

Date of Report: 10/13/2003

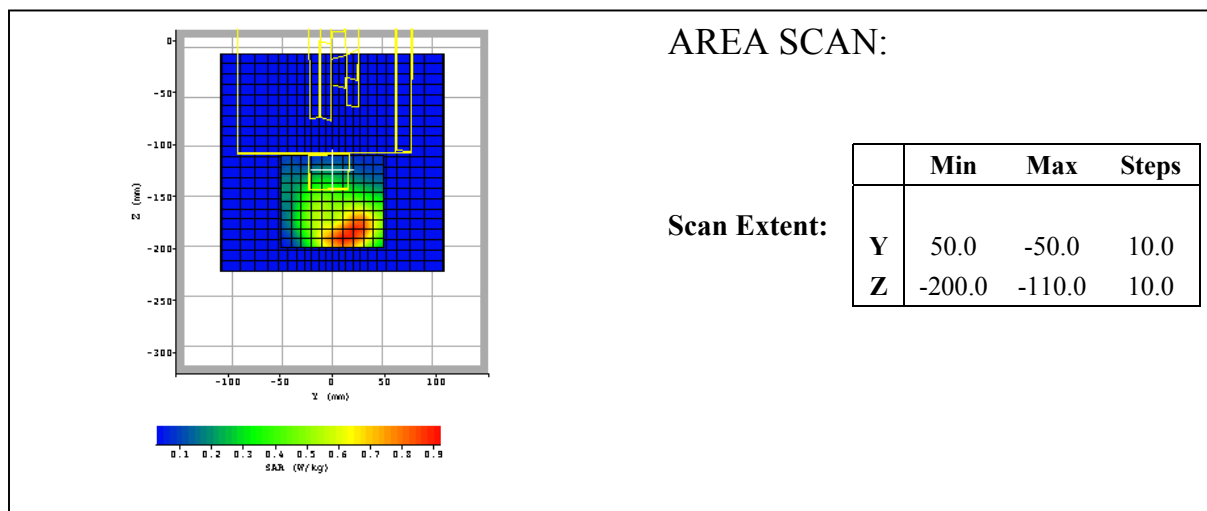
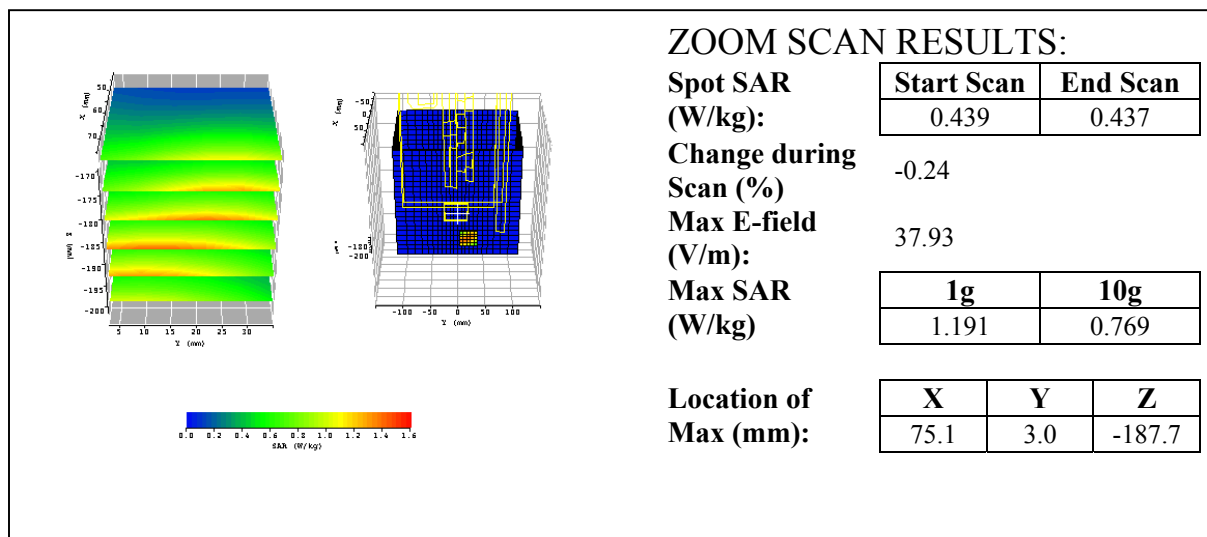
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 3:38:14 PM      | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                         |                 |          |          |          |
|-------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>           | 0106            |          |          |          |
| <b>Cal File:</b>        | 106_835_BODY_28 |          |          |          |
| <b>Cal<br/>Factors:</b> |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                         | <b>Air</b>      | 415      | 805      | 371      |
|                         | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                         | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp<br/>Gain:</b>    | 2               |          |          |          |
| <b>Averagi<br/>ng:</b>  | 6               |          |          |          |
| <b>Batteries</b>        |                 |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 4:17:41 PM      | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | perpendicular to phantom  | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |

Two 3D SAR plots are shown. The left plot is a cross-section of a head model, showing SAR values ranging from 0.00 to 0.40 W/kg. The right plot is a 3D view of the head model, showing SAR values ranging from 0.00 to 0.40 W/kg. The color scale at the bottom indicates SAR values from 0.00 to 0.40 W/kg.

## ZOOM SCAN RESULTS:

**Spot SAR**

**(W/kg):**

**Start Scan**

0.138

**End Scan**

0.138

**Change during**

0.25

**Scan (%)**

**Max E-field**

19.75

**(V/m):**

**Max SAR**

**1g**

**10g**

**(W/kg)**

0.333

0.221

**Location of**

**Max (mm):**

**X**

**Y**

**Z**

75.1

-3.0

-164.7

The figure is a 2D SAR plot showing SAR distribution over a grid. The color scale ranges from 0.050 to 0.250 W/kg. The plot shows a high SAR region (red/orange) centered around (0, -150) mm, with a yellow box indicating the scan extent. The axes are labeled Z (mm) and Y (mm).

AREA SCAN:

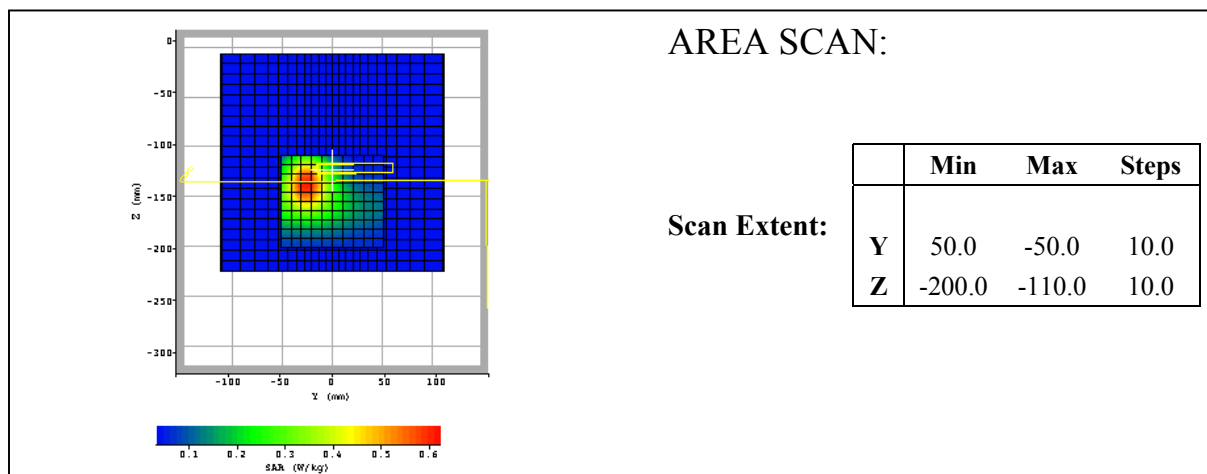
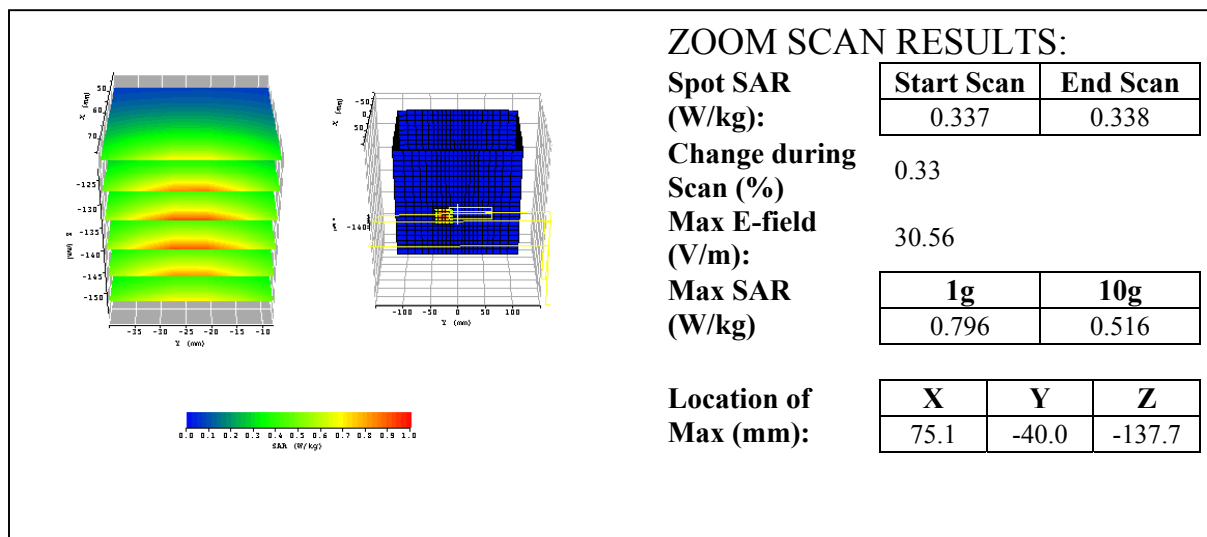
Scan Extent:

|   | Min    | Max    | Steps |
|---|--------|--------|-------|
| Y | 50.0   | -50.0  | 10.0  |
| Z | -200.0 | -110.0 | 10.0  |

|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 5:10:20 PM       | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

