

 <b style="font-size: 1.2em;">MOTOROLA</b>	 Certificate Number: 1449-01
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**FCC ID: AZ489FT3811**  
**DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2**

<b>Government &amp; Enterprise Mobility Solutions</b> EME Test Laboratory 8000 West Sunrise Blvd Fort Lauderdale, FL. 33322	<b>Date of Report:</b> August 29, 2005 <b>Report Revision:</b> Rev. 0 <b>Report ID:</b> FCC rpt_RLD1036A_Rev O_050829 SR2738
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<p><b>Responsible Engineer:</b> Deanna Zakharia (Elect. Principal Staff Eng.)  <b>Date/s Tested:</b> 8/12/05, 8/15/05, &amp; 8/24/05  <b>Manufacturer/Location:</b> Motorola - China  <b>Sector/Group/Div.:</b> CPD  <b>Date submitted for test:</b> 8/9/05  <b>DUT Description:</b> ELB1110 1 watt radiated output VHF, 1 channel 12.5KHz, Display, Fixed antenna  <b>Test TX mode(s):</b> CW  <b>Max. Power output:</b> 1.2 watts  <b>Nominal Power:</b> 1.0 watt  <b>Tx Frequency Bands:</b> 151.6250MHz – 158.4075MHz  <b>Signaling type:</b> FM  <b>Model(s) Tested:</b> RLD1036A  <b>Model(s) Certified:</b> RLD1036A  <b>Serial Number(s):</b> S/N003, S/N004  <b>Classification:</b> Occupational/Controlled  <b>Rule Part(s):</b> 90</p> <p><b>Approved Accessories:</b>  <b>Antenna(s):</b> Fixed antenna (UHF Helical 151.6250-158.4075MHz ¼ λ -2.0dBi gain)  <b>Battery(ies):</b> IXNN4001A (3.6V rechargeable battery)</p> <p><b>Body worn accessory(ies):</b> 1564019V01 (Spring belt clip); 428038W44 (standard belt clip)</p> <p><b>Audio/Data cable accessory(ies):</b> HMN9026C (Remote speaker microphone); NTN9159E (light headset); HMN9025C (Ear bud w/PTT microphone); HCSN4000C (Ear bud w/ PTT microphone); HCSN4001B (Earpiece w/ boom microphone); HMN9039D (Earpiece w/ boom microphone)</p> <p style="text-align: center;"><b>Max. Calc. 1-g/10-g Avg. SAR: 0.42/0.25 mW/g (Body)</b>  <b>Max. Calc. 1-g/10-g Avg. SAR: 0.25/0.19 mW/g (Face)</b></p>	
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Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 2.0 of this report. This report shall not be reproduced without written approval from an officially designated representative of the Motorola EME Laboratory.

This reporting format is consistent with the test report guidelines of the TIA TSB-150 December 2004  
 The results and statements contained in this report pertain only to the device(s) evaluated.

<p><b>Signature on file</b>                  Ken Enger GEMS EME Lab Senior Resource Manager,                  Laboratory Director,</p> <p><b>Approval Date:</b> 8/30/05</p>	<p><b>Certification Date:</b> 8/30/05</p> <p><b>Certification No.:</b> L1050832P</p>
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**Appendix C**  
**Dipole Calibration Certificates**

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

Client **Motorola CGISS**

**CALIBRATION CERTIFICATE**

Object(s) **D300V2 - SN:1002**

Calibration procedure(s) **QA CAL-15.v2  
Calibration procedure for dipole validation kits below 800 MHz**

Calibration date: **May 29, 2004**

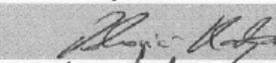
Condition of the calibrated item **In Tolerance (according to the specific calibration document)**

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 E4419B	GB41293874	5-May-04 (METAS, No 251-00388)	May-05
Power sensor E4412A	MY41495277	5-May-04 (METAS, No 251-00388)	May-05
Reference 20 dB Attenuator	SN: 5086 (20b)	3-May-04 (METAS, No 251-00389)	May-05
Fluke Process Calibrator Type 702	SN: 6295803	8-Sep-03 (Sintrel SCS No. E-030020)	Sep-04
Power sensor HP 8481A	MY41092180	18-Sep-02 (SPEAG, in house check Oct-03)	In house check: Oct 05
RF generator HP 8684C	US3642U01700	4-Aug-99 (SPEAG, in house check Aug-02)	In house check: Aug-05
Network Analyzer HP 8753E	US37390585	18-Oct-01 (SPEAG, in house check Oct-03)	In house check: Oct 05

	Name	Function	Signature
Calibrated by:	Katja Pokovic	Laboratory Director	
Approved by:	Niels Kuster	Quality Manager	

Date issued: May 29, 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.

