

SAR Test Report No.:

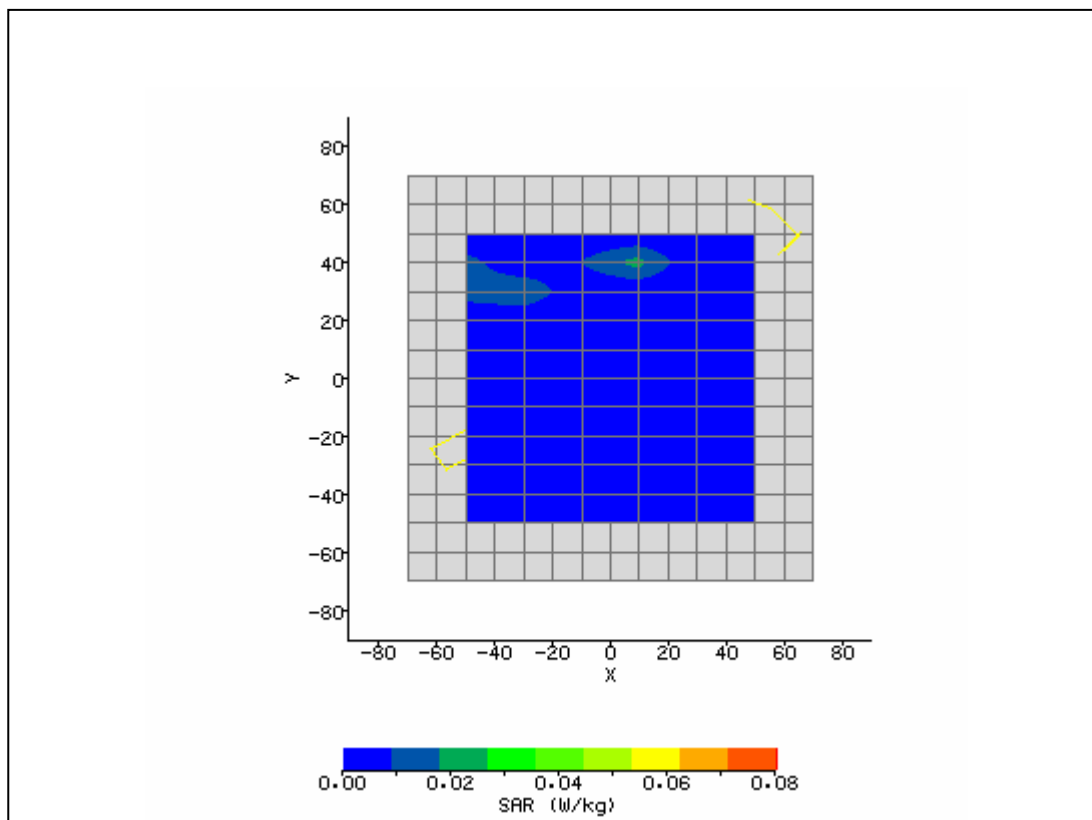
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 1 of 30

|                                    |                      |                             |            |
|------------------------------------|----------------------|-----------------------------|------------|
| System / software:                 | SARA2 / 2.40 VPM     | Input Power Drift:          |            |
| Date / Time:                       | 3/9/2007 12:57:38 PM | DUT Battery Model/No:       |            |
| Filename:                          | temp.txt             | Probe Serial Number:        | L0116      |
| Ambient Temperature:               | 22.8°C               | Liquid Simulant:            | 800        |
| Device Under Test:                 | Sony                 | Relative Permittivity:      | 56.12      |
| Relative Humidity:                 | 30%                  | Conductivity:               | 0.982      |
| Phantom S/No:                      | HeadBox1.csv         | Liquid Temperature:         | 22.0°C     |
| Phantom Rotation:                  | 0°                   | Max SAR X-axis Location:    | 14.00 mm   |
| DUT Position:                      | Lap,                 | Max SAR Y-axis Location:    | -7.00 mm   |
| Antenna Configuration:             | Integral             | Max E Field:                | 6.25 V/m   |
| Test Frequency:                    | 836.6MHz             | SAR 1g:                     | 0.047 W/kg |
| Air Factors:                       | 488 / 373 / 340      | SAR 10g:                    | 0.031 W/kg |
| Conversion Factors:                | .470 / .470 / .470   | SAR Start:                  | 0.011 W/kg |
| Type of Modulation:                |                      | SAR End:                    | 0.011 W/kg |
| Modn. Duty Cycle:                  |                      | SAR Drift during Scan:      | 1.36 %     |
| Diode Compression Factors (V*200): | 20 / 20 / 20         | Probe battery last changed: | 03/08/07   |
| Input Power Level:                 | max                  | Extrapolation:              | poly4      |



SAR Test Report No.:

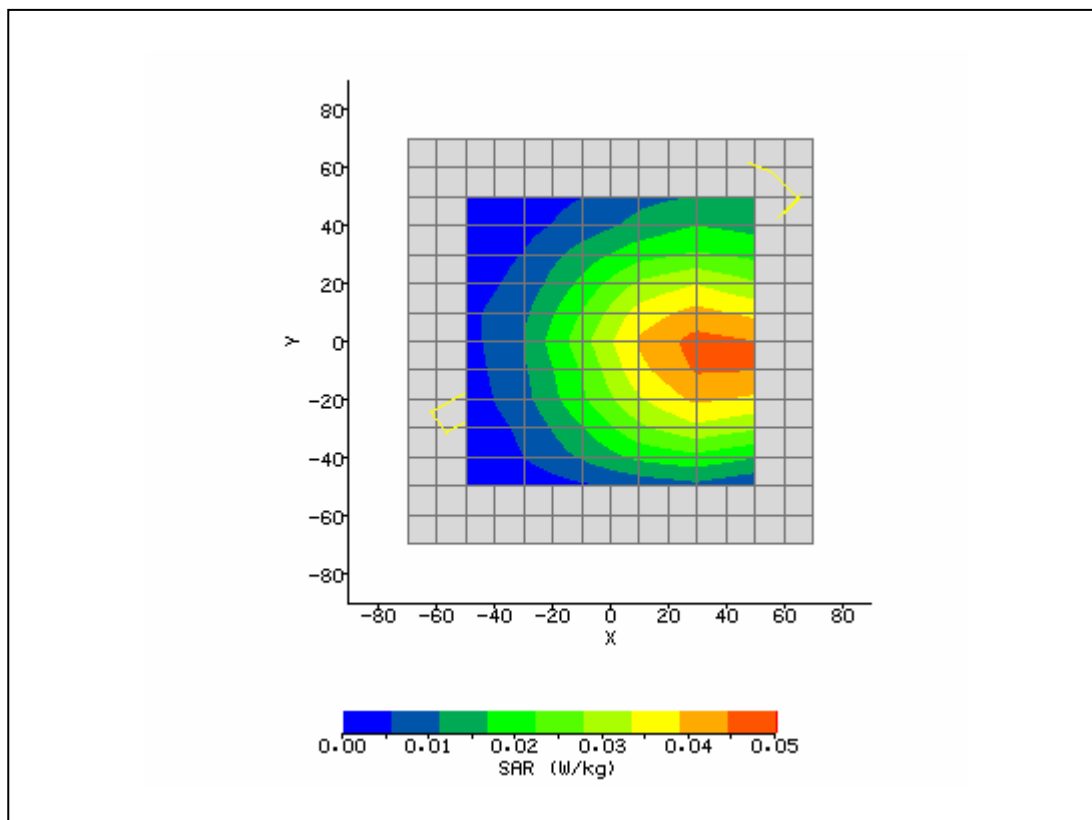
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 2 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/9/2007 1:44:30 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | temp.txt            | <b>Probe Serial Number:</b>        | L0116      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 800        |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 56.12      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 0.982      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 38.00 mm   |
| <b>DUT Position:</b>                      | Lap                 | <b>Max SAR Y-axis Location:</b>    | -4.00 mm   |
| <b>Antenna Configuration:</b>             | Integral            | <b>Max E Field:</b>                | 7.02 V/m   |
| <b>Test Frequency:</b>                    | 836.6MHz & 2402 BT  | <b>SAR 1g:</b>                     | 0.058 W/kg |
| <b>Air Factors:</b>                       | 488 / 373 / 340     | <b>SAR 10g:</b>                    | 0.042 W/kg |
| <b>Conversion Factors:</b>                | .470 / .470 / .470  | <b>SAR Start:</b>                  | 0.018 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.018 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | -1.72 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/08/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

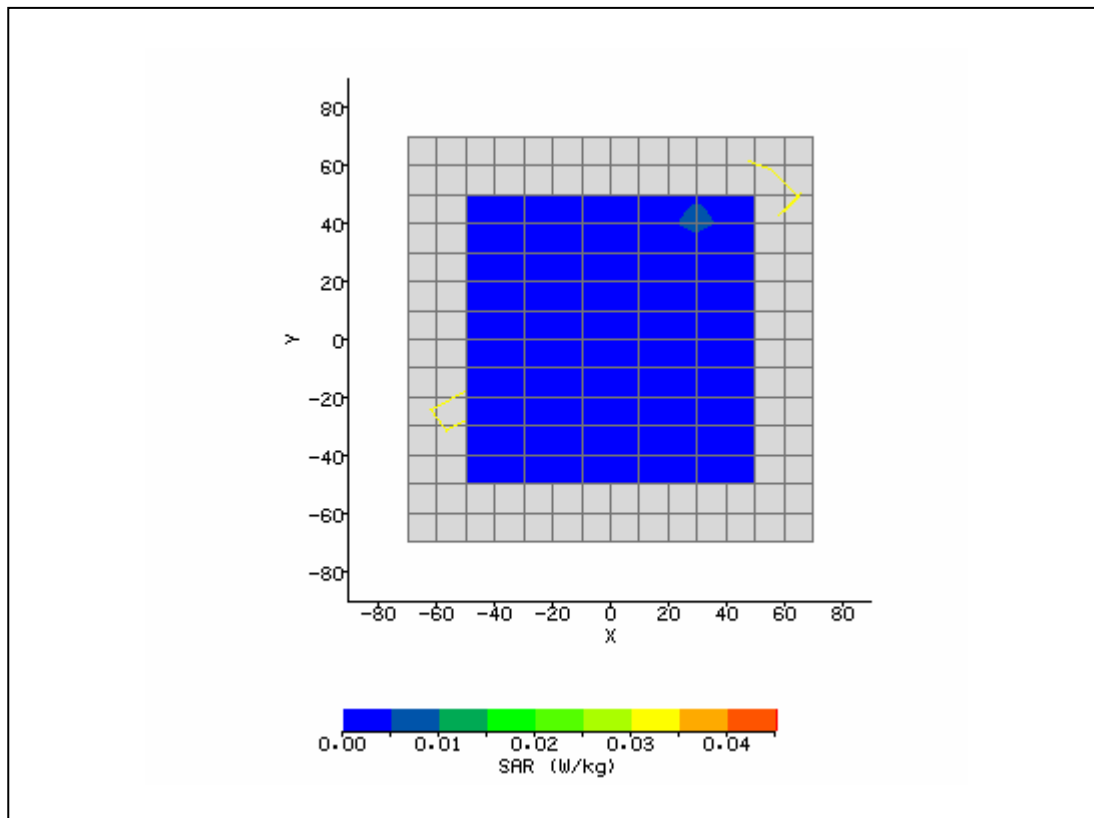
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 3 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/9/2007 4:19:43 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | temp.txt            | <b>Probe Serial Number:</b>        | L0116      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 1900       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 53.16      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 1.576      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 34.00 mm   |
| <b>DUT Position:</b>                      | Lap touch,          | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Integral            | <b>Max E Field:</b>                | 3.27 V/m   |
| <b>Test Frequency:</b>                    | 1880.0MHz           | <b>SAR 1g:</b>                     | 0.035 W/kg |
| <b>Air Factors:</b>                       | 488 / 373 / 340     | <b>SAR 10g:</b>                    | 0.012 W/kg |
| <b>Conversion Factors:</b>                | .630 / .630 / .630  | <b>SAR Start:</b>                  | 0.002 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.002 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | 2.59 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/08/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