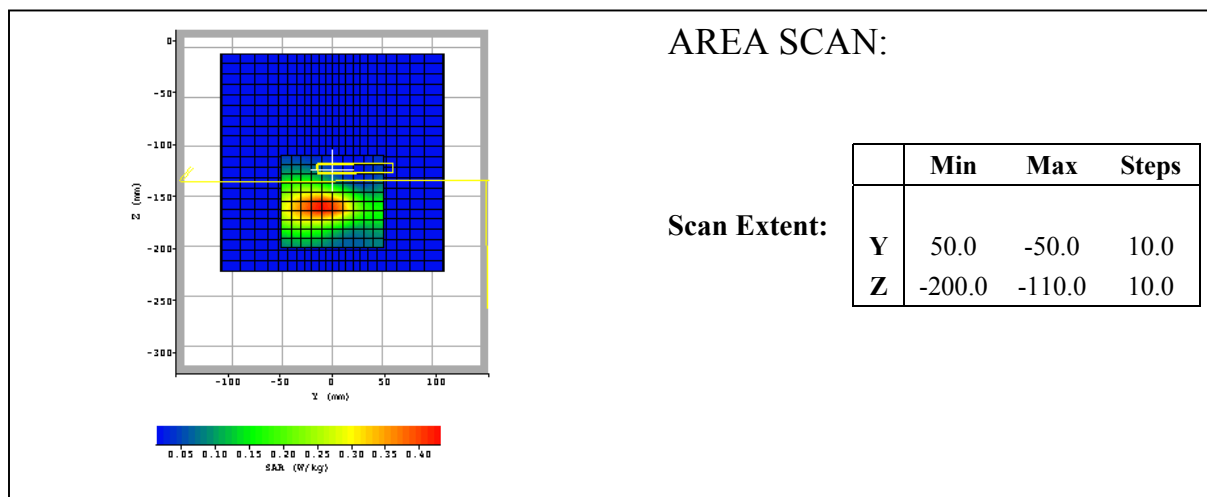
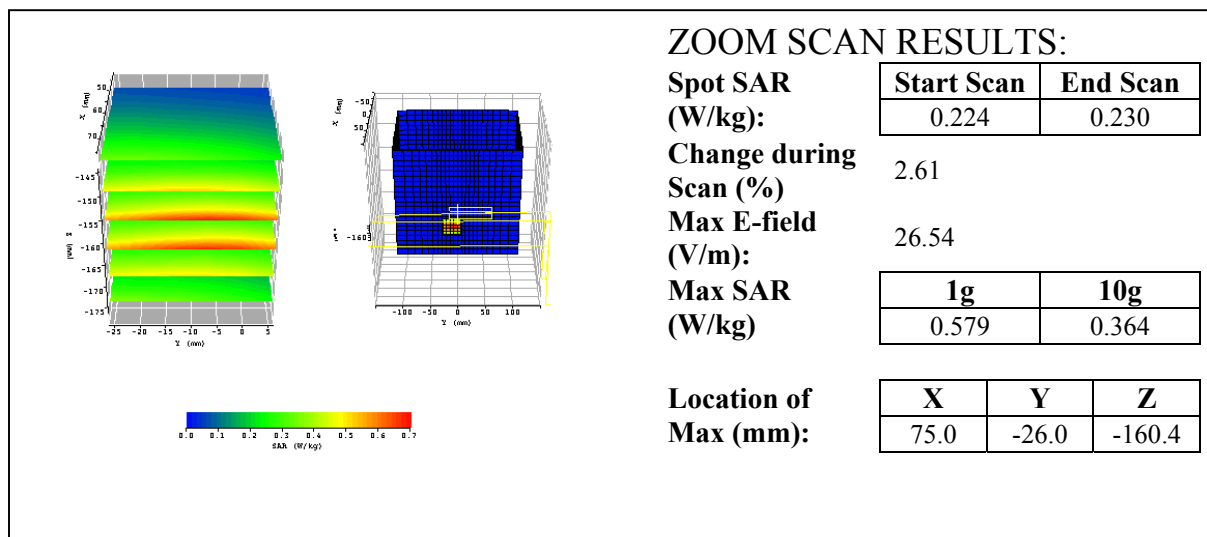
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 4:44:57 PM       | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | horizontal                 | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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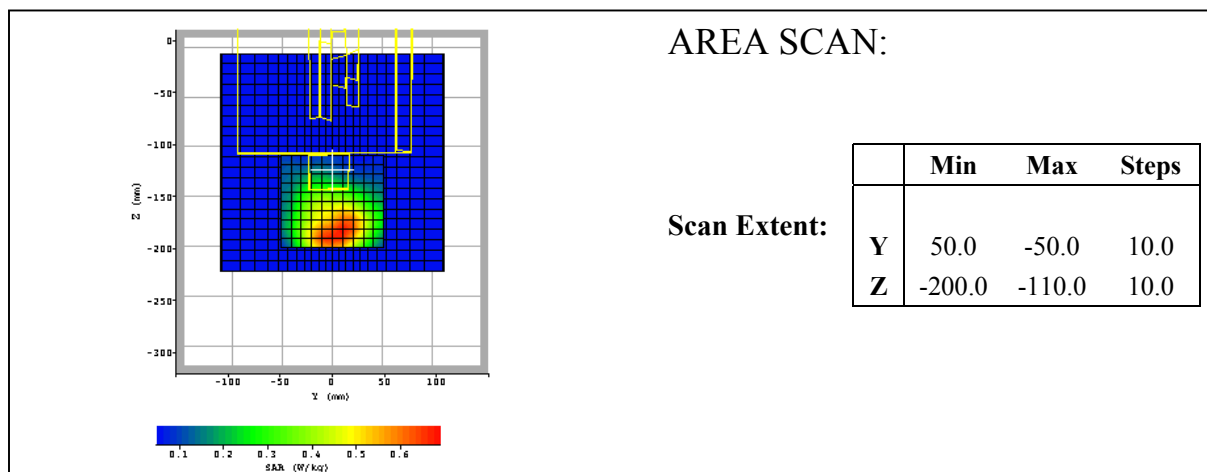
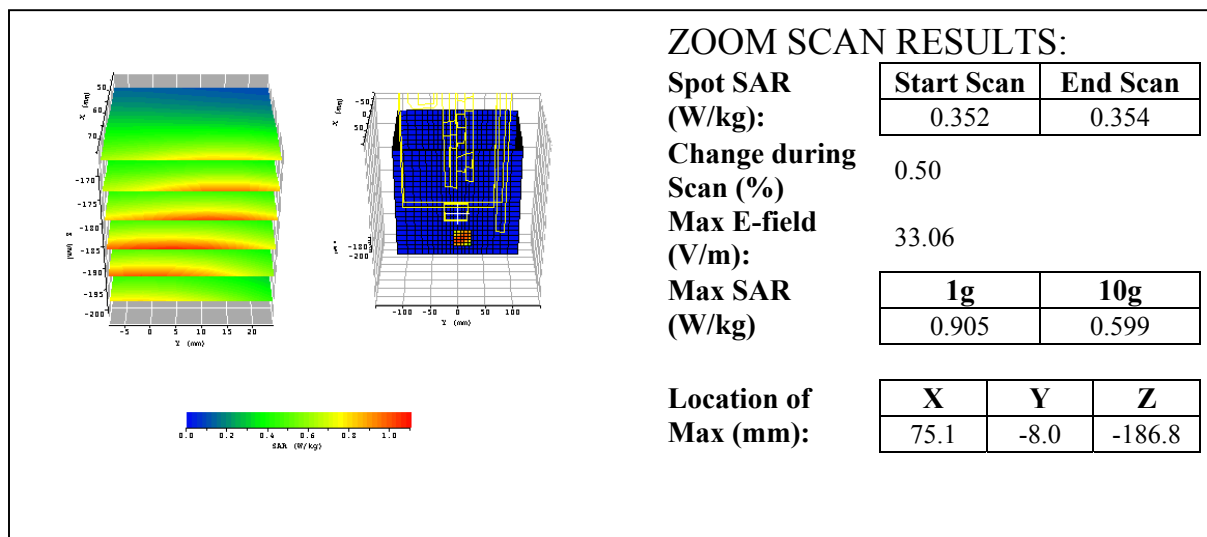
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 9:46:13 AM      | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 824.2                 |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.977 |
| <b>Relative Permittivity:</b> | 56.2  |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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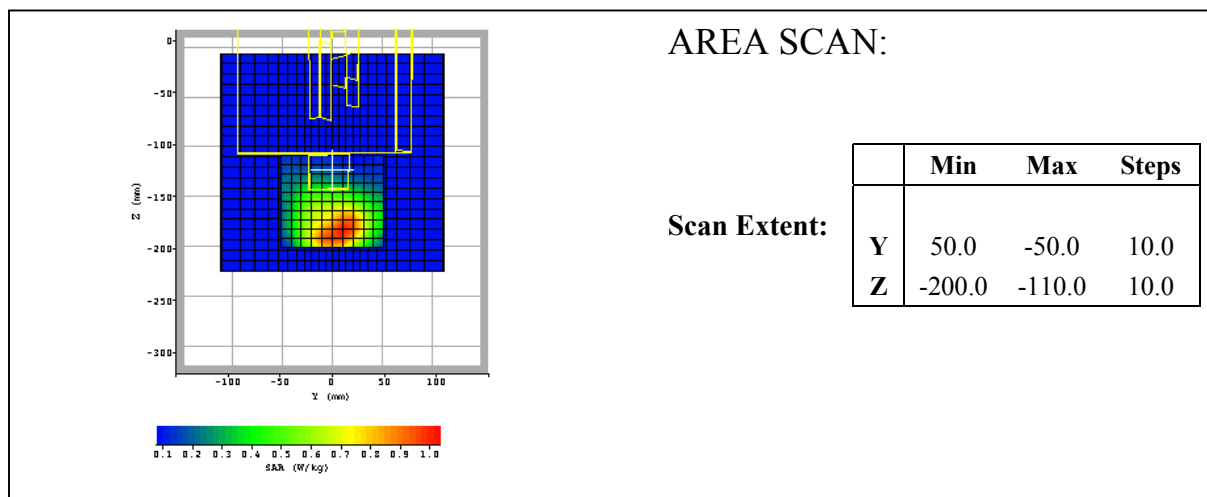
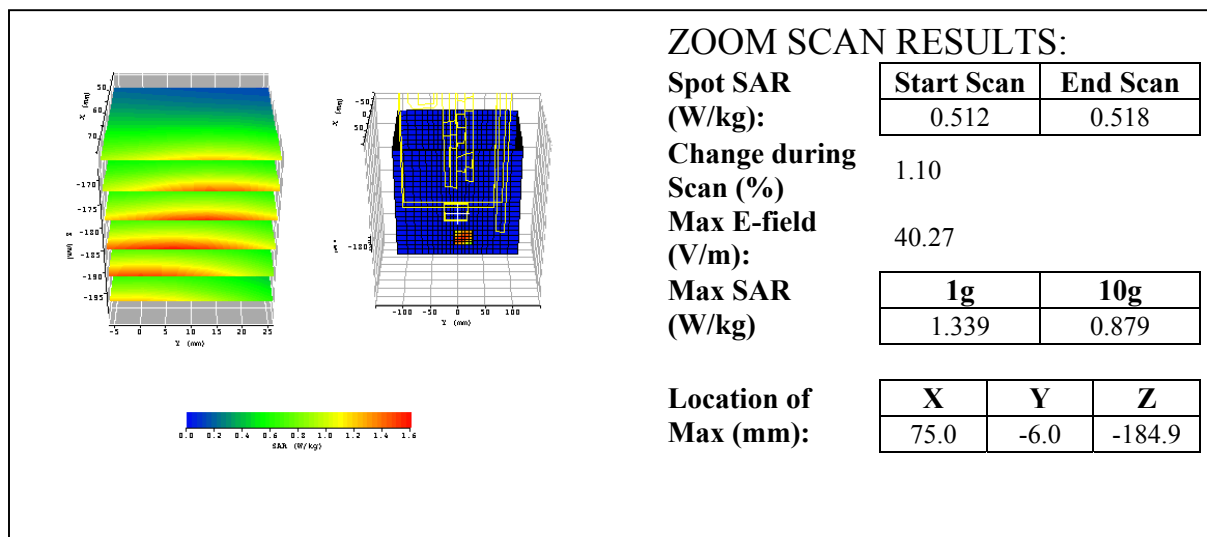
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 10:15:43 AM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 848.8                 |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.992 |
| <b>Relative Permittivity:</b> | 55.33 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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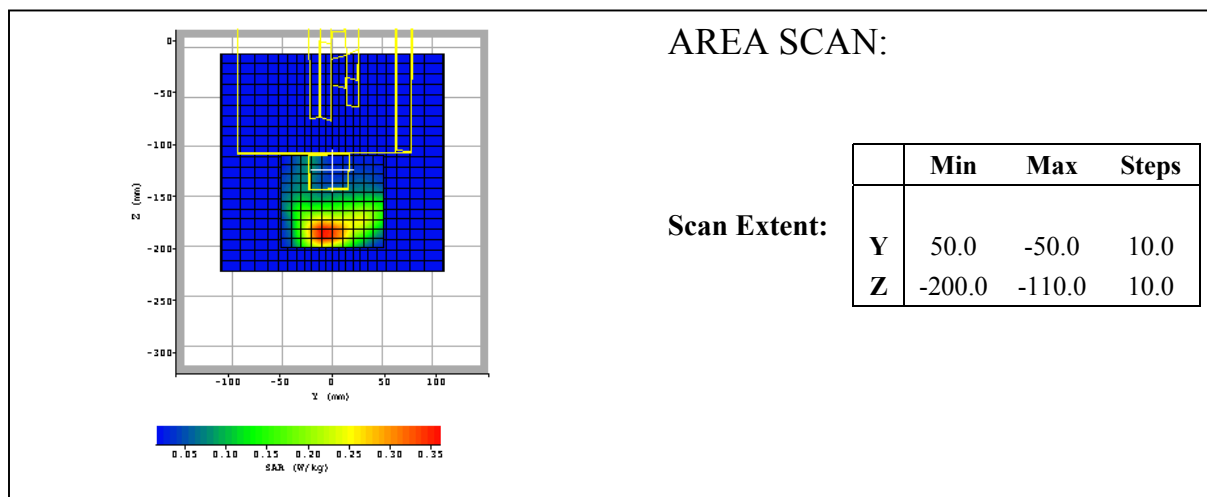
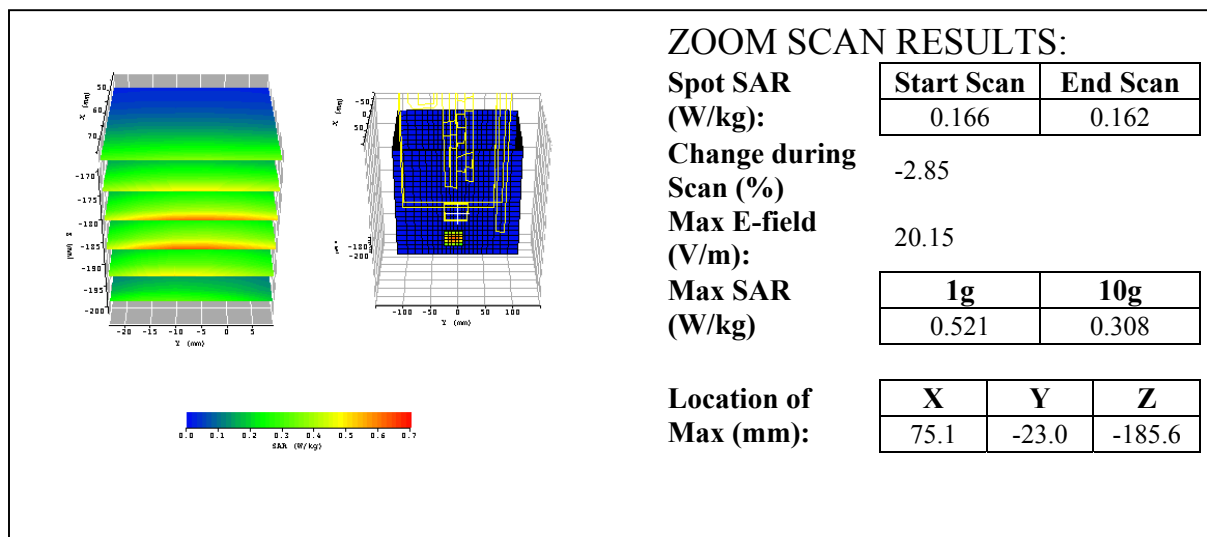
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 11:08:03 AM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

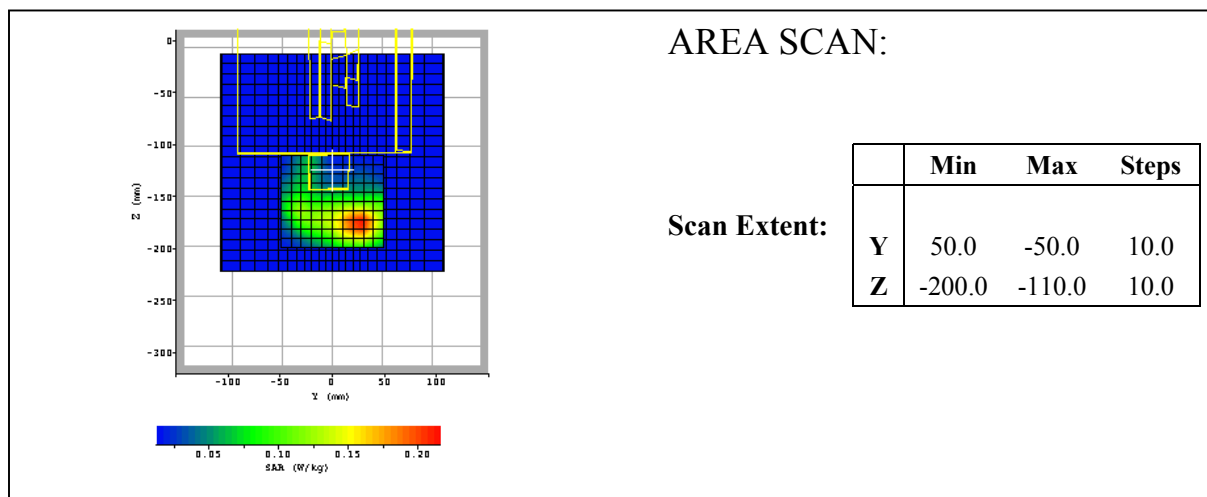
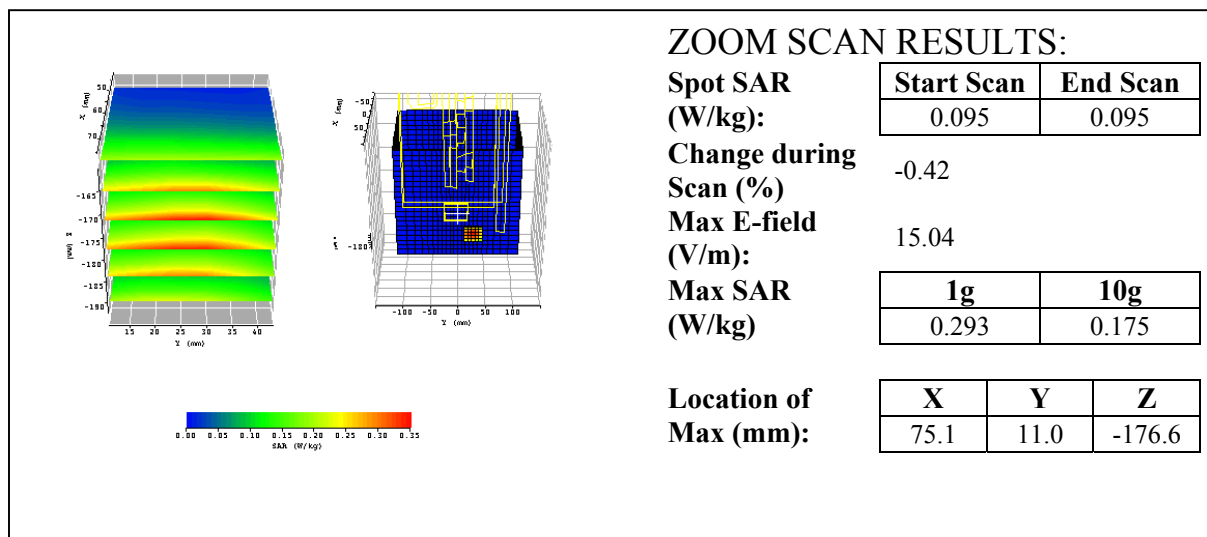
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 11:33:09 AM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | perpendicular to phantom  | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

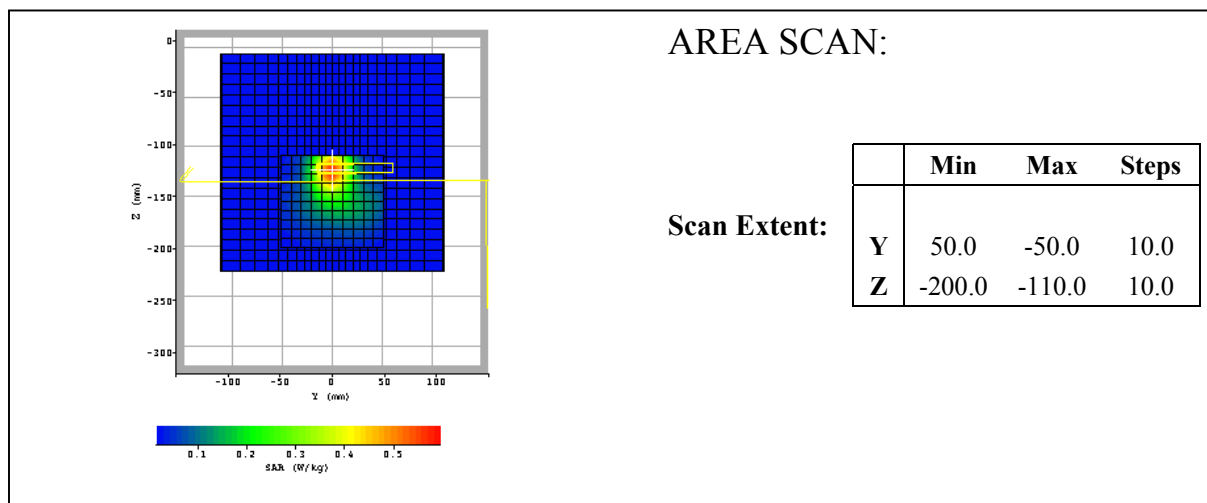
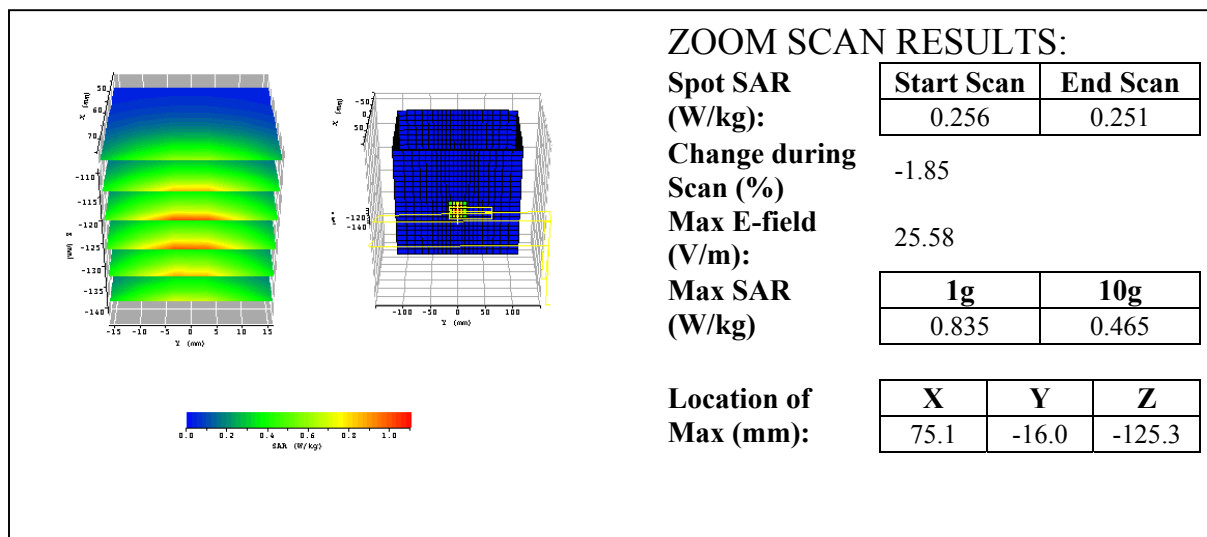
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 11:59:59 AM      | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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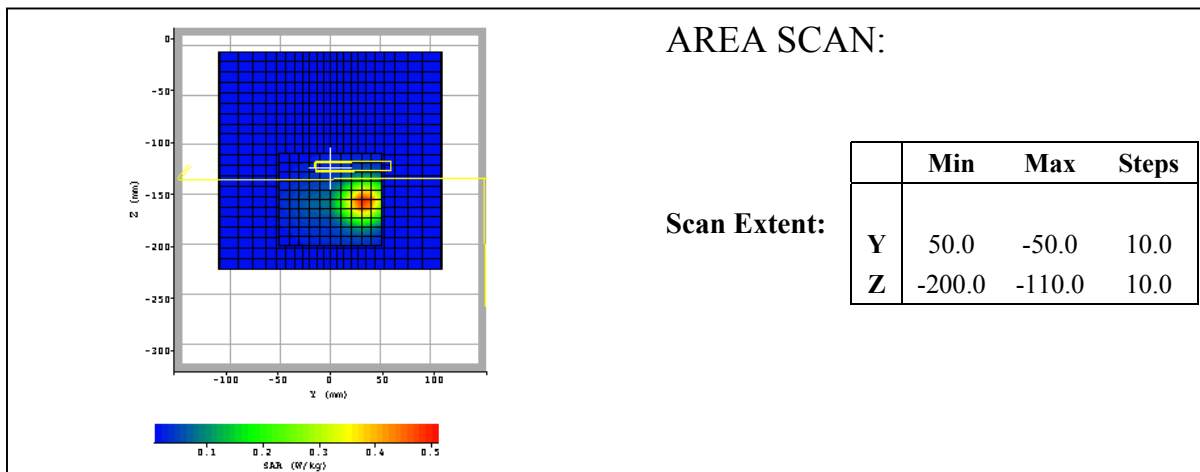
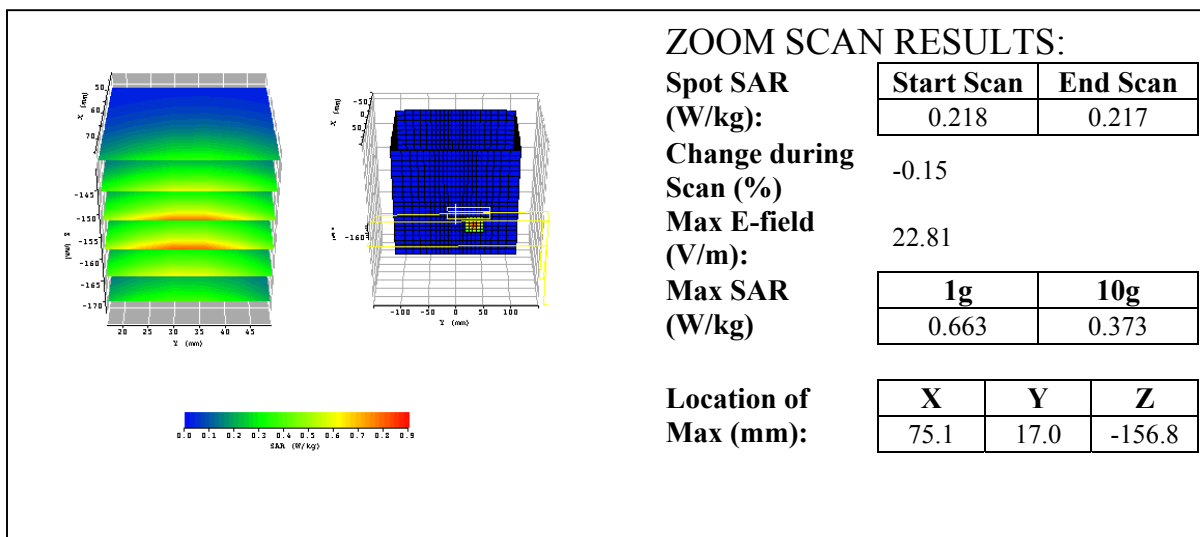
## Appendix A Plots

