

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

## T62u

SAM 1031(R) Phantom; Righ Hand Section; Position: (91°,299°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1583; ConvF(5.32,5.32,5.32); Crest factor: 3.0; Head 1900 MHz:  $\sigma = 1.41$  mho/m  $\epsilon_r = 39.6$   $\rho = 1.00$  g/cm<sup>3</sup>

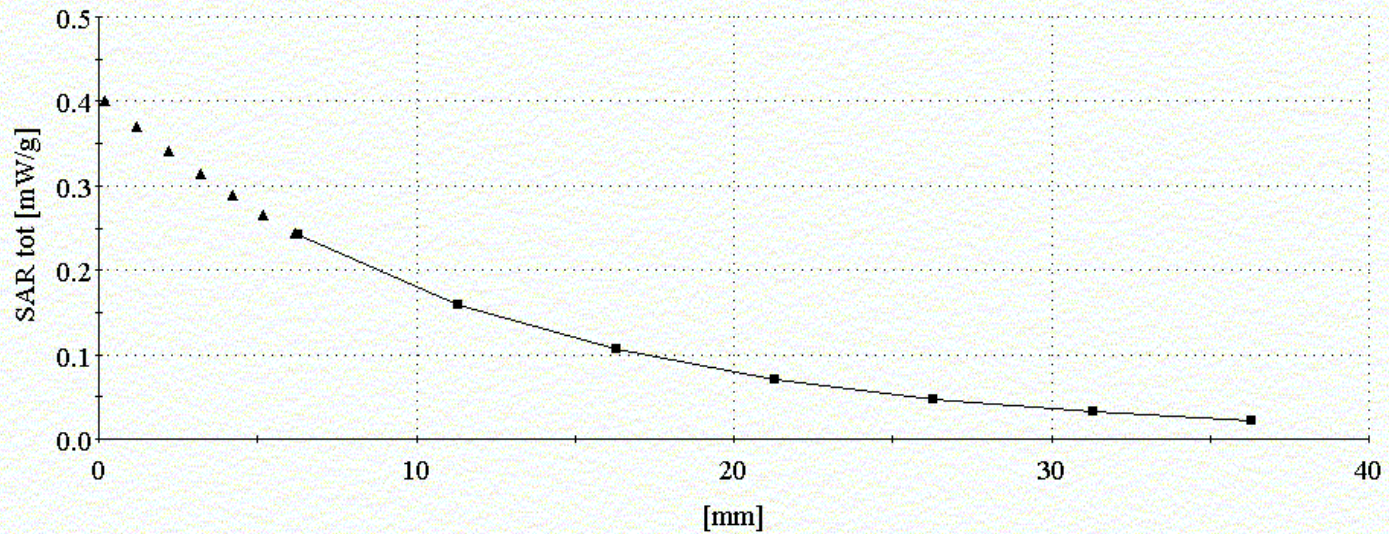
Cube 5x5x7: SAR (1g): 0.407 mW/g, SAR (10g): 0.249 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

; Measured date: 05/28/02

FCC right T62u TDMA1900\_MZVQ\_CH0002\_C01

SN: UA2020MZVQ Battery: BKB 193 1051



**SAR Extrapolation to the phantom inner surface. Measured for Maximum SAR in 1900 TDMA band, while phone is against the right hand side of head in the “cheek” position.**

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

T62u

SAM 1031(R) Phantom; Righ Hand Section; Position: (106°,299°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1583; ConvF(5.32,5.32,5.32); Crest factor: 3.0; Head 1900 MHz:  $\sigma = 1.41 \text{ mho/m}$   $\epsilon_r = 39.6$   $\rho = 1.00 \text{ g/cm}^3$

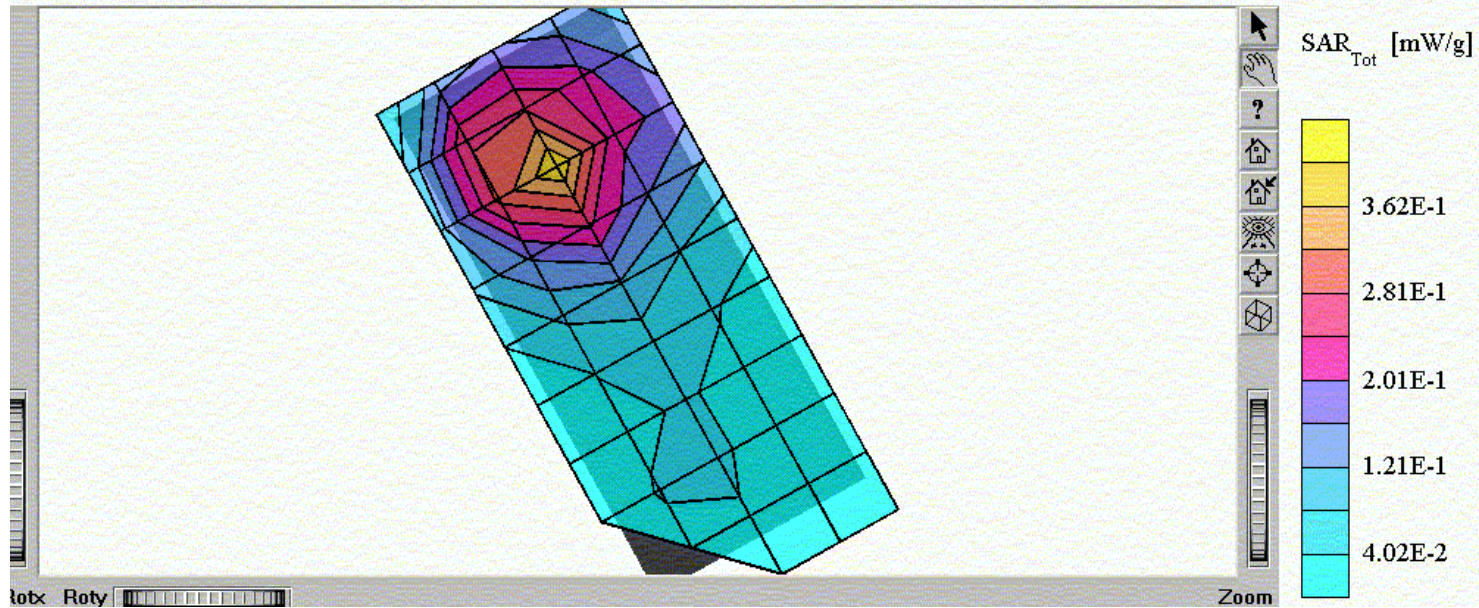
Cube 5x5x7: SAR (1g): 0.467 mW/g, SAR (10g): 0.278 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.10 dB; Measured date: 05/28/02

