


| | |
|------------------|-----------------------|
| Test Report S/N: | 102604KBC-T578-S24G |
| Test Date(s): | December 01-02, 2004 |
| Test Type: | FCC/IC SAR Evaluation |

APPENDIX E - SYSTEM VALIDATION

| | | | | | | | | |
|---|----------------------------|--|-----------------------|---------------|----------------------|---------------|---|--|
| Applicant: | Itronix Corporation | FCC ID: | KBCIX100XAC775 | IC ID: | 1943A-IX100Xe | Model: | IX100XAC775 | |
| Rugged Handheld PC with Sierra Wireless AirCard 775 Dual-Band GSM GPRS/EDGE PCMCIA Modem | | | | | | |  | |
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1900 MHz SYSTEM VALIDATION DIPOLE

Type:

1900 MHz Validation Dipole

Serial Number:

151

Place of Calibration:

Celltech Labs Inc.

Date of Calibration:

June 18, 2004

Celltech Labs Inc. hereby certifies that this device has been calibrated on the date indicated above.

Calibrated by:

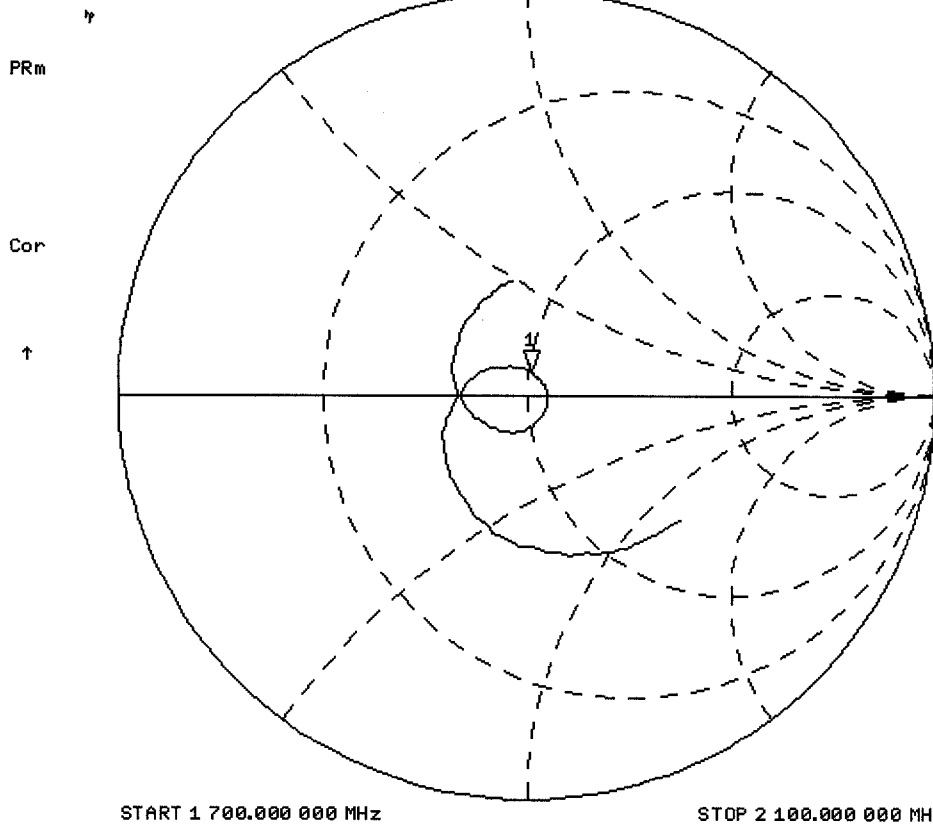
Spencer Watson

Approved by:

