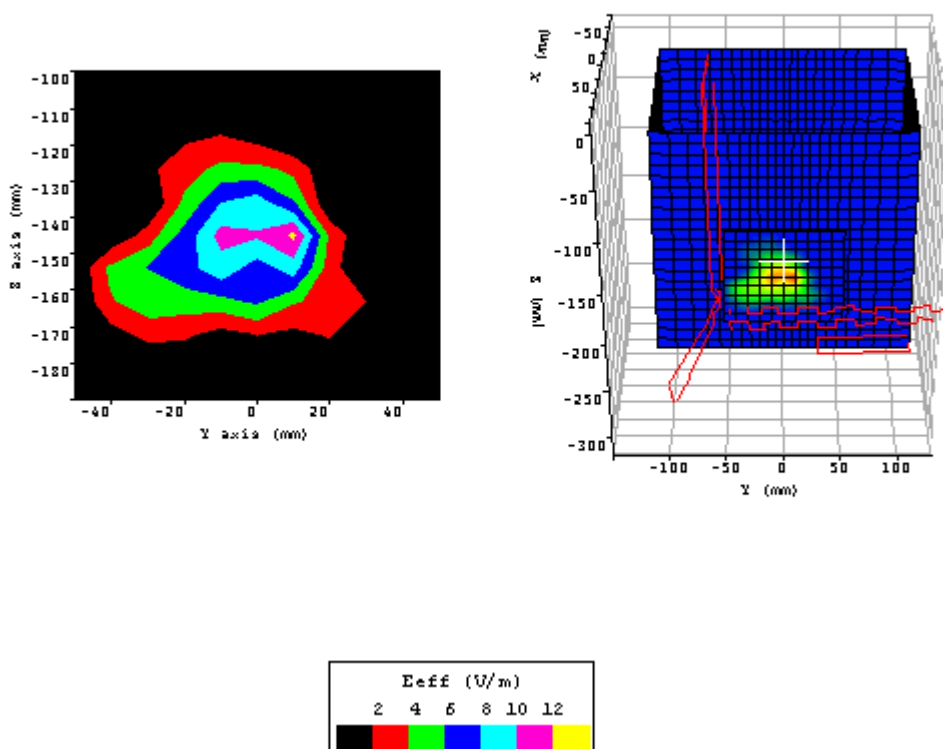
<sup>2</sup> The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



| Plot 3.                                     |                                      |
|---|--------------------------------------|
| Date:                                       | 01/02/2003                           |
| Temperature Air / Liquid:                   | 22.1°C / 22.0°C                      |
| Liquid mass density ( $\rho$ ):             | 1                                    |
| DCP <sup>1</sup>                            | 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:     | $\epsilon_r$ :52.35 $\sigma$ : 1.962 |
| Position                                    | Rear bystander                       |
| Transmit Antenna                            | Left                                 |
| Channel / Frequency                         | 1 / 2412 MHz                         |
| Maximum 1 gram SAR:                         | 0.434W/Kg                            |
| Maximum 10 gram SAR:                        | 0.167W/Kg                            |
| Power reference start:                      | 0.044W/Kg                            |
| Power reference end                         | 0.044W/Kg                            |
| Power reference change <sup>2</sup>         | -0.00%                               |

<sup>1</sup> 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.

<sup>2</sup> 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:                                       | 01/02/2003          |                  |
| Temperature Air / Liquid:                   | 22.1°C / 22.0°C     |                  |
| Liquid mass density ( $\rho$ ):             | 1                   |                  |
| DCP <sup>1</sup>                            | 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:     | $\epsilon_r$ :52.09 | $\sigma$ : 1.997 |
| Position                                    | Rear bystander      |                  |
| Transmit Antenna                            | Left                |                  |
| Channel / Frequency                         | 11 / 2462 MHz       |                  |
| Maximum 1 gram SAR:                         | 0.466W/Kg           |                  |
| Maximum 10 gram SAR:                        | 0.194W/Kg           |                  |
| Power reference start:                      | 0.054W/Kg           |                  |
| Power reference end                         | 0.056W/Kg           |                  |
| Power reference change <sup>2</sup>         | 3.85%               |                  |

<sup>1</sup> 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.

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