FCC right T62u TDMA1900\_MZVQ\_CH0002\_T01

SN:UA2020MZVQ Battery:BKB 193 1051



**Distribution of maximum SAR in 1900 TDMA band. Measured against the right hand side of the head in the "Tilt" position.**

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

## T62u

SAM 1031(R) Phantom; Righ Hand Section; Position: (106°,299°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1583; ConvF(5.32,5.32,5.32); Crest factor: 3.0; Head 1900 MHz:  $\sigma = 1.41$  mho/m  $\epsilon_r = 39.6$   $\rho = 1.00$  g/cm<sup>3</sup>

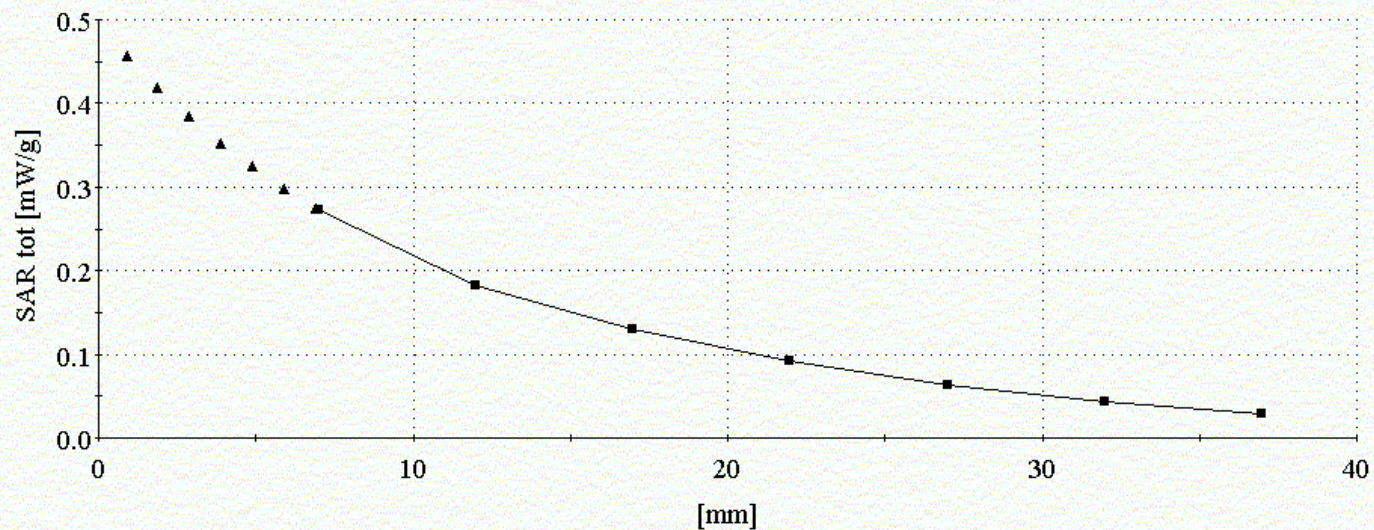
Cube 5x5x7: SAR (1g): 0.467 mW/g, SAR (10g): 0.278 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

; Measured date: 05/28/02

FCC right T62u TDMA1900\_MZVQ\_CH0002\_T01

SN:UA2020MZVQ Battery:BKB 193 1051



**SAR Extrapolation to the phantom inner surface. Measured for Maximum SAR in 1900 TDMA band, while phone is against the right hand side of head in the “tilt” position.**

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

## T62u

SAM 1031(R) Phantom; Righ Hand Section; Position: (91°,299°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1583; ConvF(5.32,5.32,5.32); Crest factor: 8.0; Head 1900 MHz:  $\sigma = 1.41$  mho/m  $\epsilon_r = 39.6$   $\rho = 1.00$  g/cm<sup>3</sup>