Russell W. Pipe

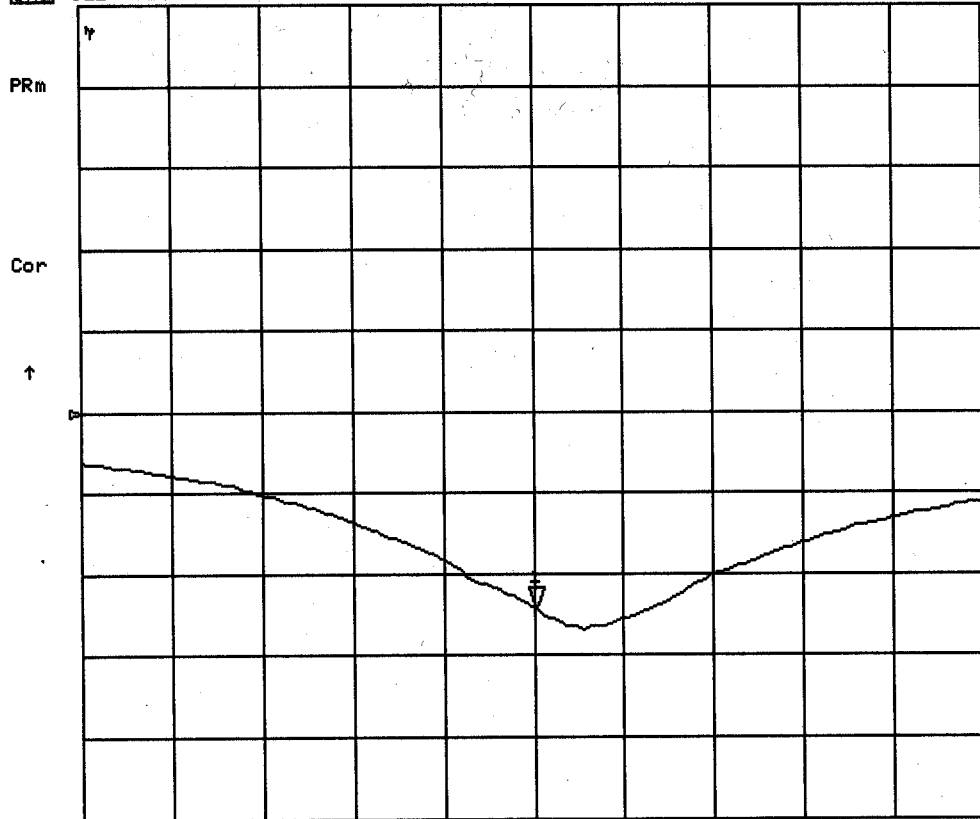
18 Jun 2004 09:26:48

CH1 S11 1 U FS 1: 50.115 Ω 6.2070 Ω 519.94 pF 1 900.000 000 MHz



18 Jun 2004 09:25:56

CH1 S11 LOG 10 dB/REF 0 dB 1:-24.205 dB 1 900.000 000 MHz



START 1 700.000 000 MHz

STOP 2 100.000 000 MHz

Validation Dipole Dimensions

| Frequency (MHz) | L (mm) | h (mm) | d (mm) |
|-----------------|--------|--------|--------|
| 300 | 420.0 | 250.0 | 6.2 |
| 450 | 288.0 | 167.0 | 6.2 |
| 835 | 161.0 | 89.8 | 3.6 |
| 900 | 149.0 | 83.3 | 3.6 |
| 1450 | 89.1 | 51.7 | 3.6 |
| 1800 | 72.0 | 41.7 | 3.6 |
| 1900 | 68.0 | 39.5 | 3.6 |
| 2000 | 64.5 | 37.5 | 3.6 |
| 2450 | 51.8 | 30.6 | 3.6 |
| 3000 | 41.5 | 25.0 | 3.6 |

2. Validation Phantom

The validation phantom is the SAM (Specific Anthropomorphic Mannequin) phantom manufactured by Schmid & Partner Engineering AG. The SAM phantom is a Fiberglass shell integrated in a wooden table. The shape of the shell corresponds to the phantom defined by SCC34-SC2. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points in the robot.

Shell Thickness: 2.0 ± 0.1 mm
Filling Volume: Approx. 20 liters
Dimensions: 50 cm (W) x 100 cm (L)

1900 MHz System Validation Setup



1900 MHz System Validation Setup



3. Measurement Conditions

The SAM phantom was filled with 1900 MHz brain simulating tissue.

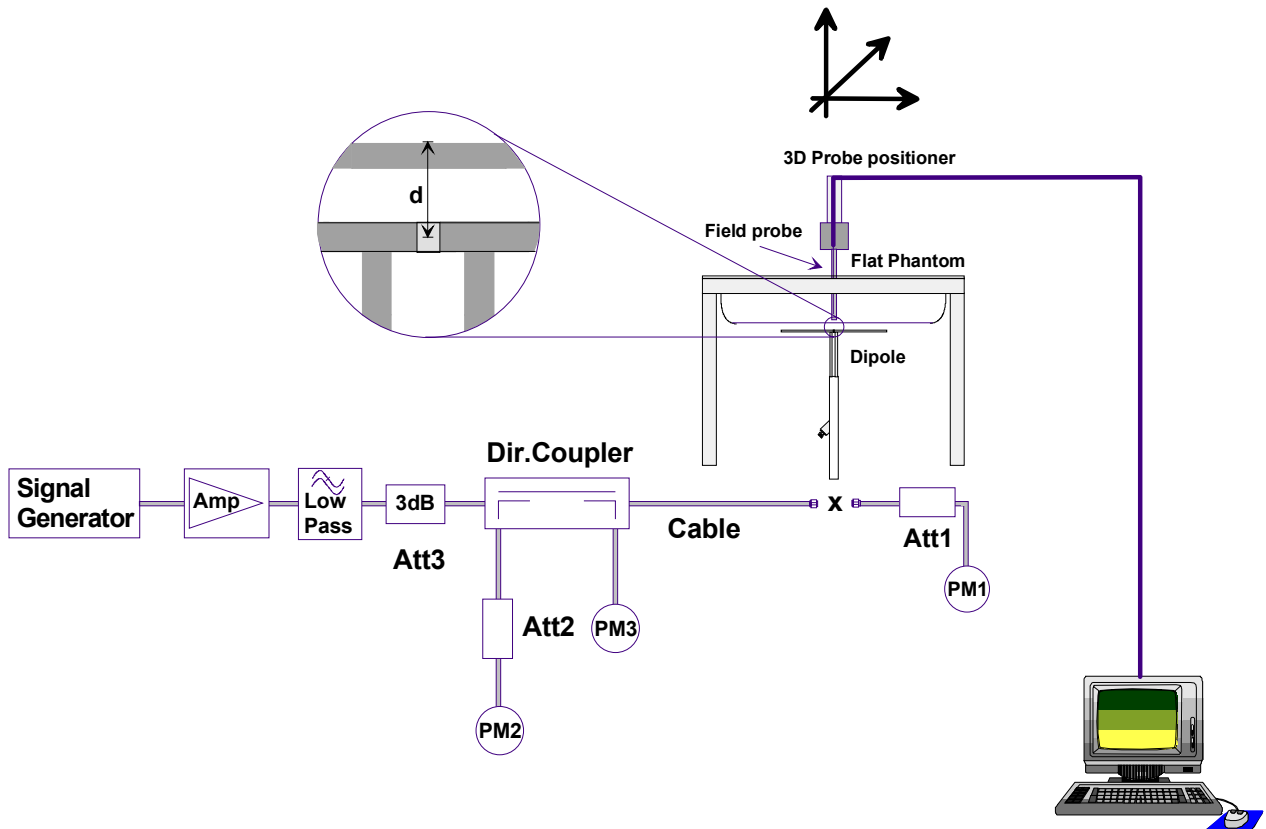
Relative Permittivity: 38.3
Conductivity: 1.43 mho/m
Ambient Temperature: 24.0 °C
Fluid Temperature: 22.6 °C
Fluid Depth: ≥ 15.0 cm
Barometric Pressure: 103.0 kPa
Humidity: 37%

The 1900 MHz tissue simulant consists of the following ingredients:

| Ingredient | Percentage by weight |
|--|--|
| Water | 55.85% |
| Glycol | 44.00% |
| Salt | 0.15% |
| Target Dielectric Parameters at 22 °C | $\epsilon_r = 40.0$ $\sigma = 1.40$ S/m |

4. SAR Measurement

The SAR measurement was performed with the E-field probe in mechanical detection mode only. The setup and determination of the forward power into the dipole was performed using the following procedures.