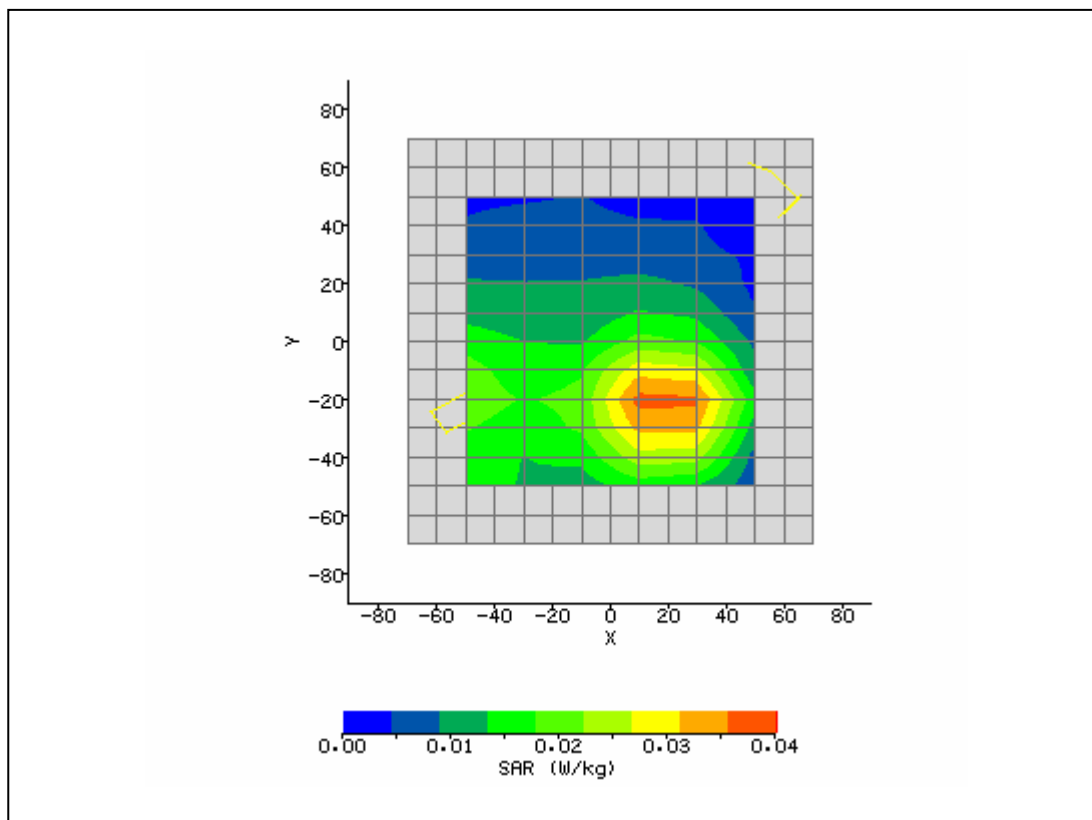
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 4 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/9/2007 5:01:17 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Lap600_3d.txt       | <b>Probe Serial Number:</b>        | L0116      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 1900       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 53.16      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 1.576      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 18.00 mm   |
| <b>DUT Position:</b>                      | Lap                 | <b>Max SAR Y-axis Location:</b>    | -22.00 mm  |
| <b>Antenna Configuration:</b>             | Integral            | <b>Max E Field:</b>                | 5.03 V/m   |
| <b>Test Frequency:</b>                    | 1880.0MHz & 2402 BT | <b>SAR 1g:</b>                     | 0.045 W/kg |
| <b>Air Factors:</b>                       | 488 / 373 / 340     | <b>SAR 10g:</b>                    | 0.023 W/kg |
| <b>Conversion Factors:</b>                | .630 / .630 / .630  | <b>SAR Start:</b>                  | 0.006 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.006 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | 1.37 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/08/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

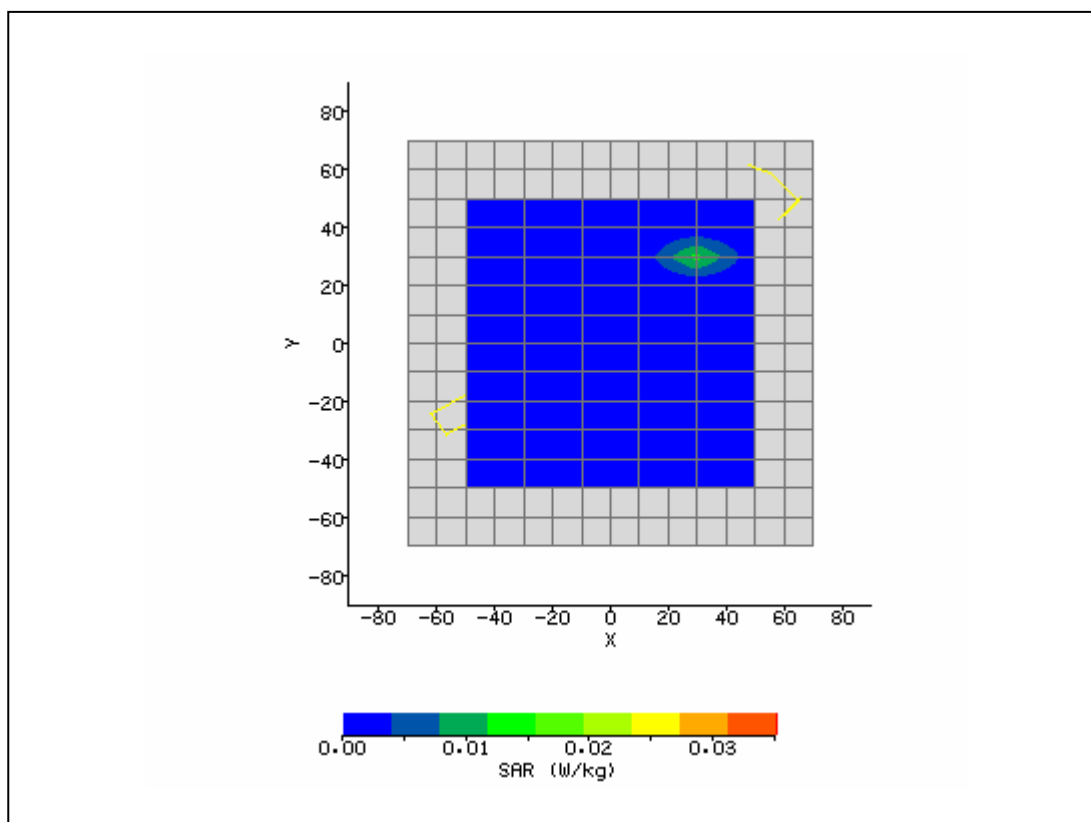
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 5 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 4:37:45 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Left6B_batt_3d.txt  | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 2450       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 50.99      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 1.909      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 30.00 mm   |
| <b>DUT Position:</b>                      | Lap                 | <b>Max SAR Y-axis Location:</b>    | 30.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A             | <b>Max E Field:</b>                | 4.25 V/m   |
| <b>Test Frequency:</b>                    | 2437MHz             | <b>SAR 1g:</b>                     | 0.010 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238  | <b>SAR 10g:</b>                    | 0.002 W/kg |
| <b>Conversion Factors:</b>                | .462 / .462 / .462  | <b>SAR Start:</b>                  | 0.008 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.008 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | 3.90 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/07/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

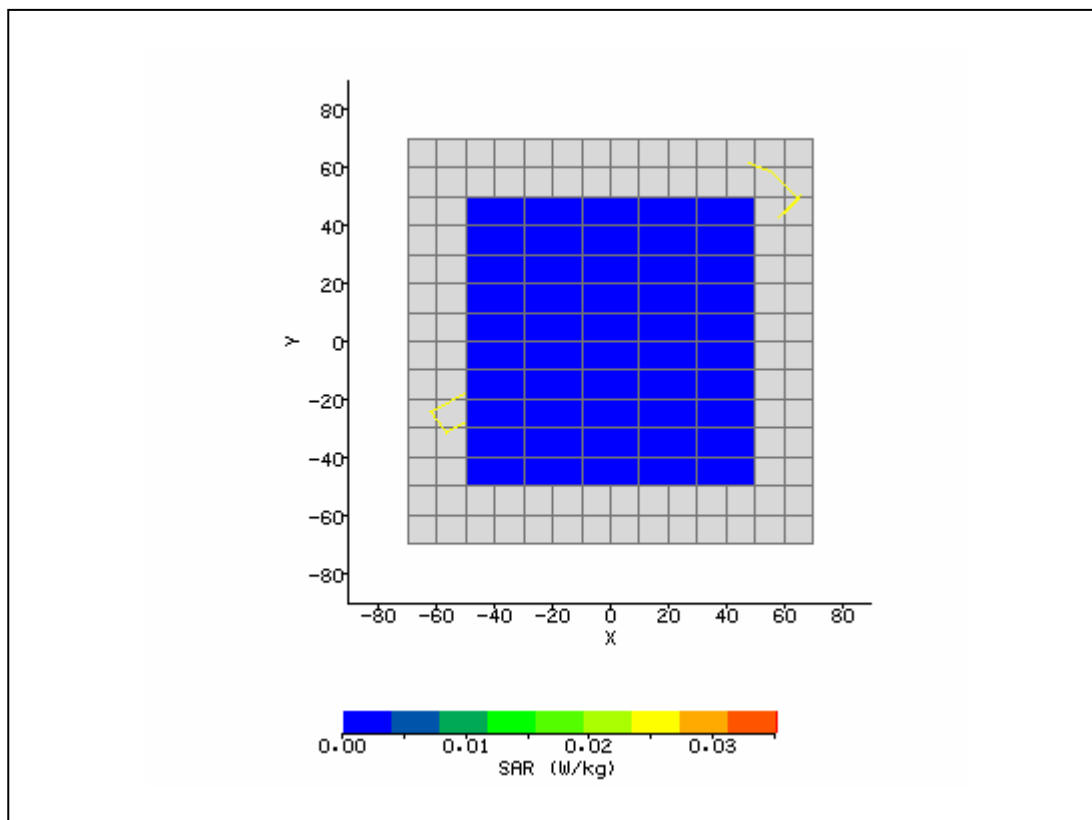
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 6 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 4:21:31 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Lap11_batt_3d.txt   | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 2450       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 50.99      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 1.909      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | Lap                 | <b>Max SAR Y-axis Location:</b>    | 39.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B             | <b>Max E Field:</b>                | 4.31 V/m   |
| <b>Test Frequency:</b>                    | 2437MHz             | <b>SAR 1g:</b>                     | 0.018 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238  | <b>SAR 10g:</b>                    | 0.007 W/kg |
| <b>Conversion Factors:</b>                | .462 / .462 / .462  | <b>SAR Start:</b>                  | 0.005 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.005 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | 2.91 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/07/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

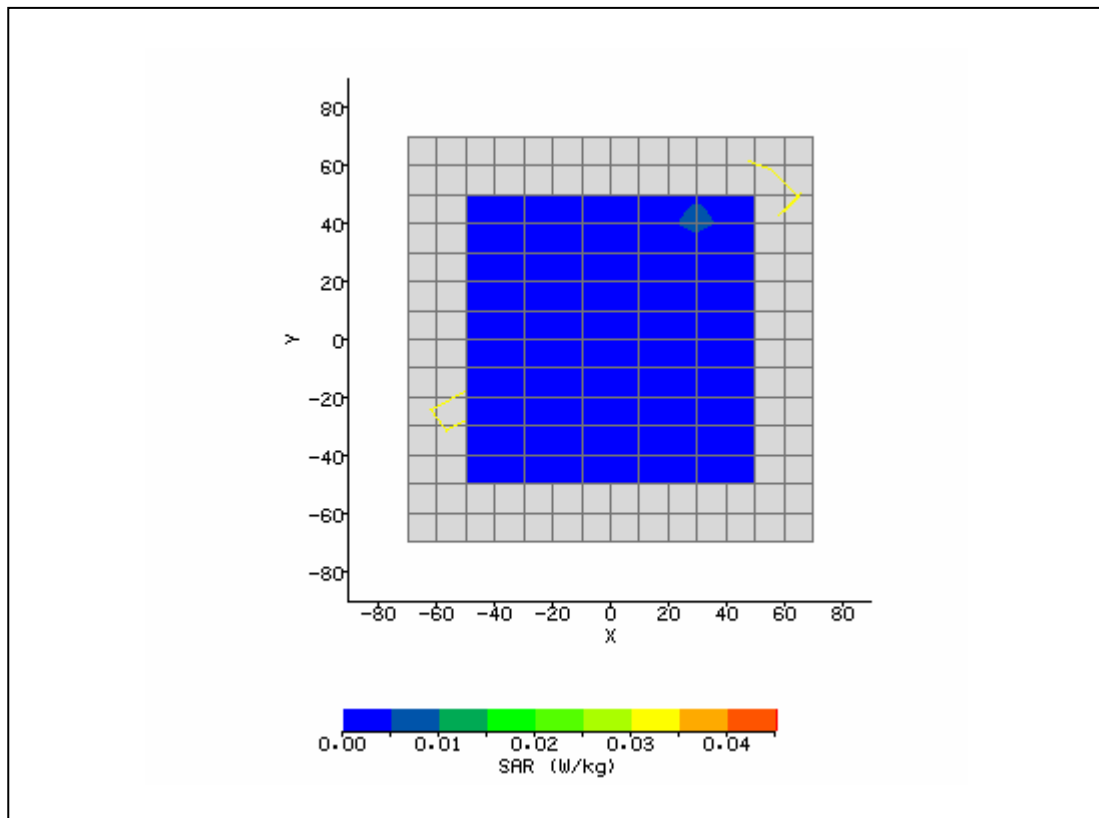
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 7 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 5:37:07 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Back6A_batt_3d.txt  | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 2450       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 50.99      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 1.909      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 34.00 mm   |
| <b>DUT Position:</b>                      | Back 20mm, battery  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A             | <b>Max E Field:</b>                | 4.62 V/m   |
| <b>Test Frequency:</b>                    | 2437 + BTMHz        | <b>SAR 1g:</b>                     | 0.011 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238  | <b>SAR 10g:</b>                    | 0.004 W/kg |
| <b>Conversion Factors:</b>                | .462 / .462 / .462  | <b>SAR Start:</b>                  | 0.010 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.010 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | 1.11 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/07/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

