MOTOROLA

ACCREDITED
Certificate Number: 1449-01

FCC ID: AZ489FT4874
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

Government & Enterprise Mobility Solutions
EME Test Laboratory
8000 West Sunrise Blvd
Fort Lauderdale, FL. 33322

Date of Report: December 16, 2005
Report Revision: Rev. A
Report ID: FCC rpt_RLE1095A_Rev A_051216
SR2962

Responsible Engineer: Deanna Zakharia (Elect. Principal Staff Eng.)
Date/s Tested: 10/13/2005 – 10/14/2005
Manufacturer/Location: Motorola - China
Sector/Group/Div.: CPD
Date submitted for test: 10/5/2005
DUT Description: ELB1110 UHF, 1 channel 12.5KHz, Display, Fixed Antenna, 1Watt Radiated output power
Test TX mode(s): CW
Max. Power output: 1.0 watts
Nominal Power: 1.0 watt
Tx Frequency Bands: 460MHz – 470MHz
Signaling type: FM
Model(s) Tested: RLE1095A
Model(s) Certified: RLE1095A
Serial Number(s): 3454FL0065 & 3454FL0064
Classification: Occupational/Controlled
Rule Part(s): 90

Approved Accessories:
Antenna(s):
Fixed antenna (UHF Helical 460-470MHz ¼ λ -2.0dBi gain)
Battery(ies):
IXNN4001A (3.6V NiMH rechargeable battery)
Body worn accessory(ies):
1564019V01 (Spring belt clip); 1564017V01 (standard belt clip)
Audio/Data cable accessory(ies):
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)

Max. Calc. 1-g/10-g Avg. SAR: 0.42/0.25 mW/g (Body)
Max. Calc. 1-g/10-g Avg. SAR: 0.25/0.19 mW/g (Face)

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.

Signature on file – Ken Enger
Ken Enger GEMS EME Lab Senior Resource Manager,
Laboratory Director,
12/16/2005
Approval Date:

Certification Date: 10/20/05

Certification No.: L1051028P

Appendix C
Dipole Calibration Certificates

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

Client **Motorola CGISS**

CALIBRATION CERTIFICATE

Object(s)	D450V2 - SN:1001
Calibration procedure(s)	QA CAL-15.v2 Calibration procedure for dipole validation kits below 800 MHz
Calibration date:	May 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 calibrationprocedures 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:	Fin Bomholt	R&D Director	

Date issued: May 24, 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.

880-KP0301061-A Page 1 (1)

D450V2- SN:1001

1. Measurement Conditions

The measurements were performed in the 6mm thick flat phantom filled with **head** simulating liquid of the following electrical parameters at 450 MHz:

Relative Dielectricity	**45.1**	± 5%
Conductivity	**0.85 mho/m**	± 5%

The DASY4 System with a dosimetric E-field probe ET3DV6 (SN:1507, Conversion factor 6.45 at 450 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 ± 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^3 (1 g) of tissue:	**5.28 mW/g** ± 20.7 % (k=2)[1]
averaged over 10 cm^3 (10 g) of tissue:	**3.52 mW/g** ± 20.2 % (k=2)[1]

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:	**1.346 ns**	(one direction)
Transmission factor:	**0.991**	(voltage transmission, one direction)

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

Feedpoint impedance at 450 MHz:	Re{Z} = **53.0 Ω**
	Im {Z} = **-11.1 Ω**
Return Loss at 450 MHz	**-19.2 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.

Test Laboratory: SPEAG, Zurich, Switzerland
DUT: Dipole 450 MHz; Serial: D450V2 - SN:1001