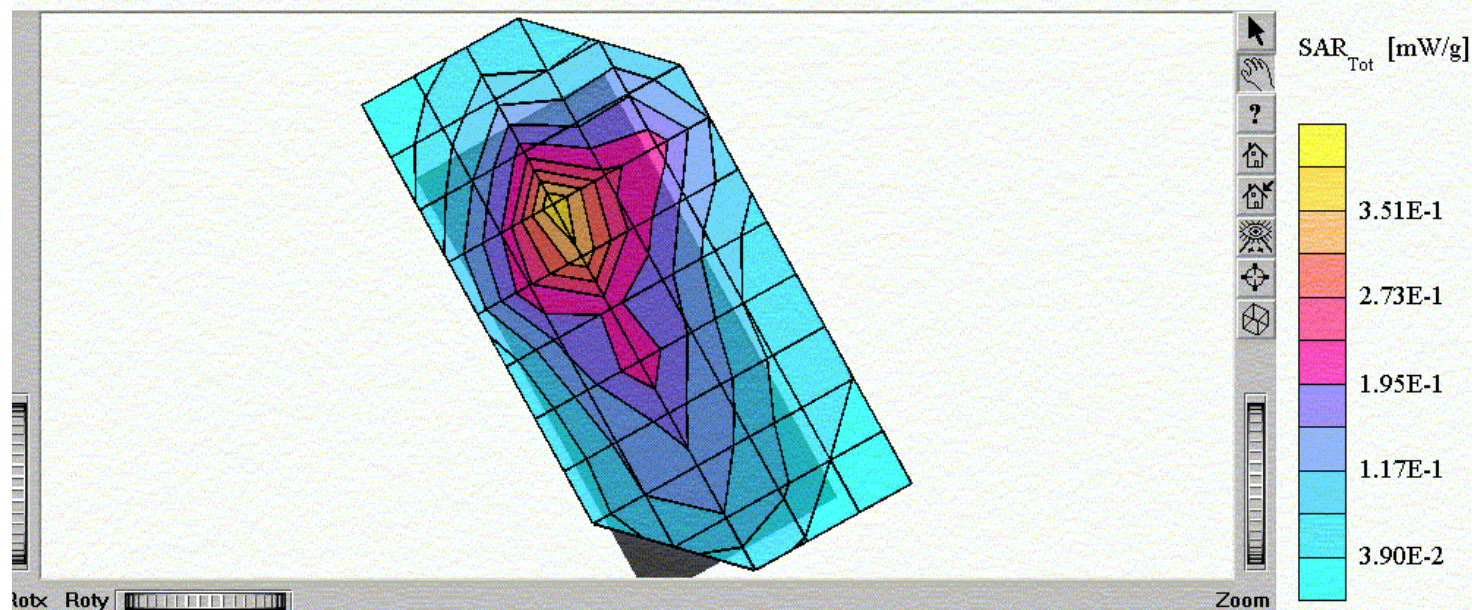
Cube 5x5x7: SAR (1g): 0.395 mW/g, SAR (10g): 0.243 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.02 dB; Measured date: 05/28/02

FCC right T62u GSM1900\_MZVQ\_CH512\_C01

SN: UA2020MZVQ Battery: BKB 193 1051



**Distribution of maximum SAR in 1900 GSM band. Measured against the right hand side of the head in the "Cheek" position.**

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

## T62u

SAM 1031(R) Phantom; Right Hand Section; Position: (91°,299°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1583; ConvF(5.32,5.32,5.32); Crest factor: 8.0; Head 1900 MHz:  $\sigma = 1.41 \text{ mho/m}$   $\epsilon_r = 39.6$   $\rho = 1.00 \text{ g/cm}^3$

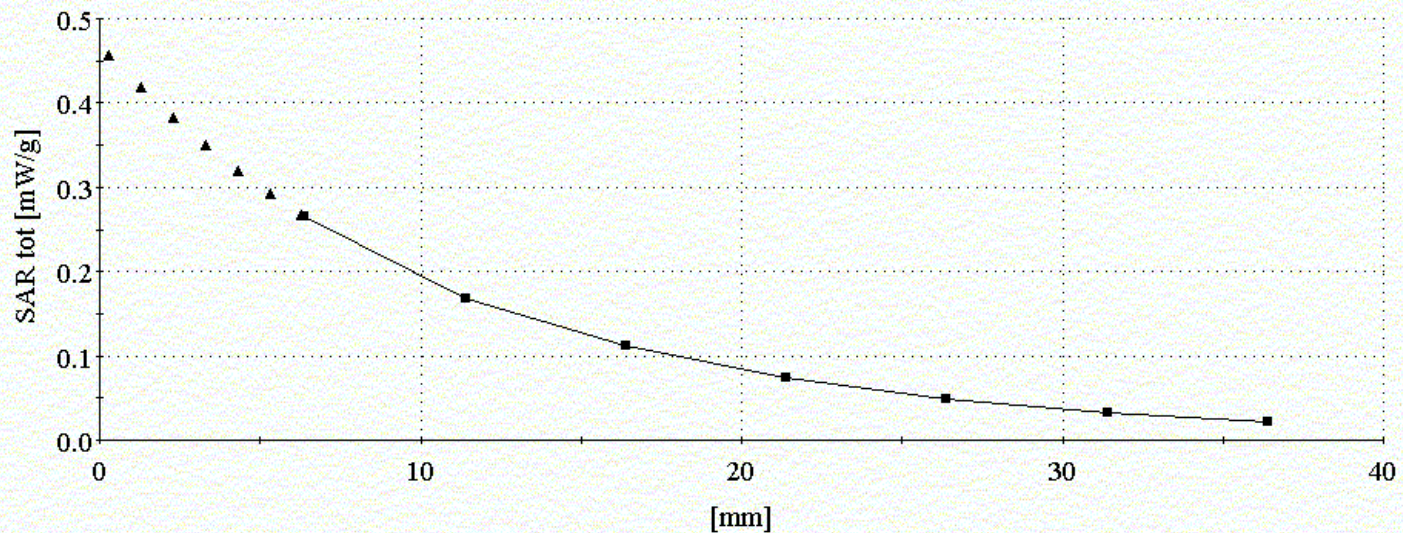
Cube 5x5x7: SAR (1g): 0.395 mW/g, SAR (10g): 0.243 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