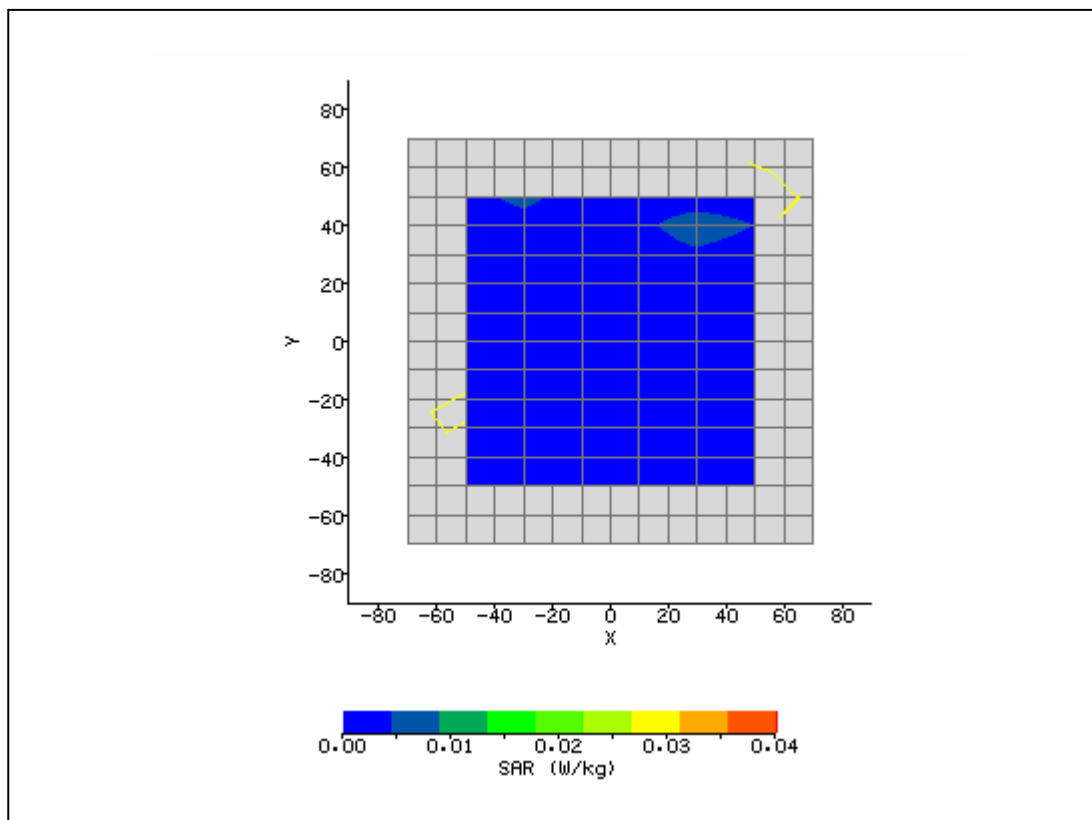
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 8 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 3:06:23 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | temp.txt            | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 2450       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 50.99      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 1.909      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | -32.00 mm  |
| <b>DUT Position:</b>                      | Lap,                | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B             | <b>Max E Field:</b>                | 4.63 V/m   |
| <b>Test Frequency:</b>                    | 2437 + 2402 BTMhz   | <b>SAR 1g:</b>                     | 0.019 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238  | <b>SAR 10g:</b>                    | 0.006 W/kg |
| <b>Conversion Factors:</b>                | .462 / .462 / .462  | <b>SAR Start:</b>                  | 0.005 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.005 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | 1.31 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/07/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

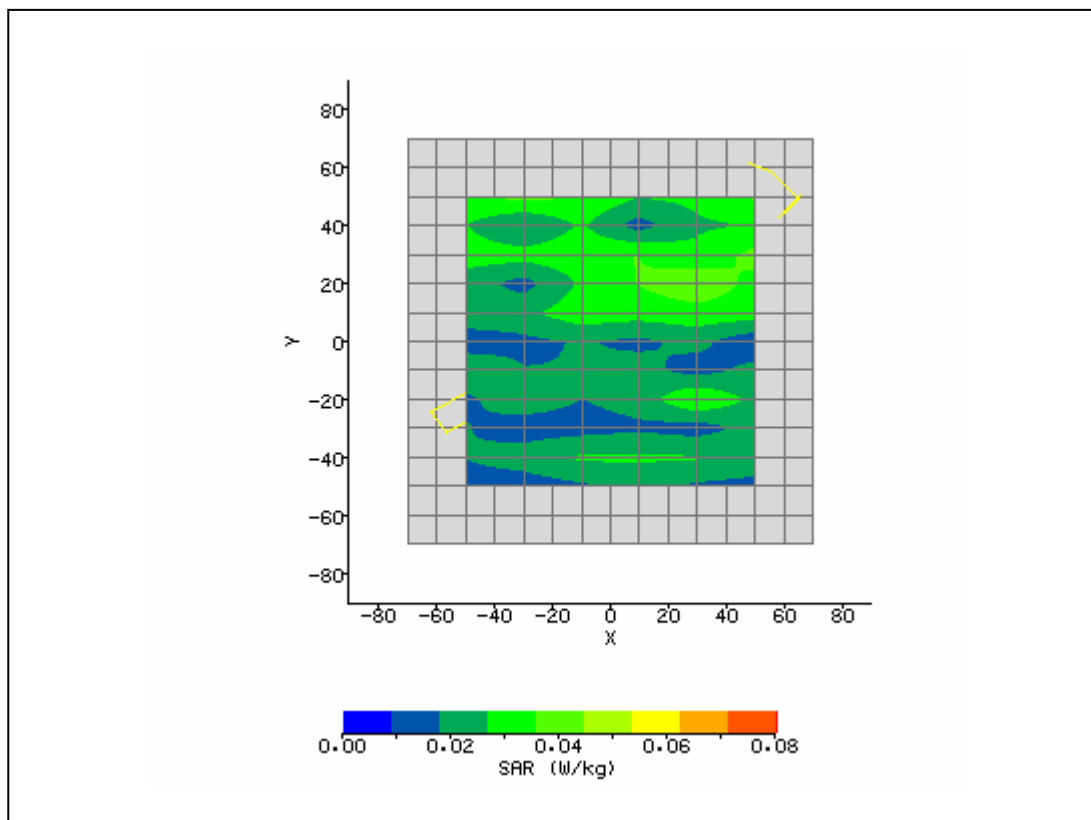
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 9 of 30

|                                    |                      |                             |            |
|------------------------------------|----------------------|-----------------------------|------------|
| System / software:                 | SARA2 / 2.40 VPM     | Input Power Drift:          |            |
| Date / Time:                       | 3/8/2007 10:08:58 AM | DUT Battery Model/No:       |            |
| Filename:                          | temp.txt             | Probe Serial Number:        | M0024      |
| Ambient Temperature:               | 22.8°C               | Liquid Simulant:            | 2450       |
| Device Under Test:                 | Sony                 | Relative Permittivity:      | 50.99      |
| Relative Humidity:                 | 30%                  | Conductivity:               | 1.909      |
| Phantom S/No:                      | HeadBox1.csv         | Liquid Temperature:         | 22.0°C     |
| Phantom Rotation:                  | 0°                   | Max SAR X-axis Location:    | -26.00 mm  |
| DUT Position:                      | Lap                  | Max SAR Y-axis Location:    | 50.00 mm   |
| Antenna Configuration:             | Chain A              | Max E Field:                | 6.38 V/m   |
| Test Frequency:                    | 2437 MHz             | SAR 1g:                     | 0.059 W/kg |
| Air Factors:                       | 2685 / 2277 / 2238   | SAR 10g:                    | 0.039 W/kg |
| Conversion Factors:                | .462 / .462 / .462   | SAR Start:                  | 0.037 W/kg |
| Type of Modulation:                |                      | SAR End:                    | 0.036 W/kg |
| Modn. Duty Cycle:                  |                      | SAR Drift during Scan:      | -2.70 %    |
| Diode Compression Factors (V*200): | 20 / 20 / 20         | Probe battery last changed: | 03/07/07   |
| Input Power Level:                 | max                  | Extrapolation:              | poly4      |



SAR Test Report No.:

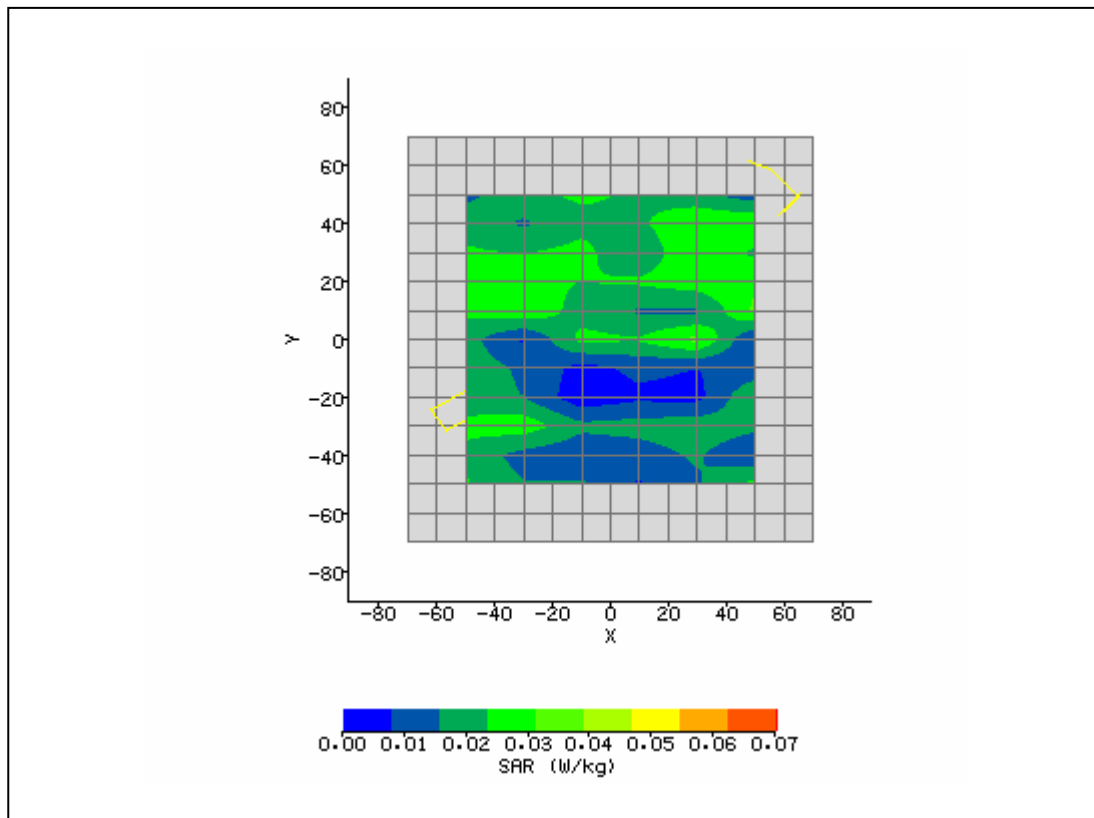
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 10 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/8/2007 10:25:04 AM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Left6A_3d.txt        | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 2450       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 50.99      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 1.909      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 16.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 5.68 V/m   |
| <b>Test Frequency:</b>                    | 2437 MHz             | <b>SAR 1g:</b>                     | 0.041 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.028 W/kg |
| <b>Conversion Factors:</b>                | .462 / .462 / .462   | <b>SAR Start:</b>                  | 0.023 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.023 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | 0.83 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/07/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

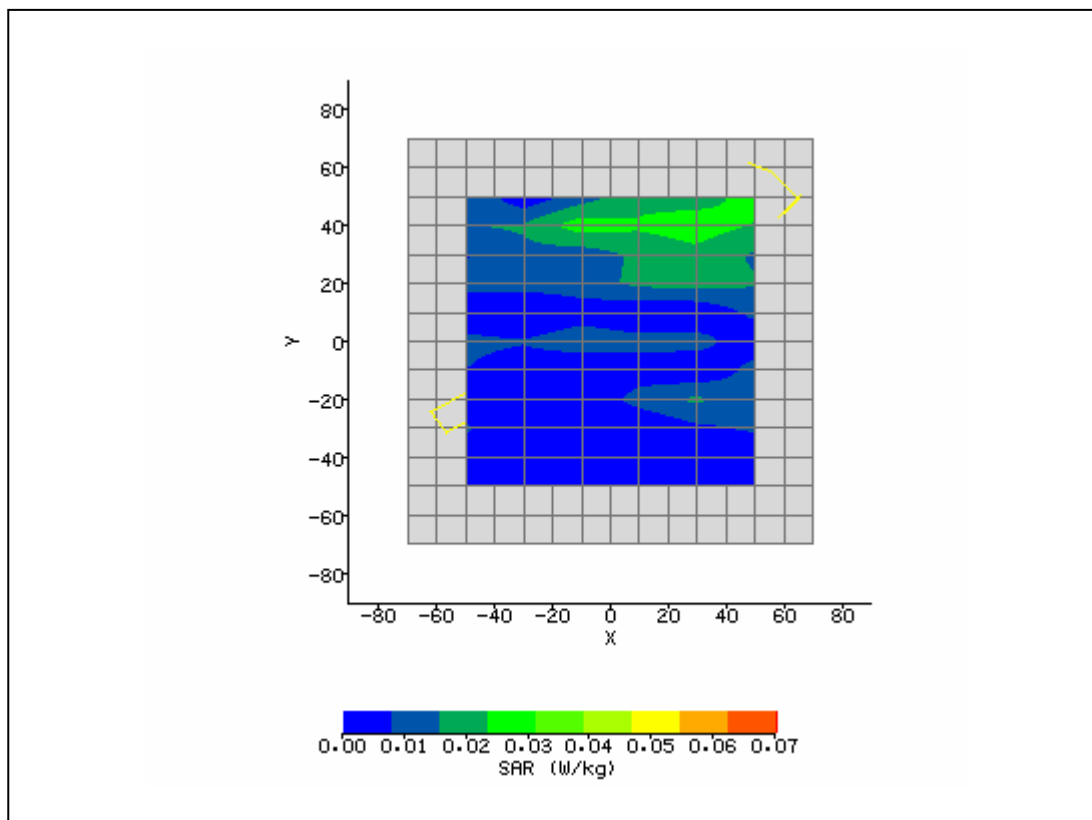
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 11 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/8/2007 11:10:38 AM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Back6B_3d.txt        | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 2450       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 50.99      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 1.909      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A              | <b>Max E Field:</b>                | 5.73 V/m   |
| <b>Test Frequency:</b>                    | 2437 & 2402 BT MHz   | <b>SAR 1g:</b>                     | 0.059 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.030 W/kg |
| <b>Conversion Factors:</b>                | .462 / .462 / .462   | <b>SAR Start:</b>                  | 0.022 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.022 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | 0.57 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/07/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