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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 12:25:03 PM      | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | horizontal                 | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



Date of Report: 10/13/2003

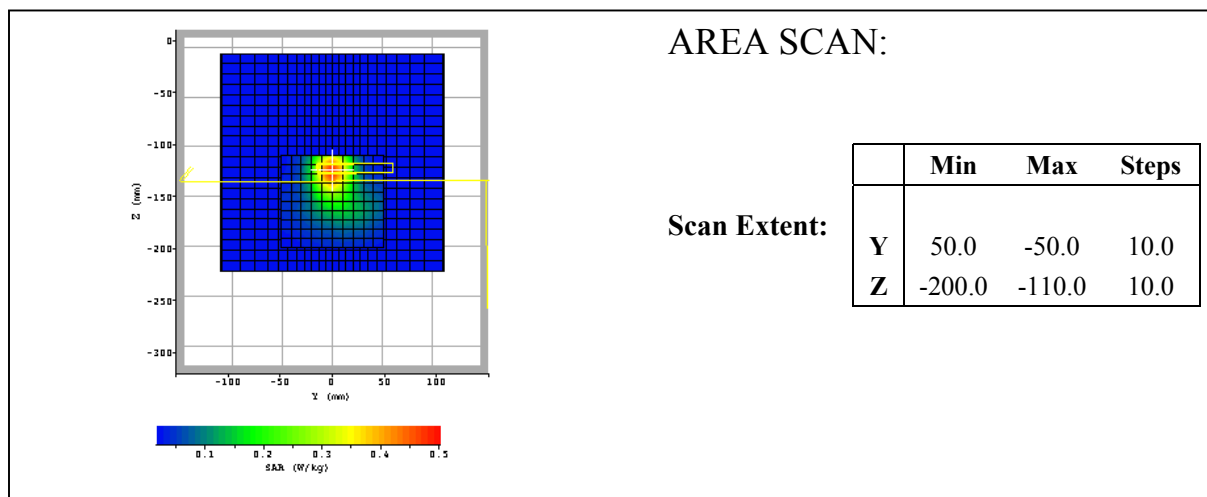
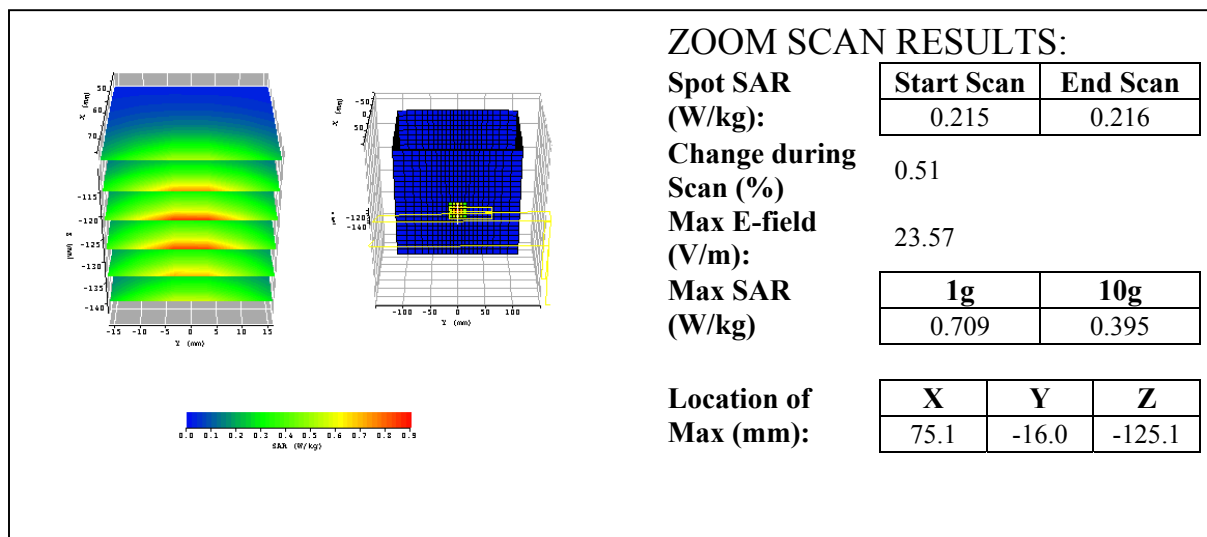
## Appendix A Plots

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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 12:58:01 PM      | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1850.2                |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

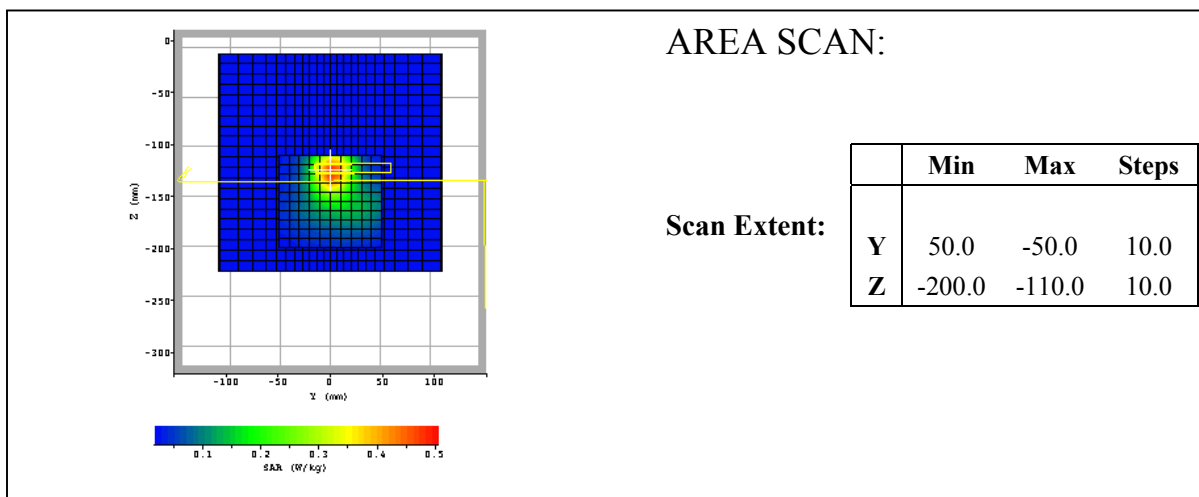
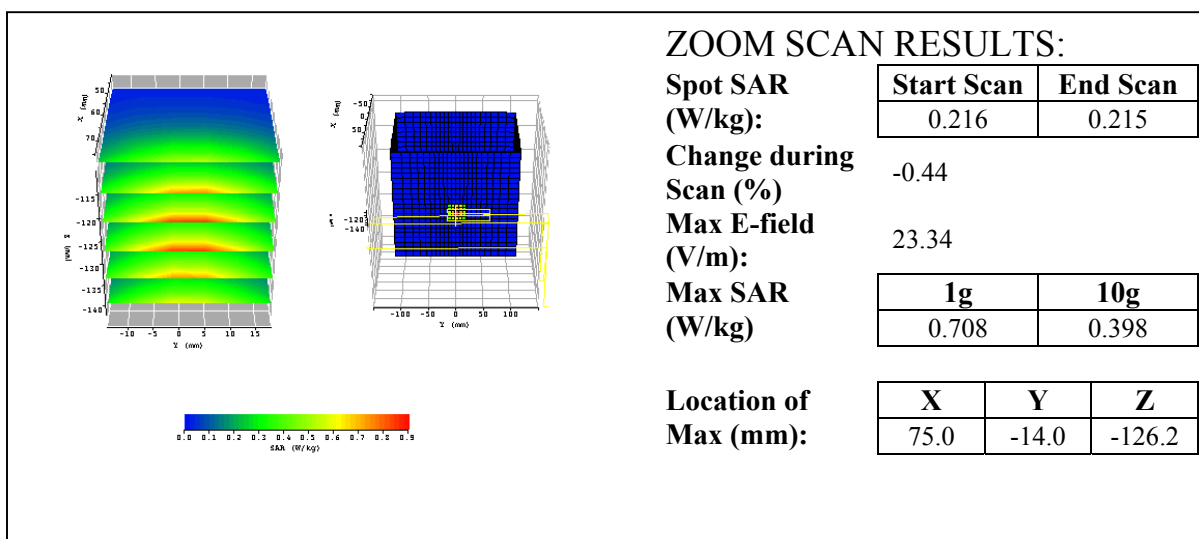
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.539 |
| <b>Relative Permittivity:</b> | 53.42 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/9/2003 1:25:31 PM       | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1909.8                |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.551 |
| <b>Relative Permittivity:</b> | 53.02 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/7/2003 1:49:51 PM      | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel                  | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |

The figure displays two 3D SAR plots and a color bar. The left plot shows a color-coded SAR distribution on a rectangular grid. The right plot shows a 3D wireframe model of a head phantom with SAR values mapped onto its surface. A color bar at the bottom indicates SAR values from 0.0 to 1.4 W/kg.

## ZOOM SCAN RESULTS:

**Spot SAR**

**(W/kg):**

**Change during  
Scan (%)**

**Max E-field**

**(V/m):**

**Max SAR**

**(W/kg)**

**Location of**

**Max (mm):**

| Start Scan | End Scan |
|------------|----------|
| 0.549      | 0.571    |

| 1g    | 10g   |
|-------|-------|
| 1.187 | 0.837 |

| X    | Y    | Z      |
|------|------|--------|
| 75.0 | 14.0 | -155.0 |

Y (mm)

X (mm)

SAR (W/kg)

0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9

AREA SCAN:

Scan Extent:

|   | Min    | Max    | Steps |
|---|--------|--------|-------|
| Y | 50.0   | -50.0  | 10.0  |
| Z | -200.0 | -110.0 | 10.0  |

Date of Report: 10/13/2003

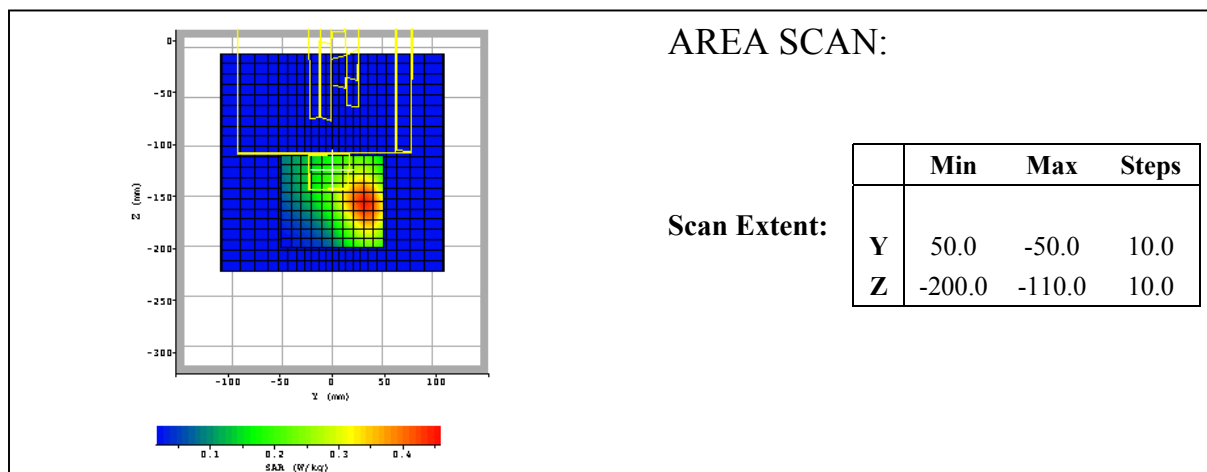
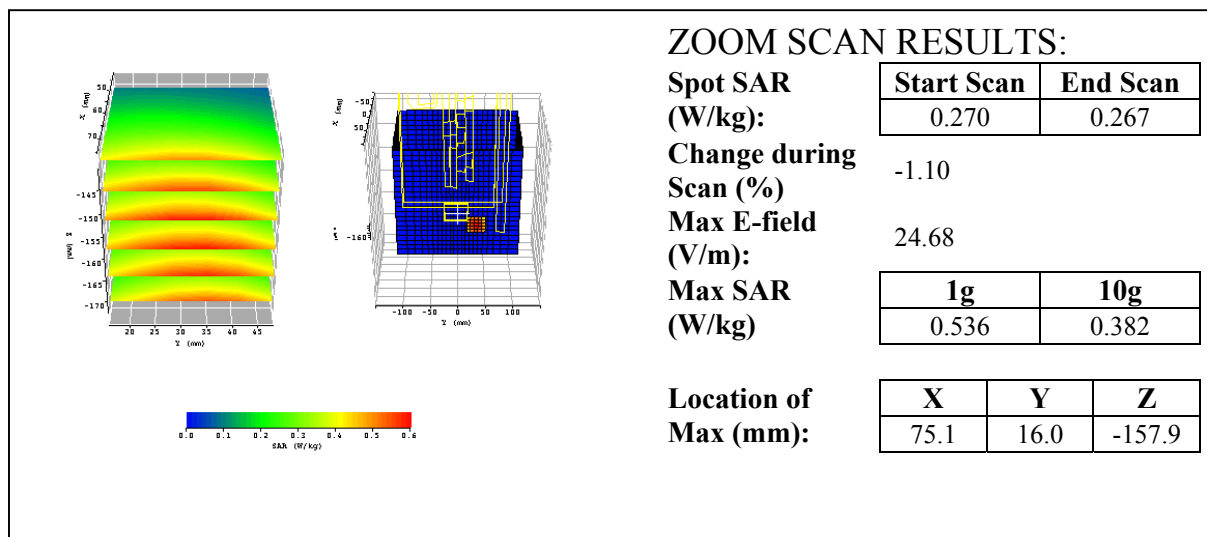
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/7/2003 2:16:14 PM      | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | perpendicular             | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