D300V2- SN:1002

## 1. Measurement Conditions

The measurements were performed in the 6mm thick flat phantom filled with **head** simulating liquid of the following electrical parameters at 300 MHz:

Relative Dielectricity	<b>45.8</b>	$\pm 5\%$
Conductivity	<b>0.89 mho/m</b>	$\pm 5\%$

The DASY4 System with a dosimetric E-field probe ET3DV6 (SN:1507, Conversion factor 8.75 at 300 MHz) was used for the measurements.

The dipole was mounted on the small tripod so that the dipole feedpoint was positioned below the center of the flat phantom and the dipole was oriented parallel to the longer side of the phantom. The standard measuring distance was 15mm from dipole center to the liquid surface including the 6mm thick phantom shell. 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 398 mW  $\pm 3\%$ . The results are normalized to 1W input power.

## 2. SAR Measurement with DASY 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 <sup>3</sup> (1 g) of tissue:	<b>2.81 mW/g</b> $\pm 20.7\%$ (k=2) <sup>1</sup>
averaged over 10 cm <sup>3</sup> (10 g) of tissue:	<b>1.87 mW/g</b> $\pm 20.2\%$ (k=2) <sup>1</sup>



Test Laboratory: SPEAG, Zurich, Switzerland  
DUT: Dipole 300 MHz; Serial: D300V2 - SN:1002

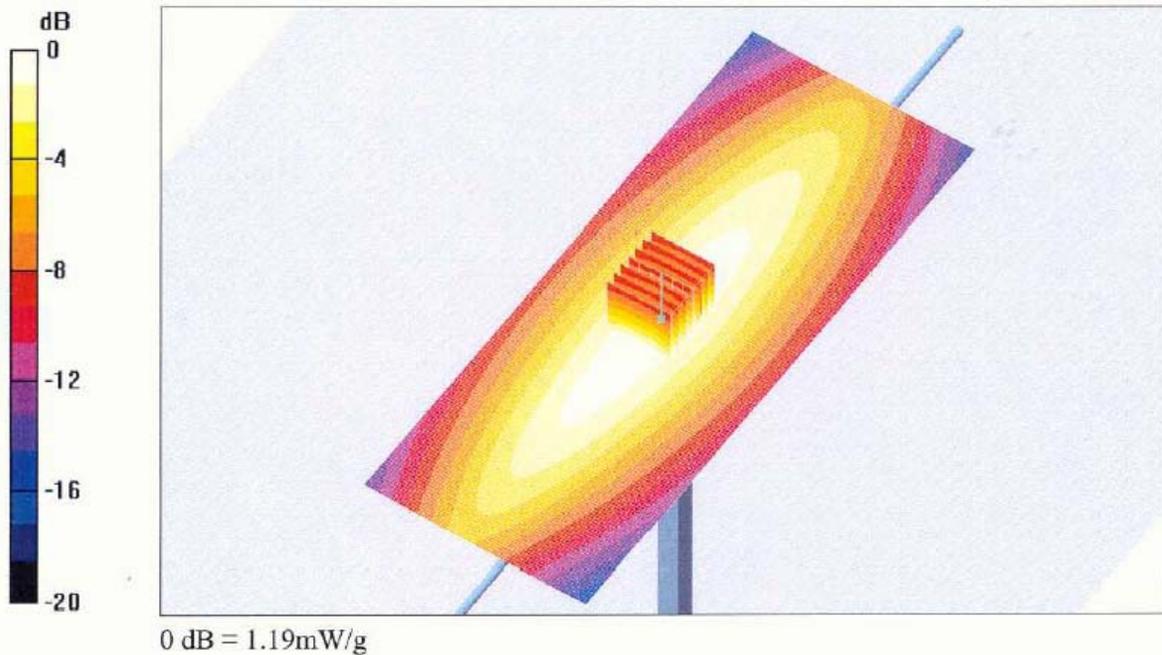
Communication System: CW; Duty Cycle: 1:1; Medium: HSL300  
Medium parameters used:  $f = 300 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 45.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom: Flat Phantom 4.4; Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: ET3DV6 - SN1507 (low frequencies); ConvF(8.75, 8.75, 8.75);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 600; Calibrated: 9/30/2003
- Measurement SW: DASY4, V4.2 Build 44;

**d=15mm, Pin=398mW/Area Scan (71x181x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 37.6 V/m; Power Drift = -0.2 dB  
Maximum value of SAR (interpolated) = 1.19 mW/g

**d=15mm, Pin=398mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 37.6 V/m; Power Drift = -0.2 dB  
Maximum value of SAR (measured) = 1.19 mW/g  
Peak SAR (extrapolated) = 1.77 W/kg  
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.744 mW/g



## **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 gram results.

**Motorola GEMS EME Lab**

**SPEAG 300 MHz Dipole; Model D300V2, SN 1002; Test Date: 8/12/05**

Run #: ErC-SYSP-300B-050812-01

Sim.Tissue Temp: 21.3 (C)

TX Freq: 300 (MHz)

Start power: 250 (mW)

Target:

2.79 mW/g for 1g SAR 1.83 mW/g for 10g SAR

2.74 mW/g calculated 1g-SAR; -1.81% from target (including drift)