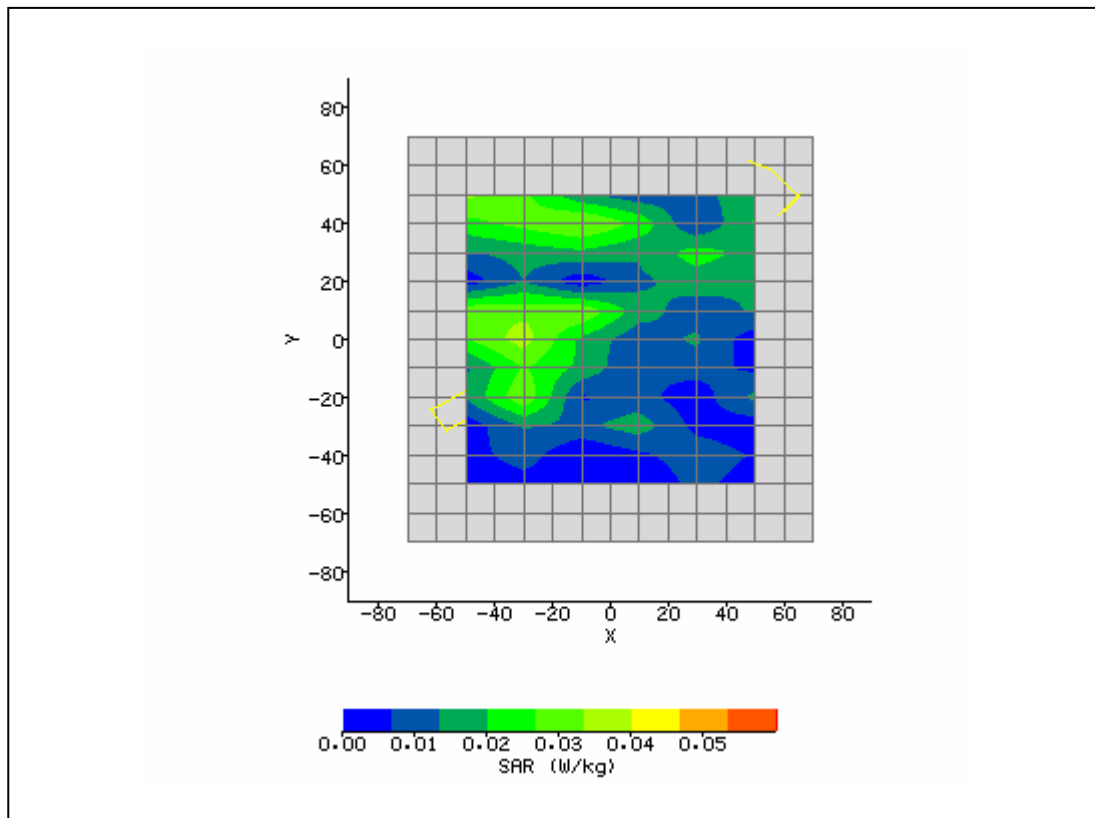
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 12 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/8/2007 10:48:51 AM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Left6B_3d.txt        | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 2450       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 50.99      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 1.909      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | -50.00 mm  |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 5.57 V/m   |
| <b>Test Frequency:</b>                    | 2437 & 2402 BT MHz   | <b>SAR 1g:</b>                     | 0.048 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.032 W/kg |
| <b>Conversion Factors:</b>                | .462 / .462 / .462   | <b>SAR Start:</b>                  | 0.028 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.028 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | -0.60 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/07/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

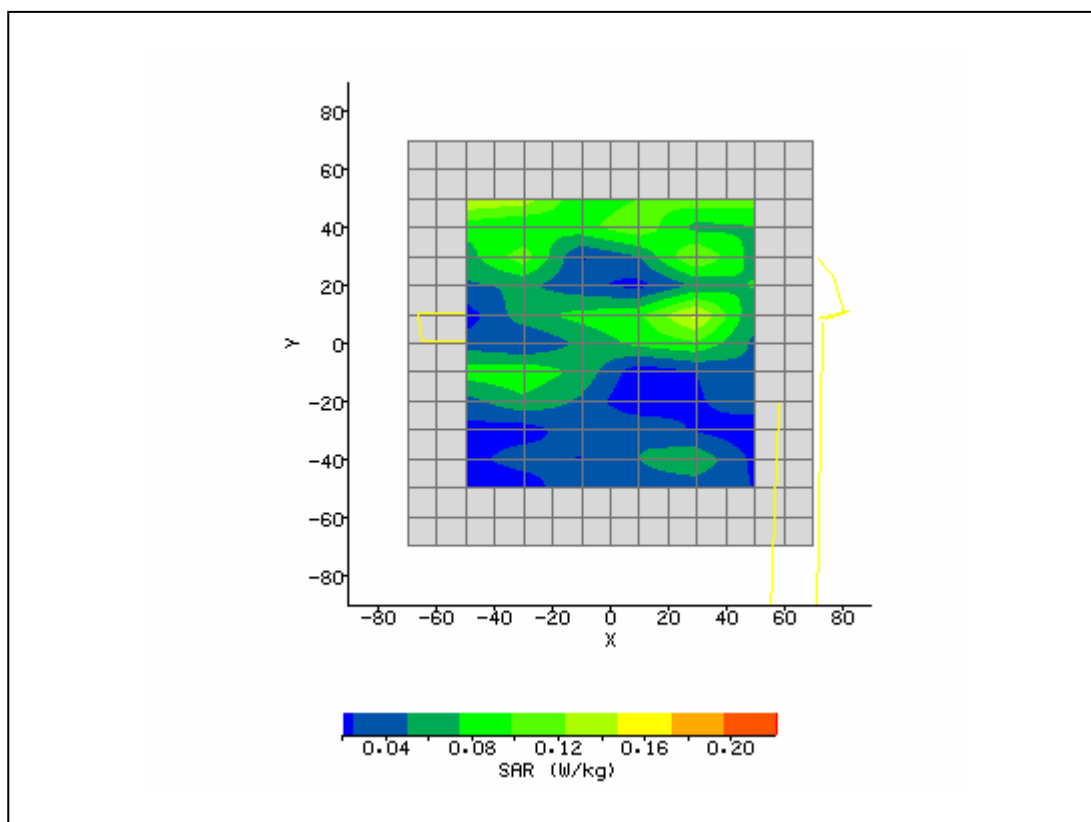
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 13 of 30

|                                           |                       |                                    |            |
|-------------------------------------------|-----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM      | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 4:03:19 PM   | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Back_52_chainB_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C                | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                  | <b>Relative Permittivity:</b>      | 5180MHz    |
| <b>Relative Humidity:</b>                 | 30%                   | <b>Conductivity:</b>               | 5180MHz    |
| <b>Phantom S/No:</b>                      | HeadBox1.csv          | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                    | <b>Max SAR X-axis Location:</b>    | -50.00 mm  |
| <b>DUT Position:</b>                      | Lap                   | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A               | <b>Max E Field:</b>                | 7.01 V/m   |
| <b>Test Frequency:</b>                    | 5180MHz               | <b>SAR 1g:</b>                     | 0.122 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238    | <b>SAR 10g:</b>                    | 0.100 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494    | <b>SAR Start:</b>                  | 0.095 W/kg |
| <b>Type of Modulation:</b>                |                       | <b>SAR End:</b>                    | 0.094 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                       | <b>SAR Drift during Scan:</b>      | -1.05 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20          | <b>Probe battery last changed:</b> | 03/05/07   |
| <b>Input Power Level:</b>                 | max                   | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

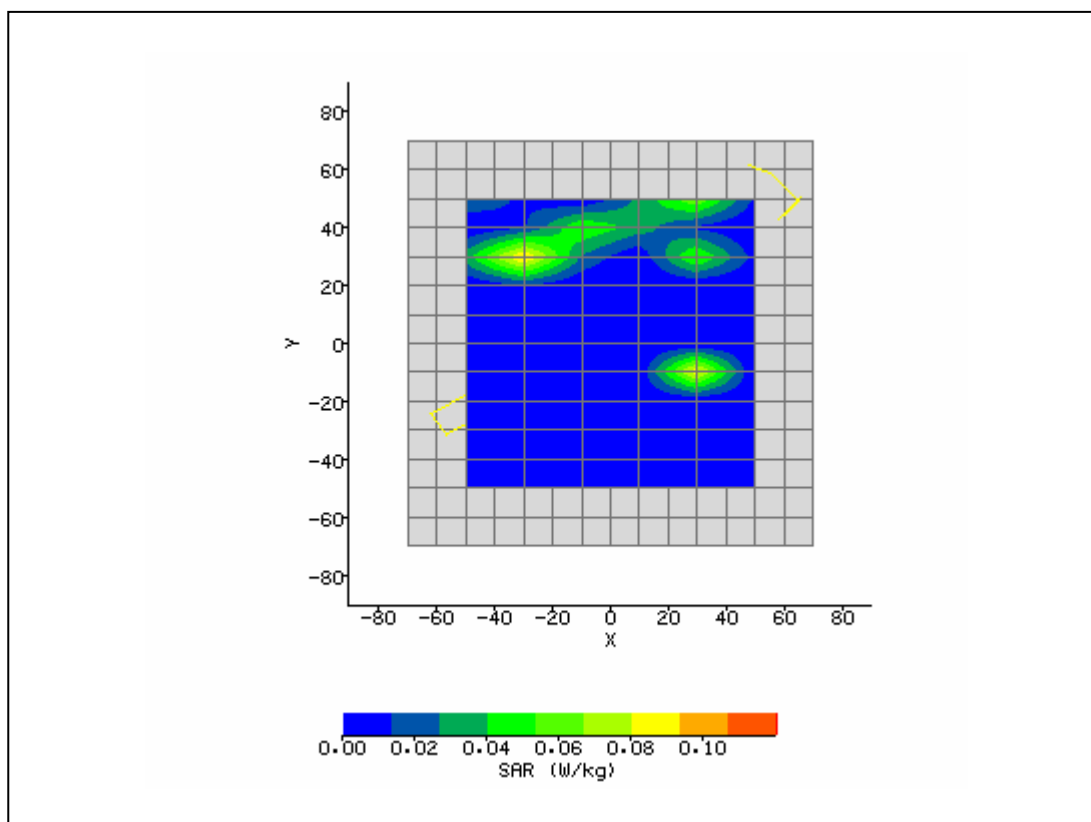
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 14 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 5:53:45 PM  | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Lap_48_chainB_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 5180MHz    |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 5180MHz    |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 26.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 4.67 V/m   |
| <b>Test Frequency:</b>                    | 5180MHz              | <b>SAR 1g:</b>                     | 0.042 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.023 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494   | <b>SAR Start:</b>                  | 0.013 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.013 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | -1.43 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

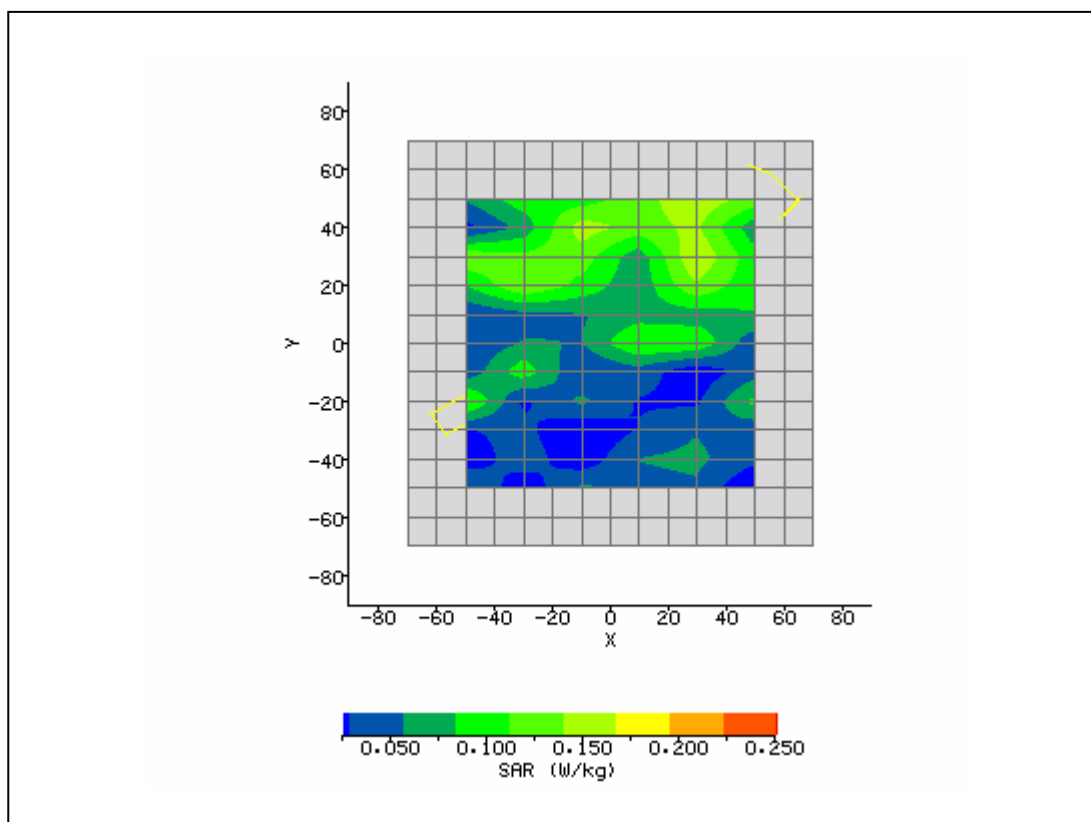
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 15 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 5:11:57 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | temp.txt            | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 48.06      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 5.226      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 28.00 mm   |
| <b>DUT Position:</b>                      | Lap                 | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A             | <b>Max E Field:</b>                | 6.83 V/m   |
| <b>Test Frequency:</b>                    | 5240MHz             | <b>SAR 1g:</b>                     | 0.135 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238  | <b>SAR 10g:</b>                    | 0.129 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494  | <b>SAR Start:</b>                  | 0.132 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.132 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | -1.66 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