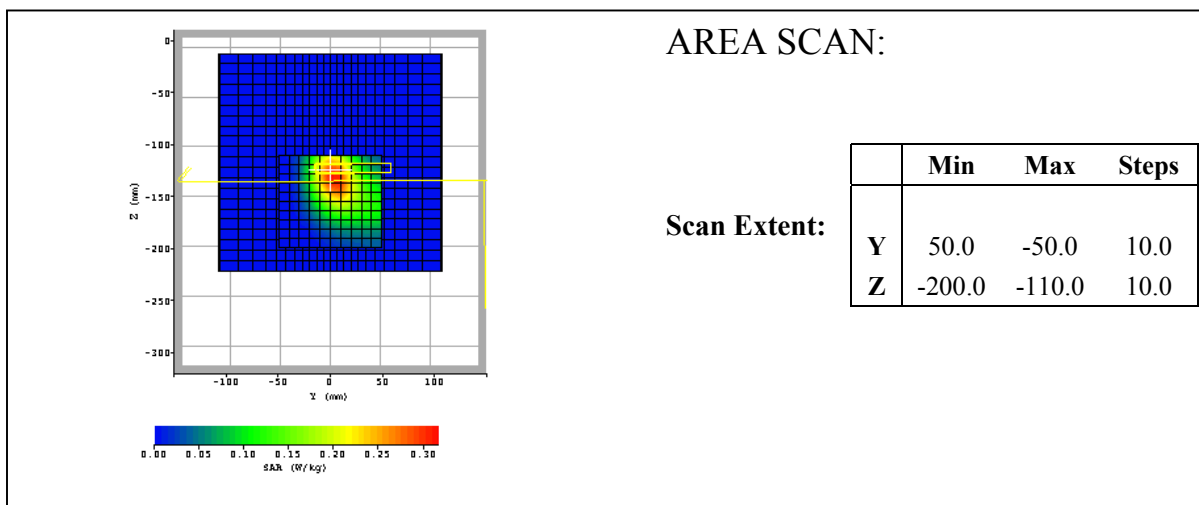
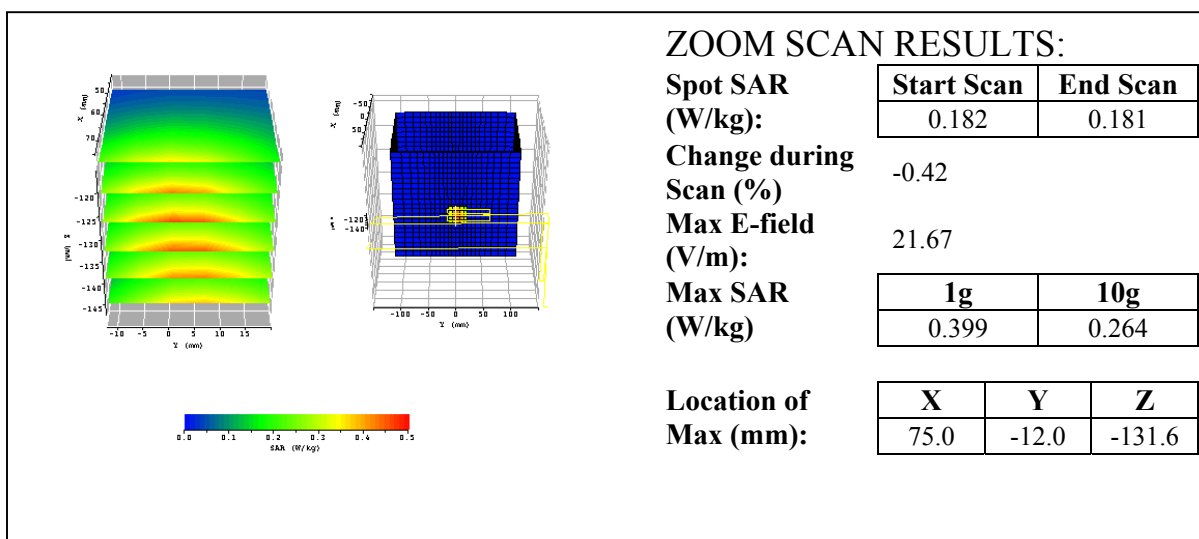
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/7/2003 3:09:28 PM       | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

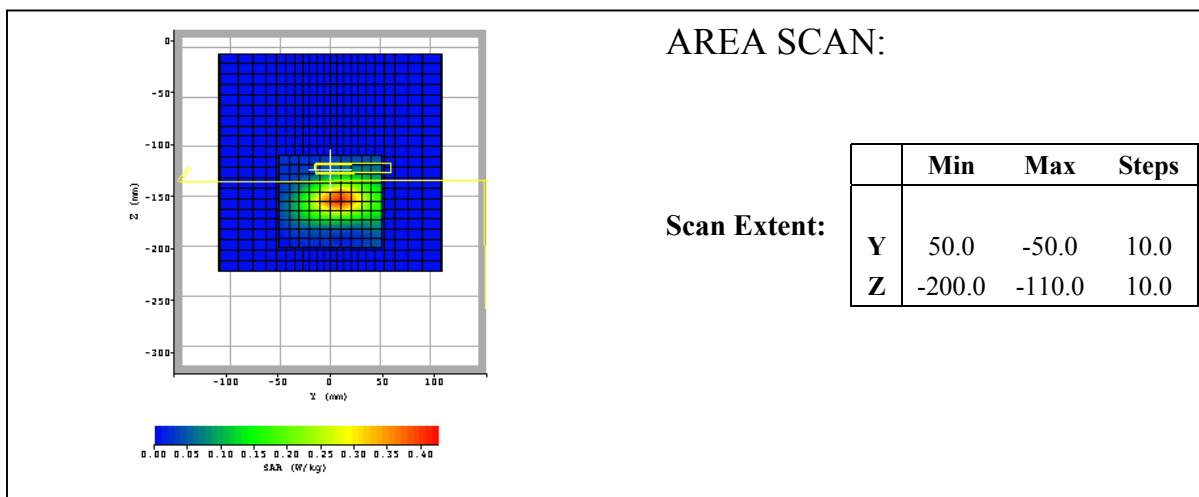
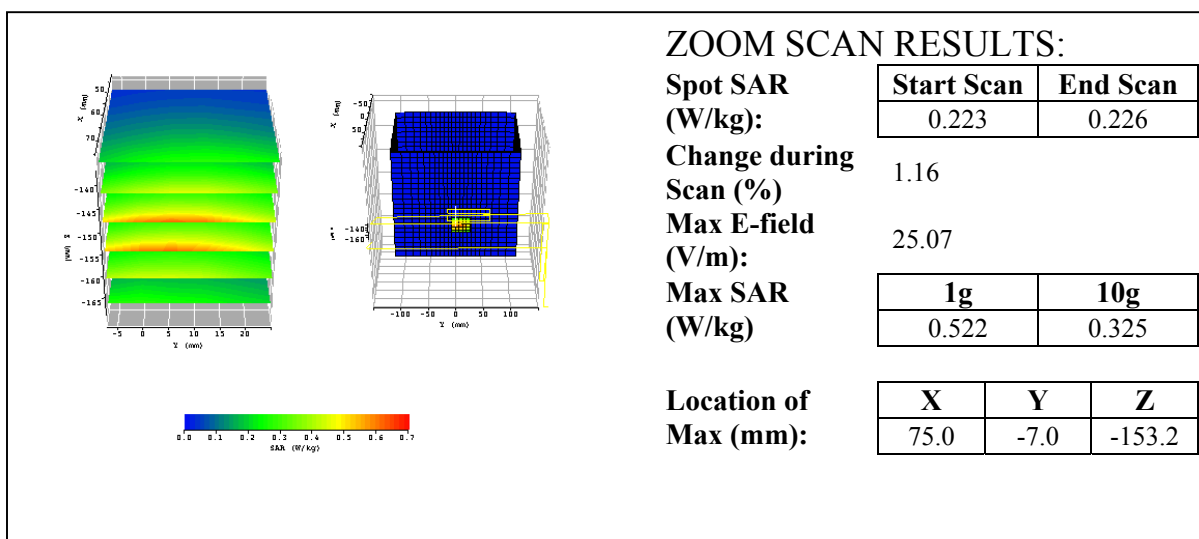
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/7/2003 2:43:13 PM       | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | horizontal                 | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.983 |
| <b>Relative Permittivity:</b> | 55.62 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



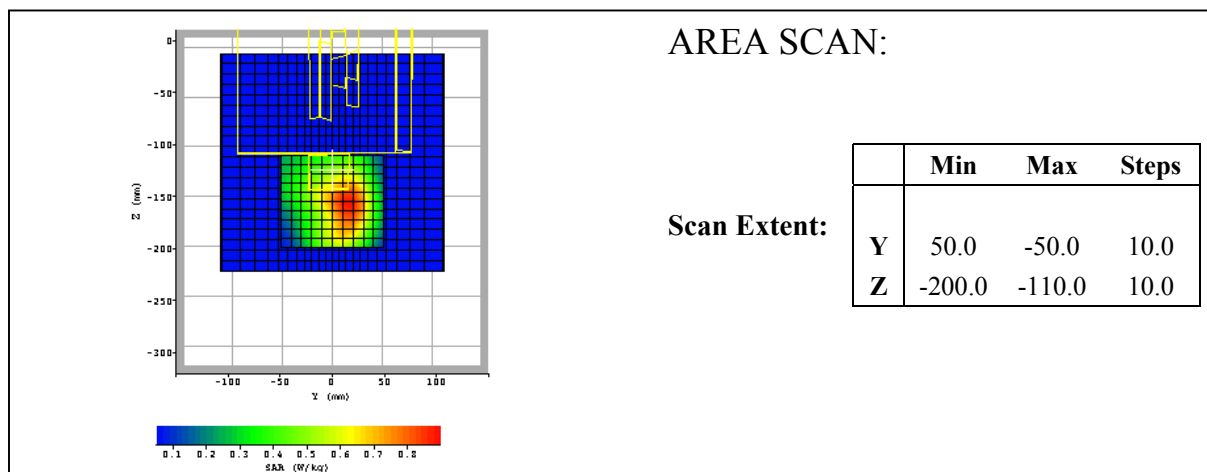
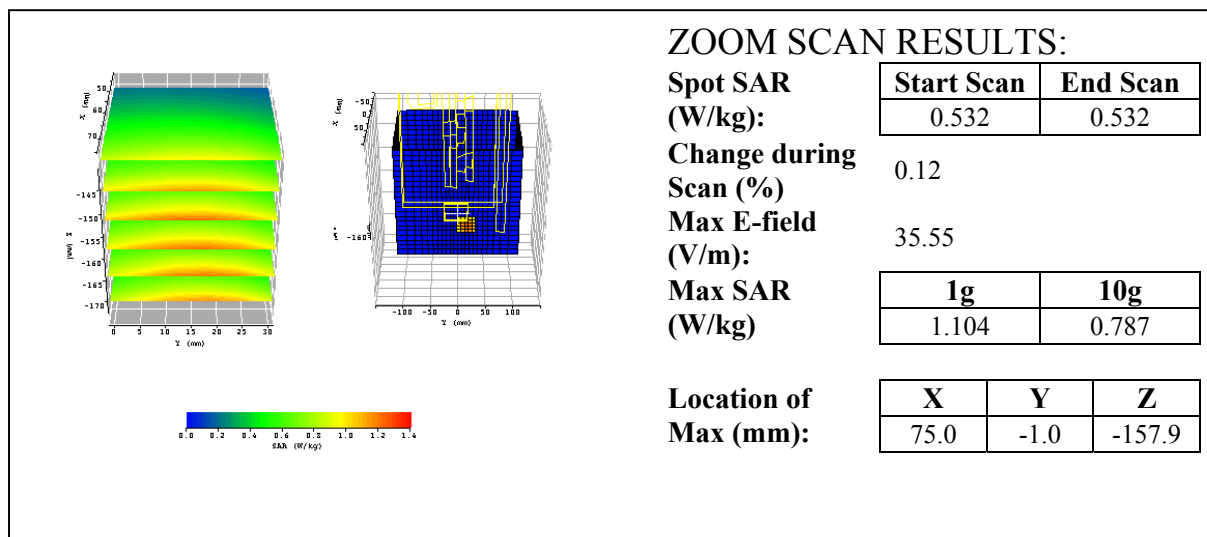
Date of Report: 10/13/2003

## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/7/2003 3:37:20 PM      | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel                  | <b>Test Frequency:</b> | 824.02                |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

| <b>Probe:</b>              | 0106                                                                                                                                                                                                                                                                                                       | <b>Liquid:</b>                | 850   |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|---|---|-----|-----|-----|-----|-----|-------|------|------|-----|-------|-------|-------|----------------------|-------|
| <b>Cal File:</b>           | 106_835_BODY_28                                                                                                                                                                                                                                                                                            | <b>Type:</b>                  | body  |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
| <b>Cal Factors:</b>        | <table border="1"> <thead> <tr> <th></th><th>X</th><th>Y</th><th>Z</th></tr> </thead> <tbody> <tr> <td>Air</td><td>415</td><td>805</td><td>371</td></tr> <tr> <td>DCP</td><td>12.81</td><td>5.68</td><td>11.4</td></tr> <tr> <td>Lin</td><td>0.357</td><td>0.357</td><td>0.357</td></tr> </tbody> </table> |                               | X     | Y | Z | Air | 415 | 805 | 371 | DCP | 12.81 | 5.68 | 11.4 | Lin | 0.357 | 0.357 | 0.357 | <b>Conductivity:</b> | 0.974 |
|                            | X                                                                                                                                                                                                                                                                                                          | Y                             | Z     |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
| Air                        | 415                                                                                                                                                                                                                                                                                                        | 805                           | 371   |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
| DCP                        | 12.81                                                                                                                                                                                                                                                                                                      | 5.68                          | 11.4  |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
| Lin                        | 0.357                                                                                                                                                                                                                                                                                                      | 0.357                         | 0.357 |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
| <b>Amp Gain:</b>           | 2                                                                                                                                                                                                                                                                                                          | <b>Relative Permittivity:</b> | 55.06 |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
| <b>Averaging:</b>          | 6                                                                                                                                                                                                                                                                                                          | <b>Liquid Temp (deg C):</b>   | 22.0  |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
| <b>Batteries Replaced:</b> | 10/03/2003                                                                                                                                                                                                                                                                                                 | <b>Ambient Temp (deg C):</b>  | 22.0  |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
|                            |                                                                                                                                                                                                                                                                                                            | <b>Ambient RH (%):</b>        | 50    |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
|                            |                                                                                                                                                                                                                                                                                                            | <b>Density (kg/m3):</b>       | 1000  |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |
|                            |                                                                                                                                                                                                                                                                                                            | <b>Software Version:</b>      | 0.420 |   |   |     |     |     |     |     |       |      |      |     |       |       |       |                      |       |



|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/7/2003 4:07:17 PM      | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel                  | <b>Test Frequency:</b> | 824.02                |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 2               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.979 |
| <b>Relative Permittivity:</b> | 55.44 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 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 0.0 to 1.4 W/kg. The right plot shows a 3D wireframe model of the device with SAR values mapped onto its surface. The color bar indicates SAR values from 0.0 to 1.4 W/kg, with a peak value of 1.4 W/kg. The 3D plot shows the SAR distribution on a rectangular prism with dimensions approximately 100 mm x 100 mm x 100 mm. The color bar is labeled 'SAR (W/kg)' and ranges from 0.0 to 1.4.

## ZOOM SCAN RESULTS:

**Spot SAR**

**(W/kg):**

**Start Scan**

0.525

**End Scan**

0.532

**Change during  
Scan (%)**

1.31

**Max E-field**

**(V/m):**

35.90

**Max SAR**

**(W/kg)**

**1g**

1.136

**10g**

0.805

**Location of**

**Max (mm):**

**X**

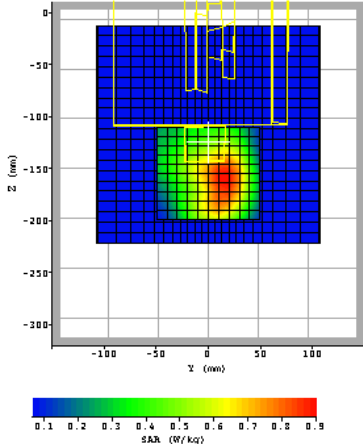
75.0

**Y**

0.0

**Z**

-160.6

|                                                                                     |                     |            |            |              |
|-------------------------------------------------------------------------------------|---------------------|------------|------------|--------------|
|  | <b>AREA SCAN:</b>   |            |            |              |
|                                                                                     | <b>Scan Extent:</b> | <b>Min</b> | <b>Max</b> | <b>Steps</b> |
|                                                                                     | <b>Y</b>            | 50.0       | -50.0      | 10.0         |
|                                                                                     | <b>Z</b>            | -200.0     | -110.0     | 10.0         |

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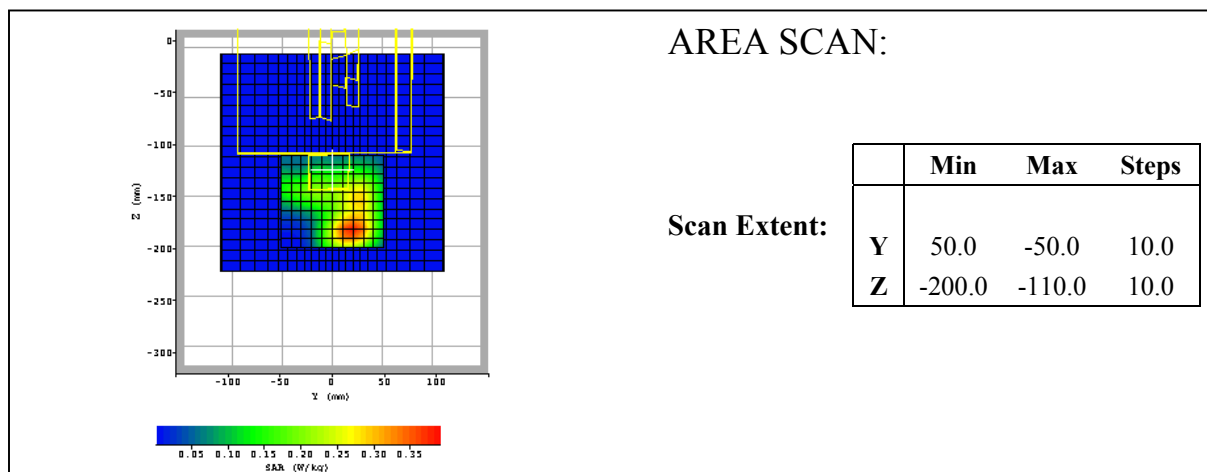
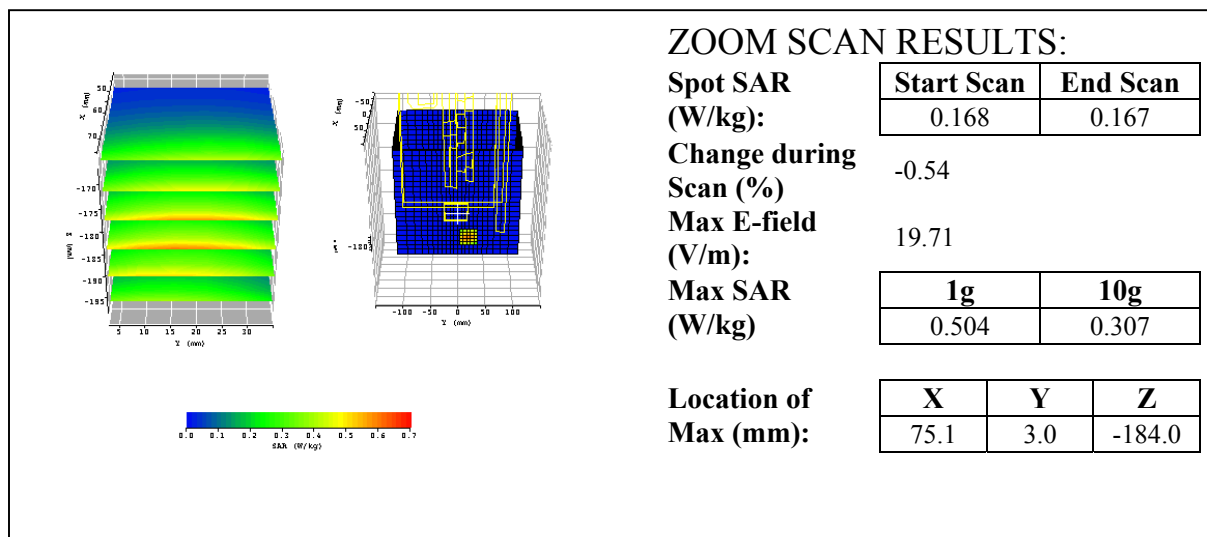
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 10:57:29 AM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel                  | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

