Schmid & Partner Engineering AG

s p e a g

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Phone +41 1 245 9700, Fax +41 1 245 9779
info@speag.com, http://www.speag.com

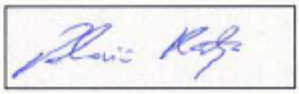
Additional Conversion Factors

for Dosimetric E-Field Probe

Type:	**ET3DV6**
Serial Number:	**1383**
Place of Assessment:	**Zurich**
Date of Assessment:	**February 28, 2005**
Probe Calibration Date:	**February 24, 2005**

Schmid & Partner Engineering AG hereby certifies that conversion factor(s) of this probe have been evaluated on the date indicated above. The assessment was performed using the FDTD numerical code SEMCAD of Schmid & Partner Engineering AG. Since the evaluation is coupled with measured conversion factors, it has to be recalculated yearly, i.e., following the re-calibration schedule of the probe. The uncertainty of the numerical assessment is based on the extrapolation from measured value at 900 MHz or at 1800 MHz.

Assessed by:



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Dosimetric E-Field Probe ET3DV6 SN:1383

Conversion factor (± standard deviation)

150 MHz	*ConvF*	**8.6 ± 10%**	ε_r = 52.3 σ = 0.76 mho/m (head tissue)
236 MHz	*ConvF*	**7.9 ± 10%**	ε_r = 48.2 σ = 0.82 mho/m (head tissue)
784 MHz	*ConvF*	**6.6 ± 7%**	ε_r = 41.8 σ = 0.90 mho/m (head tissue)

Important Note:

For numerically assessed probe conversion factors, parameters Alpha and Delta in the DASY software must have the following entries: Alpha = 0 and Delta = 1.

Please see also Section 4.7 of the DASY4 Manual.

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Dosimetric E-Field Probe ET3DV6 SN:1383

Conversion factor (± standard deviation)

150 MHz	*ConvF*	**8.2 ± 10%**	**ε_r = 61.9** **σ = 0.80 mho/m** (body tissue)
236 MHz	*ConvF*	**7.9 ± 10%**	**ε_r = 59.8** **σ = 0.87 mho/m** (body tissue)
300 MHz	*ConvF*	**7.8 ± 9%**	**ε_r = 58.2** **σ = 0.92 mho/m** (body tissue)
350 MHz	*ConvF*	**7.6 ± 9%**	**ε_r = 57.7** **σ = 0.93 mho/m** (body tissue)
784 MHz	*ConvF*	**6.3 ± 7%**	**ε_r = 55.4** **σ = 0.97 mho/m** (body tissue)

Important Note:

For numerically assessed probe conversion factors, parameters Alpha and Delta in the DASY software must have the following entries: Alpha = 0 and Delta = 1.

Please see also Section 4.7 of the DASY4 Manual.

Appendix C
Dipole Certificates

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Client Motorola CGISS

CALIBRATION CERTIFICATE

Object(s)	D835V2 - SN:426
Calibration procedure(s)	QA CAL-05.v2 Calibration procedure for dipole validation kits
Calibration date:	March 22, 2004
Condition of the calibrated item	In Tolerance (according to the specific calibration document)

This calibration statement documents traceability of M&TE used in the calibration procedures and conformity of the procedures with the ISO/IEC 17025 international standard.

All calibrations have been conducted in the closed laboratory facility: environment temperature 22 +/- 2 degrees Celsius and humidity < 75%.

Calibration Equipment used (M&TE critical for calibration)

Model Type	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power meter EPM E442	GB37480704	6-Nov-03 (METAS, No. 252-0254)	Nov-04
Power sensor HP 8481A	US37292783	6-Nov-03 (METAS, No. 252-0254)	Nov-04
Power sensor HP 8481A	MY41092317	18-Oct-02 (Agilent, No. 20021018)	Oct-04
RF generator R&S SML-03	100698	27-Mar-2002 (R&S, No. 20-92389)	In house check: Mar-05
Network Analyzer HP 8753E	US37390585	18-Oct-01 (SPEAG, in house check Nov-03)	In house check: Oct 05

	Name	Function	Signature
Calibrated by:	Judith Mueller	Technician	
Approved by:	Katja Pokovic	Laboratory Director	

Date issued: March 23, 2004

This calibration certificate is issued as an intermediate solution until the accreditation process (based on ISO/IEC 17025 International Standard) for Calibration Laboratory of Schmid & Partner Engineering AG is completed.

1. Measurement Conditions

The measurements were performed in the flat section of the SAM twin phantom filled with **head simulating solution** of the following electrical parameters at 835 MHz:

Relative Dielectricity	**42.1**	± 5%
Conductivity	**0.89 mho/m**	± 5%

The DASY4 System with a dosimetric E-field probe ET3DV6 (SN:1507, Conversion factor 6.3 at 835 MHz) was used for the measurements.

The dipole was mounted on the small tripod so that the dipole feedpoint was positioned below the center marking of the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 15mm from dipole center to the solution surface. The included distance spacer was used during measurements for accurate distance positioning.

The coarse grid with a grid spacing of 15mm was aligned with the dipole. The 7x7x7 fine cube was chosen for cube integration.
The dipole input power (forward power) was 250 mW ± 3 %. The results are normalized to 1W input power.

2. SAR Measurement with DASY4 System

Standard SAR-measurements were performed according to the measurement conditions described in section 1. The results (see figure supplied) have been normalized to a dipole input power of 1W (forward power). The resulting averaged SAR-values measured with the dosimetric probe ET3DV6 SN:1507 and applying the advanced extrapolation are:

averaged over 1 cm^3 (1 g) of tissue:	**10.0 mW/g** ± 16.8 % (k=2)[1]
averaged over 10 cm^3 (10 g) of tissue:	**6.52 mW/g** ± 16.2 % (k=2)[1]

[1] validation uncertainty

3. Dipole Impedance and Return Loss

The impedance was measured at the SMA-connector with a network analyzer and numerically transformed to the dipole feedpoint. The transformation parameters from the SMA-connector to the dipole feedpoint are:

Electrical delay:	**1.377 ns**	(one direction)
Transmission factor:	**0.986**	(voltage transmission, one direction)

The dipole was positioned at the flat phantom sections according to section 1 and the distance holder was in place during impedance measurements.