First the power meter PM1 (including attenuator Att1) is connected to the cable to measure the forward power at the location of the dipole connector (X). The signal generator is adjusted for the desired forward power at the dipole connector (taking into account the attenuation of Att1) as read by power meter PM2. After connecting the cable to the dipole, the signal generator is readjusted for the same reading at power meter PM2. If the signal generator does not allow adjustment in 0.01dB steps, the remaining difference at PM2 must be taken into consideration. PM3 records the reflected power from the dipole to ensure that the value is not changed from the previous value. The reflected power should be 50dB below the forward power.

Ten SAR measurements were performed in order to achieve repeatability and to establish an average target value.

Validation Dipole SAR Test Results

| Validation Measurement | SAR @ 0.25W Input averaged over 1g | SAR @ 1W Input averaged over 1g | SAR @ 0.25W Input averaged over 10g | SAR @ 1W Input averaged over 10g | Peak SAR @ 0.25W Input |
|------------------------|------------------------------------|---------------------------------|-------------------------------------|----------------------------------|------------------------|
| Test 1 | 10.1 | 40.40 | 5.30 | 21.20 | 17.4 |
| Test 2 | 9.93 | 39.72 | 5.21 | 20.84 | 17.2 |
| Test 3 | 9.98 | 39.92 | 5.23 | 20.92 | 17.3 |
| Test 4 | 9.99 | 39.96 | 5.21 | 20.84 | 17.4 |
| Test 5 | 9.97 | 39.88 | 5.22 | 20.88 | 17.4 |
| Test 6 | 9.90 | 39.60 | 5.20 | 20.80 | 17.1 |
| Test 7 | 9.93 | 39.72 | 5.21 | 20.84 | 17.2 |
| Test 8 | 9.96 | 39.84 | 5.20 | 20.80 | 17.3 |
| Test 9 | 9.94 | 39.76 | 5.20 | 20.80 | 17.2 |
| Test 10 | 9.96 | 39.84 | 5.21 | 20.84 | 17.2 |
| Average | 9.966 | 39.864 | 5.219 | 20.876 | 17.27 |

The results have been normalized to 1W (forward power) into the dipole.

| 1g/10g Averaged | Average Measured SAR @ 1W Input | IEEE Target SAR @ 1W Input | Deviation (%) |
|-----------------|---------------------------------|----------------------------|---------------|
| 1 gram | 39.864 | 39.7 | + 0.413 |
| 10 gram | 20.876 | 20.5 | + 1.835 |

1900 MHz System Validation - June 18, 2004

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 151

Ambient Temp: 24.0°C; Fluid Temp: 22.6°C; Barometric Pressure: 103.0 kPa; Humidity: 37%

Communication System: CW

Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900 ($\sigma = 1.43$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(5.25, 5.25, 5.25); Calibrated: 18/03/2004

- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 14/05/2004

- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

1900 MHz System Validation/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 96.9 V/m; Power Drift = 0.1 dB

1900 MHz System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.9 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.3 mW/g

1900 MHz System Validation/Zoom Scan 2 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.8 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.93 mW/g; SAR(10 g) = 5.21 mW/g

1900 MHz System Validation/Zoom Scan 3 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.2 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.98 mW/g; SAR(10 g) = 5.23 mW/g

1900 MHz System Validation/Zoom Scan 4 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.9 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 9.99 mW/g; SAR(10 g) = 5.21 mW/g

1900 MHz System Validation/Zoom Scan 5 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.2 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 9.97 mW/g; SAR(10 g) = 5.22 mW/g

1900 MHz System Validation/Zoom Scan 6 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.8 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 9.9 mW/g; SAR(10 g) = 5.2 mW/g

1900 MHz System Validation/Zoom Scan 7 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.8 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.93 mW/g; SAR(10 g) = 5.21 mW/g

1900 MHz System Validation/Zoom Scan 8 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.1 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.96 mW/g; SAR(10 g) = 5.2 mW/g

1900 MHz System Validation/Zoom Scan 9 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.7 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.94 mW/g; SAR(10 g) = 5.2 mW/g

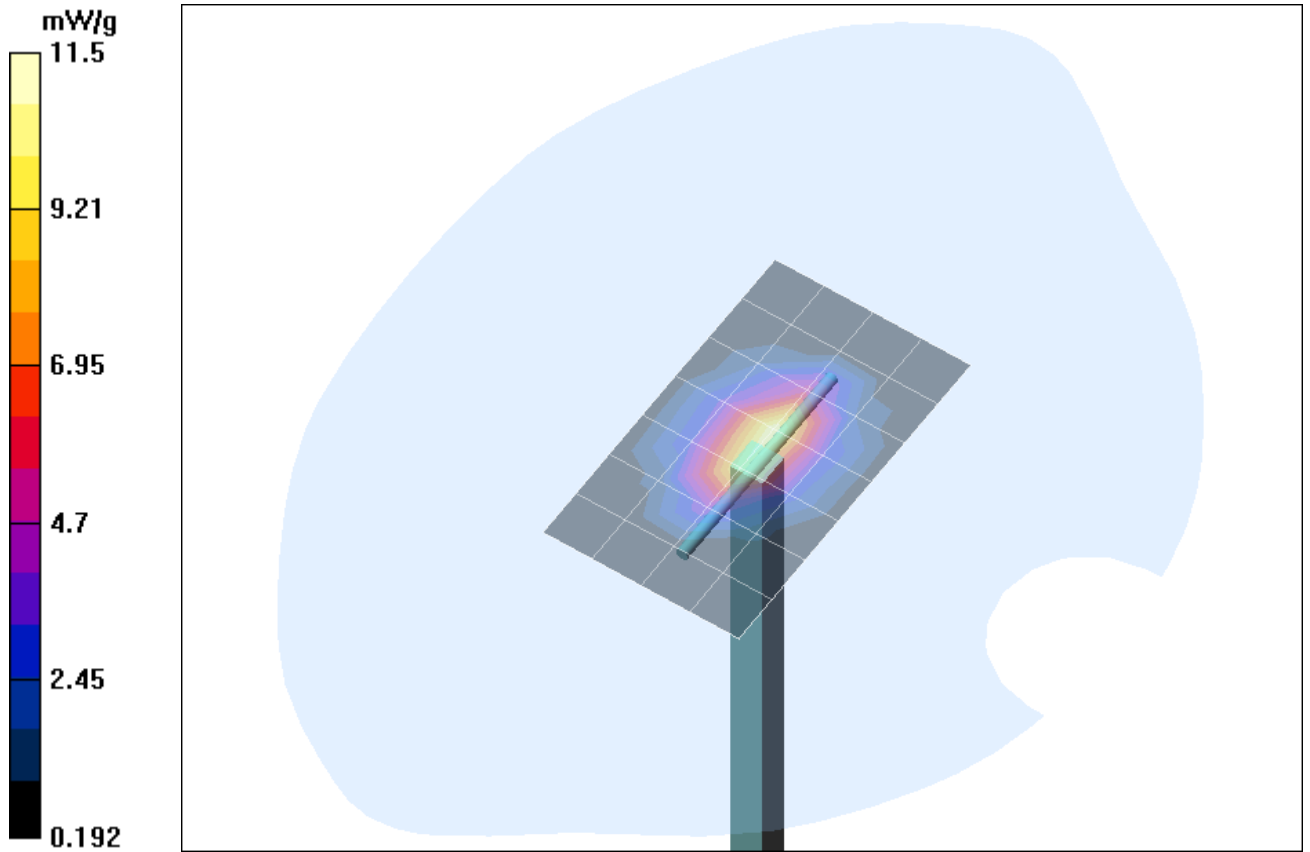
1900 MHz System Validation/Zoom Scan 10 (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