; Measured date: 05/28/02

FCC right T62u GSM1900\_MZVQ\_CH512\_C01

SN: UA2020MZVQ Battery: BKB 193 1051



**SAR Extrapolation to the phantom inner surface. Measured for Maximum SAR in 1900 GSM band, while phone is against the right hand side of the head in the “cheek” position.**

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

## T62u

SAM 1031(R) Phantom; Righ Hand Section; Position: (106°,299°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1583; ConvF(5.32,5.32,5.32); Crest factor: 8.0; Head 1900 MHz:  $\sigma = 1.41$  mho/m  $\epsilon_r = 39.6$   $\rho = 1.00$  g/cm<sup>3</sup>

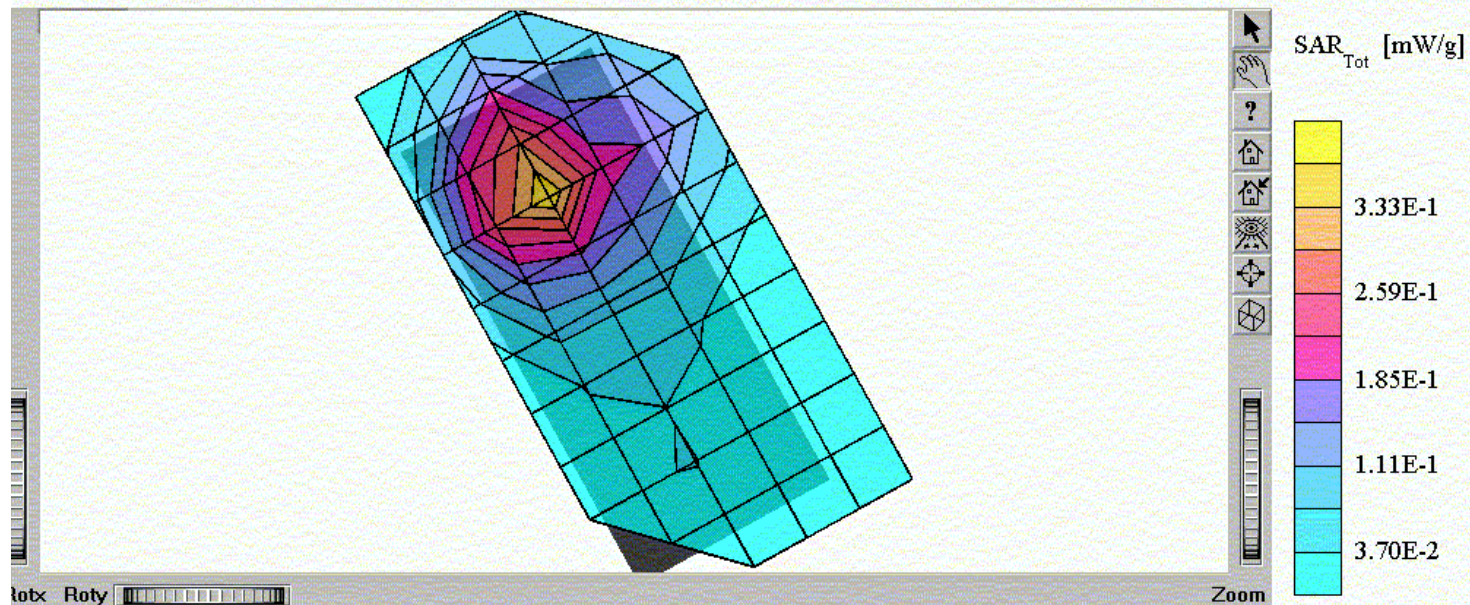
Cube 5x5x7: SAR (1g): 0.434 mW/g, SAR (10g): 0.252 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.15 dB; Measured date: 05/28/02

FCC right T62u GSM1900\_MZVQ\_CH512\_T01

SN:UA2020MZVQ Battery:BKB 193 1051



**Distribution of maximum SAR in 1900 GSM band. Measured against the right hand side of the head in the "Tilt" position.**

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

## T62u

SAM 1031(R) Phantom; Righ Hand Section; Position: (106°,299°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1583; ConvF(5.32,5.32,5.32); Crest factor: 8.0; Head 1900 MHz:  $\sigma = 1.41 \text{ mho/m}$   $\epsilon_r = 39.6$   $\rho = 1.00 \text{ g/cm}^3$