Feedpoint impedance at 835 MHz:	Re{Z} = **51.9 Ω**
	Im {Z} = **0.7 Ω**
Return Loss at 835 MHz	**-34.2 dB**

4. Handling

Do not apply excessive force to the dipole arms, because they might bend. Bending of the dipole arms stresses the soldered connections near the feedpoint leading to a damage of the dipole.

5. Design

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals.

6. Power Test

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

Date/Time: 03/22/04 16:17:27

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN426

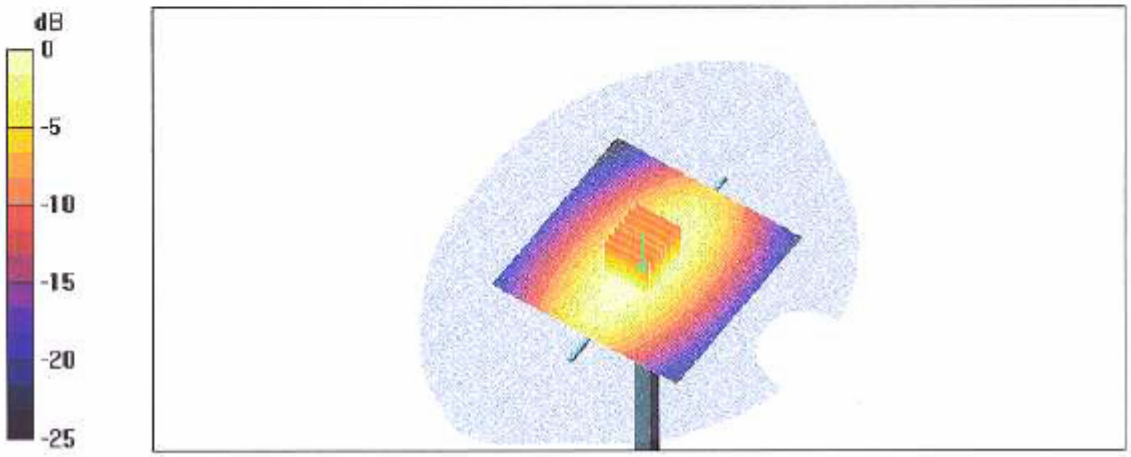
Communication System: CW-835; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL 835 MHz;
Medium parameters used: f = 835 MHz; σ = 0.89 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

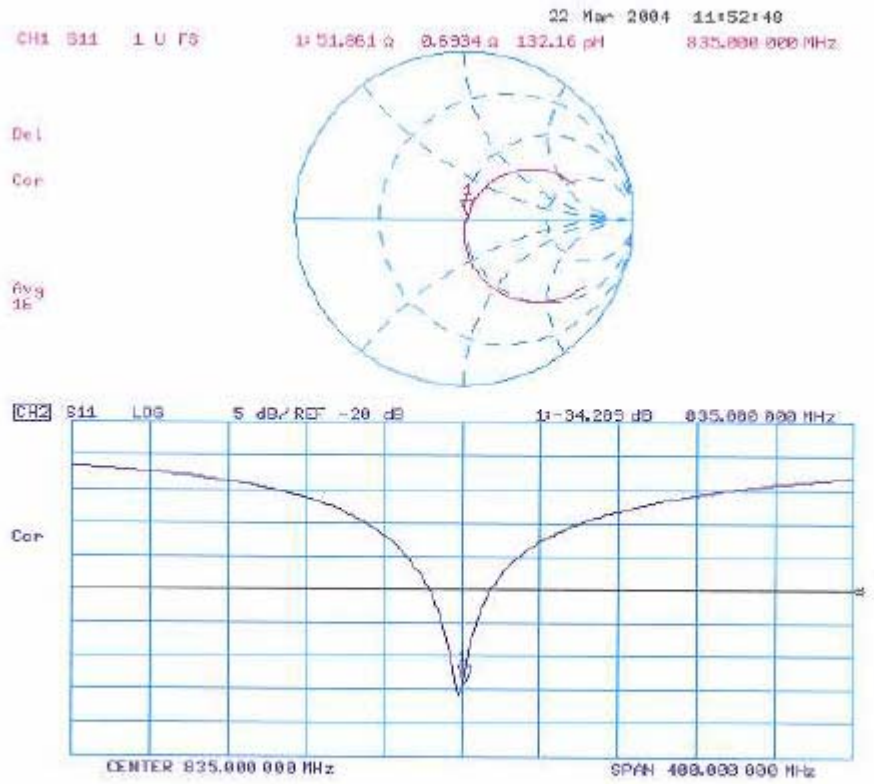
- Probe: ET3DV6 - SN1507; ConvF(6.3, 6.3, 6.3); Calibrated: 1/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn411; Calibrated: 11/6/2003
- Phantom: SAM with CRP - TP1006; Type: SAM 4.0; Serial: TP:1006;
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Pin = 250 mW; d = 15 mm/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 57 V/m; Power Drift = -0.009 dB
Maximum value of SAR (interpolated) = 2.68 mW/g

Pin = 250 mW; d = 15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57 V/m; Power Drift = -0.009 dB
Maximum value of SAR (measured) = 2.69 mW/g
Peak SAR (extrapolated) = 3.73 W/kg
SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.63 mW/g



0 dB = 2.69mW/g


22 Mar 2004 11:52:40
CH1 S11 1 U FS
1: 51.861 Ω 0.6934 Ω 132.16 pH
835.000 000 MHz
Del
Cor
Avg
16
CH2 S11 LOG 5 dB/ REF -20 dB
1: -34.285 dB 835.000 000 MHz
Cor
CENTER 835.000 000 MHz
SPAN 400.000 000 MHz