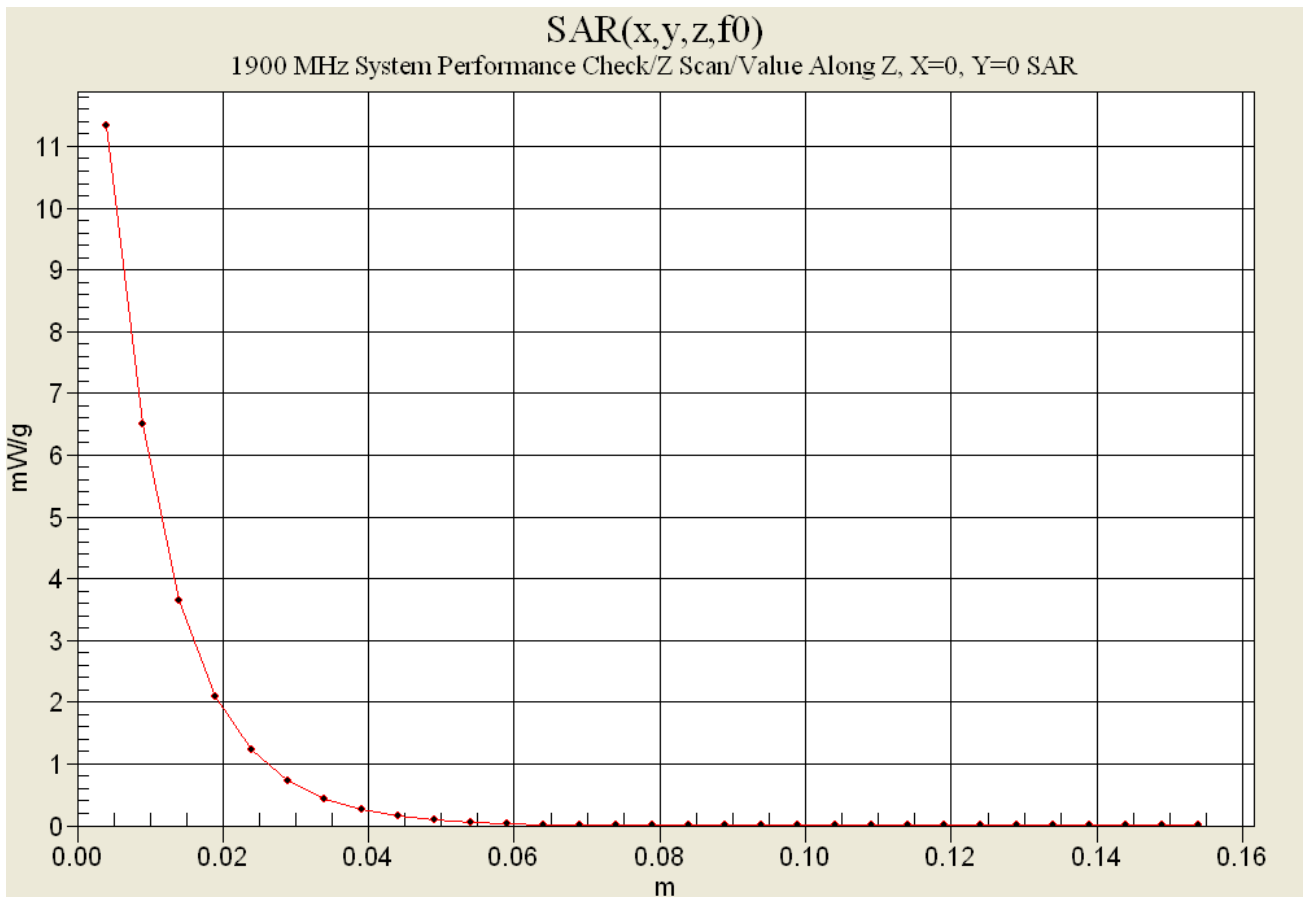
Reference Value = 95.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.96 mW/g; SAR(10 g) = 5.21 mW/g



1 g average of 10 measurements: 9.966 mW/g
 10 g average of 10 measurements: 5.219 mW/g



1900 MHz System Validation

Measured Fluid Dielectric Parameters (Brain)

June 18, 2004

| Frequency | ϵ' | ϵ'' |
|-----------------|-------------|--------------|
| 1.800000000 GHz | 38.7685 | 13.2945 |
| 1.810000000 GHz | 38.7232 | 13.3253 |
| 1.820000000 GHz | 38.6647 | 13.3519 |
| 1.830000000 GHz | 38.6047 | 13.3737 |
| 1.840000000 GHz | 38.5593 | 13.4078 |
| 1.850000000 GHz | 38.5136 | 13.4244 |
| 1.860000000 GHz | 38.4736 | 13.4289 |
| 1.870000000 GHz | 38.4328 | 13.4399 |
| 1.880000000 GHz | 38.3934 | 13.4856 |
| 1.890000000 GHz | 38.3637 | 13.4872 |
| 1.900000000 GHz | 38.3205 | 13.5178 |
| 1.910000000 GHz | 38.2981 | 13.5327 |
| 1.920000000 GHz | 38.2590 | 13.5755 |
| 1.930000000 GHz | 38.2344 | 13.5976 |
| 1.940000000 GHz | 38.2172 | 13.6297 |
| 1.950000000 GHz | 38.1838 | 13.6574 |
| 1.960000000 GHz | 38.1575 | 13.6807 |
| 1.970000000 GHz | 38.1070 | 13.6962 |
| 1.980000000 GHz | 38.0516 | 13.7296 |
| 1.990000000 GHz | 38.0093 | 13.7634 |
| 2.000000000 GHz | 37.9485 | 13.7978 |

835 MHz SYSTEM VALIDATION DIPOLE

Type:

835 MHz Validation Dipole

Serial Number:

411

Place of Calibration:

Celltech Labs Inc.