1.83 mW/g calculated 10g-SAR; -0.27% from target (including drift)

Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(7.7, 7.7, 7.7),

Duty Cycle: 1:1, Medium: 300 MHz Body, Medium parameters used:  $\sigma = 0.89$  mho/m,  $\epsilon_r = 57.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Electronics: DAE3 Sn363, Calibrated: 5/24/2005

**System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm; Reference Value = 27.5 V/m; Power Drift = -0.012 dB

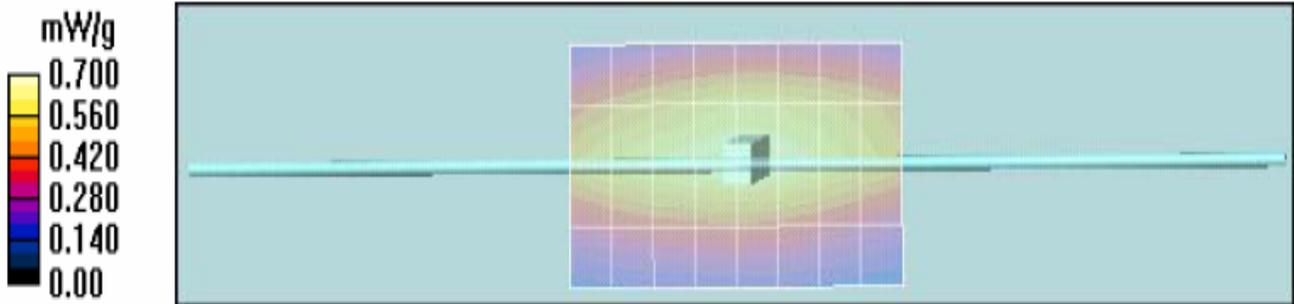
**SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.439 mW/g**

Maximum value of SAR (measured) = 0.697 mW/g

**System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm; Reference Value = 27.5 V/m; Power Drift = -0.012 dB

**SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.471 mW/g**



**Motorola GEMS EME Lab**

**SPEAG 300 MHz Dipole; Model D300V2, SN 1002; Test Date: 8/15/05**

Run #: ErC-SYSP-300B-050815-01

Sim.Tissue Temp: 21.6 (C)

TX Freq: 300 (MHz)

Start power: 250 (mW)

Target:

2.79 mW/g for 1g SAR 1.83 mW/g for 10g SAR

2.82 mW/g calculated 1g-SAR; 0.91% from target (including drift)

1.86 mW/g calculated 10g-SAR; 1.84% from target (including drift)

Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(7.7, 7.7, 7.7),

Duty Cycle: 1:1, Medium: 300 MHz Body, Medium parameters used:  $\sigma = 0.91$  mho/m,  $\epsilon_r = 57.8$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Electronics: DAE3 Sn363, Calibrated: 5/24/2005

**System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm; Reference Value = 27.9 V/m; Power Drift = 0.00 dB

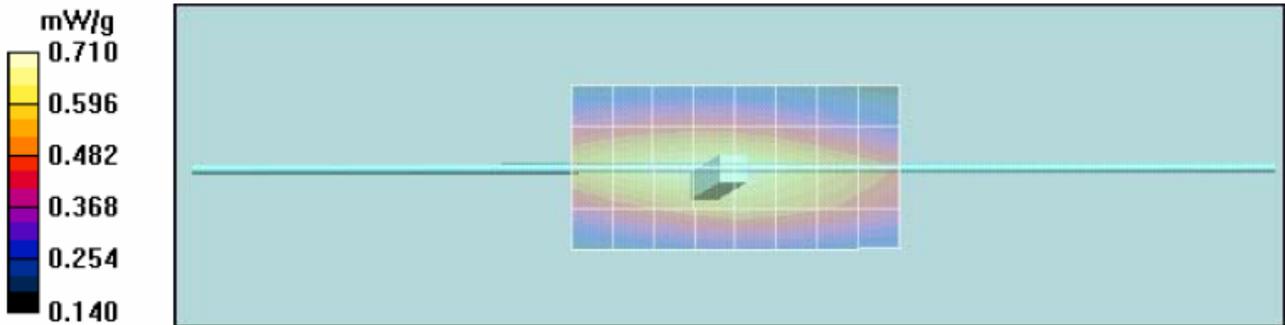
**SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.452 mW/g**

Maximum value of SAR (measured) = 0.722 mW/g

**System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm; Reference Value = 27.9 V/m; Power Drift = 0.00 dB

**SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.480 mW/g**



Motorola GEMS EME Lab

SPEAG 300 MHz Dipole; Model D300V2, SN 1002; Test Date: 8/24/05

Run #: JsT-SYSP-300B-050824-01

Sim. Tissue Temp: 21.9 (C)

TX Freq: 300 (MHz)

Start power: 250 (mW)

Target:

2.79 mW/g for 1g SAR 1.83 mW/g for 10g SAR

2.78 mW/g calculated 1g-SAR; -0.36% from target (including drift)