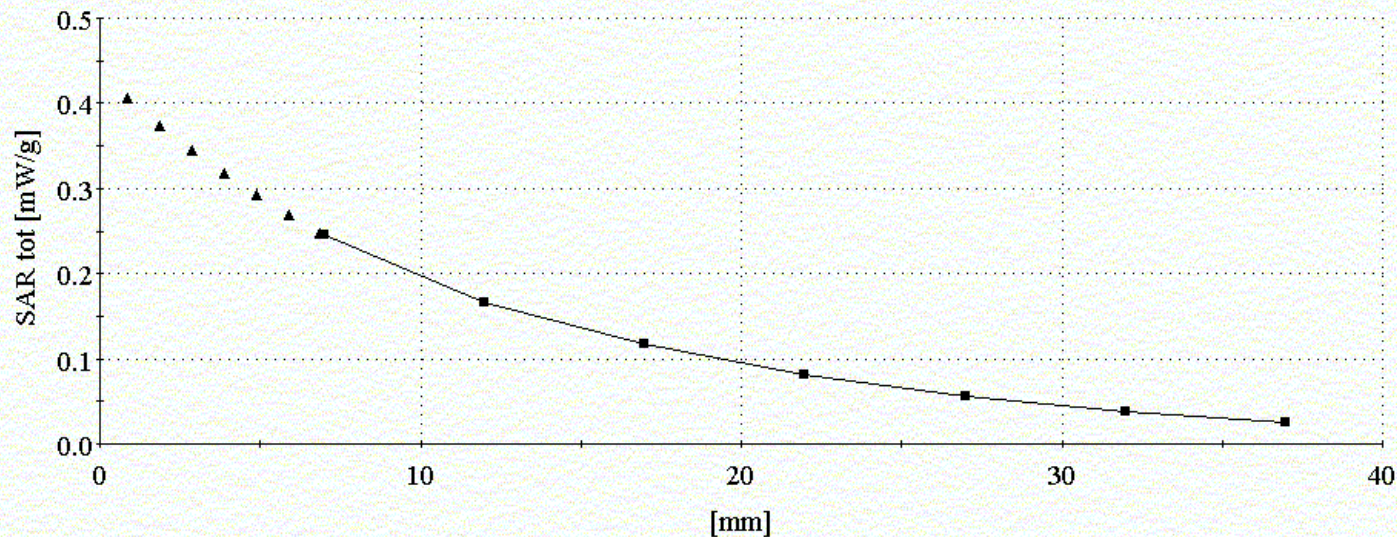
Cube 5x5x7: SAR (1g): 0.434 mW/g, SAR (10g): 0.252 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

; Measured date: 05/28/02

FCC right T62u GSM1900\_MZVQ\_CH512\_T01

SN:UA2020MZVQ Battery:BKB 193 1051



**SAR Extrapolation to the phantom inner surface. Measured for Maximum SAR in 1900 GSM band, while phone is against the right hand side of the head in the “Tilt” position.**

|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

### Appendix 3: Photographs of Device Under Test



**Front view of device**



**Back view of device**

|                                                                             |               |                             |                                                                                             |
|-----------------------------------------------------------------------------|---------------|-----------------------------|---------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                             |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna<br>nicole\XHIBIT11\Source\502-11 head.doc |


**Side view of device.**

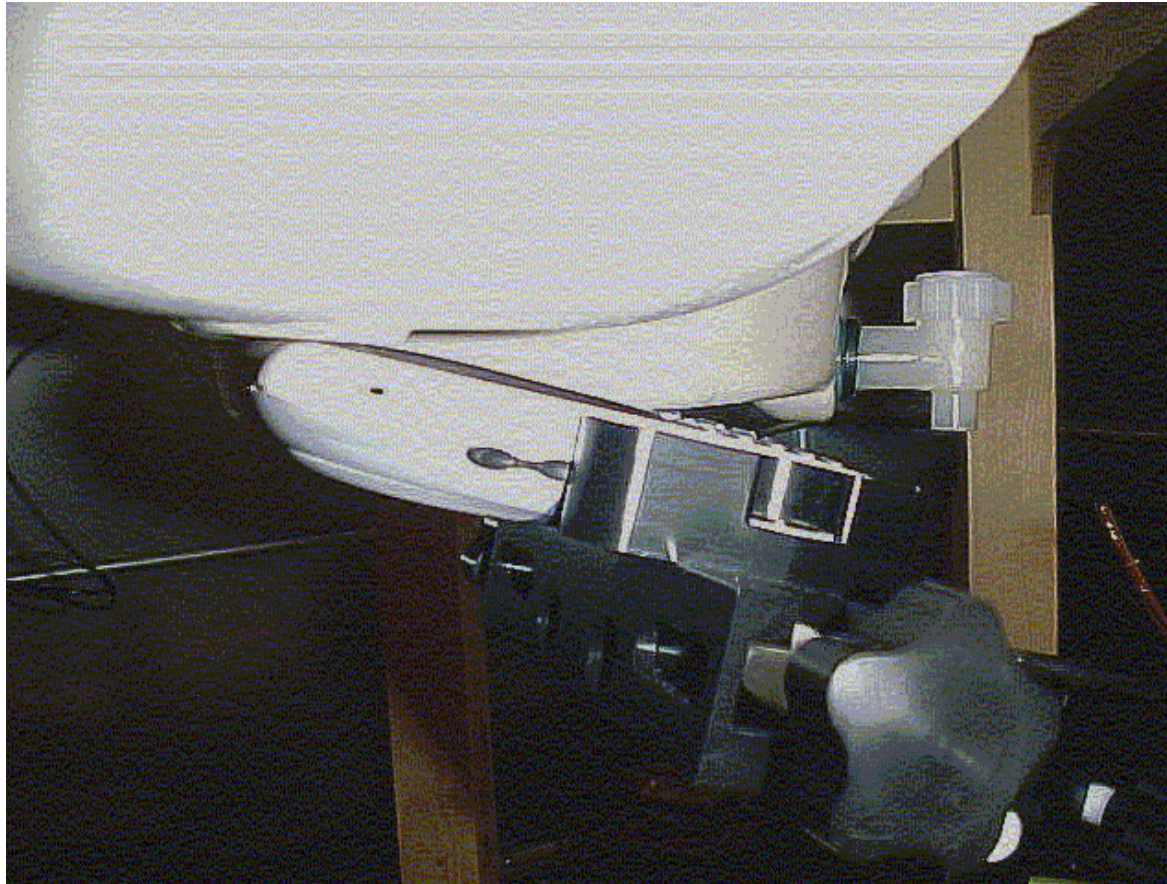
|                                                                             |               |                             |                                                                                             |
|-----------------------------------------------------------------------------|---------------|-----------------------------|---------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                             |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna<br>nicole\XHIBIT11\Source\502-11 head.doc |