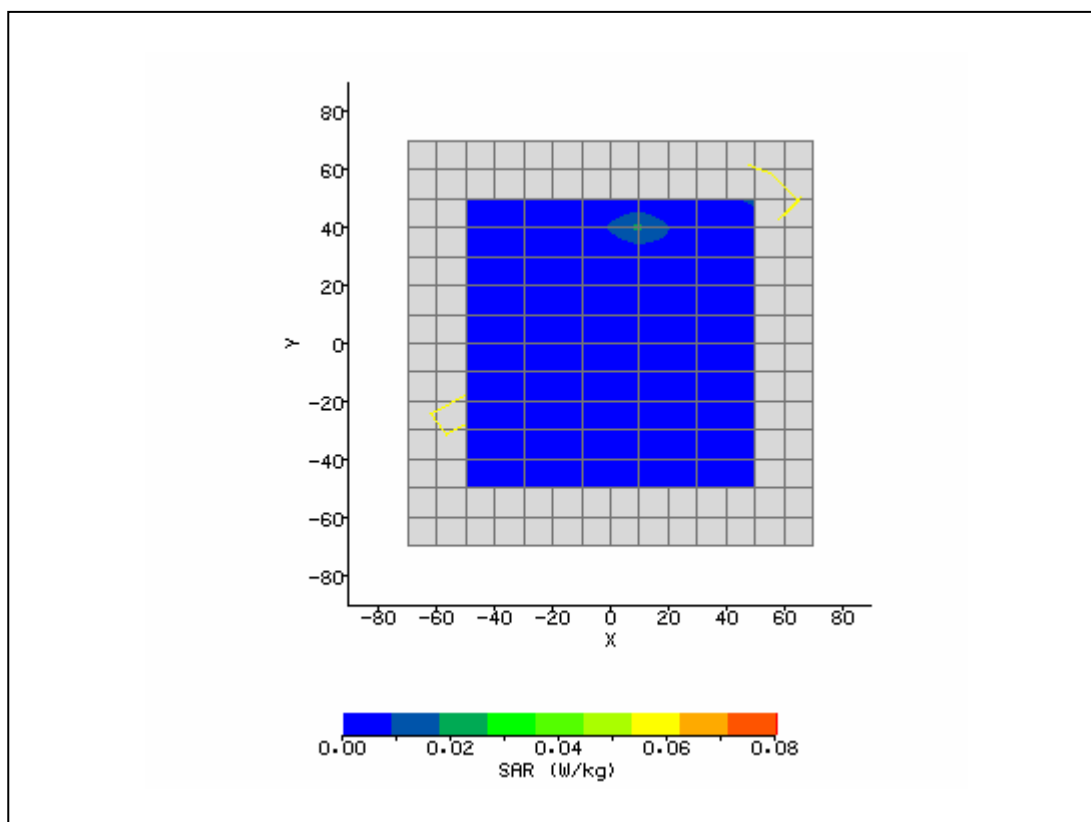
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 16 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 5:35:56 PM  | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Lap_48_chainA_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 48.06      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 5.226      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 4.70 V/m   |
| <b>Test Frequency:</b>                    | 5240MHz              | <b>SAR 1g:</b>                     | 0.048 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.018 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494   | <b>SAR Start:</b>                  | 0.004 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.004 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | 2.58 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

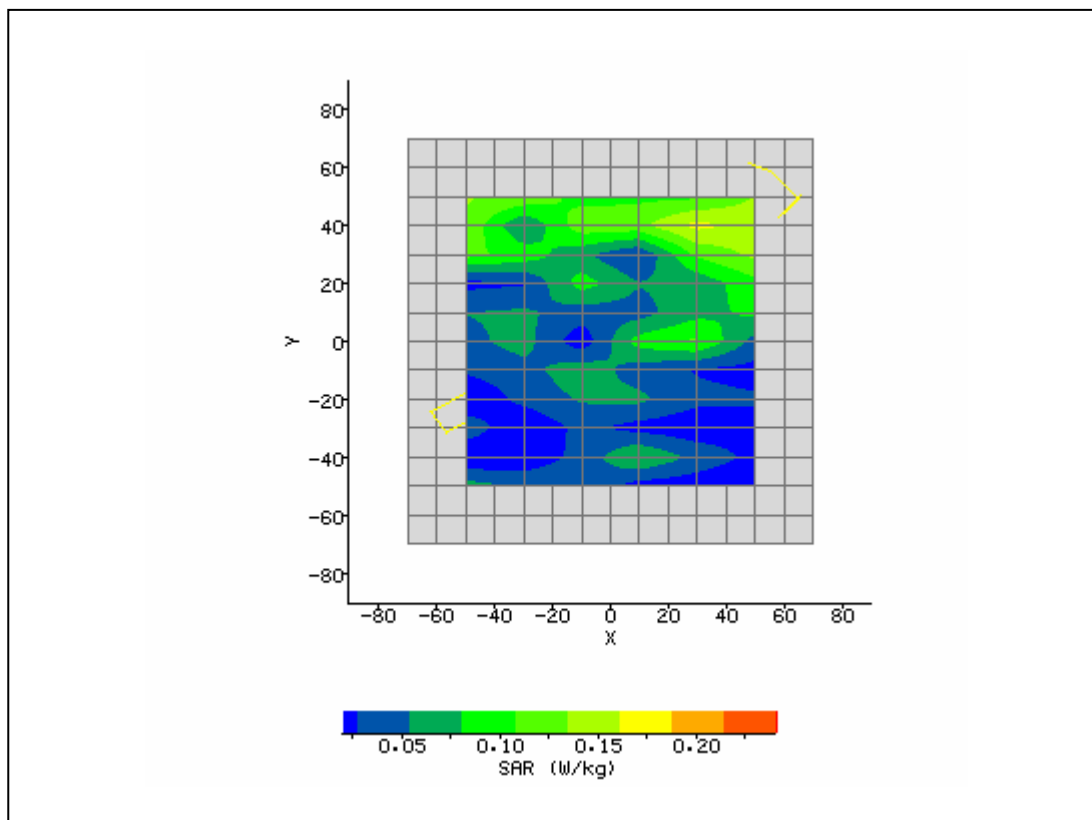
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 17 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 1:40:03 PM  | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Lap_52_chainB_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 48.00      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 5.218      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | lap                  | <b>Max SAR Y-axis Location:</b>    | 38.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A              | <b>Max E Field:</b>                | 6.52 V/m   |
| <b>Test Frequency:</b>                    | 5260MHz              | <b>SAR 1g:</b>                     | 0.137 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.125 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494   | <b>SAR Start:</b>                  | 0.097 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.097 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | -1.28 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/05/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

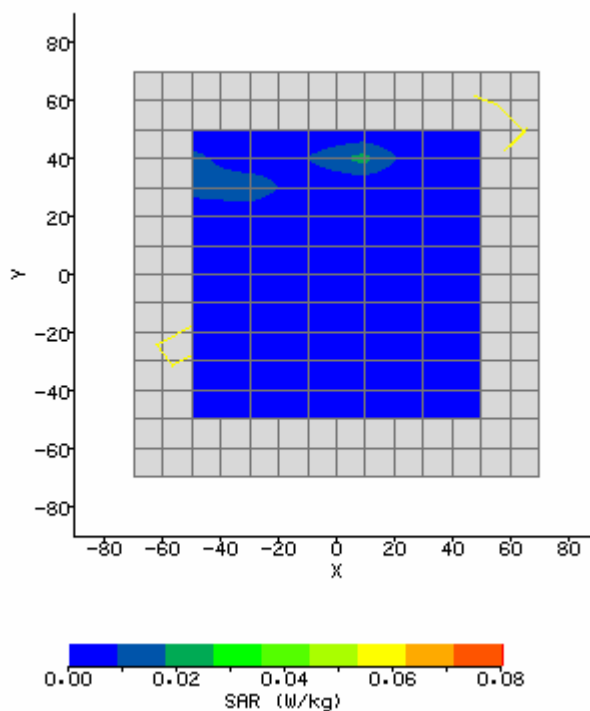
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 18 of 30

|                                           |                       |                                    |            |
|-------------------------------------------|-----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM      | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 3:09:53 PM   | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Back_52_chainB_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C                | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                  | <b>Relative Permittivity:</b>      | 48.00      |
| <b>Relative Humidity:</b>                 | 30%                   | <b>Conductivity:</b>               | 5.218      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv          | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                    | <b>Max SAR X-axis Location:</b>    | -60.0 mm   |
| <b>DUT Position:</b>                      | Lap                   | <b>Max SAR Y-axis Location:</b>    | 34.0 mm    |
| <b>Antenna Configuration:</b>             | Chain B               | <b>Max E Field:</b>                | 5.88 V/m   |
| <b>Test Frequency:</b>                    | 5260MHz               | <b>SAR 1g:</b>                     | 0.034 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238    | <b>SAR 10g:</b>                    | 0.019 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494    | <b>SAR Start:</b>                  | 0.012 W/kg |
| <b>Type of Modulation:</b>                |                       | <b>SAR End:</b>                    | 0.012 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                       | <b>SAR Drift during Scan:</b>      | -1.80 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20          | <b>Probe battery last changed:</b> | 03/05/07   |
| <b>Input Power Level:</b>                 | max                   | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

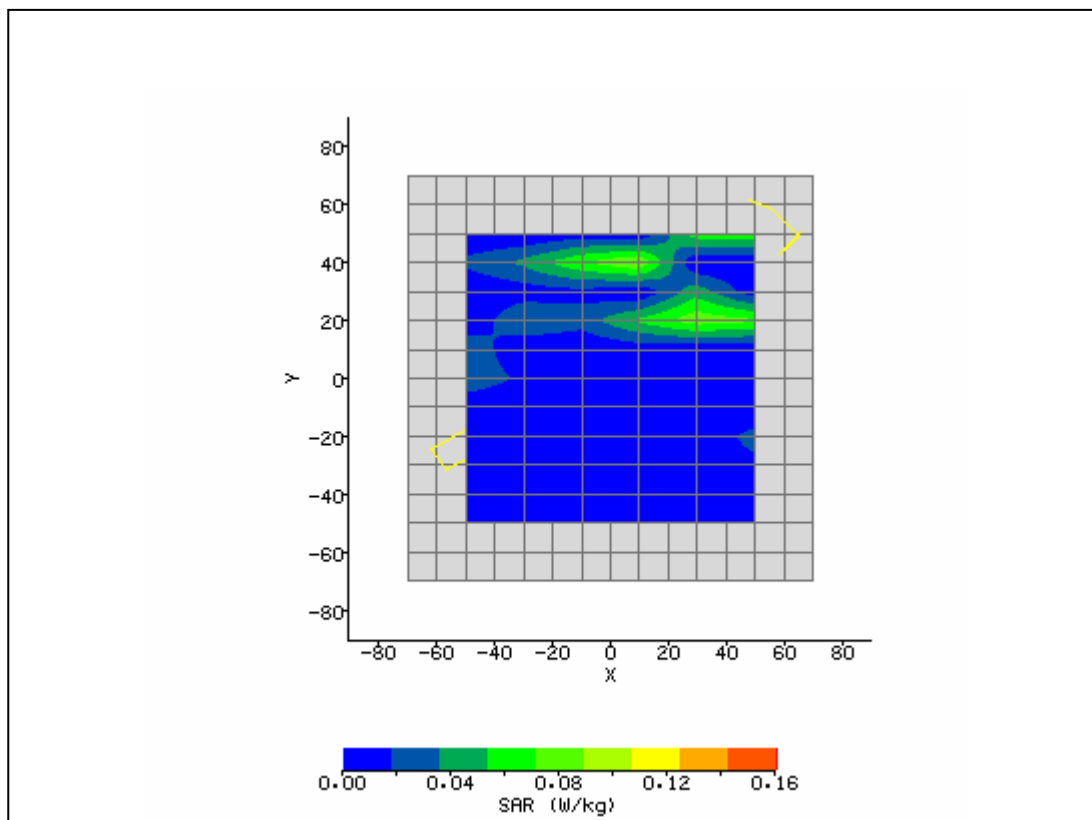
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 19 of 30

|                                           |                       |                                    |            |
|-------------------------------------------|-----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM      | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 4:03:19 PM   | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Back_52_chainB_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C                | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                  | <b>Relative Permittivity:</b>      | 47.86      |
| <b>Relative Humidity:</b>                 | 30%                   | <b>Conductivity:</b>               | 5.199      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv          | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                    | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | Lap                   | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A               | <b>Max E Field:</b>                | 7.01 V/m   |
| <b>Test Frequency:</b>                    | 5320MHz               | <b>SAR 1g:</b>                     | 0.146 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238    | <b>SAR 10g:</b>                    | 0.130 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494    | <b>SAR Start:</b>                  | 0.100 W/kg |
| <b>Type of Modulation:</b>                |                       | <b>SAR End:</b>                    | 0.096 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                       | <b>SAR Drift during Scan:</b>      | -4.00 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20          | <b>Probe battery last changed:</b> | 03/05/07   |
| <b>Input Power Level:</b>                 | max                   | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