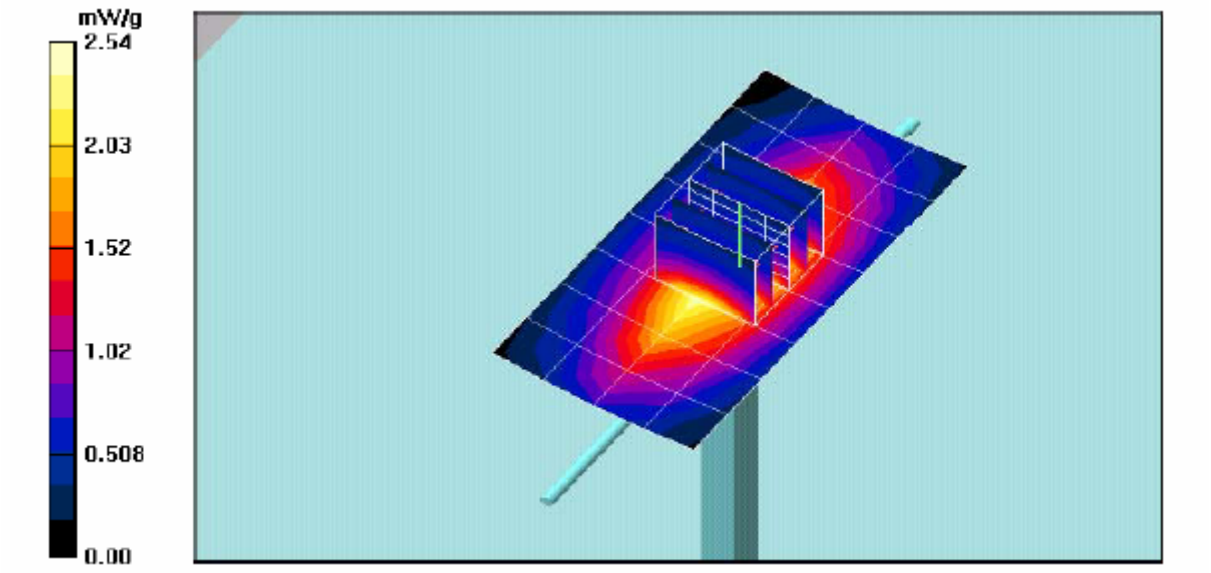
Appendix D
Test System Verification Scans

Note: Dipole validation scans at the head from SPEAG are provided in APPENDIX D. The GEMS EME lab validated the dipole to the applicable IEEE system performance targets. Within the same day system validation was performed using FCC body tissue parameters to generate the system performance target values for body at the applicable frequency. The results of the GEMS EME system performance validation are provided herein. To assess the isotropic characteristics of the measurement probe, two system performance zoom scans (0 and 90 degrees) were measured. The results were averaged together and adjusted to account for the power drift in order to obtain the final calculated 1 and 10 gram results.

Motorola GEMS EME Lab
SPEAG 825 MHz Dipole; Model D835V2, SN 426; Test Date: 7/12/05
Run #: 050712-01
Sim.Tissue Temp: 22.2 (C)
Model #: D835V2 S/N: 426
TX Freq: 835 (MHz) Start power: 250 (mW)

Target:
9.37 mW/g for 1g SAR 6.20 mW/g for 10g SAR
9.39 mW/g calculated 1g-SAR; + 0.26% from target (including drift)
6.18 mW/g calculated 10g-SAR; - 0.39% from target (including drift)

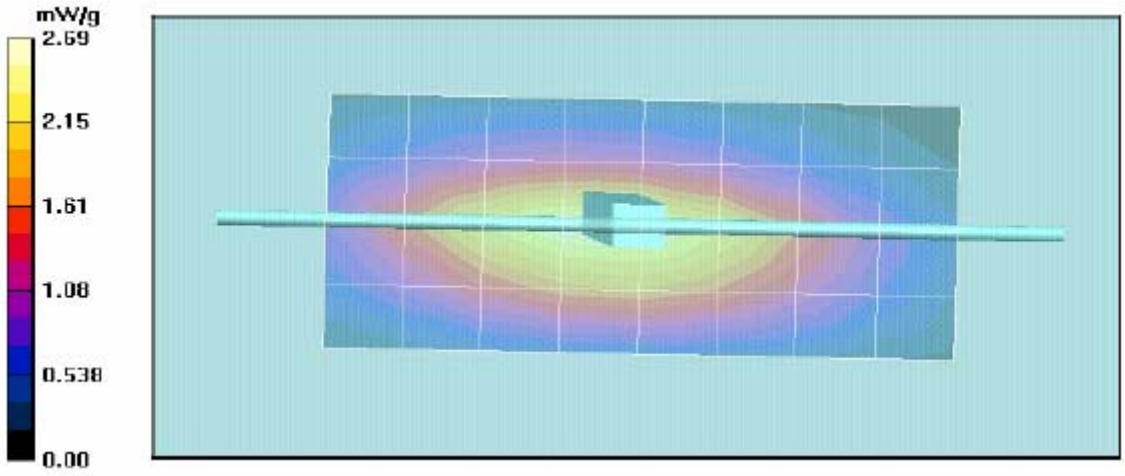
Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(6.03, 6.03, 6.03),
Duty Cycle: 1:1, Medium: 835 MHz FCC Body, Medium parameters used: $\sigma = 0.99$ mho/m, $\varepsilon_r = 54$; $\rho = 1000$ kg/m^3 ;
Electronics: DAE3 Sn406, Calibrated: 11/17/2004
System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.5 V/m; Power Drift = 0.00275 dB; Peak SAR (extrapolated) = 3.34 W/kg
SAR(1 g) = 2.35 mW/g; SAR(10 g) = 1.55 mW/g
System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.5 V/m; Power Drift = 0.00275 dB; Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 2.35 mW/g; SAR(10 g) = 1.54 mW/g