Date of Calibration:

March 16, 2004

Celltech Labs Inc. hereby certifies that this device has been calibrated on the date indicated above.

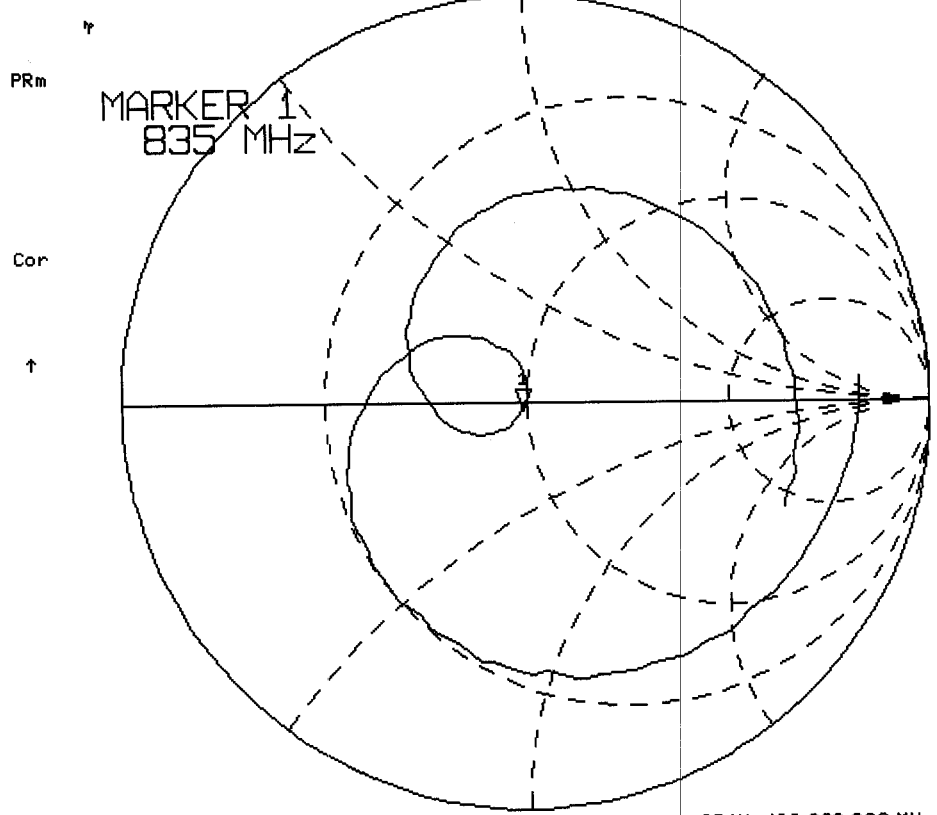
Calibrated by:



Approved by:



16 Mar 2004 15:52:51
835.000 000 MHz
CH1 S11 1 U FS 1: 48.654 Ω -1.9707 Ω 96.719 pF



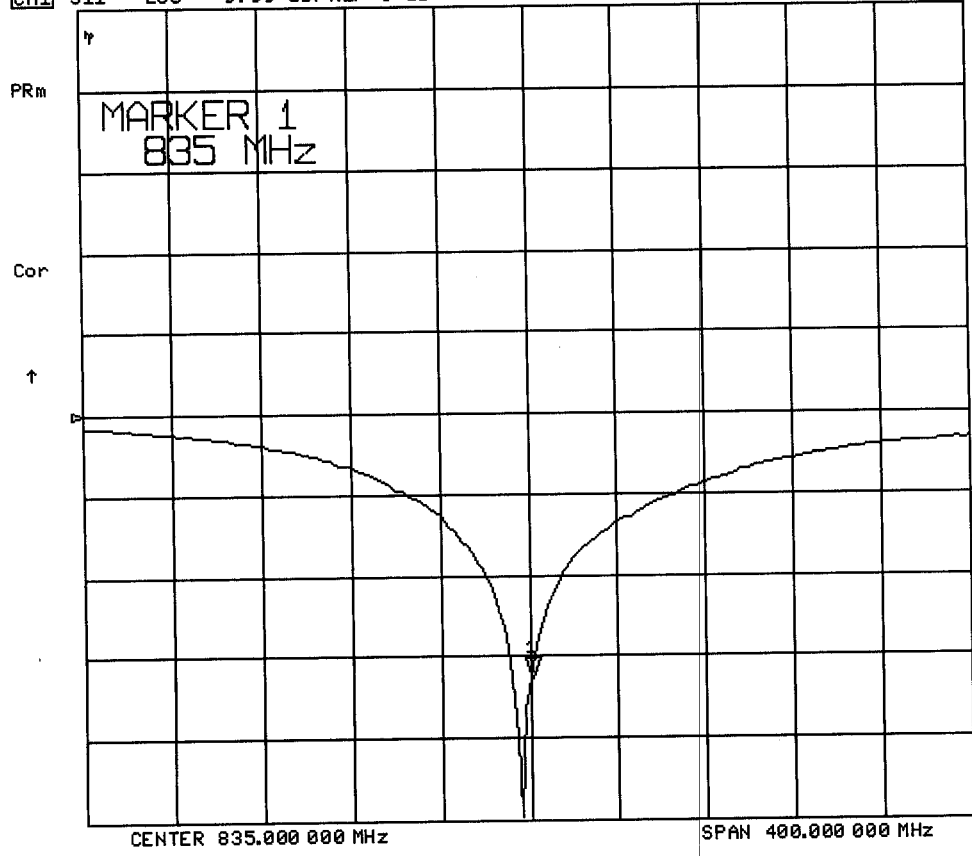
CENTER 835.000 000 MHz

SPAN 400.000 000 MHz

16 Mar 2004 15:54:37

CH1 S11 L06 9.99 dB/REF 0 dB

1:-32.739 dB 835.000 000 MHz



Validation Dipole Dimensions

| Frequency (MHz) | L (mm) | h (mm) | d (mm) |
|-----------------|--------|--------|--------|
| 300 | 420.0 | 250.0 | 6.2 |
| 450 | 288.0 | 167.0 | 6.2 |
| 835 | 161.0 | 89.8 | 3.6 |
| 900 | 149.0 | 83.3 | 3.6 |
| 1450 | 89.1 | 51.7 | 3.6 |
| 1800 | 72.0 | 41.7 | 3.6 |
| 1900 | 68.0 | 39.5 | 3.6 |
| 2000 | 64.5 | 37.5 | 3.6 |
| 2450 | 51.8 | 30.6 | 3.6 |
| 3000 | 41.5 | 25.0 | 3.6 |

2. Validation Phantom

The validation phantom is the SAM (Specific Anthropomorphic Mannequin) phantom manufactured by Schmid & Partner Engineering AG. The SAM phantom is a Fiberglass shell integrated in a wooden table. The shape of the shell corresponds to the phantom defined by SCC34-SC2. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points in the robot.

Shell Thickness: 2.0 ± 0.1 mm
Filling Volume: Approx. 20 liters
Dimensions: 50 cm (W) x 100 cm (L)

835 MHz System Validation Setup



835 MHz System Validation Setup



3. Measurement Conditions

The SAM phantom was filled with 835 MHz brain simulating tissue.

Relative Permittivity: 42.6
Conductivity: 0.94 mho/m
Ambient Temperature: 24.6 °C
Fluid Temperature: 21.9 °C
Fluid Depth: ≥ 15.0 cm
Barometric Pressure: 101.6 kPa
Humidity: 31%

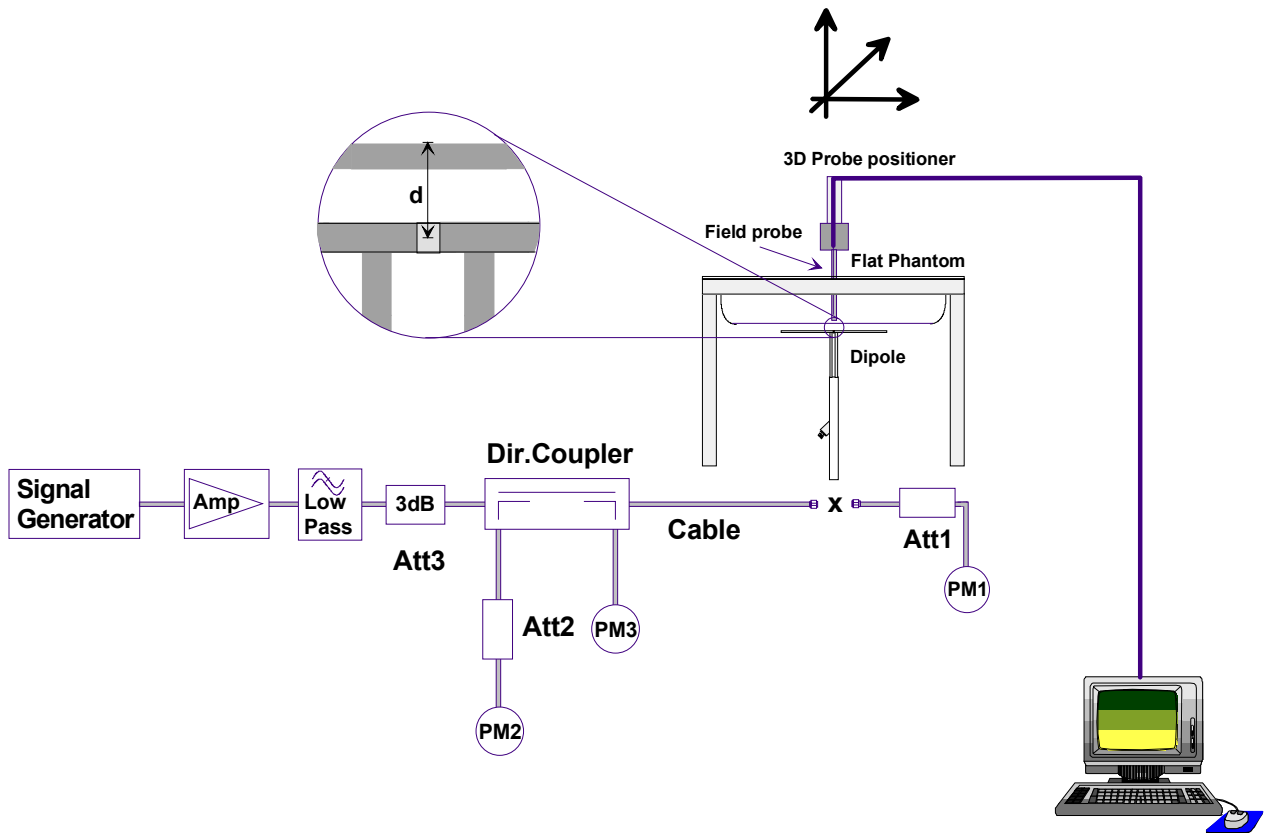
The 835 MHz simulating tissue consists of the following ingredients:

| Ingredient | Percentage by weight |
|--|--|
| Water | 40.71% |
| Sugar | 56.63% |
| Salt | 1.48% |
| HEC | 0.99% |
| Dowicil 75 | 0.19% |
| Target Dielectric Parameters at 22 °C | $\epsilon_r = 41.5$ $\sigma = 0.90$ S/m |

Measurements were taken in the flat section of the SAM phantom using a dosimetric E-field probe ET3DV6 (s/n: 1590, conversion factor 7.0).

4. SAR Measurement

The SAR measurement was performed with the E-field probe in mechanical detection mode only. The setup and determination of the forward power into the dipole was performed using the following procedures.