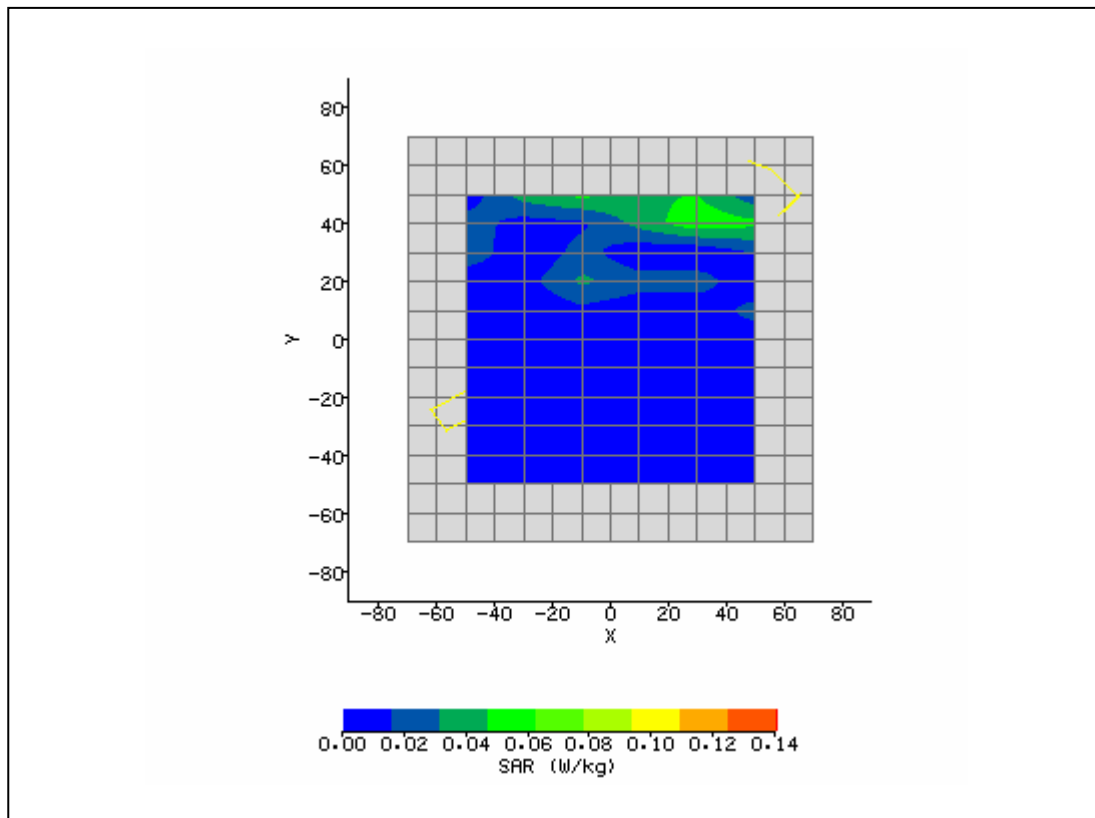
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 20 of 30

|                                           |                       |                                    |            |
|-------------------------------------------|-----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM      | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 2:40:50 PM   | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Left_52_chainA_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C                | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                  | <b>Relative Permittivity:</b>      | 47.86      |
| <b>Relative Humidity:</b>                 | 30%                   | <b>Conductivity:</b>               | 5.199      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv          | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                    | <b>Max SAR X-axis Location:</b>    | -8.00 mm   |
| <b>DUT Position:</b>                      | lap                   | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B               | <b>Max E Field:</b>                | 5.06 V/m   |
| <b>Test Frequency:</b>                    | 5320MHz               | <b>SAR 1g:</b>                     | 0.034 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238    | <b>SAR 10g:</b>                    | 0.019 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494    | <b>SAR Start:</b>                  | 0.022 W/kg |
| <b>Type of Modulation:</b>                |                       | <b>SAR End:</b>                    | 0.022 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                       | <b>SAR Drift during Scan:</b>      | -1.78 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20          | <b>Probe battery last changed:</b> | 03/05/07   |
| <b>Input Power Level:</b>                 | max                   | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

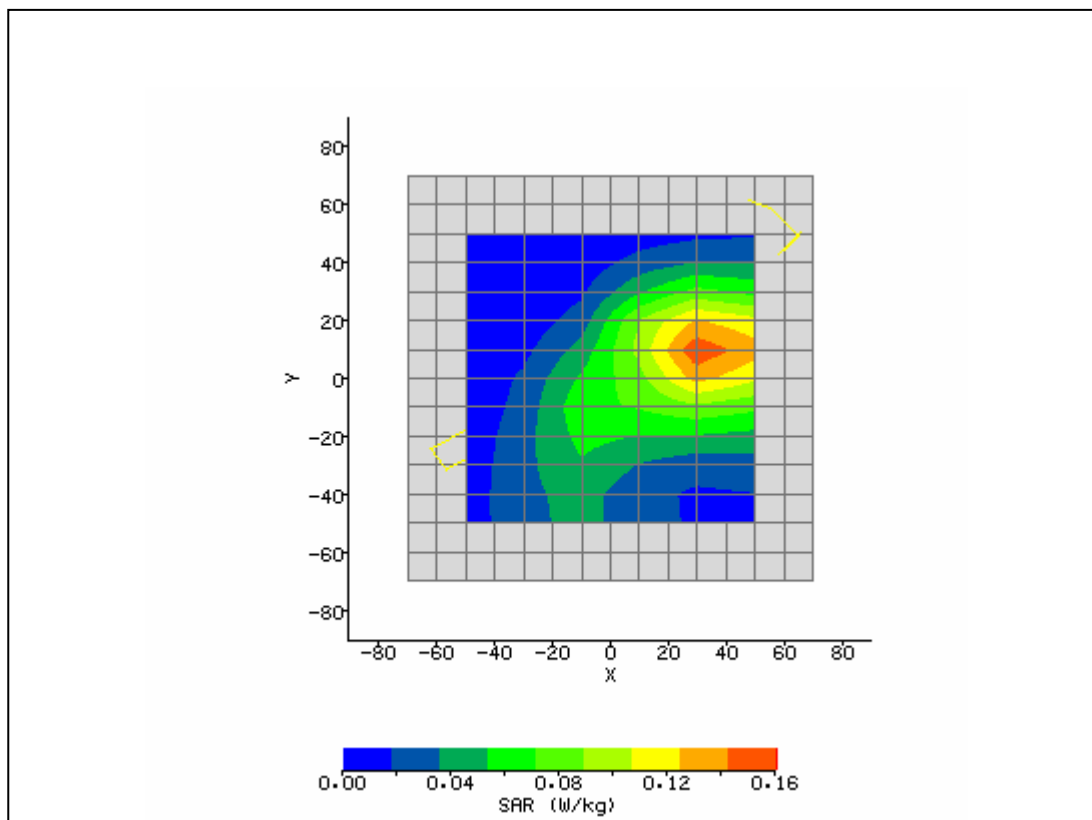
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 21 of 30

|                                               |                            |                                        |            |
|-----------------------------------------------|----------------------------|----------------------------------------|------------|
| <b>System / software:</b>                     | SARA2 / 2.40 VPM           | <b>Input Power Drift:</b>              |            |
| <b>Date / Time:</b>                           | 3/6/2007 3:26:11 PM        | <b>DUT Battery Model/No:</b>           |            |
| <b>Filename:</b>                              | lap157A+BT_batt_3d.tx<br>t | <b>Probe Serial Number:</b>            | M0024      |
| <b>Ambient Temperature:</b>                   | 22.8°C                     | <b>Liquid Simulant:</b>                | 5200       |
| <b>Device Under Test:</b>                     | Sony                       | <b>Relative Permittivity:</b>          | 47.86      |
| <b>Relative Humidity:</b>                     | 30%                        | <b>Conductivity:</b>                   | 5.199      |
| <b>Phantom S/No:</b>                          | HeadBox1.csv               | <b>Liquid Temperature:</b>             | 22.0°C     |
| <b>Phantom Rotation:</b>                      | 0°                         | <b>Max SAR X-axis<br/>Location:</b>    | 34.10 mm   |
| <b>DUT Position:</b>                          | Lap, battery               | <b>Max SAR Y-axis<br/>Location:</b>    | 11.00 mm   |
| <b>Antenna<br/>Configuration:</b>             | Chain A                    | <b>Max E Field:</b>                    | 7.53 V/m   |
| <b>Test Frequency:</b>                        | 5320 & 2402 BT MHz         | <b>SAR 1g:</b>                         | 0.154 W/kg |
| <b>Air Factors:</b>                           | 2685 / 2277 / 2238         | <b>SAR 10g:</b>                        | 0.107 W/kg |
| <b>Conversion Factors:</b>                    | .583 / .583 / .583         | <b>SAR Start:</b>                      | 0.085 W/kg |
| <b>Type of Modulation:</b>                    |                            | <b>SAR End:</b>                        | 0.084 W/kg |
| <b>Modn. Duty Cycle:</b>                      |                            | <b>SAR Drift during Scan:</b>          | -1.18 %    |
| <b>Diode Compression<br/>Factors (V*200):</b> | 20 / 20 / 20               | <b>Probe battery last<br/>changed:</b> | 03/08/07   |
| <b>Input Power Level:</b>                     | max                        | <b>Extrapolation:</b>                  | poly4      |



SAR Test Report No.:

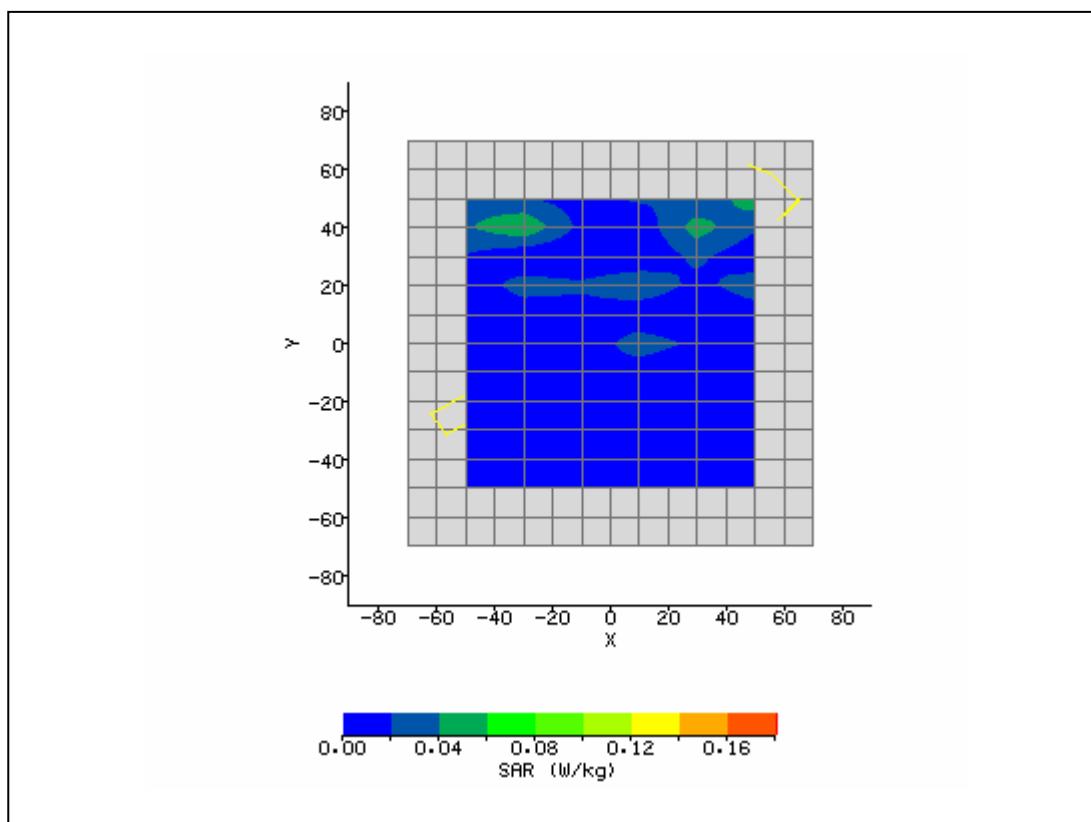
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 22 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/6/2007 2:21:15 PM  | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Lap_52_chainA_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5200       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 48.06      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 5.226      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | lap                  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 5.57 V/m   |
| <b>Test Frequency:</b>                    | 5240 & 2402 BTMhz    | <b>SAR 1g:</b>                     | 0.060 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.047 W/kg |
| <b>Conversion Factors:</b>                | .494 / .494 / .494   | <b>SAR Start:</b>                  | 0.032 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.032 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | 2.84 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/05/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