1.85 mW/g calculated 10g-SAR; 0.90% from target (including drift)

Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(7.7, 7.7, 7.7)

Duty Cycle: 1:1, Medium: 300 MHz Body, Medium parameters used:  $\sigma = 0.89$  mho/m,  $\epsilon_r = 57.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn363, Calibrated: 5/24/2005

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm; Reference Value = 28.3 V/m; Power Drift = -0.00598 dB

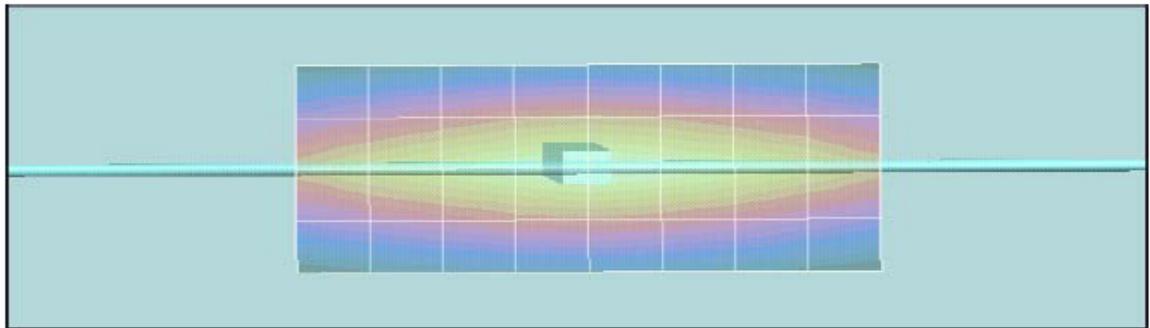
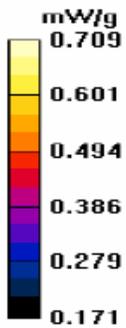
SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.709 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm; Reference Value = 28.3 V/m; Power Drift = -0.00598 dB

SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.476 mW/g



**SYSTEM PERFORMANCE CHECK TARGET SAR**

Date:	<u>7/18/2005</u>	Frequency (MHz):	<u>300</u>
Lab Location:	<u>GEMS</u>	Mixture Type:	<u>FCC Body</u>
Robot System:	<u>GEMS-2</u>	Ambient Temp.(°C):	<u>21.4</u>
Probe Serial #:	<u>1383</u>	Tissue Temp.(°C):	<u>21.6</u>
DAE Serial #:	<u>406</u>		

Tissue Characteristics

Permittivity:	<u>58.4</u>	Phantom Type/SN:	<u>80602002C</u>
Conductivity:	<u>0.92</u>	Distance (mm):	<u>15 (tissue/dipole cnt)</u>

Reference Source:	<u>300 MHz</u>	(Dipole)
Reference SN:	<u>1002</u>	

Power to Dipole: 250 mW

Measured SAR Value:	<u>0.695</u> mW/g,	<u>0.457</u> mW/g (10g avg.)
Power Drift:	<u>-0.0115</u> dB	

New Target/Measured

SAR Value:	<u>2.79</u> mW/g,	<u>1.83</u> mW/g (10g avg.)
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(normalized to 1.0 W, including drift)

Test performed by: C. Miller Initial: Signature on file

DUT: Dipole 300 MHz; Date/Time: 7/18/2005 7:29:17 PM Date/Time: 7/18/2005 7:35:22 PM Date/Time: 7/18/2005 7:24:12 PM Date/Time: 7/18/2005 7:42:20 PM

Run #: CM-SYSP-300B-050718-02

Sim.Tissue Temp: 21.6 (C)

Robot: GEMS-2

Phantom #: 80602002C-S3

Model #: D300V2

S/N: 1002

TX Freq: 300 (MHz)

Start power: 250 (mW)

Target:

2.79 mW/g for 1g SAR 1.83 mW/g for 10g SAR

2.79 mW/g calculated 1g-SAR; 0.00 % from target (including drift)

1.83 mW/g calculated 10g-SAR; 0.00 % from target (including drift)

Probe: ET3DV6 - SN1383, Calibrated: 2/24/2005, ConvF(7.8, 7.8, 7.8)

Duty Cycle: 1:1, Medium: 300 Body, Medium parameters used:  $\sigma = 0.92$  mho/m,  $\epsilon_r = 58.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 = 28.0 V/m; Power Drift = -0.0115 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.732 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.0 V/m; Power Drift = -0.0115 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.724 mW/g

System Performance Check/Dipole Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.720 mW/g

System Performance Check/Dipole Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

