



Measurements done as per request of the FCC, EA922213, corr nr. 26846.

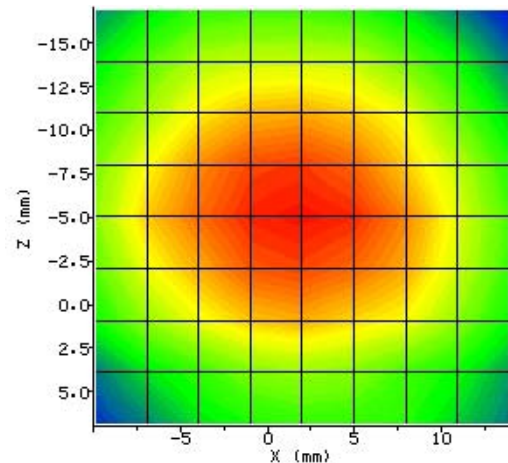
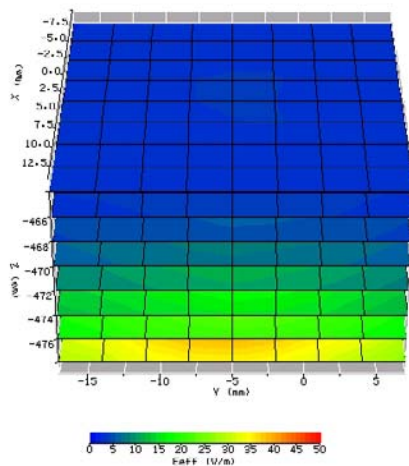
Please note that:

- 1) Probe alignment has not changed from scan to scan.
- 2) Waveguide alignment has not changed from scan to scan
- 3) Scan size and step size is not changed from scan to scan.
- 4) Probe calibration has changed, using the most appropriate calibration
- 5) The liquid 48.6 / 7.4 is deviating from the used probe calibration (48.2 / 6.00)
- 6) Waveguide tuning changes with liquid, new frequency and power calibration done.
- 7) Achieved SAR values are scaled with waveguide power: (24 dBm is  $\frac{1}{4}$  W)

See next pages for results

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Device Under Test:</b> | <b>WAVEGUIDE</b>                     |
| <b>Position / Channel</b> | <b>5745 MHz</b>                      |
| <b>System / software:</b> | SARA v2.3                            |
| <b>DATE</b> [dd/mm/yyyy]  | 02/06/2004                           |
| <b>Phantom S/No:</b>      | <input type="checkbox"/> Box phantom |

| <b>Notes:</b>                | 3 <sup>rd</sup> | 4 <sup>th</sup>                     | 3 <sup>rd</sup> VPM | 4 <sup>th</sup> VPM |
|------------------------------|-----------------|-------------------------------------|---------------------|---------------------|
| <b>SAR 1g [W/kg]:</b>        | n.a.            | n.a.                                | n.a.                | 9.651               |
| <b>SAR 10g [W/kg]:</b>       | n.a.            | n.a.                                | n.a.                | 4.118               |
| Test Frequency [MHz]:        | 5745            | No. of steps x and y                |                     | 8                   |
| Antenna Configuration:       | WAVEGUIDE       | Stepsize x and y [mm]               |                     | 3                   |
| Power [dBm]:                 | 24.0            | No of steps z                       |                     | 7                   |
| Type of Modulation:          | CW              | Stepsize z [mm]                     |                     | 2                   |
| Modn. Duty Cycle [%]:        | 100             | Dist probe tip – phantom shell [mm] |                     | 1                   |
| Probe Serial Number:         | 131             | Ambient Temperature [C]             |                     | 22                  |
| Probe cal file               | 131-5800-head   | Relative Humidity: [%]              |                     | 55                  |
| Probe Conversion Factor\     | 0.435           | SAR Drift: [dB]                     |                     | -0.11               |
| Probe battery check [d/m/y]: | 02/06/2004      | Max E-field [V/m in liquid]         |                     | 45.2                |
| Liquid Simulant:             | Head            | Location of max. [mm]               |                     |                     |
| Relative Permittivity:       | 35.3            | X=                                  | [mm]                | 1.4                 |
| Conductivity: [S/m]:         | 5.27            | Y=                                  | [mm]                | -4.7                |
| Liquid Temperature [C]:      | 20.7            | Z=                                  | [mm]                | -478                |



Eeff (V/m): Plane at -478 mm

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Device Under Test:</b> | <b>WAVEGUIDE</b>                     |
| <b>Position / Channel</b> | <b>5780Hz</b>                        |
| <b>System / software:</b> | SARA v2.3                            |
| <b>DATE</b> [dd/mm/yyyy]  | 02/06/2004                           |
| <b>Phantom S/No:</b>      | <input type="checkbox"/> Box phantom |

|                                      |                 |                                     |                     |                     |
|--------------------------------------|-----------------|-------------------------------------|---------------------|---------------------|
| <b>Notes:</b>                        | 3 <sup>rd</sup> | 4 <sup>th</sup>                     | 3 <sup>rd</sup> VPM | 4 <sup>th</sup> VPM |
| <b>SAR 1g [W/kg]:</b>                | n.a.            | n.a.                                | n.a.                | 22.938              |
| <b>SAR 10g [W/kg]:</b>               | n.a.            | n.a.                                | n.a.                | 9.610               |
| Test Frequency [MHz]:                | 5780            | No. of steps x and y                |                     | 8                   |
| Antenna Configuration:               | WAVEGUIDE       | Stepsize x and y [mm]               |                     | 3                   |
| Power [dBm]:                         | 24.0            | No of steps z                       |                     | 7                   |
| Type of Modulation:                  | CW              | Stepsize z [mm]                     |                     | 2                   |
| Modn. Duty Cycle [%]:                | 100             | Dist probe tip – phantom shell [mm] |                     | 1                   |
| Probe Serial Number:                 | 131             | Ambient Temperature [C]             |                     | 23                  |
| Probe cal file                       | 131-5800-body   | Relative Humidity: [%]              |                     | 53                  |
| Probe Conversion Factor <sup>1</sup> | 0.750           | SAR Drift: [dB]                     |                     | 0.02                |
| Probe battery check [d/m/y]:         | 02/06/2004      | Max E-field [V/m in liquid]         |                     | 63.02               |
| Liquid Simulant:                     | Head            | Location of max. [mm]               |                     |                     |
| Relative Permittivity:               | 48.6            | X= [mm]                             |                     | 0                   |
| Conductivity: [S/m]:                 | 7.4             | Y= [mm]                             |                     | -6.3                |
| Liquid Temperature [C]:              | 21.9            | Z= [mm]                             |                     | -478.0              |