Motorola GEMS EME Lab
SPEAG 835 MHz Dipole; Model D835V2, SN 426; Test Date: 7/14/05
Run #: 050714-01
Sim.Tissue Temp: 21.4 (C)
Model #: D835V2 S/N: 426
TX Freq: 835 (MHz) Start power: 250 (mW)

Target:
9.37 mW/g for 1g SAR 6.20 mW/g for 10g SAR
9.76 mW/g calculated 1g-SAR; + 4.19% from target (including drift)
6.43 mW/g calculated 10g-SAR; + 3.70% from target (including drift)

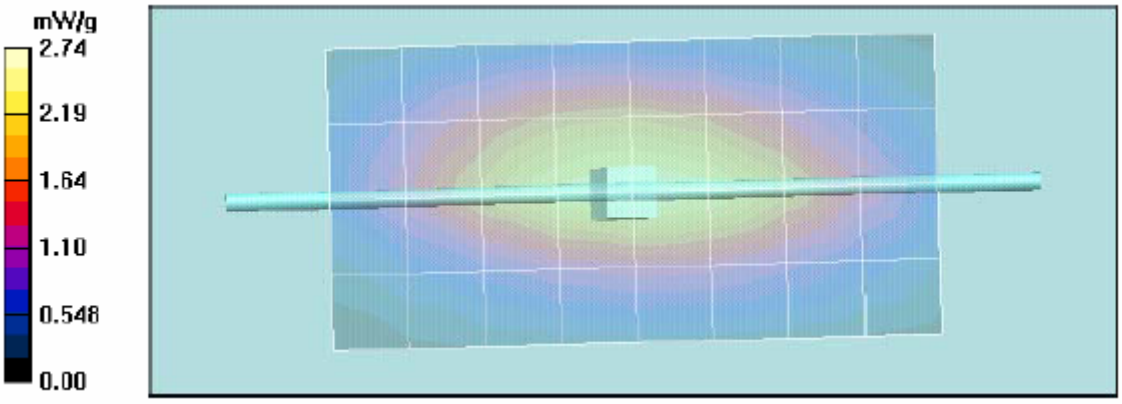
Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(6.03, 6.03, 6.03),
Duty Cycle: 1:1, Medium: 835 MHz FCC Body, Medium parameters used: $\sigma = 0.99$ mho/m, $\varepsilon_r = 54.2$; $\rho = 1000$ kg/m^3 ;
Electronics: DAE3 Sn406, Calibrated: 11/17/2004
System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.4 V/m; Power Drift = 0.0607 dB; Peak SAR (extrapolated) = 3.51 W/kg
SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.63 mW/g
System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.4 V/m; Power Drift = 0.0607 dB; Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.63 mW/g



Motorola GEMS EME Lab
SPEAG 835 MHz Dipole; Model D835V2, SN 426; Test Date: 7/19/05
Run #: CM-SYSP-835B-050719-06
Sim.Tissue Temp: 20.4 (C)
Model #: D835V2 S/N: 426
TX Freq: 835 (MHz) Start power: 250 (mW)

Target:
9.37 mW/g for 1g SAR 6.20 mW/g for 10g SAR
10.15 mW/g calculated 1g-SAR; + 8.28% from target (including drift)
6.67 mW/g calculated 10g-SAR; + 7.59% from target (including drift)

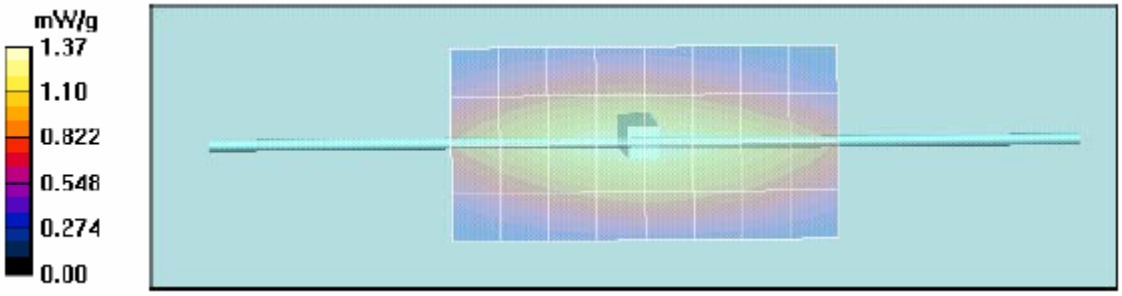
Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(6.03, 6.03, 6.03),
Duty Cycle: 1:1, Medium: 835 MHz FCC Body, Medium parameters used: σ = 1.01 mho/m, ε_r = 53.9; ρ = 1000 kg/m^3 ;
Electronics: DAE3 Sn406, Calibrated: 11/17/2004
System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.3 V/m; Power Drift = -0.0198dB; Peak SAR (extrapolated) = 3.60 W/kg
SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.66 mW/g
System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.3 V/m; Power Drift = -0.0198 dB; Peak SAR (extrapolated) = 3.58 W/kg
SAR(1 g) = 2.52 mW/g; SAR(10 g) = 1.66 mW/g



Motorola GEMS EME Lab
SPEAG 835 MHz Dipole; Model D835V2, SN 426; Test Date: 7/20/05
Run #: JsT-SYSP-835B-050720-01
Sim.Tissue Temp: 21.8 (C)
Model #: D835V2 S/N: 426
TX Freq: 835 (MHz) Start power: 250 (mW)

Target:
9.37 mW/g for 1g SAR 6.20 mW/g for 10g SAR
10.05 mW/g calculated 1g-SAR; + 7.27% from target (including drift)
6.60 mW/g calculated 10g-SAR; + 6.46% from target (including drift)

Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(6.03, 6.03, 6.03),
Duty Cycle: 1:1, Medium: 835 MHz FCC Body, Medium parameters used: σ = 1 mho/m, ε_r = 52.6; ρ = 1000 kg/m^3 ;
Electronics: DAE3 Sn406, Calibrated: 11/17/2004
System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.9 V/m; Power Drift = 0.0126 dB; Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.67 mW/g
System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.9 V/m; Power Drift = 0.0126 dB; Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.64 mW/g



SYSTEM PERFORMANCE TARGET CHECK

Date:	28 March 2005	Frequency (MHz):	835
Lab Location:	GEMS-EME	Mixture Type:	835-Body
Robot System:	GEMS-EME -2	Ambient Temp.(°C):	22.0
Probe Serial #:	1393	Tissue Temp.(°C):	21.7
DAE Serial #:	DAE3V1 SN406		

Tissue Characteristics		Phantom Type/SN:	80302002D-S14
Permitivity:	53.2	Distance (mm):	15
Conductivity:	0.96		

Reference Source: Dipole (Dipole/Handset)
Reference SN: 426

Power to Dipole: 250 mW
Power Output (radio): N/A mW

Measured SAR Value: 2.355 mW/g, 1.56 mW/g (10g avg.)
Power Drift: 0.0248 dB

Measured SAR Value: 9.37 mW/g, 6.20 mW/g (10g avg.)
(normalized to 1.0 W,
with drift compensation)

Test performed by: Dave Hopper Initial: WDH

DUT: Dipole 835 MHz; Date/Time: 03/28/05 07:45:22
Run #: 050328-01 Test operator: Dave Hopper
Robot = GEMS-2 Phantom #: 80302002D-S14 Sim.Tissue Temp: 21.7 (C)
Model #: D835V2 S/N: 426
TX Freq: 835(MHz) Start power: 250 (mW)
Target:
Establishing New Body Targets
9.37 mW/g calculated 1g-SAR; 0 % from target (including drift)
6.20 mW/g calculated 10g-SAR; 0 % from target (including drift)

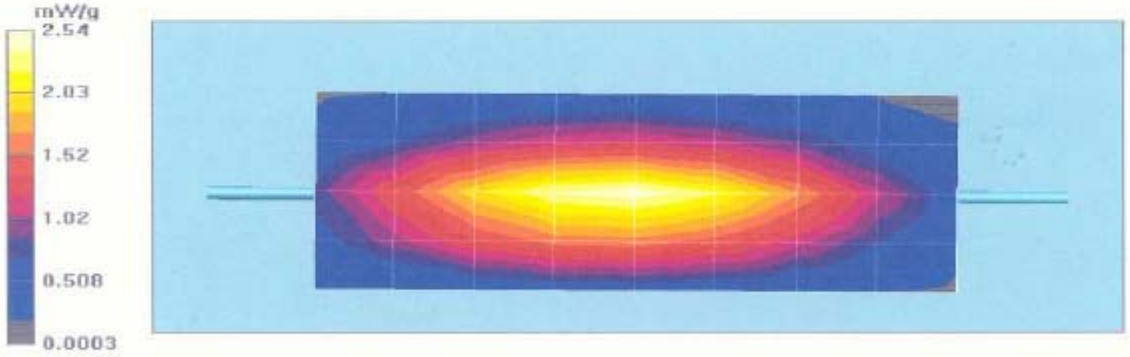
Probe: ET3DV6 - SN1393, Calibrated: 4/28/2004, ConvF(6.35, 6.35, 6.35)
Duty Cycle: 1:1, Medium: 835 MHz FCC Body, Medium parameters used: $\sigma = 0.96$; mho/m, $\varepsilon_r = 53.2$; $\rho = 1000$ kg/m^3
Electronics: DAE3 Sn406, Calibrated: 11/17/2004

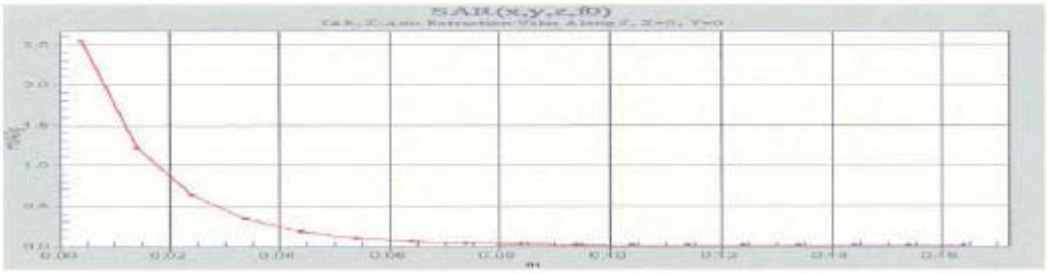
System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.9 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 3.32 W/kg
SAR(1 g) = 2.34 mW/g; SAR(10 g) = 1.55 mW/g
Maximum value of SAR (measured) = 2.53 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.9 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (measured) = 2.57 mW/g

System Performance Check/Dipole Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.49 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.54 mW/g