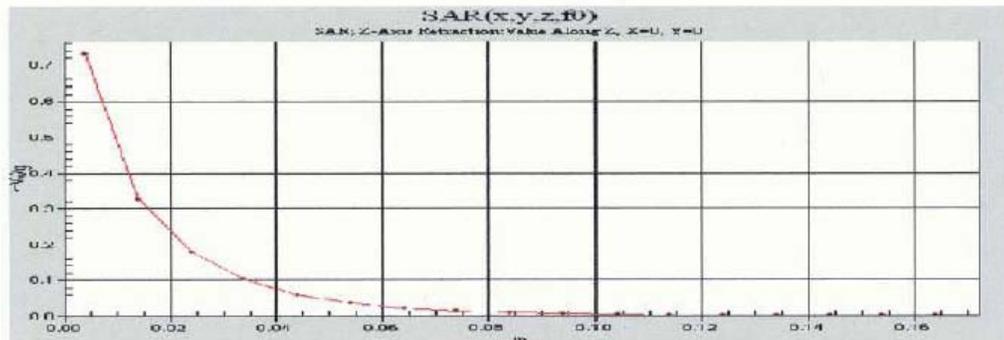
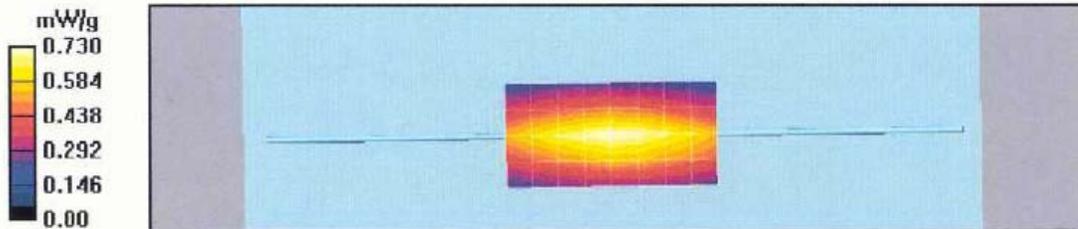
Reference Value = 28.0 V/m; Power Drift = -0.0115 dB

Motorola Fast SAR: SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (interpolated) = 0.725 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.730 mW/g



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

### Shortened Scan Results

FCC ID: AZ489FT3811; Test Date: 8/15/04

Motorola GEMS EME Laboratory

Run #: ErC-Ab-050815-09

Sim. Tissue Temp: 21.2 (C)

Model #: RLD1036A SN: S/N003

Antenna: FIXED TX Freq (MHz): 154.6

Battery: IXNN4001A Start power: 1.172 W

Carry acc.: 1564019V01 Audio acc.: HMN9026C

Shortened scan reflect highest S.A.R. producing configuration; Run time 7 minutes.

Representative “normal” scan run time was 26 minutes

“Shortened” scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 0.39mW/g; 10-g Avg. = 0.22mW/g

“Normal” scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 0.42mW/g; 10-g Avg. = 0.25mW/g

(see part 1 of 2 section 9.0 run # ErC-Ab-050815-08)

#### DUT with carry accessory against the phantom

Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(8.3, 8.3, 8.3)

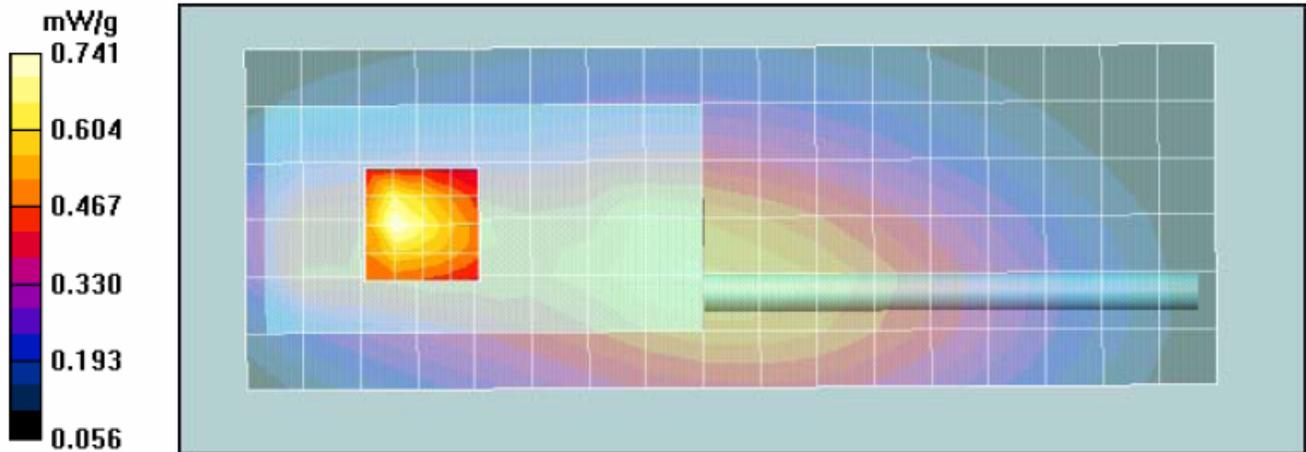
Duty Cycle: 1:1, Medium: 155 MHz Body, Medium parameters used:  $\sigma = 0.81$  mho/m,  $\epsilon_r = 61.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn363, Calibrated: 5/24/2005