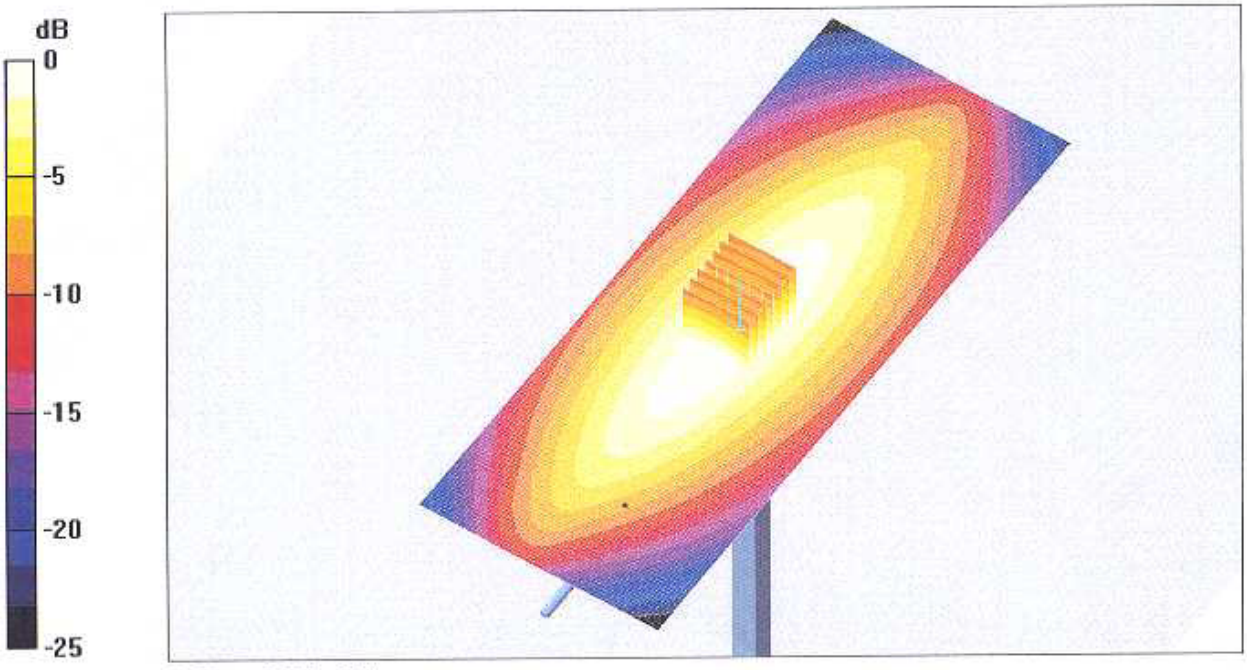
Communication System: CW;Duty Cycle: 1:1; Medium: HSL450
Medium parameters used: f = 450 MHz; σ = 0.85 mho/m; ε_r = 45.1; ρ = 1000 kg/m^3
Phantom: Flat Phantom 4.4; Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(6.45, 6.45, 6.45);
- 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 = 52.5 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 2.21 mW/g

d=15mm, Pin=398mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.5 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 2.25 mW/g
Peak SAR (extrapolated) = 3.18 W/kg
SAR(1 g) = 2.1 mW/g; SAR(10 g) = 1.4 mW/g



0 dB = 2.25mW/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 450 MHz Dipole; Model D450V2, SN 1001; Test Date: 10/13/05
Run #: CM-SYSP-450B-051013-01
Sim.Tissue Temp: 20.4 (C)
TX Freq: 450 (MHz)
Start power: 250 (mW)

Target: 4.96 mW/g for 1g SAR 3.25 mW/g for 10g SAR

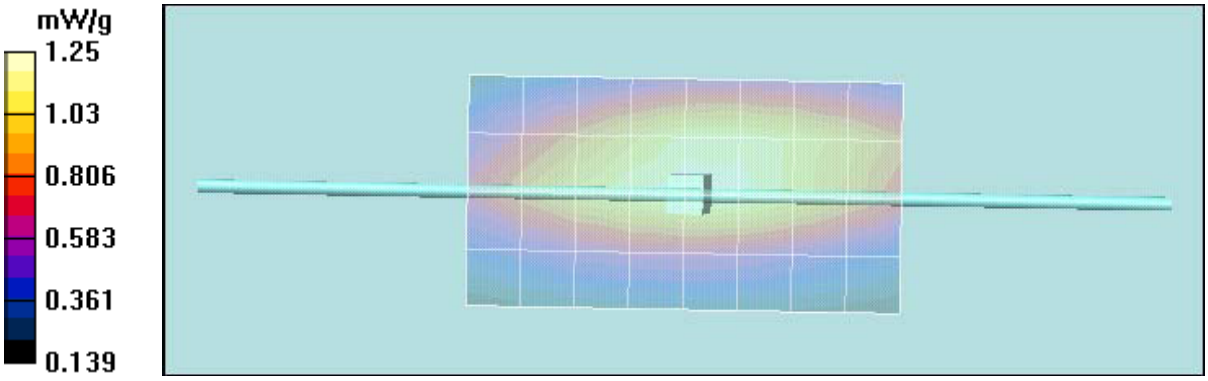
5.14 mW/g calculated 1g-SAR; 3.66 % from target (including drift)
3.36 mW/g calculated 10g-SAR; 3.51 % from target (including drift)
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(7.1, 7.1, 7.1),
Duty Cycle: 1:1, Medium: Body 450, Medium parameters used: $\sigma = 0.93$ mho/m, $\varepsilon_r = 54.7$; $\rho = 1000$ kg/m^3 ;
Electronics: DAE3 Sn374, Calibrated: 4/6/2005