#### Appendix 4: Position of Device on Phantom



Position of device against head phantom using the “cheek” position

|                                                                             |               |                             |                                                                                             |
|-----------------------------------------------------------------------------|---------------|-----------------------------|---------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                             |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna<br>nicole\XHIBIT11\Source\502-11 head.doc |



Position of device against head phantom using the “tilt” position

|                                                                                    |                      |                                    |                                                                                                    |
|------------------------------------------------------------------------------------|----------------------|------------------------------------|----------------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br><b>SEM/CV/PF/P William Stewart</b> |                      | No.<br><b>SEM/CV/P-02:0591/REP</b> |                                                                                                    |
| Approved<br><b>SEM/CV/PF/P Dulce Altabella</b>                                     | Checked<br><b>DA</b> | 2002-6-5                           | Rev.<br><b>B</b><br>U:\FCC Submittals\Fcc_502 gerri anna<br>nicole\XHIBIT11\Source\502-11 head.doc |

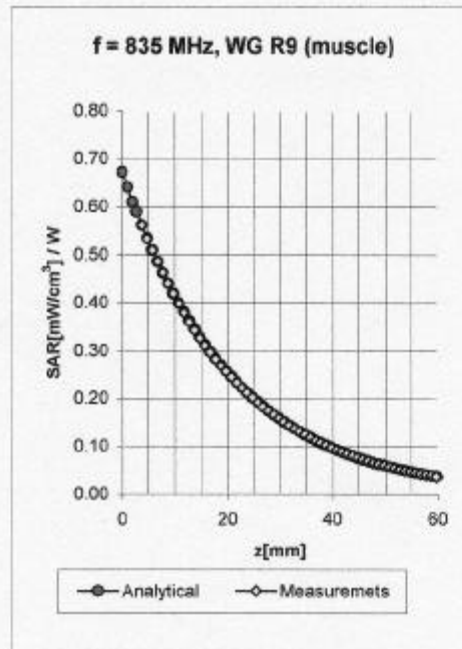
## Appendix 5: Probe calibration parameters

|                                                    |                                                 |                                 |                                        |
|----------------------------------------------------|-------------------------------------------------|---------------------------------|----------------------------------------|
| <b>ET3DV5 SN:1324</b>                              |                                                 |                                 |                                        |
| <b>DASY3 - Parameters of Probe: ET3DV5 SN:1324</b> |                                                 |                                 |                                        |
| <b>Sensitivity in Free Space</b>                   |                                                 | <b>Diode Compression</b>        |                                        |
| NormX                                              | <b>1.52</b> $\mu\text{V}/(\text{V}/\text{m})^2$ | DCP X                           | <b>103</b> mV                          |
| NormY                                              | <b>1.73</b> $\mu\text{V}/(\text{V}/\text{m})^2$ | DCP Y                           | <b>103</b> mV                          |
| NormZ                                              | <b>1.53</b> $\mu\text{V}/(\text{V}/\text{m})^2$ | DCP Z                           | <b>103</b> mV                          |
| <b>Sensitivity in Tissue Simulating Liquid</b>     |                                                 |                                 |                                        |
| <b>Head</b>                                        | <b>450 MHz</b>                                  | $\epsilon_r = 43.5 \pm 5\%$     | $\sigma = 0.87 \pm 10\% \text{ mho/m}$ |
| ConvF X                                            | <b>5.23</b> extrapolated                        | Boundary effect:                |                                        |
| ConvF Y                                            | <b>5.23</b> extrapolated                        | Alpha                           | <b>0.65</b>                            |
| ConvF Z                                            | <b>5.23</b> extrapolated                        | Depth                           | <b>1.63</b>                            |
| <b>Head</b>                                        | <b>700 - 950 MHz</b>                            | $\epsilon_r = 39.4 - 43.6$      | $\sigma = 0.75 - 0.99 \text{ mho/m}$   |
| ConvF X                                            | <b>4.89</b> $\pm 9.5\%$ (k=2)                   | Boundary effect:                |                                        |
| ConvF Y                                            | <b>4.89</b> $\pm 9.5\%$ (k=2)                   | Alpha                           | <b>0.67</b>                            |
| ConvF Z                                            | <b>4.89</b> $\pm 9.5\%$ (k=2)                   | Depth                           | <b>1.71</b>                            |
| <b>Brain</b>                                       | <b>1500 MHz</b>                                 | $\epsilon_r = 41 \pm 5\%$       | $\sigma = 1.32 \pm 10\% \text{ mho/m}$ |
| ConvF X                                            | <b>4.43</b> interpolated                        | Boundary effect:                |                                        |
| ConvF Y                                            | <b>4.43</b> interpolated                        | Alpha                           | <b>0.70</b>                            |
| ConvF Z                                            | <b>4.43</b> interpolated                        | Depth                           | <b>1.82</b>                            |
| <b>Brain</b>                                       | <b>1700 - 1910 MHz</b>                          | $\epsilon_r = 39.3 - 41.6$      | $\sigma = 1.53 - 1.90 \text{ mho/m}$   |
| ConvF X                                            | <b>4.21</b> $\pm 9.5\%$ (k=2)                   | Boundary effect:                |                                        |
| ConvF Y                                            | <b>4.21</b> $\pm 9.5\%$ (k=2)                   | Alpha                           | <b>0.72</b>                            |
| ConvF Z                                            | <b>4.21</b> $\pm 9.5\%$ (k=2)                   | Depth                           | <b>1.88</b>                            |
| <b>Sensor Offset</b>                               |                                                 |                                 |                                        |
| Probe Tip to Sensor Center                         |                                                 | <b>2.7</b>                      | mm                                     |
| Optical Surface Detection                          |                                                 | <b>1.8 <math>\pm</math> 0.2</b> | mm                                     |
| Page 2 of 9                                        |                                                 |                                 |                                        |

|                                                                                    |                      |                                    |                  |
|------------------------------------------------------------------------------------|----------------------|------------------------------------|------------------|
| Prepared (also subject responsible if other)<br><b>SEM/CV/PF/P William Stewart</b> |                      | No.<br><b>SEM/CV/P-02:0591/REP</b> |                  |
| Approved<br><b>SEM/CV/PF/P Dulce Altabella</b>                                     | Checked<br><b>DA</b> | 2002-6-5                           | Rev.<br><b>B</b> |
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**ET3DV5 SN:1324**