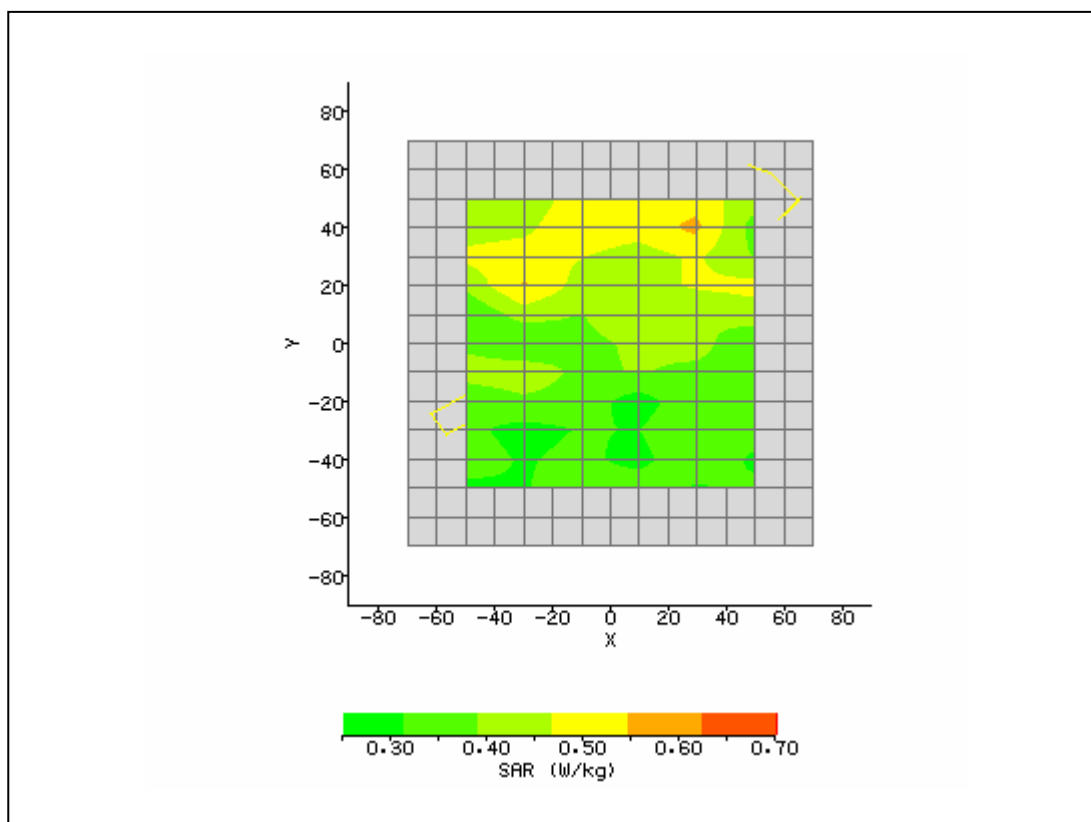
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 23 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 10:54:26 AM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | temp.txt             | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5800       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 47.71      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 5.875      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 20.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 41.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A              | <b>Max E Field:</b>                | 10.80 V/m  |
| <b>Test Frequency:</b>                    | 5745MHz              | <b>SAR 1g:</b>                     | 0.372 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.223 W/kg |
| <b>Conversion Factors:</b>                | .583 / .583 / .583   | <b>SAR Start:</b>                  | 0.186 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.181 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | -2.69 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

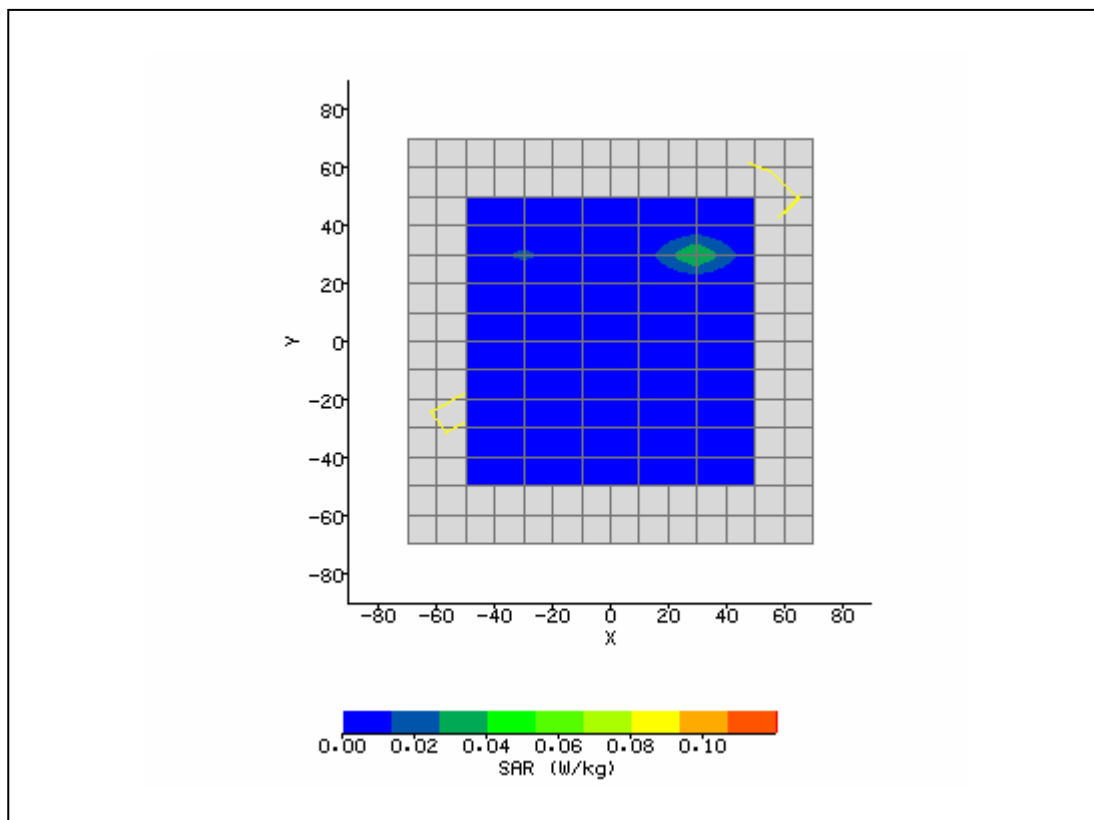
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 24 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 1:41:38 PM  | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Left157B_batt_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5800       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 47.71      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 5.875      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 28.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 30.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 4.10 V/m   |
| <b>Test Frequency:</b>                    | 5745MHz              | <b>SAR 1g:</b>                     | 0.043 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.023 W/kg |
| <b>Conversion Factors:</b>                | .583 / .583 / .583   | <b>SAR Start:</b>                  | 0.005 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.005 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | 4.51 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

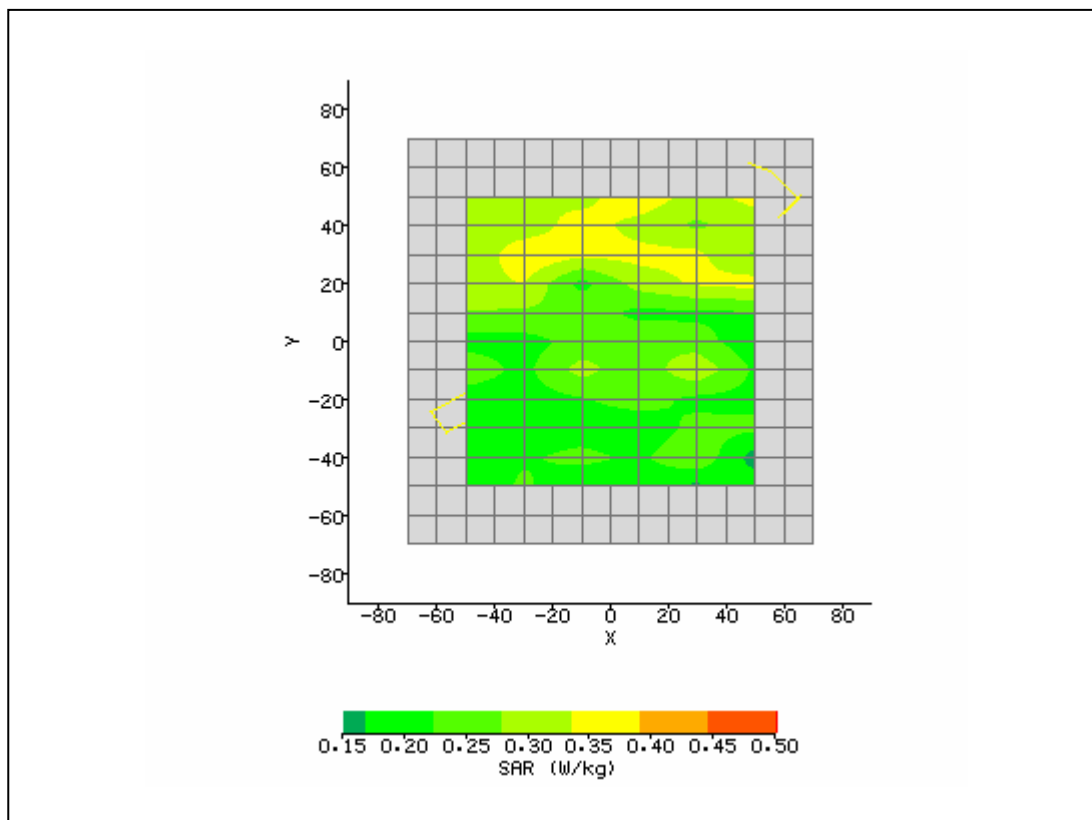
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 25 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 11:18:52 AM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | back149_3d.txt       | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5800       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 46.89      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 6.044      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 10.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain A              | <b>Max E Field:</b>                | 9.13 V/m   |
| <b>Test Frequency:</b>                    | 5785MHz              | <b>SAR 1g:</b>                     | 0.347 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.327 W/kg |
| <b>Conversion Factors:</b>                | .583 / .583 / .583   | <b>SAR Start:</b>                  | 0.331 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.338 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | 2.12 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

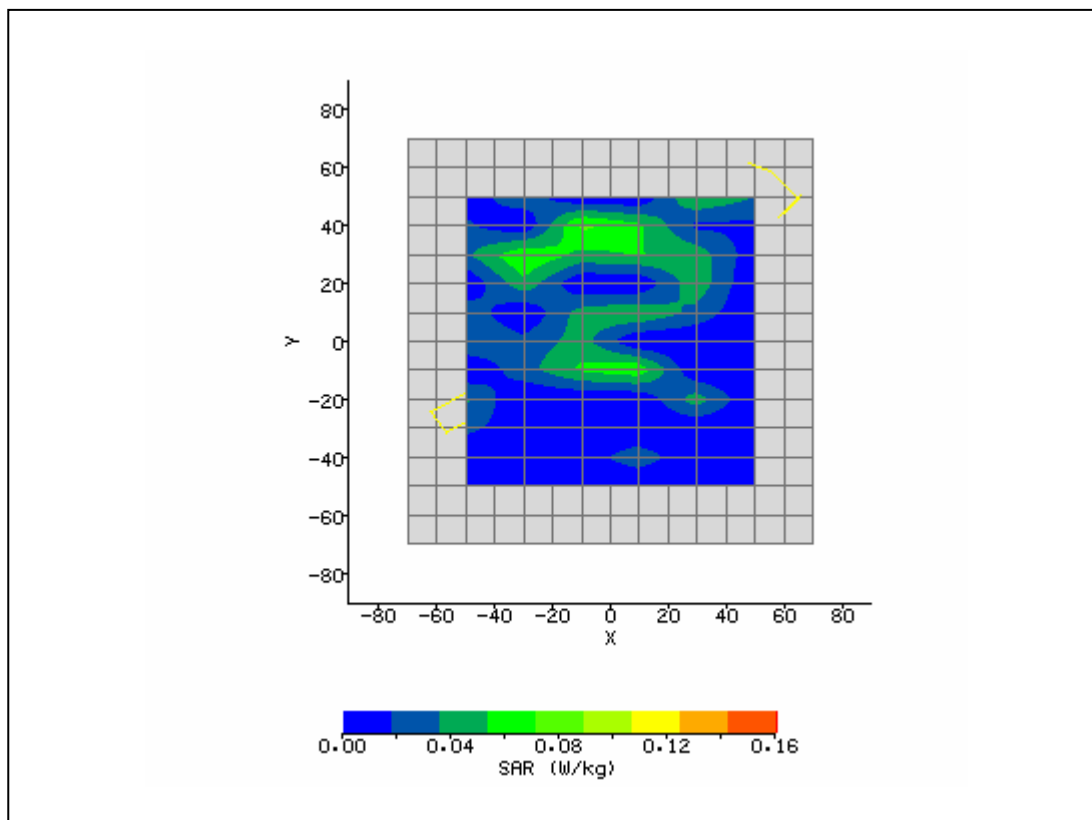
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 26 of 30

|                                           |                     |                                    |            |
|-------------------------------------------|---------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM    | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/8/2007 1:58:04 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | temp.txt            | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C              | <b>Liquid Simulant:</b>            | 5800       |
| <b>Device Under Test:</b>                 | Sony                | <b>Relative Permittivity:</b>      | 46.89      |
| <b>Relative Humidity:</b>                 | 30%                 | <b>Conductivity:</b>               | 6.044      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv        | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                  | <b>Max SAR X-axis Location:</b>    | 0.00 mm    |
| <b>DUT Position:</b>                      | Lap                 | <b>Max SAR Y-axis Location:</b>    | 35.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B             | <b>Max E Field:</b>                | 4.86 V/m   |
| <b>Test Frequency:</b>                    | 5785 MHz            | <b>SAR 1g:</b>                     | 0.053 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238  | <b>SAR 10g:</b>                    | 0.044 W/kg |
| <b>Conversion Factors:</b>                | .583 / .583 / .583  | <b>SAR Start:</b>                  | 0.044 W/kg |
| <b>Type of Modulation:</b>                |                     | <b>SAR End:</b>                    | 0.045 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                     | <b>SAR Drift during Scan:</b>      | 3.58 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20        | <b>Probe battery last changed:</b> | 03/08/07   |
| <b>Input Power Level:</b>                 | max                 | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