Short Scan/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm

Reference Value = 30.2 V/m; Power Drift = -0.385 dB

SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.390 mW/g



FCC ID: AZ489FT3811; Test Date: 8/15/04

Motorola GEMS EME Laboratory

Run #: ErC-Ab-050815-08

Sim. Tissue Temp: 21.2 (C)

Model #: RLD1036A SN: S/N003

Antenna: FIXED TX Freq (MHz): 154.6

Battery: IXNN4001A Start power: 1.172 W

Carry acc.: 1564019V01 Audio acc.: HMN9026C

**DUT with carry accessory against the phantom**

Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(8.3, 8.3, 8.3)

Duty Cycle: 1:1, Medium: 155 MHz Body, Medium parameters used:  $\sigma = 0.81$  mho/m,  $\epsilon_r = 61.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn363, Calibrated: 5/24/2005

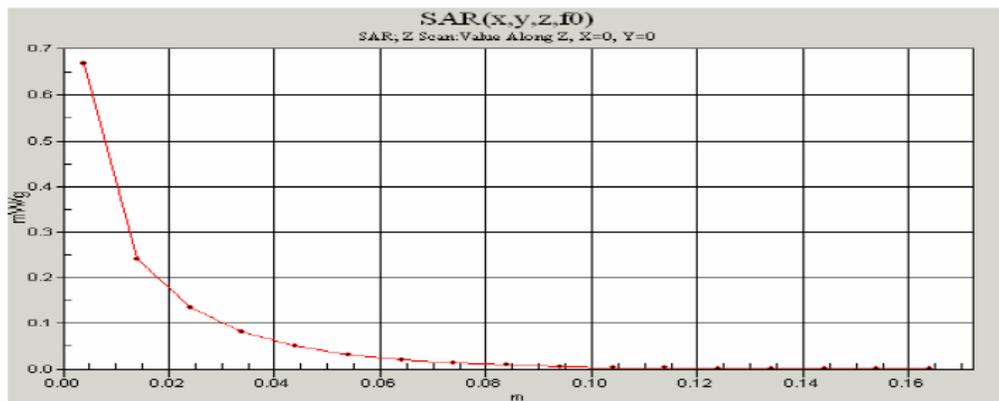
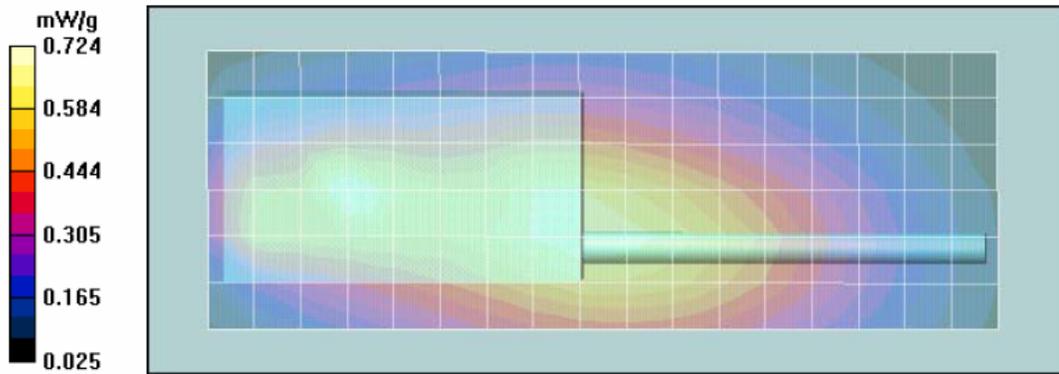
**Full Scan/Area Scan (7x18x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.724 mW/g

**Full Scan/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = -0.905 dB

**SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.394 mW/g**



FCC ID: AZ489FT3811; Test Date: 8/15/04

Motorola GEMS EME Laboratory

Run #: ErC-Face-050815-10

Sim. Tissue Temp: 21.4 (C)

Model #: RLD1036A SN: S/N004

Antenna: FIXED TX Freq (MHz): 154.6

Battery: IXNN4001A Start power: 1.211 W

Carry acc.: NONE Audio acc.: NONE

**DUT with front housing separated 2.5cm from the phantom**

Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(8.5, 8.5, 8.5)

Duty Cycle: 1:1, Medium: 155 MHz Head, Medium parameters used:  $\sigma = 0.73$  mho/m,  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn363, Calibrated: 5/24/2005