First the power meter PM1 (including attenuator Att1) is connected to the cable to measure the forward power at the location of the dipole connector (X). The signal generator is adjusted for the desired forward power at the dipole connector (taking into account the attenuation of Att1) as read by power meter PM2. After connecting the cable to the dipole, the signal generator is readjusted for the same reading at power meter PM2. If the signal generator does not allow adjustment in 0.01dB steps, the remaining difference at PM2 must be taken into consideration. PM3 records the reflected power from the dipole to ensure that the value is not changed from the previous value. The reflected power should be 20dB below the forward power.

Ten SAR measurements were performed in order to achieve repeatability and to establish an average target value.

Validation Dipole SAR Test Results

| Validation Measurement | SAR @ 0.25W Input averaged over 1g | SAR @ 1W Input averaged over 1g | SAR @ 0.25W Input averaged over 10g | SAR @ 1W Input averaged over 10g | Peak SAR @ 0.25W Input |
|------------------------|------------------------------------|---------------------------------|-------------------------------------|----------------------------------|------------------------|
| Test 1 | 2.46 | 9.84 | 1.61 | 6.44 | 3.56 |
| Test 2 | 2.45 | 9.80 | 1.60 | 6.40 | 3.56 |
| Test 3 | 2.45 | 9.80 | 1.61 | 6.44 | 3.56 |
| Test 4 | 2.44 | 9.76 | 1.60 | 6.40 | 3.55 |
| Test 5 | 2.43 | 9.72 | 1.60 | 6.40 | 3.53 |
| Test 6 | 2.44 | 9.76 | 1.60 | 6.40 | 3.53 |
| Test 7 | 2.44 | 9.76 | 1.60 | 6.40 | 3.55 |
| Test 8 | 2.44 | 9.76 | 1.60 | 6.40 | 3.54 |
| Test 9 | 2.47 | 9.88 | 1.62 | 6.48 | 3.58 |
| Test10 | 2.47 | 9.88 | 1.62 | 6.48 | 3.62 |
| Average Value | 2.45 | 9.80 | 1.61 | 6.42 | 3.56 |

The results have been normalized to 1W (forward power) into the dipole.

Averaged over 1cm (1g) of tissue: 9.80 mW/g

Averaged over 10cm (10g) of tissue: 6.42 mW/g

835 MHz System Validation - March 16, 2004

DUT: Dipole 835 MHz; Type: D835V2; Serial: 411

Ambient Temp: 24.6°C; Fluid Temp: 21.9°C; Barometric Pressure: 101.6 kPa; Humidity: 31%

Communication System: CW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.94$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(7, 7, 7); Calibrated: 15/05/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn353; Calibrated: 19/12/2003
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

835 MHz System Validation/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

835 MHz System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 2.46 mW/g; SAR(10 g) = 1.61 mW/g

835 MHz System Validation/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.6 mW/g

835 MHz System Validation/Zoom Scan 3 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.61 mW/g

835 MHz System Validation/Zoom Scan 5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.6 mW/g

835 MHz System Validation/Zoom Scan 6 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.6 mW/g

835 MHz System Validation/Zoom Scan 7 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.6 mW/g

835 MHz System Validation/Zoom Scan 8 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.6 mW/g

835 MHz System Validation/Zoom Scan 9 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.54 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.6 mW/g

835 MHz System Validation/Zoom Scan 11 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.58 W/kg

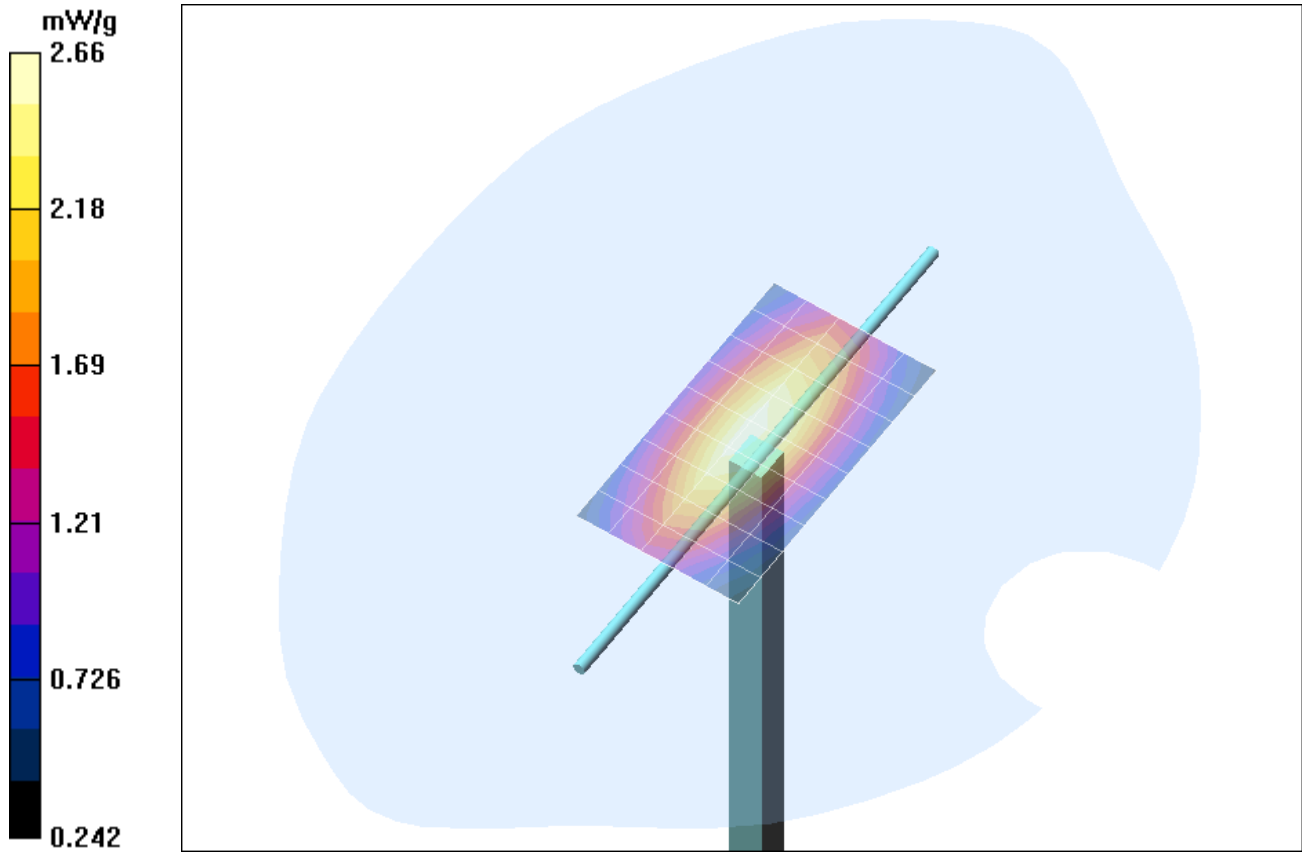
SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.62 mW/g