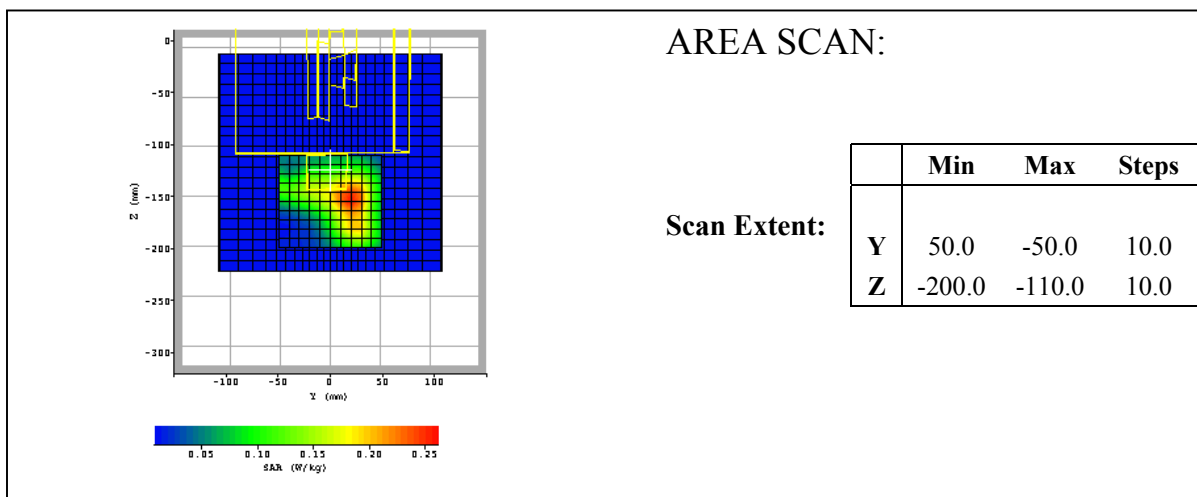
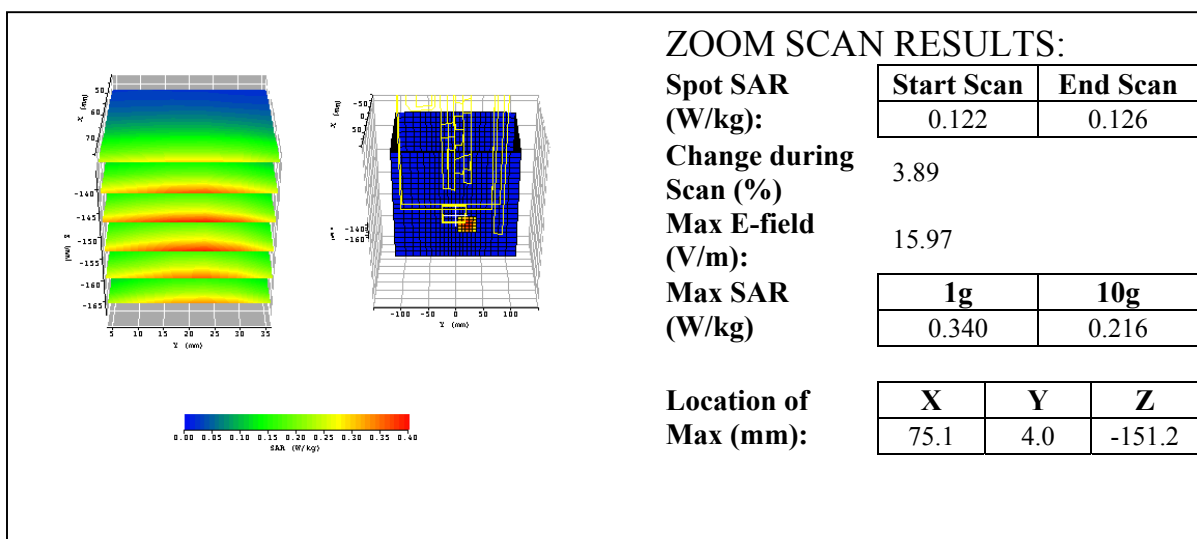
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 11:35:00 AM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | perpendicular             | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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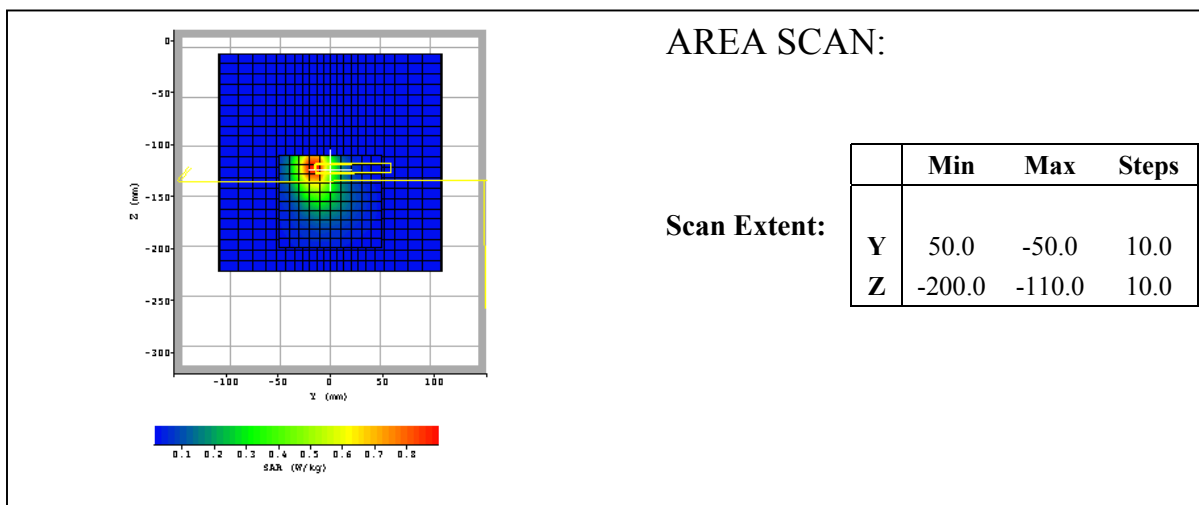
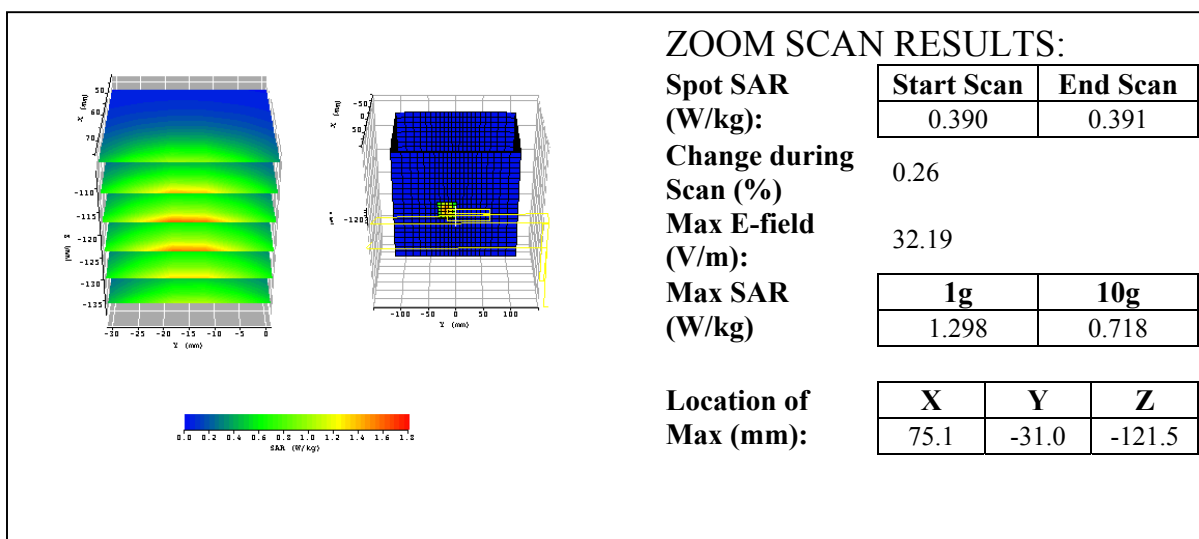
## Appendix A Plots

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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 1:41:41 PM       | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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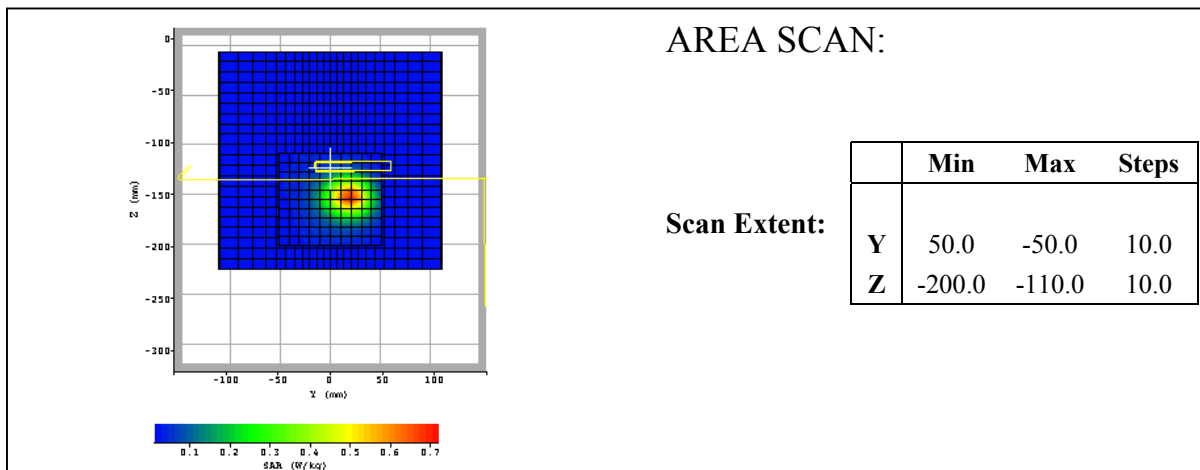
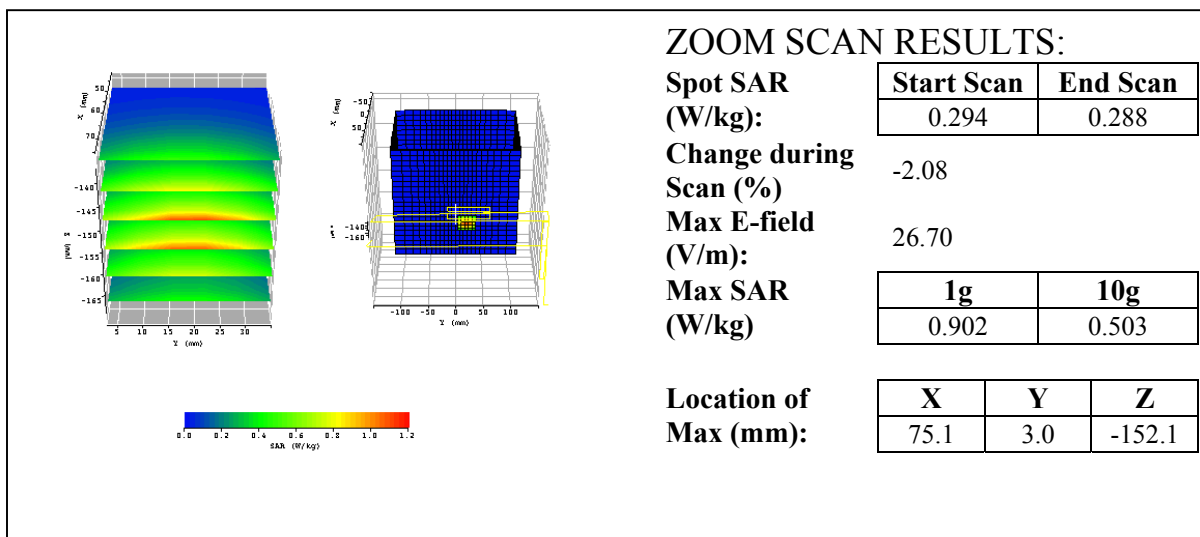
## Appendix A Plots

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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 1:14:39 PM       | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | horizontal                 | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.545 |
| <b>Relative Permittivity:</b> | 53.26 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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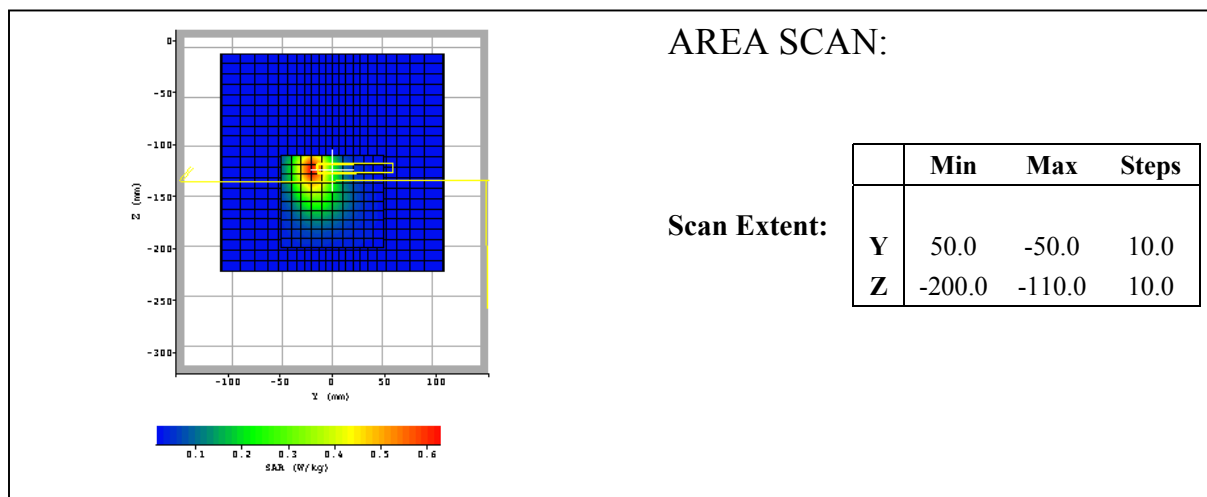
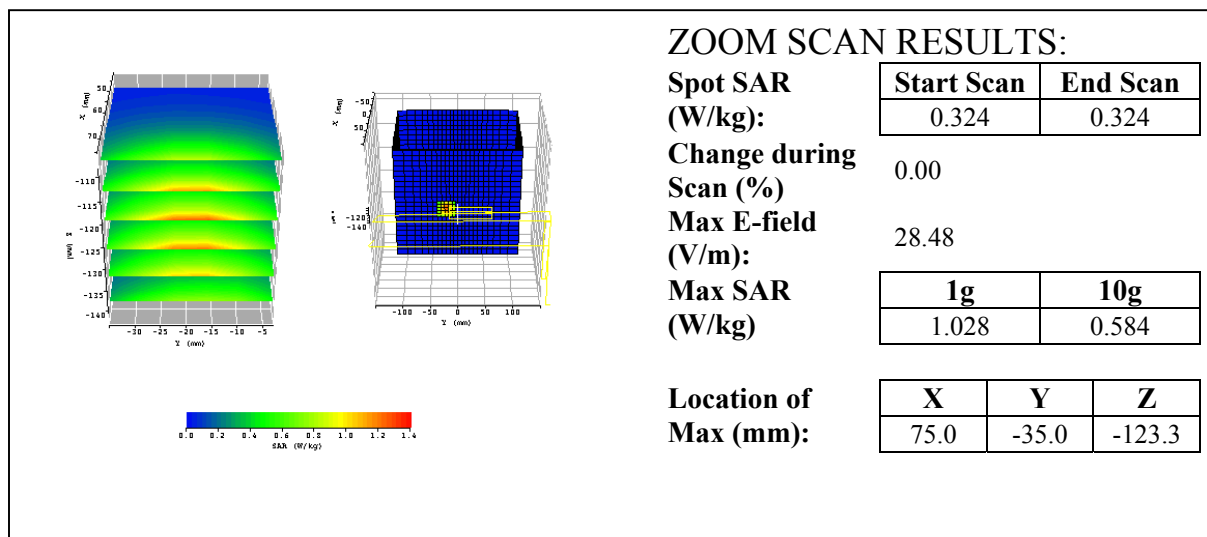
## Appendix A Plots