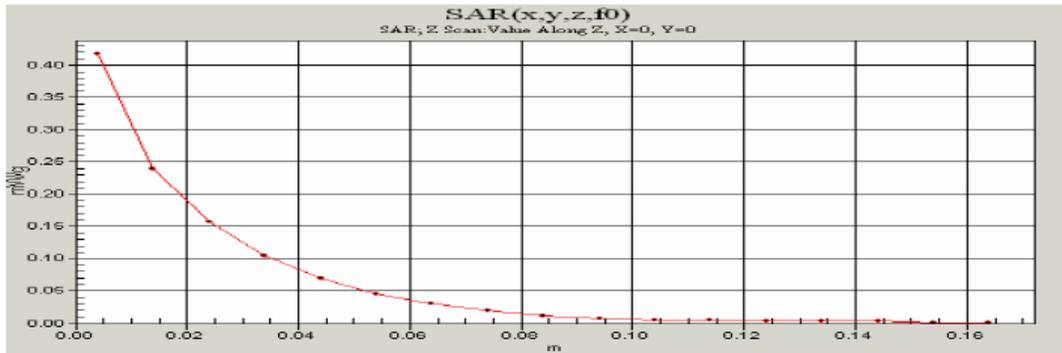
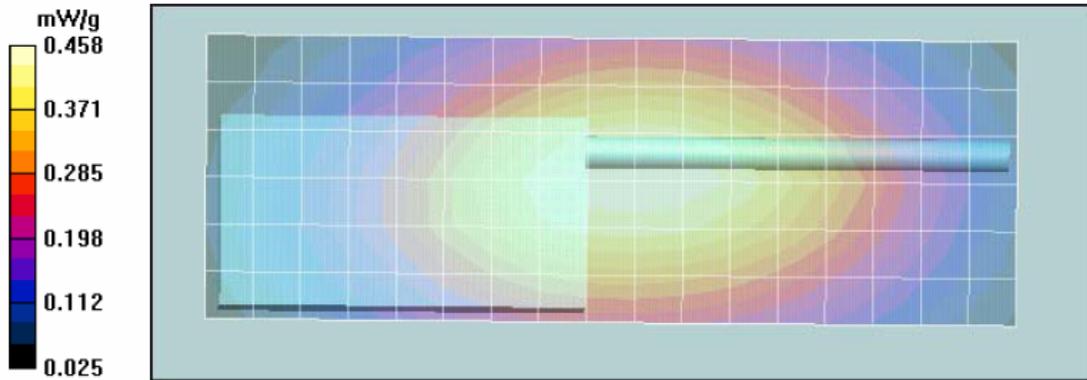
**Face Full Scan/Area Scan (7x18x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.458 mW/g

**Face Full Scan/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.877 dB

**SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.311 mW/g**



FCC ID: AZ489FT3811; Test Date: 8/15/04

Motorola GEMS EME Laboratory

Run #: ErC-Face-050815-11

Sim. Tissue Temp: 21.4 (C)

Model #: RLD1036A SN: S/N003

Antenna: FIXED TX Freq (MHz): 154.6

Battery: IXNN4001A Start power: 1.172 W

Carry acc.: NONE Audio acc.: NONE

**DUT with front housing separated 2.5cm from the phantom**

Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(8.5, 8.5, 8.5)

Duty Cycle: 1:1, Medium: 155 MHz Head, Medium parameters used:  $\sigma = 0.73$  mho/m,  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn363, Calibrated: 5/24/2005

**Face Full Scan/Area Scan (7x18x1):** Measurement grid: dx=15mm, dy=15mm

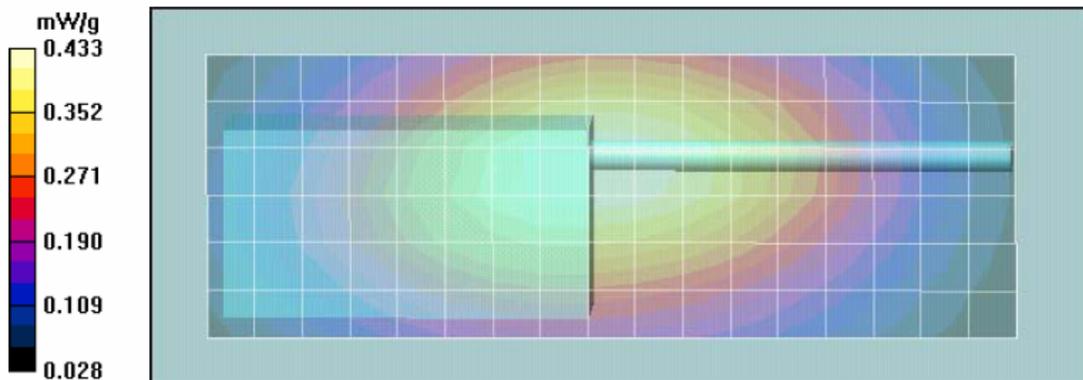
Maximum value of SAR (measured) = 0.433 mW/g