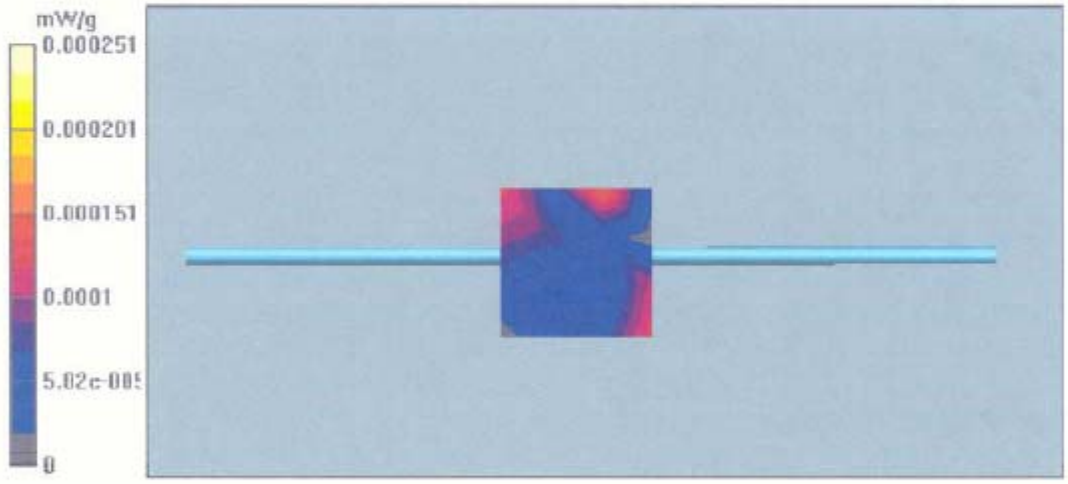




DUT: Dipole 835 MHz; Date/Time: 03/28/05 07:45:22
Run #: 050328-01 Test operator: Dave Hopper
Robot = GEMS-2 Phantom #: 80302002D-S14 Sim.Tissue Temp: 21.7 (C)
Model #: D835V2 S/N: 426
TX Freq: 835(MHz) Start power: 250 (mW)
Target:
Establishing New Body Targets
9.37 mW/g calculated 1g-SAR; 0 % from target (including drift)
6.20 mW/g calculated 10g-SAR; 0 % from target (including drift)

Probe: ET3DV6 - SN1393, Calibrated: 4/28/2004, ConvF(6.35, 6.35, 6.35)
Duty Cycle: 1:1, Medium: 835 MHz FCC Body, Medium parameters used: $\sigma = 0.96$; mho/m, $\varepsilon_r = 53.2$; $\rho = 1000$ kg/m^3
Electronics: DAE3 Sn406, Calibrated: 11/17/2004

System Performance Check/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 52.9 V/m; Power Drift = not measured
Maximum value of SAR (measured) = 0.000251 mW/g



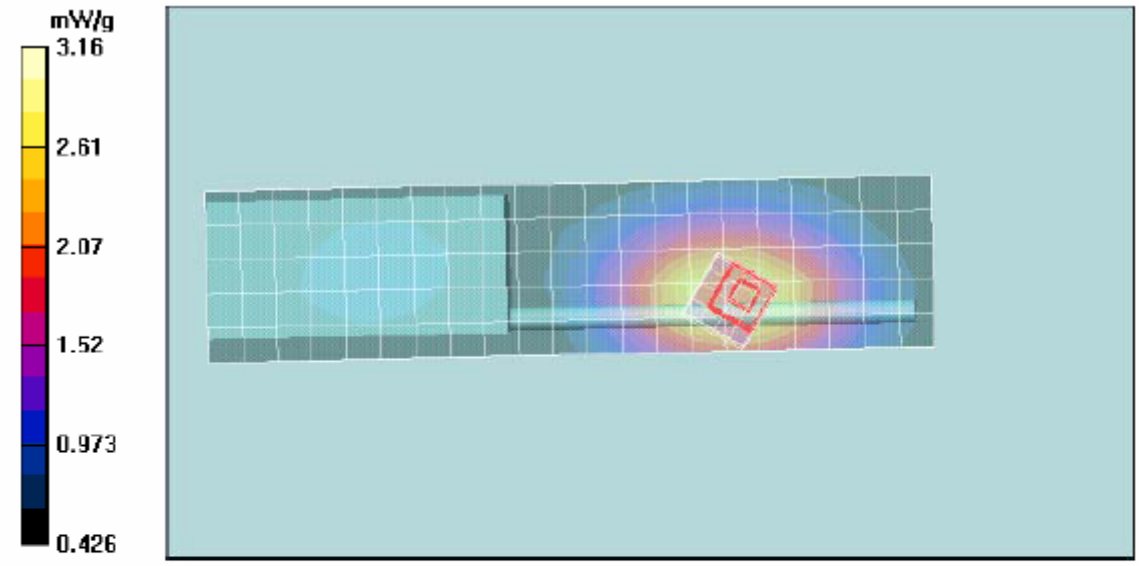
Appendix E
DUT Scans (Shortened scans & Highest SAR configurations)

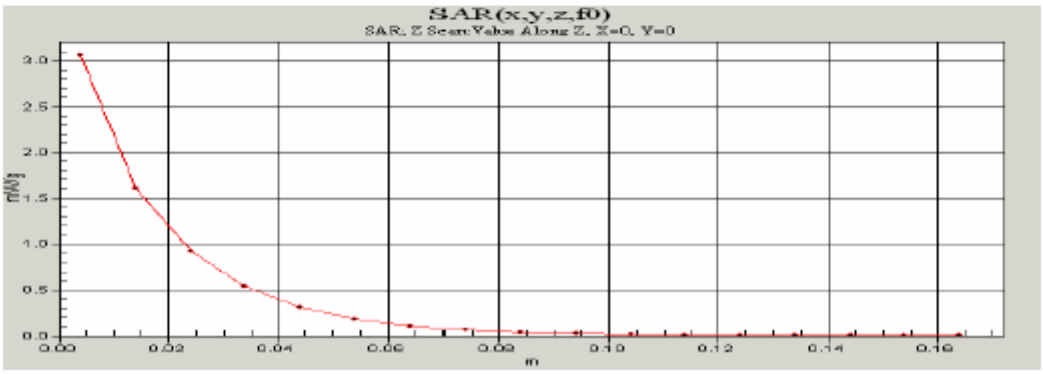
Motorola GEMS EME Laboratory
FCC ID: ABZ99FT5000; Test Date: 7/19/2005

Run #: CM-Face-050719-10	Test operator: C. Miller
Sim. Tissue Temp: 20.3 (C)	
Model #: PMUF1105A	SN: 008TCL1865
Antenna: NAF5083A	TX Freq (MHz): 776
Battery: NNTN5332A (AA Shell Pack)	Start power: 2.86 W
Carry acc.: NTN8266B belt clip fixed to battery	Audio acc.: None