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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 2:17:48 PM       | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1850.2                |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.539 |
| <b>Relative Permittivity:</b> | 53.42 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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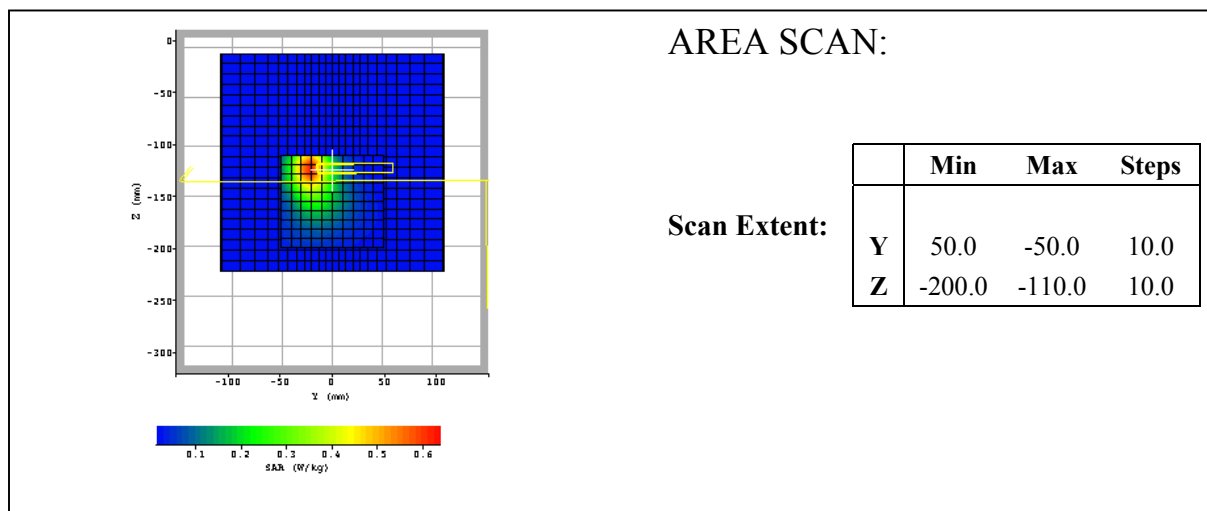
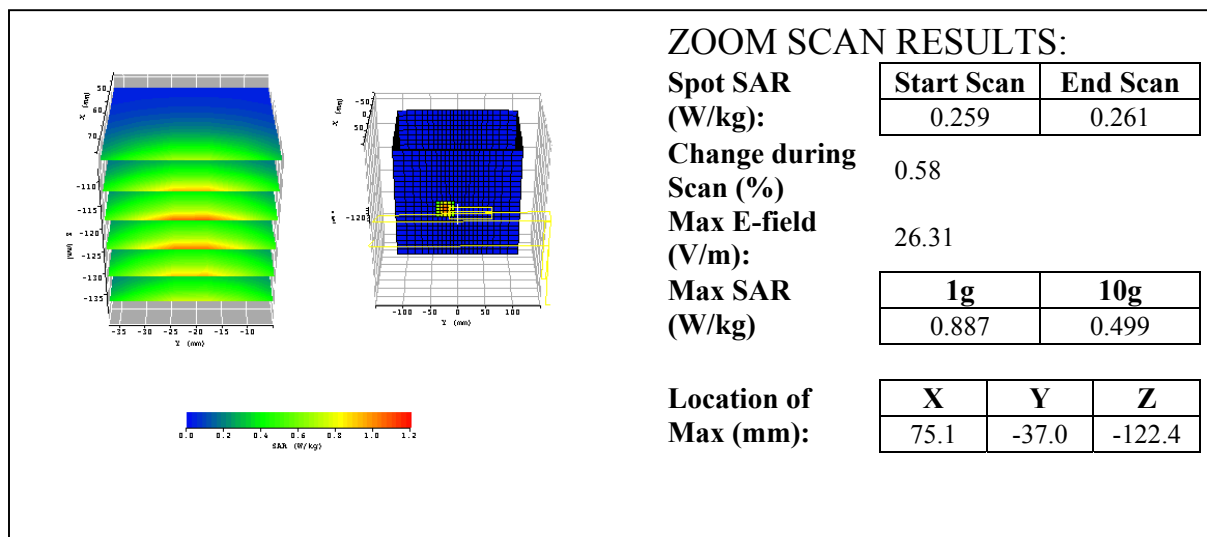
## Appendix A Plots

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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/8/2003 2:55:41 PM       | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1909.8                |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 2                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.551 |
| <b>Relative Permittivity:</b> | 53.02 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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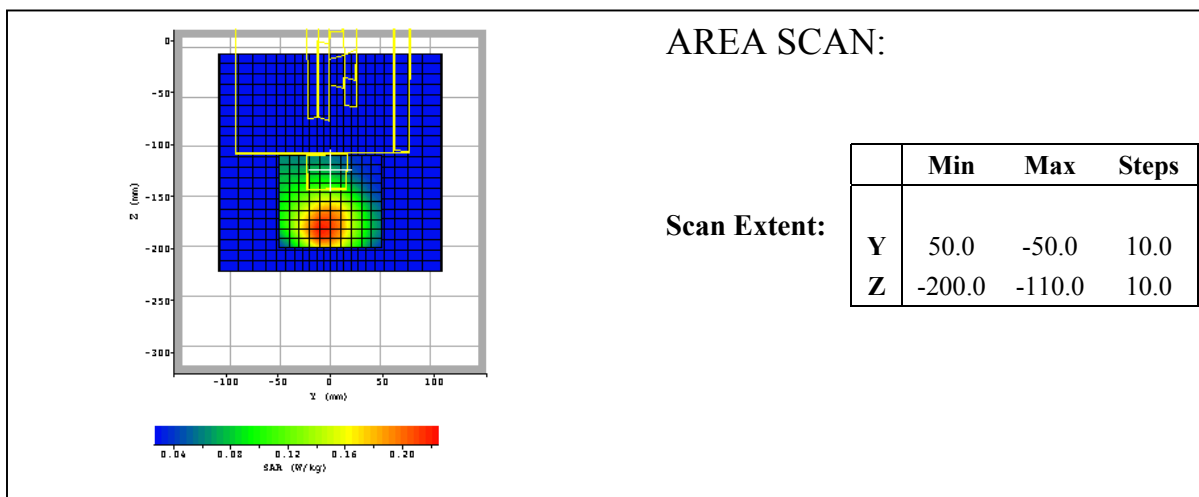
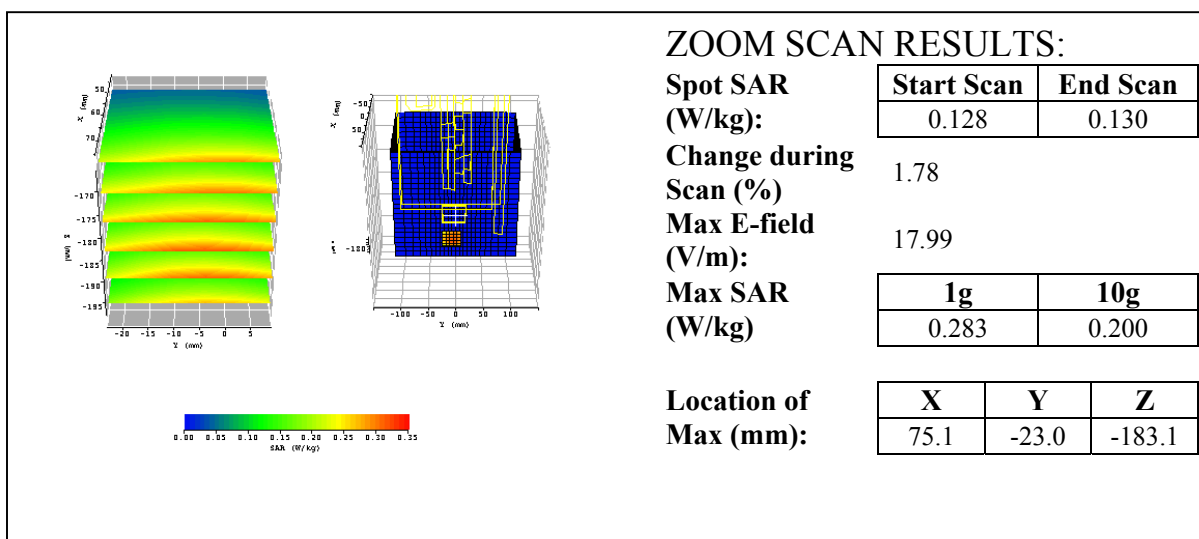
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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 11:46:32 AM    | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 1               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.986 |
| <b>Relative Permittivity:</b> | 55.4  |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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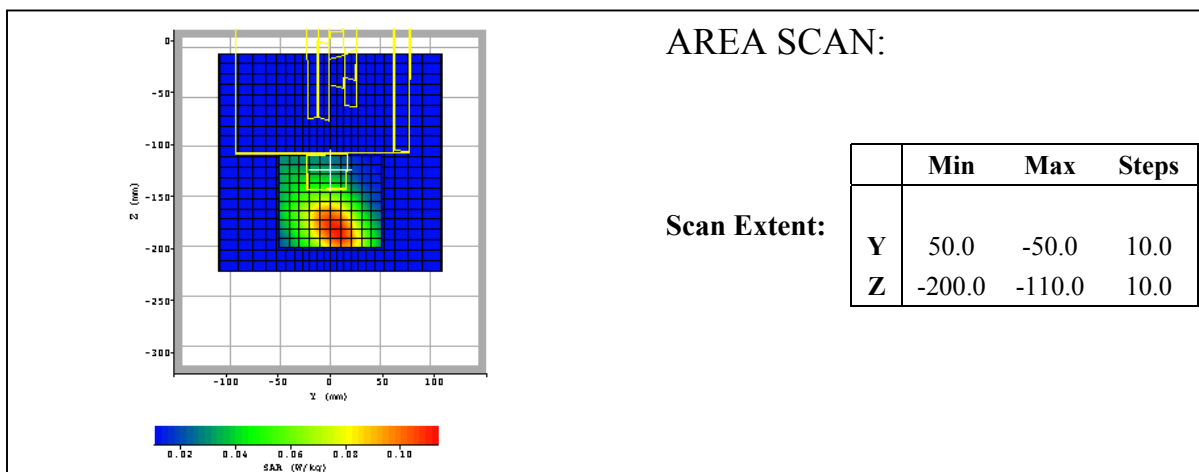
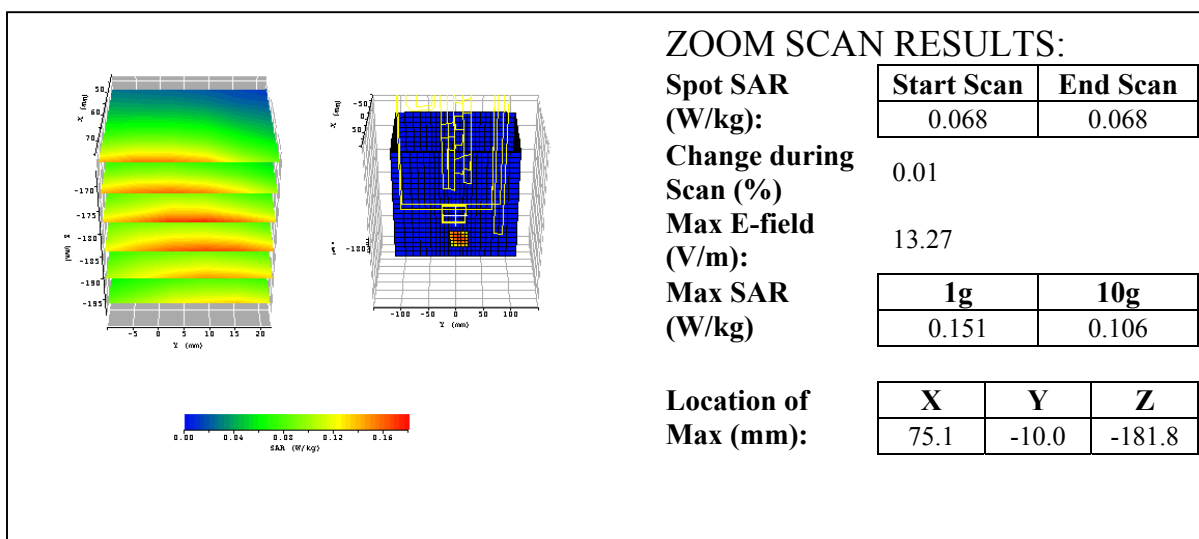
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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 12:11:19 PM    | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | perpendicular o phantom   | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 1               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.986 |
| <b>Relative Permittivity:</b> | 55.4  |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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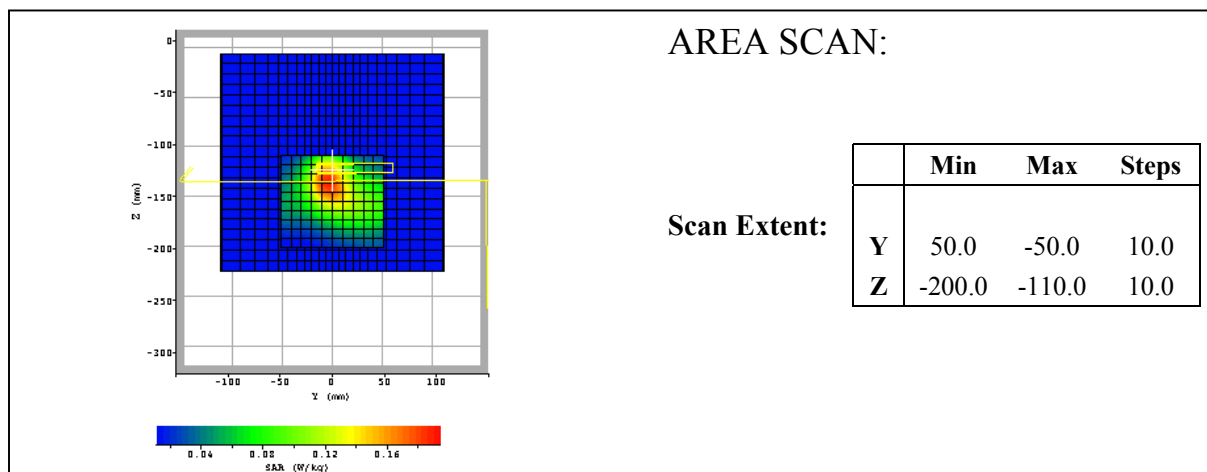
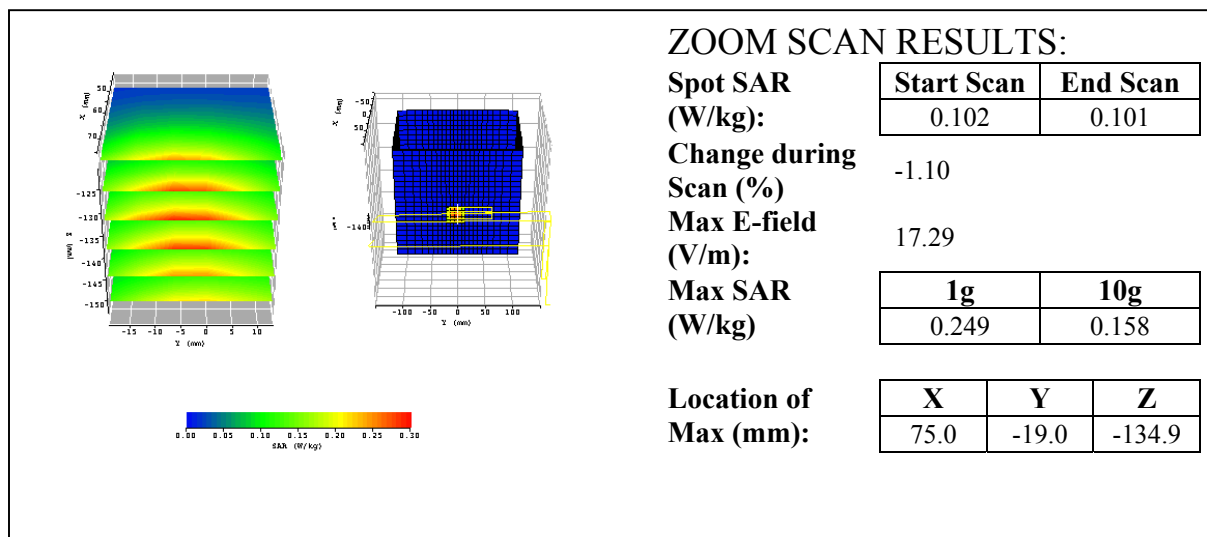
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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 12:44:28 PM     | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 1               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.986 |
| <b>Relative Permittivity:</b> | 55.4  |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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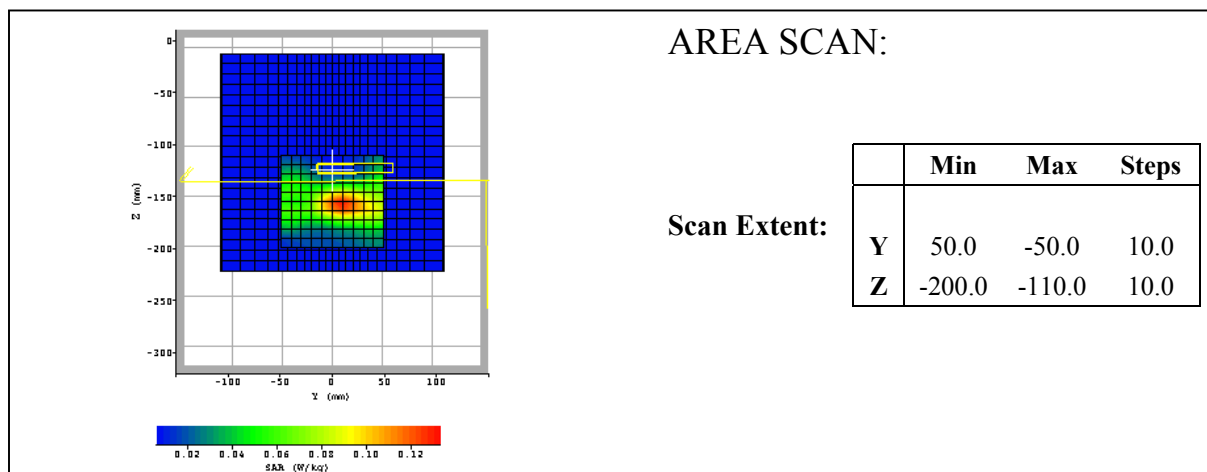
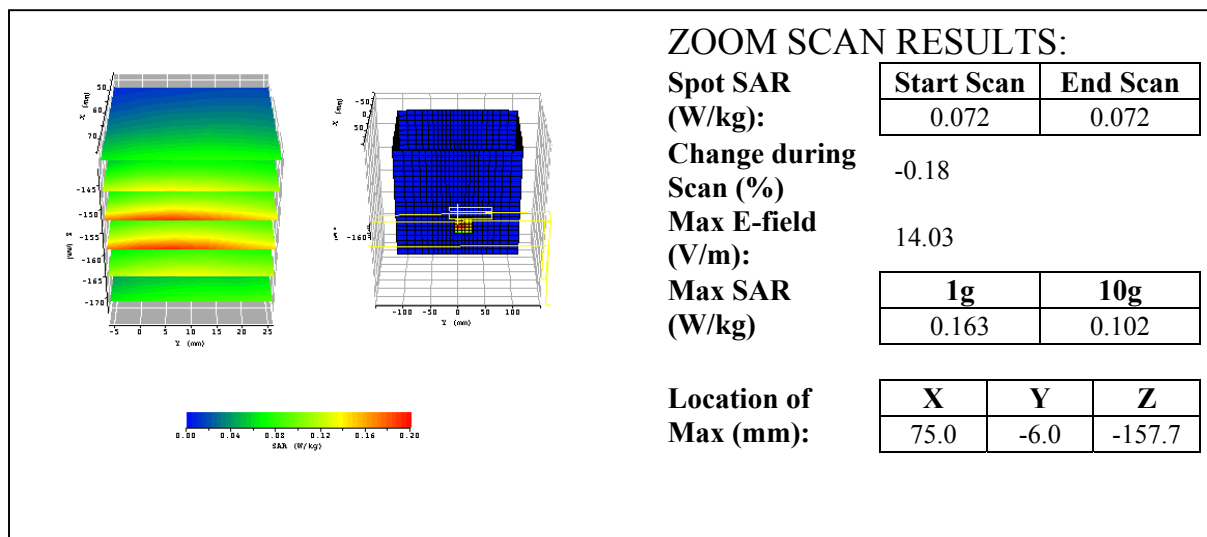
## Appendix A Plots