**Face Full Scan/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.7 V/m; Power Drift = -0.744 dB

**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.301 mW/g**

Maximum value of SAR (measured) = 0.415 mW/g

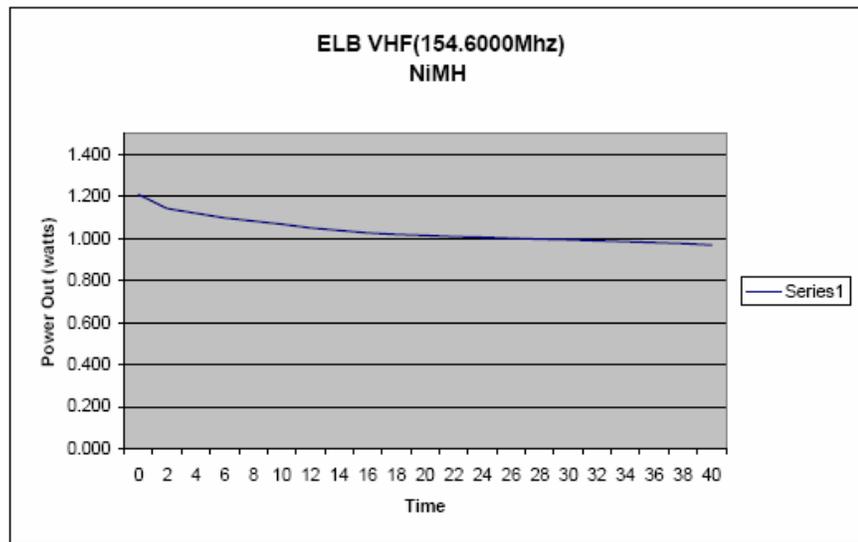


## APPENDIX F DUT Supplementary Data (Power slump)

S/N 005

**Channel 1 Frequency 4: 154.6000MHz**

Time (min)	Pwr Out(W)
0	1.211
2	1.143
4	1.122
6	1.099
8	1.084
10	1.069
12	1.052
14	1.040
16	1.028
18	1.021
20	1.016
22	1.009
24	1.007
26	1.002
28	0.998
30	0.995
32	0.991
34	0.986
36	0.982
38	0.977
40	0.971

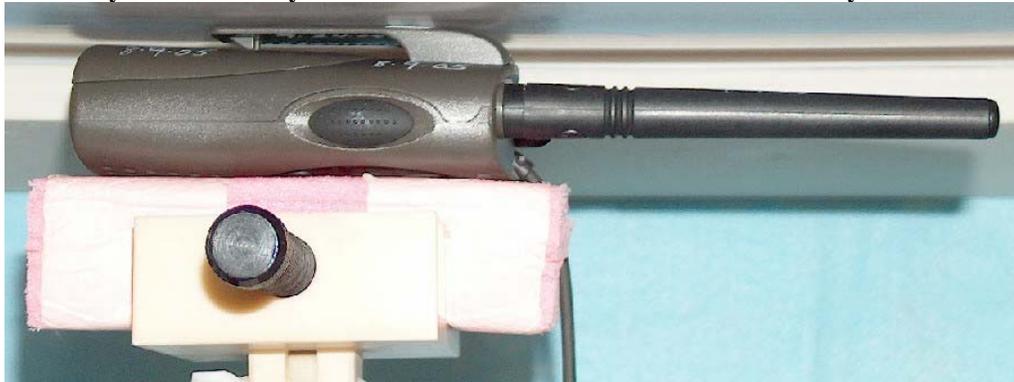


## Appendix G DUT Test Position Photos

**Figure 1: Highest S.A.R. Test Position (Body)**  
**DUT with body worn accessory model 1564019V01 and attached audio accessory model HMN9026C**  
**(Same position used for all other offered audio accessories)**



**Figure 2: Body assessment**  
**DUT with body worn accessory model 1564017V01 and attached audio accessory model HMN9026C**



**Figure 3: Body assessment**  
**DUT with back housing separated 2.5cm from the phantom with attached audio accessory model HMN9026C**



**Figure 4: Body assessment**

**DUT with front housing separated 2.5cm from the phantom with attached audio accessory model HMN9026C**



**Figure 5: Face assessment**

**DUT with front housing separated 2.5cm from the phantom**



## Appendix H DUT and Accessory Photos

The purpose of this appendix is to illustrate the body-worn carry accessories for FCC ID: AZ489FT3811. The sample that was used in the following photos represents the product used to obtain the results presented herein and was used in this section to demonstrate the different body-worn accessories.



**Photo 1.**  
**Model 1564017V01**  
**Back View**



**Photo2.**  
**Model 1564017V01**  
**Side View**



**Photo 3.**  
**Model 1564019V01**  
**Back View**



**Photo 4.**  
**Model 1564019V01**  
**Side View**

## Appendix I DUT Body-worn Separation Distances

The following table summarizes the test status and separation distance provided by each of the applicable body-worn accessories:

Carry Case Models	Tested ?	Min. Separation distances between DUT antenna and phantom surface. (mm)	Comments
1564019V01	Yes	25-40	NA
1564017V01	Yes	12-24	NA

Audio Acc. Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
HMN9026C	Yes	NA	NA
NTN9159E	Yes	NA	NA
HMN9025C	Yes	NA	NA
HCSN4000C	Yes	NA	NA
HCSN4001B	No	NA	By Similarity to NTN9159E
HMN9039D	No	NA	By Similarity to NTN9159E