## Conversion Factor Assessment



**Muscle    750 - 950    MHz     $\epsilon_r = 52.4 - 58.0$      $\sigma = 0.90 - 1.05$  mho/m**

|         |                              |                   |
|---------|------------------------------|-------------------|
| ConvF X | <b>4.72</b> $\pm$ 9.5% (k=2) | Boundary effect   |
| ConvF Y | <b>4.72</b> $\pm$ 9.5% (k=2) | Alpha <b>0.69</b> |
| ConvF Z | <b>4.72</b> $\pm$ 9.5% (k=2) | Depth <b>1.70</b> |



|                                                                             |               |                             |                                                                                          |
|-----------------------------------------------------------------------------|---------------|-----------------------------|------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                          |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna nicole\XHIBIT11\Source\502-11 head.doc |

ET3DV6 SN:1583

**DASY3 - Parameters of Probe: ET3DV6 SN:1583****Sensitivity in Free Space****Diode Compression**

|       |                                          |       |        |
|-------|------------------------------------------|-------|--------|
| NormX | 1.78 $\mu\text{V}/(\text{V}/\text{m})^2$ | DCP X | 100 mV |
| NormY | 1.96 $\mu\text{V}/(\text{V}/\text{m})^2$ | DCP Y | 100 mV |
| NormZ | 1.89 $\mu\text{V}/(\text{V}/\text{m})^2$ | DCP Z | 100 mV |

**Sensitivity in Tissue Simulating Liquid**

|         |                        |                             |                                        |
|---------|------------------------|-----------------------------|----------------------------------------|
| Head    | 450 MHz                | $\epsilon_r = 43.5 \pm 5\%$ | $\sigma = 0.87 \pm 10\% \text{ mho/m}$ |
| ConvF X | 7.77 extrapolated      | Boundary effect:            |                                        |
| ConvF Y | 7.77 extrapolated      | Alpha                       | 0.30                                   |
| ConvF Z | 7.77 extrapolated      | Depth                       | 2.30                                   |
| Head    | 700 - 950 MHz          | $\epsilon_r = 39.4 - 43.6$  | $\sigma = 0.75 - 0.99 \text{ mho/m}$   |
| ConvF X | 6.95 $\pm 9.5\%$ (k=2) | Boundary effect:            |                                        |
| ConvF Y | 6.95 $\pm 9.5\%$ (k=2) | Alpha                       | 0.38                                   |
| ConvF Z | 6.95 $\pm 9.5\%$ (k=2) | Depth                       | 2.28                                   |
| Head    | 1500 MHz               | $\epsilon_r = 40.4 \pm 5\%$ | $\sigma = 1.23 \pm 10\% \text{ mho/m}$ |
| ConvF X | 5.87 interpolated      | Boundary effect:            |                                        |
| ConvF Y | 5.87 interpolated      | Alpha                       | 0.48                                   |
| ConvF Z | 5.87 interpolated      | Depth                       | 2.25                                   |
| Head    | 1800 - 2000 MHz        | $\epsilon_r = 38.0 - 42.0$  | $\sigma = 1.20 - 1.55 \text{ mho/m}$   |
| ConvF X | 5.32 $\pm 9.5\%$ (k=2) | Boundary effect:            |                                        |
| ConvF Y | 5.32 $\pm 9.5\%$ (k=2) | Alpha                       | 0.53                                   |
| ConvF Z | 5.32 $\pm 9.5\%$ (k=2) | Depth                       | 2.24                                   |

**Sensor Offset**

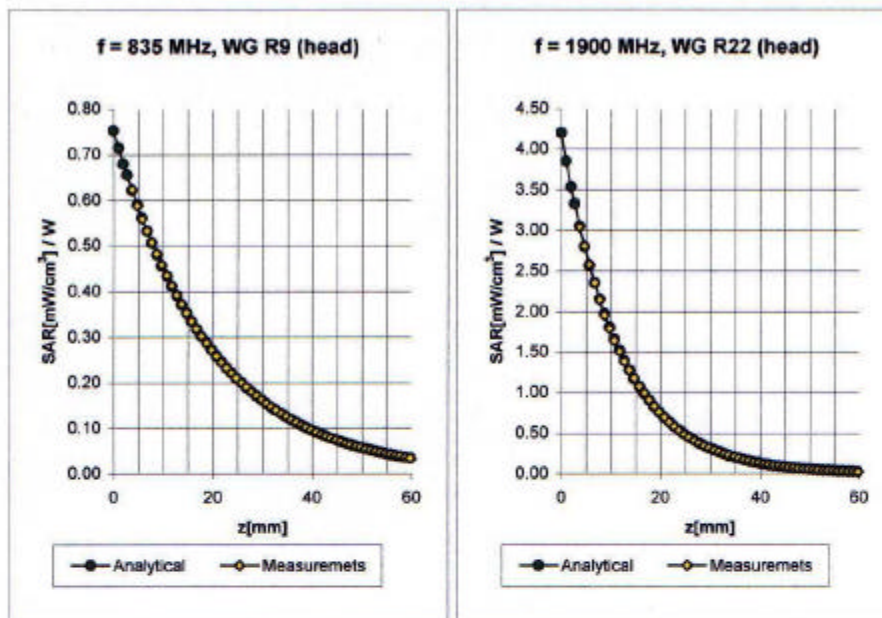
|                            |               |    |
|----------------------------|---------------|----|
| Probe Tip to Sensor Center | 2.7           | mm |
| Optical Surface Detection  | 1.6 $\pm$ 0.2 | mm |