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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 1:09:53 PM      | <b>Position:</b>       | bystander 1cm         |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | horizontal                 | <b>Test Frequency:</b> | 835                   |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 1               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.986 |
| <b>Relative Permittivity:</b> | 55.4  |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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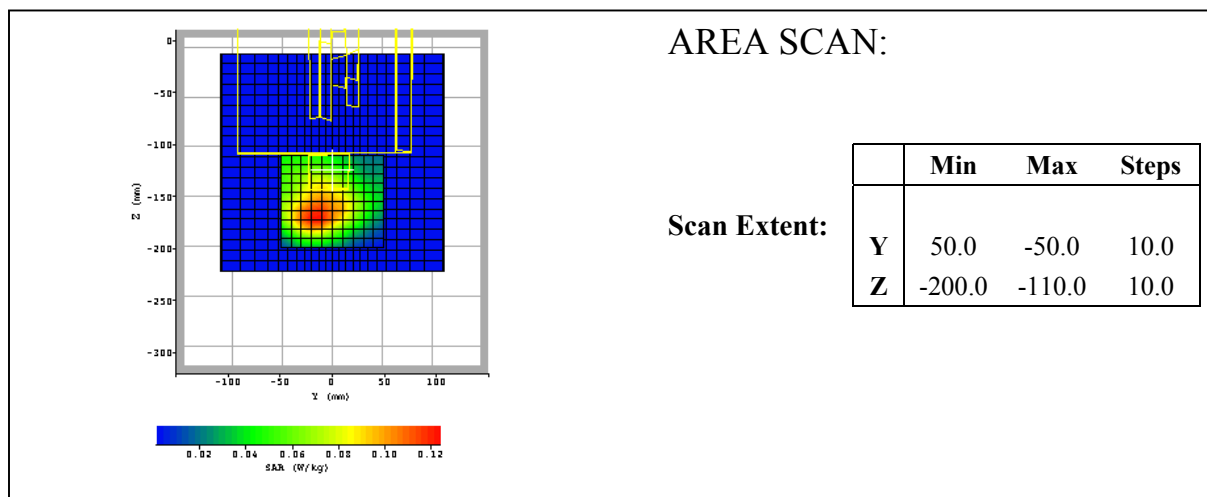
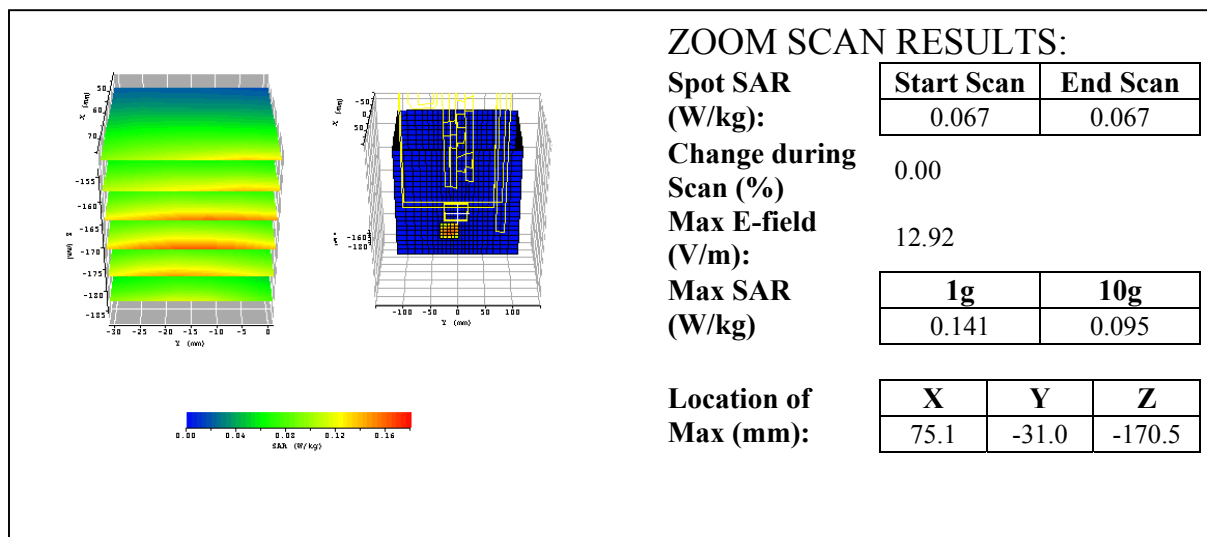
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 1:44:45 PM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 824.02                |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 1               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

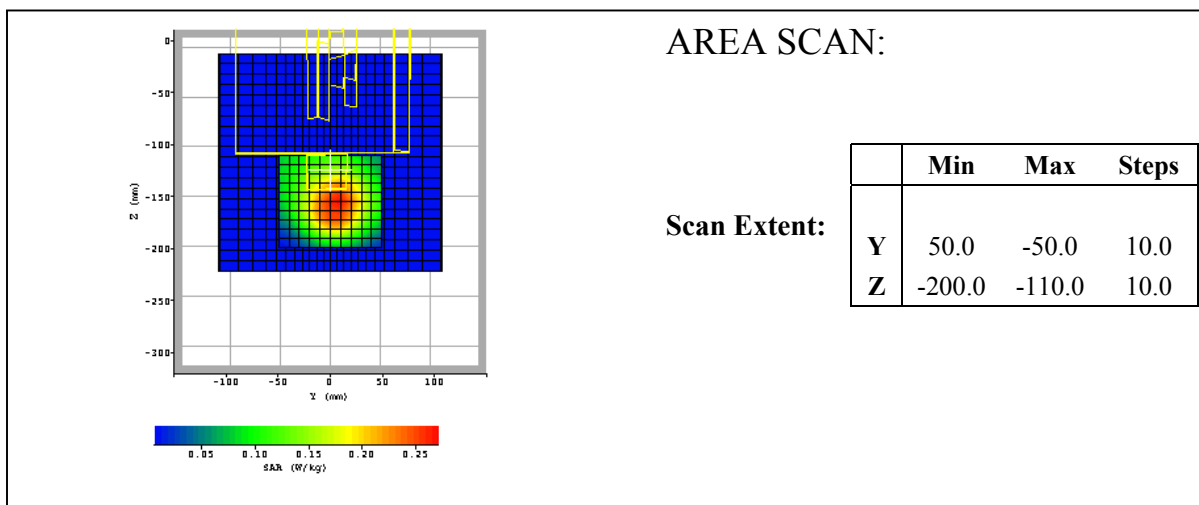
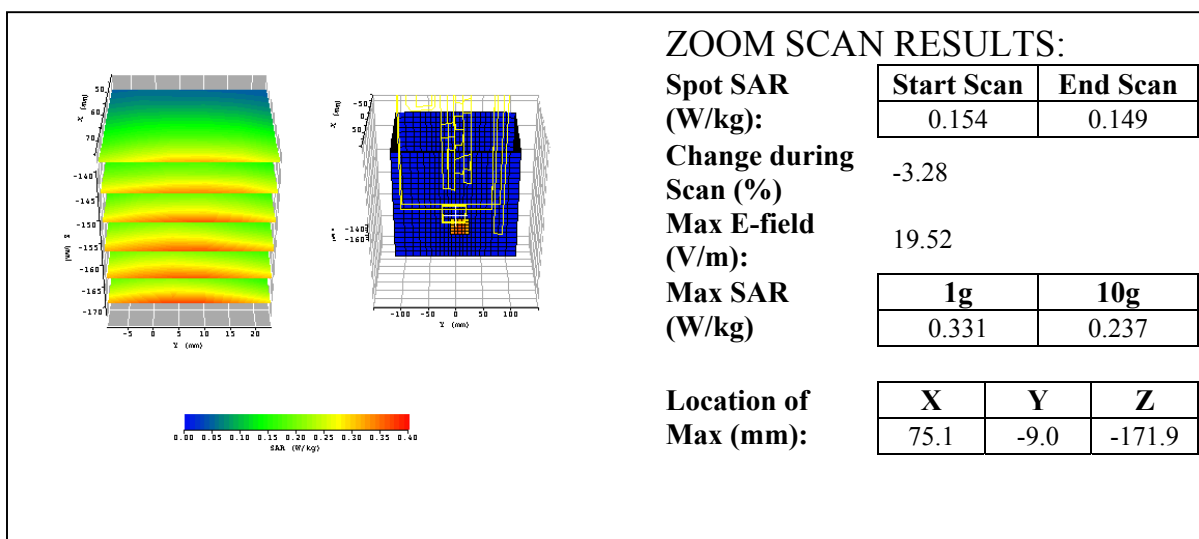
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.977 |
| <b>Relative Permittivity:</b> | 56.2  |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 2:22:48 PM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 848.8                 |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                 |          |          |          |
|----------------------------|-----------------|----------|----------|----------|
| <b>Probe:</b>              | 0106            |          |          |          |
| <b>Cal File:</b>           | 106_835_BODY_28 |          |          |          |
| <b>Cal Factors:</b>        |                 | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>      | 415      | 805      | 371      |
|                            | <b>DCP</b>      | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>      | 0.357    | 0.357    | 0.357    |
| <b>Amp Gain:</b>           | 1               |          |          |          |
| <b>Averaging:</b>          | 6               |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003      |          |          |          |

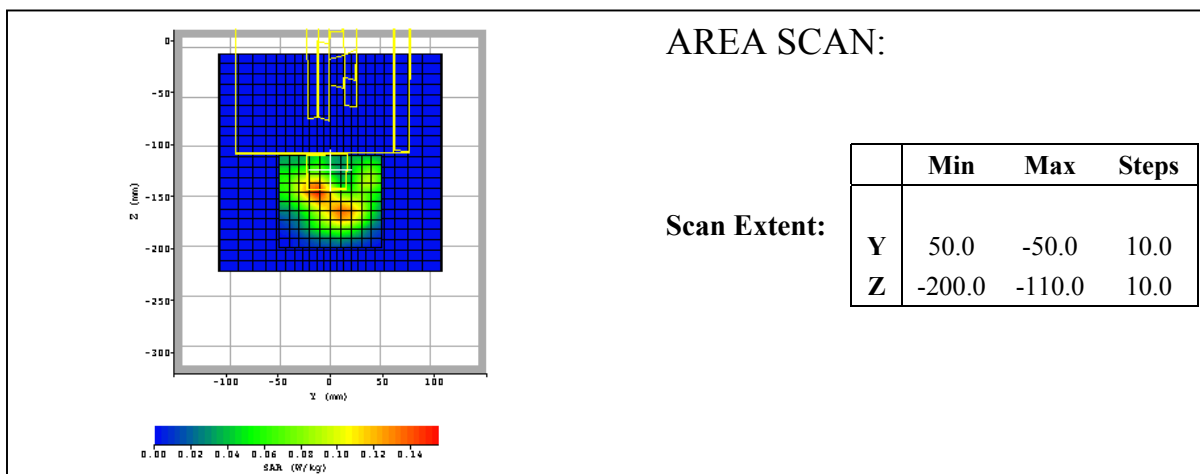
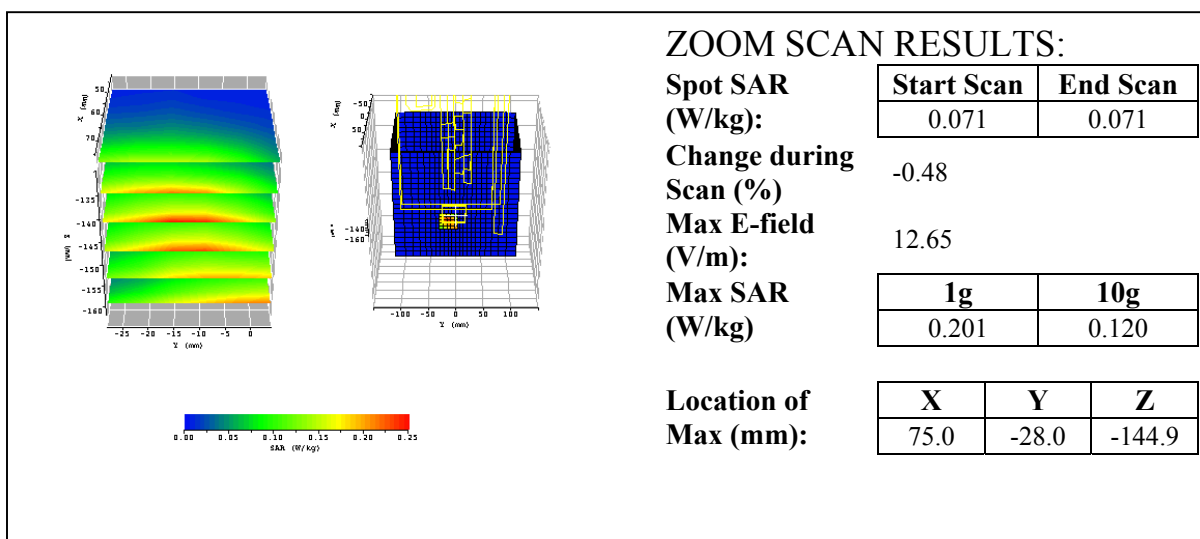
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 850   |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 0.992 |
| <b>Relative Permittivity:</b> | 55.33 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 3:00:14 PM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | parallel to phantom       | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_HEAD_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.423    | 0.423    | 0.423    |
| <b>Amp Gain:</b>           | 1                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.582 |
| <b>Relative Permittivity:</b> | 52.46 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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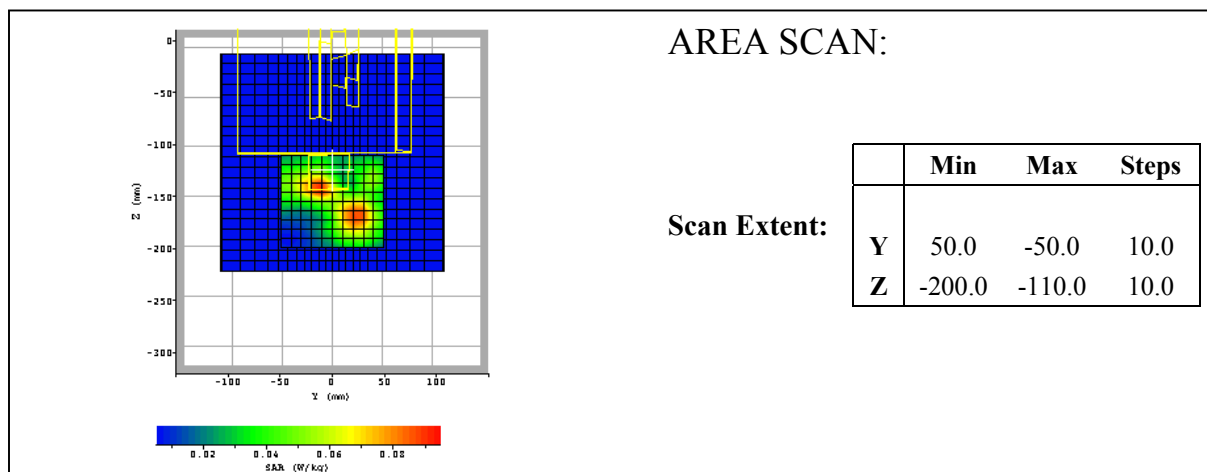
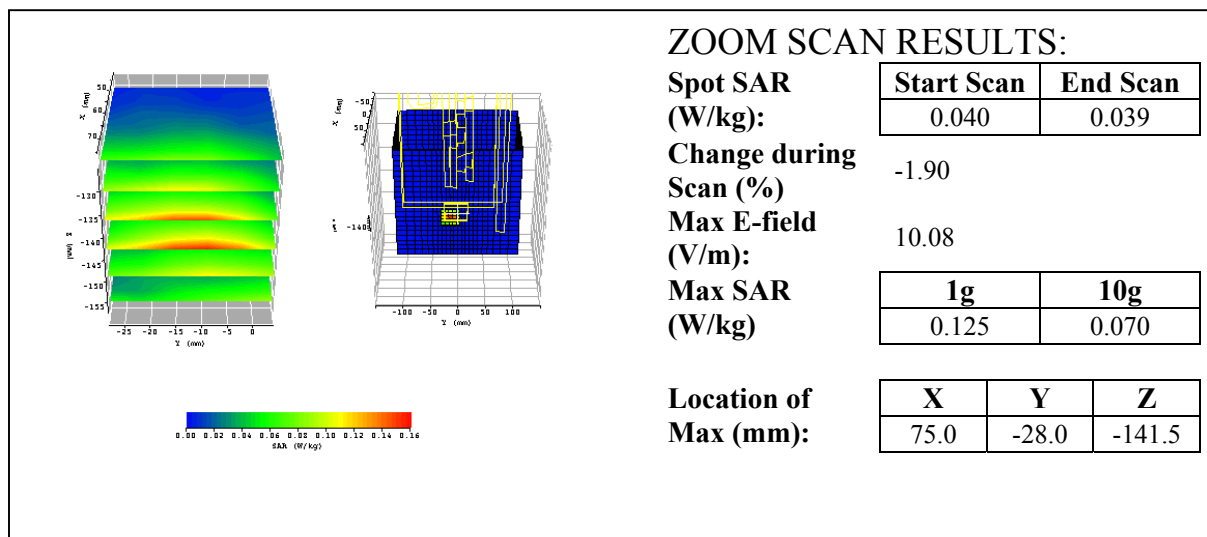
## Appendix A Plots