835 MHz System Validation/Zoom Scan 12 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

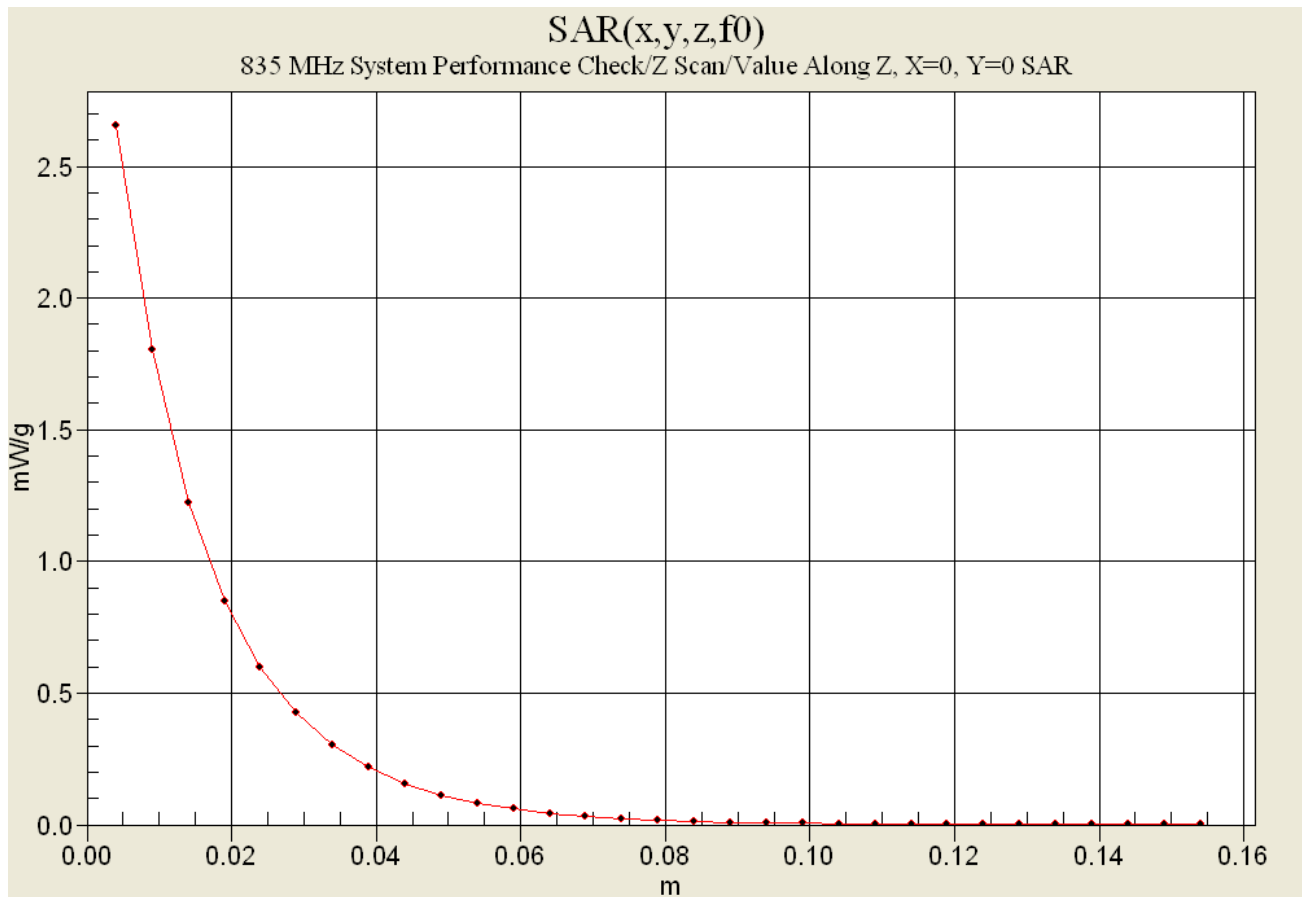
Reference Value = 56.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.62 mW/g



1 g average of 10 measurements: 2.449 mW/g
 10 g average of 10 measurements: 1.606 mW/g



835 MHz System Performance Check

Measured Fluid Dielectric Parameters (Brain)

March 16, 2004

| Frequency | ϵ' | ϵ'' |
|----------------|-------------|--------------|
| 735.000000 MHz | 43.8577 | 20.6938 |
| 745.000000 MHz | 43.6899 | 20.6481 |
| 755.000000 MHz | 43.5341 | 20.5840 |
| 765.000000 MHz | 43.4161 | 20.5576 |
| 775.000000 MHz | 43.3026 | 20.5312 |
| 785.000000 MHz | 43.2065 | 20.5122 |
| 795.000000 MHz | 43.1067 | 20.5061 |
| 805.000000 MHz | 43.0154 | 20.4762 |
| 815.000000 MHz | 42.8927 | 20.4182 |
| 825.000000 MHz | 42.7420 | 20.3806 |
| 835.000000 MHz | 42.6206 | 20.2993 |
| 845.000000 MHz | 42.4357 | 20.2595 |
| 855.000000 MHz | 42.2984 | 20.1872 |
| 865.000000 MHz | 42.1422 | 20.1432 |
| 875.000000 MHz | 42.0082 | 20.1253 |
| 885.000000 MHz | 41.8996 | 20.1110 |
| 895.000000 MHz | 41.8514 | 20.0192 |
| 905.000000 MHz | 41.7550 | 20.0083 |
| 915.000000 MHz | 41.6535 | 19.9701 |
| 925.000000 MHz | 41.5521 | 19.9380 |
| 935.000000 MHz | 41.4477 | 19.9175 |