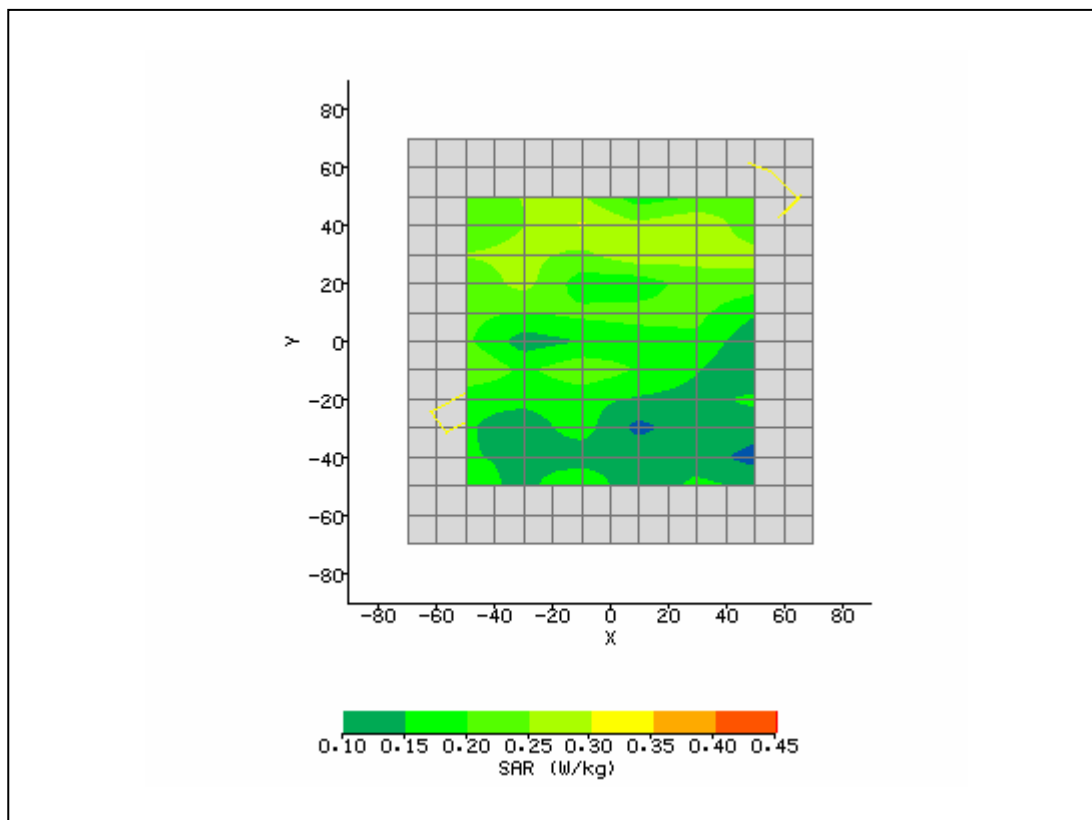
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 27 of 30

|                                    |                      |                             |            |
|------------------------------------|----------------------|-----------------------------|------------|
| System / software:                 | SARA2 / 2.40 VPM     | Input Power Drift:          |            |
| Date / Time:                       | 3/7/2007 11:42:54 AM | DUT Battery Model/No:       |            |
| Filename:                          | back157_3d.txt       | Probe Serial Number:        | M0024      |
| Ambient Temperature:               | 22.8°C               | Liquid Simulant:            | 5800       |
| Device Under Test:                 | Sony                 | Relative Permittivity:      | 46.56      |
| Relative Humidity:                 | 30%                  | Conductivity:               | 6.106      |
| Phantom S/No:                      | HeadBox1.csv         | Liquid Temperature:         | 22.0°C     |
| Phantom Rotation:                  | 0°                   | Max SAR X-axis Location:    | -10.00 mm  |
| DUT Position:                      | Lap                  | Max SAR Y-axis Location:    | 38.00 mm   |
| Antenna Configuration:             | Chain A              | Max E Field:                | 8.14 V/m   |
| Test Frequency:                    | 5825MHz              | SAR 1g:                     | 0.351 W/kg |
| Air Factors:                       | 2685 / 2277 / 2238   | SAR 10g:                    | 0.089 W/kg |
| Conversion Factors:                | .583 / .583 / .583   | SAR Start:                  | 0.233 W/kg |
| Type of Modulation:                |                      | SAR End:                    | 0.233 W/kg |
| Modn. Duty Cycle:                  |                      | SAR Drift during Scan:      | 0.44 %     |
| Diode Compression Factors (V*200): | 20 / 20 / 20         | Probe battery last changed: | 03/06/07   |
| Input Power Level:                 | max                  | Extrapolation:              | poly4      |



SAR Test Report No.:

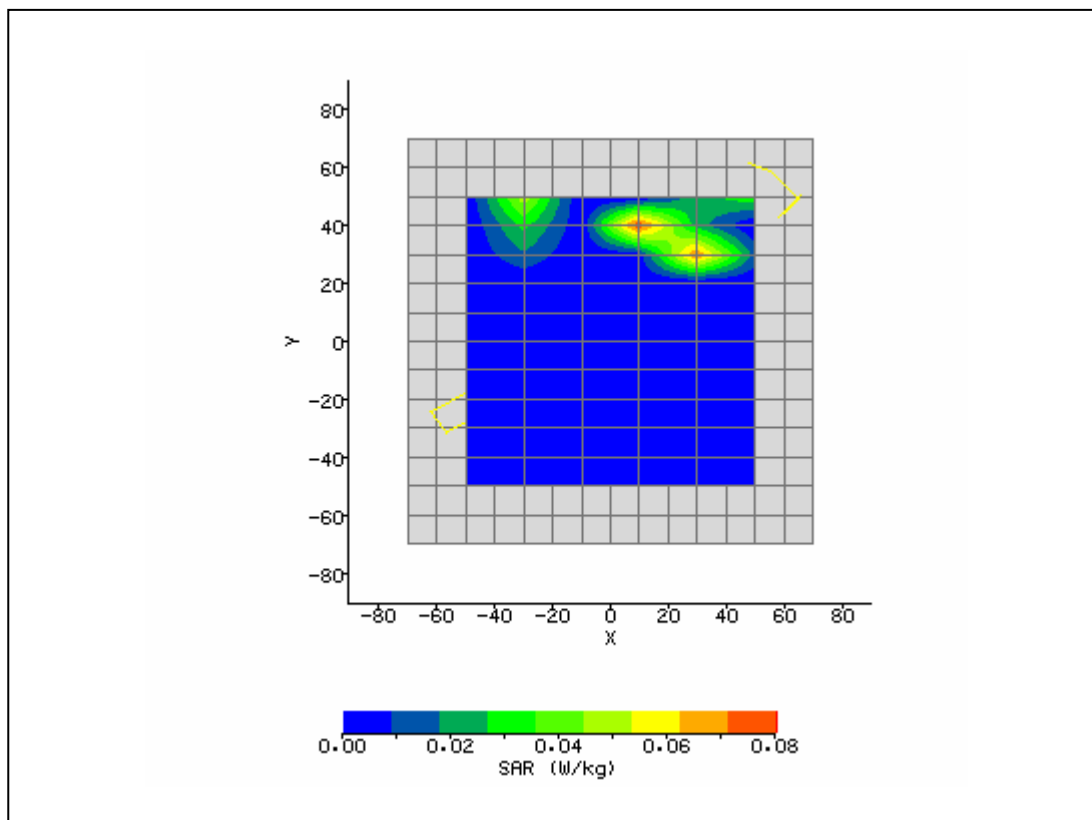
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 28 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 1:21:09 PM  | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | Left157A_batt_3d.txt | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5800       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 46.56      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 6.106      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 18.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 37.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 3.42 V/m   |
| <b>Test Frequency:</b>                    | 5825MHz              | <b>SAR 1g:</b>                     | 0.032 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.014 W/kg |
| <b>Conversion Factors:</b>                | .583 / .583 / .583   | <b>SAR Start:</b>                  | 0.013 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.013 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | 4.51 %     |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

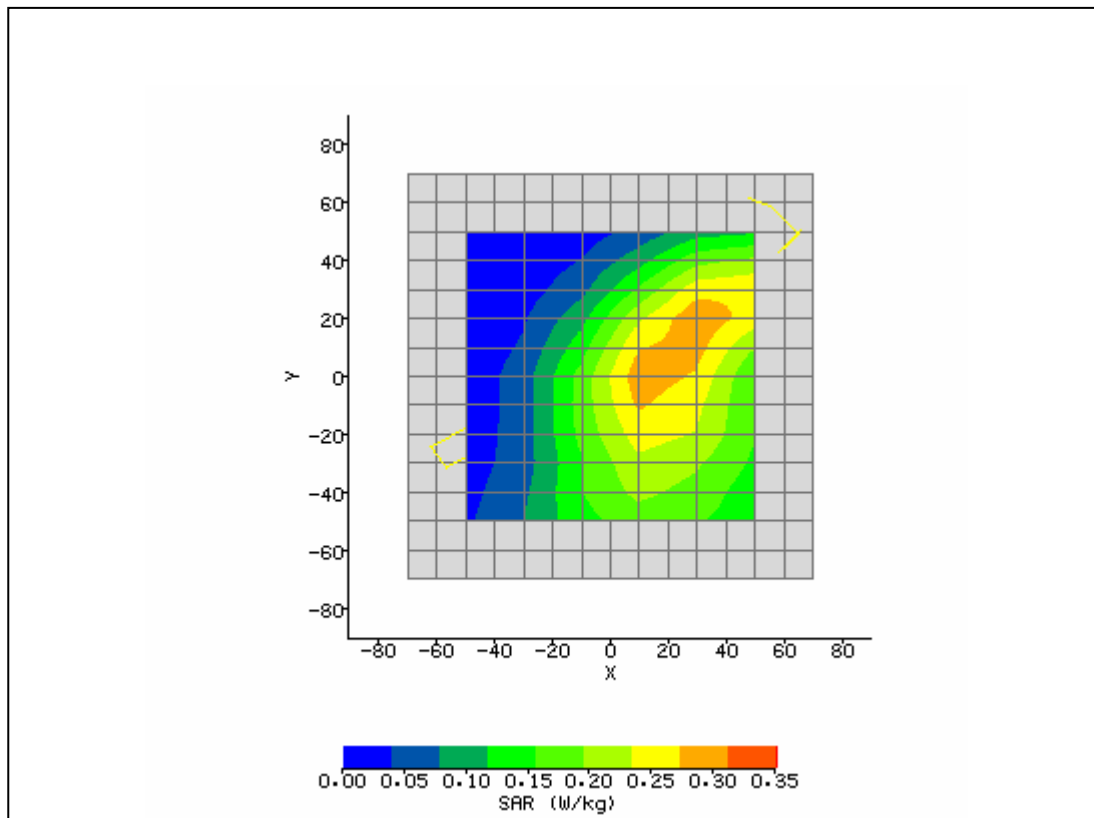
SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 29 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 10:54:26 AM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | temp.txt             | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5800       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 47.71      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 5.875      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 18.10 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 3.00 mm    |
| <b>Antenna Configuration:</b>             | Chain A              | <b>Max E Field:</b>                | 10.95 V/m  |
| <b>Test Frequency:</b>                    | 5745MHz & 2402 BT    | <b>SAR 1g:</b>                     | 0.386 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.256 W/kg |
| <b>Conversion Factors:</b>                | .583 / .583 / .583   | <b>SAR Start:</b>                  | 0.116 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.116 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | -0.01 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |



SAR Test Report No.:

SAR\_SONYE\_016\_07001\_ES720\_FCC\_850\_1900\_2400\_5000

Date of Report: 4/24/2007

## Appendix A Plots

Page 30 of 30

|                                           |                      |                                    |            |
|-------------------------------------------|----------------------|------------------------------------|------------|
| <b>System / software:</b>                 | SARA2 / 2.40 VPM     | <b>Input Power Drift:</b>          |            |
| <b>Date / Time:</b>                       | 3/7/2007 12:07:52 PM | <b>DUT Battery Model/No:</b>       |            |
| <b>Filename:</b>                          | back165A_3d.txt      | <b>Probe Serial Number:</b>        | M0024      |
| <b>Ambient Temperature:</b>               | 22.8°C               | <b>Liquid Simulant:</b>            | 5800       |
| <b>Device Under Test:</b>                 | Sony                 | <b>Relative Permittivity:</b>      | 46.89      |
| <b>Relative Humidity:</b>                 | 30%                  | <b>Conductivity:</b>               | 6.044      |
| <b>Phantom S/No:</b>                      | HeadBox1.csv         | <b>Liquid Temperature:</b>         | 22.0°C     |
| <b>Phantom Rotation:</b>                  | 0°                   | <b>Max SAR X-axis Location:</b>    | 50.00 mm   |
| <b>DUT Position:</b>                      | Lap                  | <b>Max SAR Y-axis Location:</b>    | 50.00 mm   |
| <b>Antenna Configuration:</b>             | Chain B              | <b>Max E Field:</b>                | 5.18 V/m   |
| <b>Test Frequency:</b>                    | 5785MHz & 2402 BT    | <b>SAR 1g:</b>                     | 0.069 W/kg |
| <b>Air Factors:</b>                       | 2685 / 2277 / 2238   | <b>SAR 10g:</b>                    | 0.050 W/kg |
| <b>Conversion Factors:</b>                | .583 / .583 / .583   | <b>SAR Start:</b>                  | 0.064 W/kg |
| <b>Type of Modulation:</b>                |                      | <b>SAR End:</b>                    | 0.064 W/kg |
| <b>Modn. Duty Cycle:</b>                  |                      | <b>SAR Drift during Scan:</b>      | -3.76 %    |
| <b>Diode Compression Factors (V*200):</b> | 20 / 20 / 20         | <b>Probe battery last changed:</b> | 03/06/07   |
| <b>Input Power Level:</b>                 | max                  | <b>Extrapolation:</b>              | poly4      |