Comments:
Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(6.6, 6.6, 6.6)
Duty Cycle: 1:1, Medium: 770 IEEE MHz Head , Medium parameters used: σ = 0.93 mho/m, ε_r = 43; ρ = 1000 kg/m3
Electronics: DAE3 Sn406, Calibrated: 11/17/2004
Face template/5x5x7 Zoom Scan/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm
Reference Value = 54.4 V/m; Power Drift = -0.336 dB
SAR(1 g) = 3.02 mW/g; SAR(10 g) = 2.15 mW/g

Comments: Short Scan at the face with front of unit 2.5 cm.
Shortened scan reflects highest S.A.R. producing configuration; Run time 6 minutes.
Representative "normal" scan run time was 23 minutes
"Shortened" scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 1.71mW/g; 10-g Avg. = 1.22mW/g
"Normal" scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 1.92mW/g; 10-g Avg. = 1.36mW/g
(See part 1 of 1 section 9.0 run #CM-Face-050719-07)

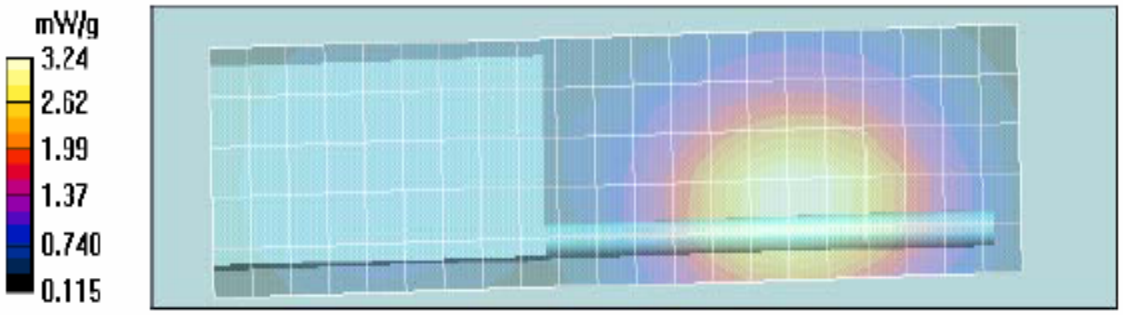


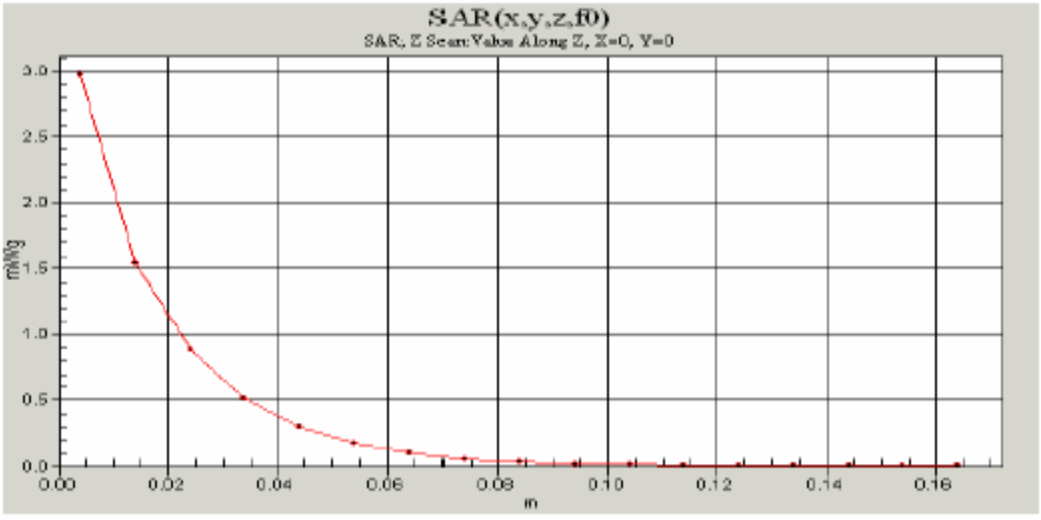


Motorola GEMS EME Laboratory
FCC ID: ABZ99FT5000; Test Date: 7/19/2005

Run #: CM-Face-050719-07	Test operator: C. Miller
Sim. Tissue Temp: 20.4 (C)	
Model #: PMUF1105A	SN: 008TCL1865
Antenna: NAF5083A	TX Freq (MHz): 776
Battery: NNTN5332A (AA Shell Pack)	Start power: 2.83 W
Carry acc.: NTN8266B belt clip fixed to battery	Audio acc.: None

Comments:
Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(6.6, 6.6, 6.6)
Duty Cycle: 1:1, Medium: 770 IEEE MHz Head , Medium parameters used: $\sigma = 0.93$ mho/m, $\varepsilon_r = 43$; $\rho = 1000$ kg/m3
Electronics: DAE3 Sn406, Calibrated: 11/17/2004
Face template/7x7x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5.0mm, dy=5.0mm, dz=5.0mm
Reference Value = 58.5 V/m; Power Drift = -0.935 dB
SAR(1 g) = 2.92 mW/g; SAR(10 g) = 2.07 mW/g