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|                       |                           |                        |                       |
|-----------------------|---------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 3:25:43 PM     | <b>Position:</b>       | lap                   |
| <b>Filename:</b>      | *.txt                     | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                 | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | perpendicular to phantom  | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381lap_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_HEAD_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.423    | 0.423    | 0.423    |
| <b>Amp Gain:</b>           | 1                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.582 |
| <b>Relative Permittivity:</b> | 52.46 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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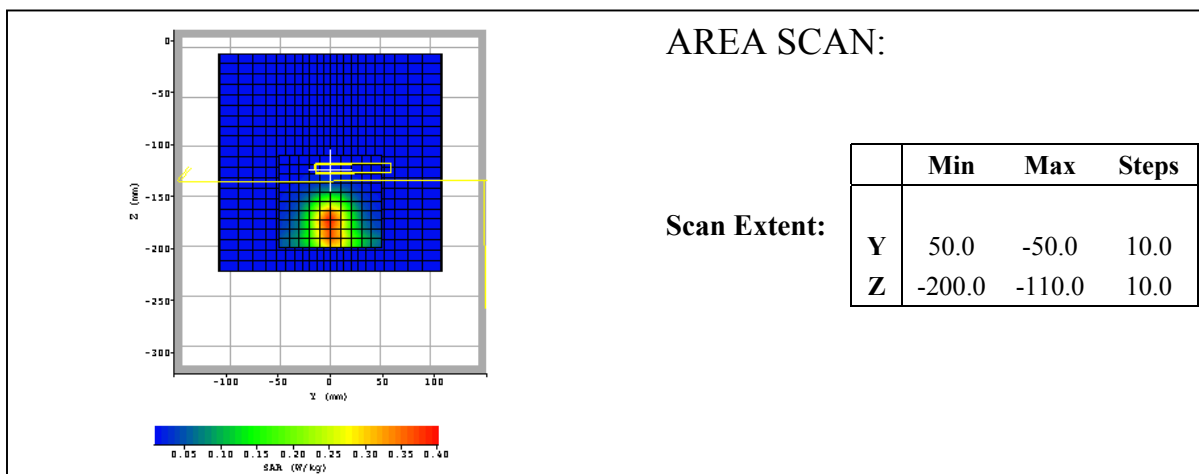
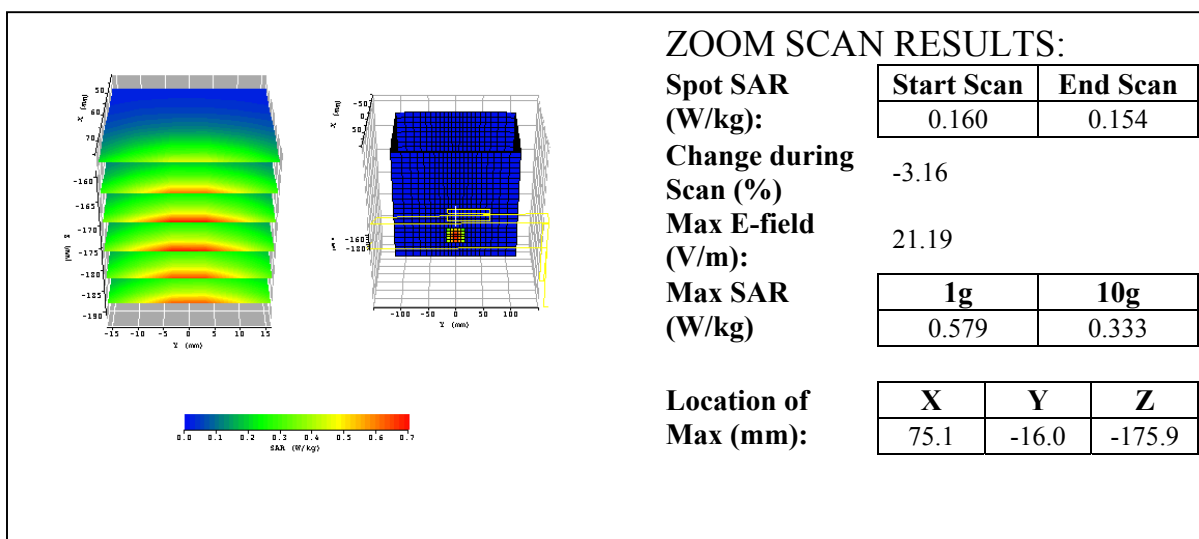
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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/13/2003 11:33:30 AM     | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 1                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

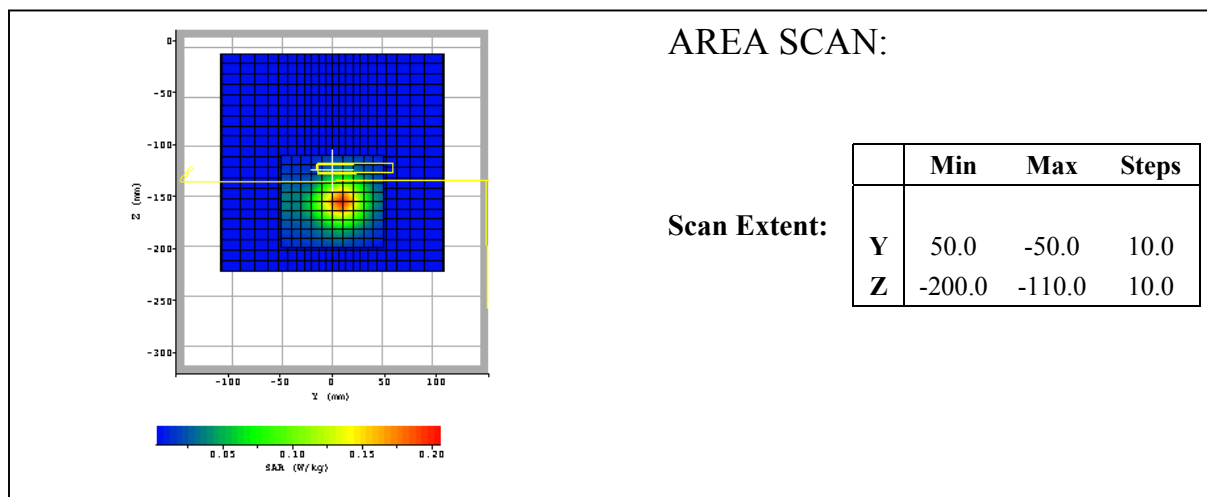
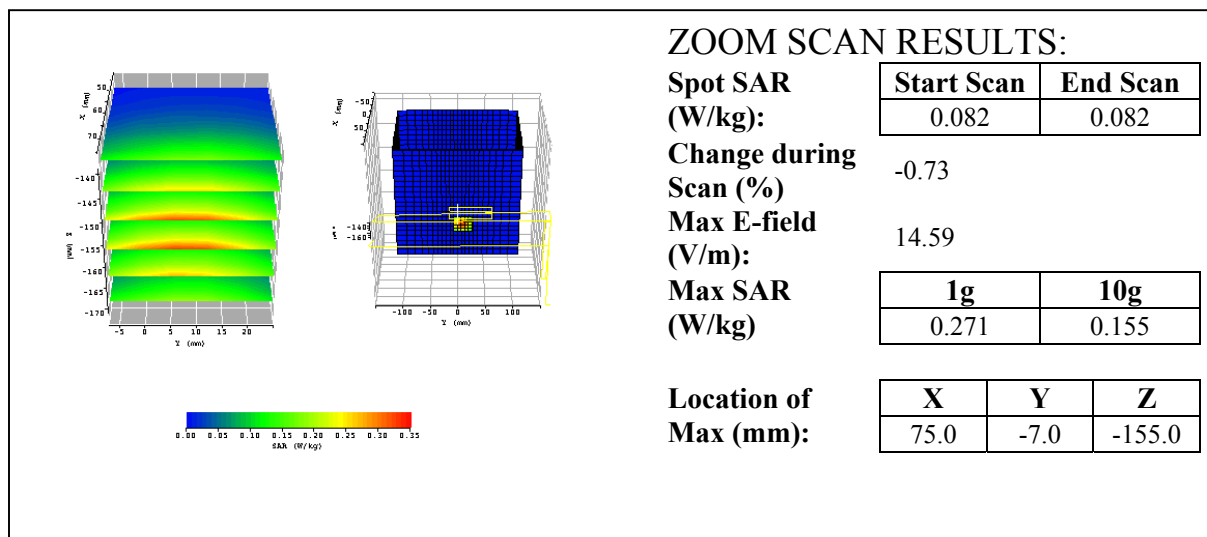
|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.582 |
| <b>Relative Permittivity:</b> | 52.46 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/10/2003 4:29:40 PM      | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | horizontal                 | <b>Test Frequency:</b> | 1880                  |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_HEAD_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.423    | 0.423    | 0.423    |
| <b>Amp Gain:</b>           | 1                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.582 |
| <b>Relative Permittivity:</b> | 52.46 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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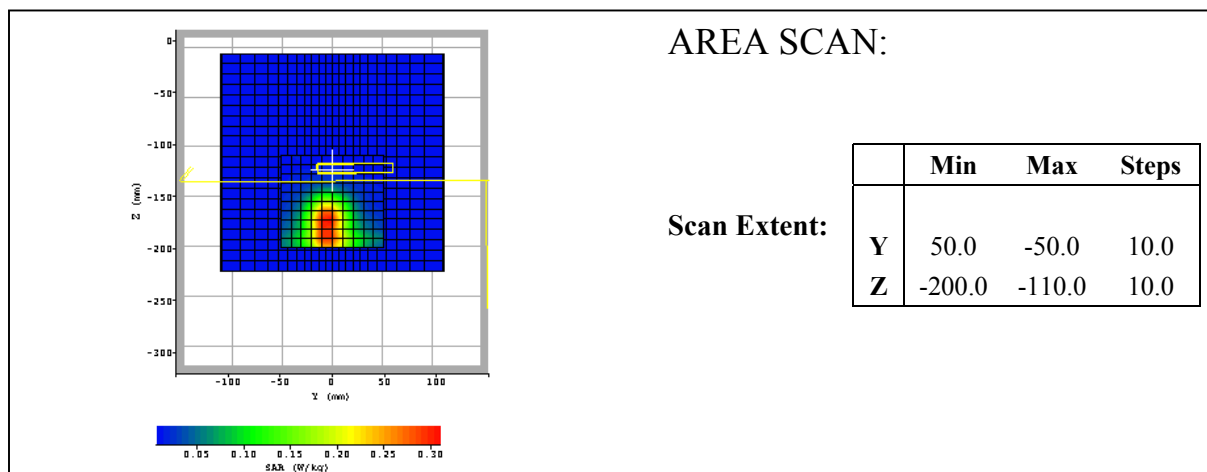
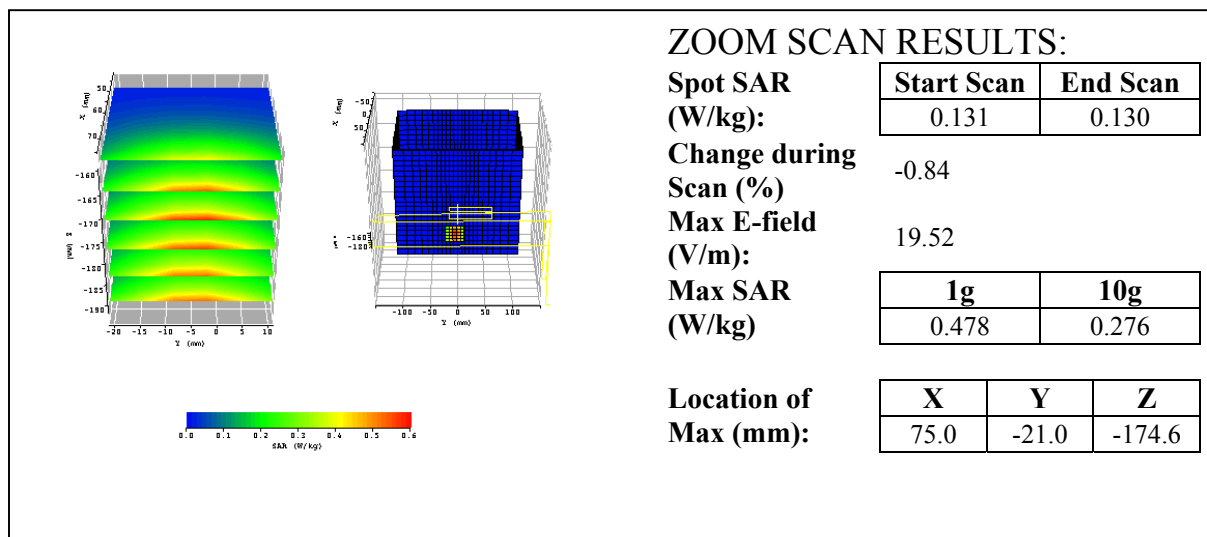
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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/13/2003 12:01:59 PM     | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1850.2                |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 1                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.569 |
| <b>Relative Permittivity:</b> | 53.07 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |



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|                       |                            |                        |                       |
|-----------------------|----------------------------|------------------------|-----------------------|
| <b>Date / Time:</b>   | 10/13/2003 12:29:37 PM     | <b>Position:</b>       | bystander             |
| <b>Filename:</b>      | *.txt                      | <b>Phantom:</b>        | HeadBox_new_spout.csv |
| <b>Device Tested:</b> | GC82 card                  | <b>Head Rotation:</b>  | 0                     |
| <b>Antenna:</b>       | vertical                   | <b>Test Frequency:</b> | 1909.8                |
| <b>Shape File:</b>    | broadcom381side_newant.csv | <b>Power Level:</b>    | maximum               |

|                            |                       |          |          |          |
|----------------------------|-----------------------|----------|----------|----------|
| <b>Probe:</b>              | 0106                  |          |          |          |
| <b>Cal File:</b>           | 106_1900_BODY_28_GPRS |          |          |          |
| <b>Cal Factors:</b>        |                       | <b>X</b> | <b>Y</b> | <b>Z</b> |
|                            | <b>Air</b>            | 415      | 805      | 371      |
|                            | <b>DCP</b>            | 12.81    | 5.68     | 11.4     |
|                            | <b>Lin</b>            | 0.477    | 0.477    | 0.477    |
| <b>Amp Gain:</b>           | 1                     |          |          |          |
| <b>Averaging:</b>          | 6                     |          |          |          |
| <b>Batteries Replaced:</b> | 10/03/2003            |          |          |          |

|                               |       |
|-------------------------------|-------|
| <b>Liquid:</b>                | 1900  |
| <b>Type:</b>                  | body  |
| <b>Conductivity:</b>          | 1.588 |
| <b>Relative Permittivity:</b> | 52.78 |
| <b>Liquid Temp (deg C):</b>   | 22.0  |
| <b>Ambient Temp (deg C):</b>  | 22.0  |
| <b>Ambient RH (%):</b>        | 50    |
| <b>Density (kg/m3):</b>       | 1000  |
| <b>Software Version:</b>      | 0.420 |