|                                                                             |               |                             |                                                                                             |
|-----------------------------------------------------------------------------|---------------|-----------------------------|---------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                             |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna<br>nicole\XHIBIT11\Source\502-11 head.doc |

ET3DV6 SN:1583

## Conversion Factor Assessment



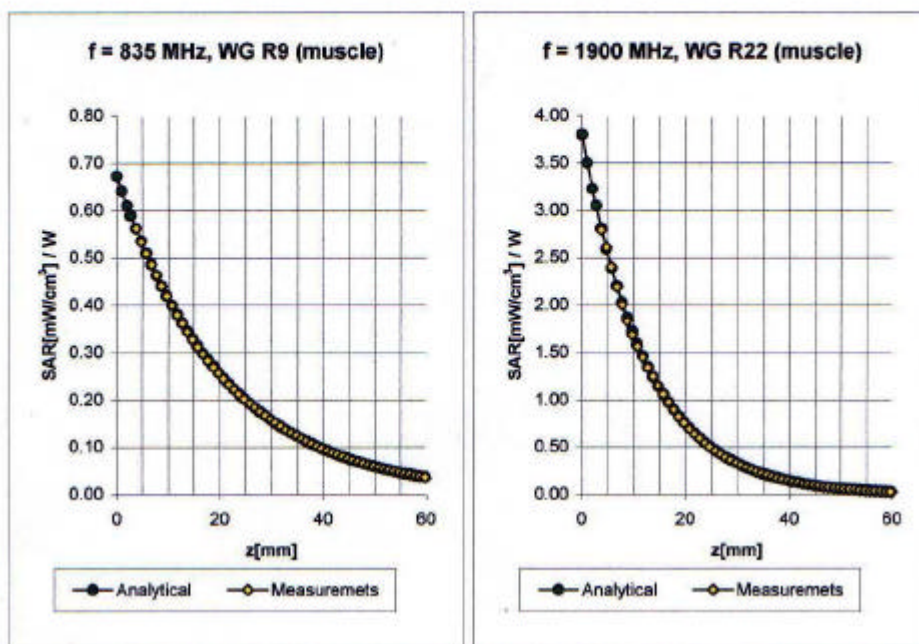
|         |                        |                            |                                      |
|---------|------------------------|----------------------------|--------------------------------------|
| Head    | 700 - 950 MHz          | $\epsilon_r = 39.4 - 43.6$ | $\sigma = 0.75 - 0.99 \text{ mho/m}$ |
| ConvF X | 6.95 $\pm 9.5\%$ (k=2) | Boundary effect:           |                                      |
| ConvF Y | 6.95 $\pm 9.5\%$ (k=2) | Alpha                      | 0.38                                 |
| ConvF Z | 6.95 $\pm 9.5\%$ (k=2) | Depth                      | 2.28                                 |
| Head    | 1800 - 2000 MHz        | $\epsilon_r = 38.0 - 42.0$ | $\sigma = 1.20 - 1.55 \text{ mho/m}$ |
| ConvF X | 5.32 $\pm 9.5\%$ (k=2) | Boundary effect:           |                                      |
| ConvF Y | 5.32 $\pm 9.5\%$ (k=2) | Alpha                      | 0.53                                 |
| ConvF Z | 5.32 $\pm 9.5\%$ (k=2) | Depth                      | 2.24                                 |



|                                                                             |               |                             |                                                                                             |
|-----------------------------------------------------------------------------|---------------|-----------------------------|---------------------------------------------------------------------------------------------|
| Prepared (also subject responsible if other)<br>SEM/CV/PF/P William Stewart |               | No.<br>SEM/CV/P-02:0591/REP |                                                                                             |
| Approved<br>SEM/CV/PF/P Dulce Altabella                                     | Checked<br>DA | 2002-6-5                    | Rev.<br>B<br>U:\FCC Submittals\Fcc_502 gerri anna<br>nicole\XHIBIT11\Source\502-11 head.doc |

ET3DV6 SN:1583

## Conversion Factor Assessment



Muscle 750 - 950 MHz  $\epsilon_r = 52.4 - 58.0$   $\sigma = 0.90 - 1.05 \text{ mho/m}$

ConvF X  $6.65 \pm 9.5\% (k=2)$

Boundary effect:

ConvF Y  $6.65 \pm 9.5\% (k=2)$

Alpha **0.49**

ConvF Z  $6.65 \pm 9.5\% (k=2)$

Depth **1.97**

Muscle 1800 - 2050 MHz  $\epsilon_r = 50.6 - 56.0$   $\sigma = 1.40 - 1.60 \text{ mho/m}$

ConvF X  $4.91 \pm 9.5\% (k=2)$

Boundary effect:

ConvF Y  $4.91 \pm 9.5\% (k=2)$

Alpha **0.69**

ConvF Z  $4.91 \pm 9.5\% (k=2)$

Depth **2.10**