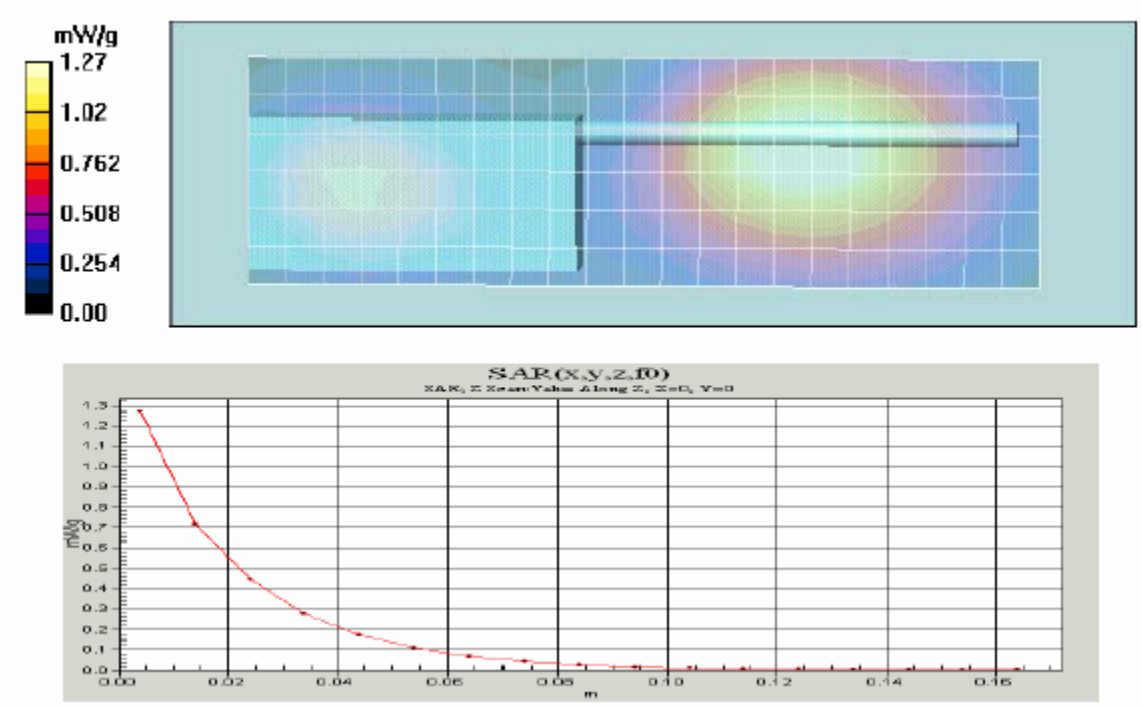




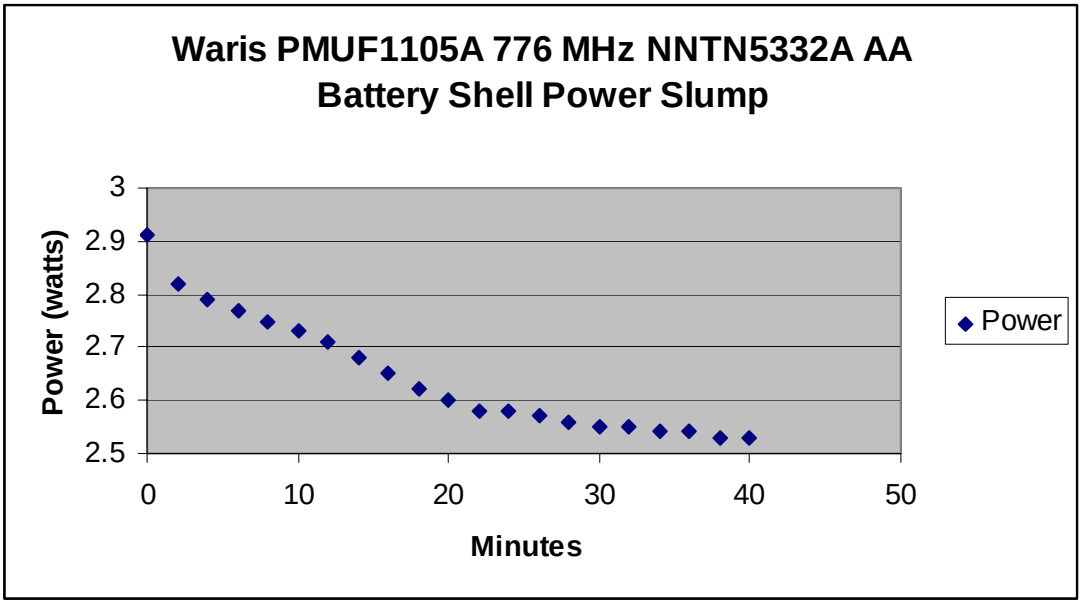
Motorola GEMS EME Laboratory
FCC ID: ABZ99FT5000; Test Date: 7/20/2005

Run #: CM-Ab-050720-05	Test operator: C. Miller
Sim. Tissue Temp: 21.4 (C)	
Model #: PMUF1105A	SN: 008TCL1865
Antenna: NAF5083A	TX Freq (MHz): 776
Battery: NNTN5332A (AA Shell Pack)	Start power: 2.95 W
Carry acc.: NTN8266B belt clip fixed to battery	Audio acc.: PMLN4418B

Comments:
Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(6.3, 6.3, 6.3)
Duty Cycle: 1:1, Medium: 770 MHz FCC Head , Medium parameters used: $\sigma = 0.92$ mho/m, $\varepsilon_r = 53.3$; $\rho = 1000$ kg/m3
Electronics: DAE3 Sn406, Calibrated: 11/17/2004
Body template/7x7x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 39.8 V/m; Power Drift = -0.775 dB
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.920 mW/g



APPENDIX F
DUT Supplementary Data (Power slump)



Minutes	Power
0	2.91
2	2.82
4	2.79
6	2.77
8	2.75
10	2.73
12	2.71
14	2.68
16	2.65
18	2.62
20	2.60
22	2.58
24	2.58
26	2.57
28	2.56
30	2.55
32	2.55
34	2.54
36	2.54
38	2.53
40	2.53

Appendix G
DUT Test Position Photos

Figure 1: Highest S.A.R. Test Position (Face)
Front of radio separated 2.5cm

Figure 2: Highest S.A.R. Test Position (Body)
Unit back against phantom
Audio accessory model PMLN4418B attached.