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.7 V/m; Power Drift = 0.0155 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.839 mW/g
Maximum value of SAR (measured) = 1.36 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.7 V/m; Power Drift = 0.0155 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.849 mW/g
Maximum value of SAR (measured) = 1.37 mW/g

System Performance Check/Dipole Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 36.7 V/m; Power Drift = 0.0155 dB
Motorola Fast SAR: SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.900 mW/g
Maximum value of SAR (interpolated) = 1.34 mW/g

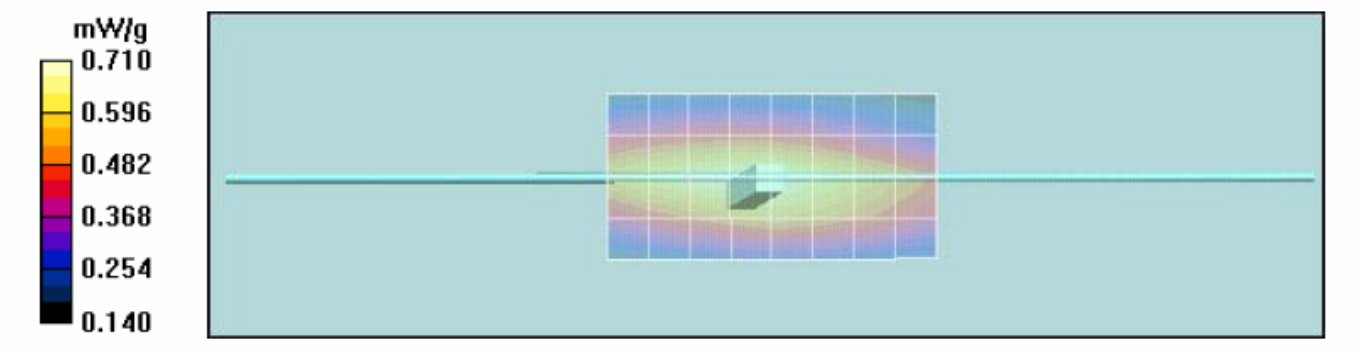
System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm



Motorola GEMS EME Lab
SPEAG 450 MHz Dipole; Model D450V2, SN 1001; Test Date: 10/14/05
Run #: KU[SF]-SYSP-450B-051014-01
Sim.Tissue Temp: 21.6 (C)
TX Freq: 450 (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, $\varepsilon_r = 57.8$; $\rho = 1000$ kg/m^3 ;
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



SYSTEM PERFORMANCE CHECK TARGET SAR

Date:	**8/5/2005**	Frequency (MHz):	**450**
Lab Location:	GEMS EME	Mixture Type:	**FCC Body**
Robot System:	GEMS-3	Ambient Temp.(°C):	22.3
Probe Serial #:	1393	Tissue Temp.(°C):	20.5
DAE Serial #:	363		

Tissue Characteristics

Permitivity:	54.4	Phantom Type/SN:	80302002D-S14
Conductivity:	0.92	Distance (mm):	15

Reference Source: Dipole (Dipole)
Reference SN: **1001**

Power to Dipole: 250 mW

Measured SAR Value: 1.24 mW/g, 0.812 mW/g (10g avg.)
Power Drift: -0.000604 dB

New Target/Measured
SAR Value: **4.96** mW/g, **3.25** mW/g (10g avg.)
(normalized to 1.0 W, including drift)

Test performed by: E. Church Initial: E.C

Sys. Per. Chk. Form: 021024

Motorola GEMS EME Lab
SPEAG 450 MHz Dipole; Model D450V2, SN 1001; Test Date: 8/5/05
Run #: ErC-VAL-450B-050805-02
Sim.Tissue Temp: 20.5 (C)
TX Freq: 450 (MHz)
Start power: 250 (mW)

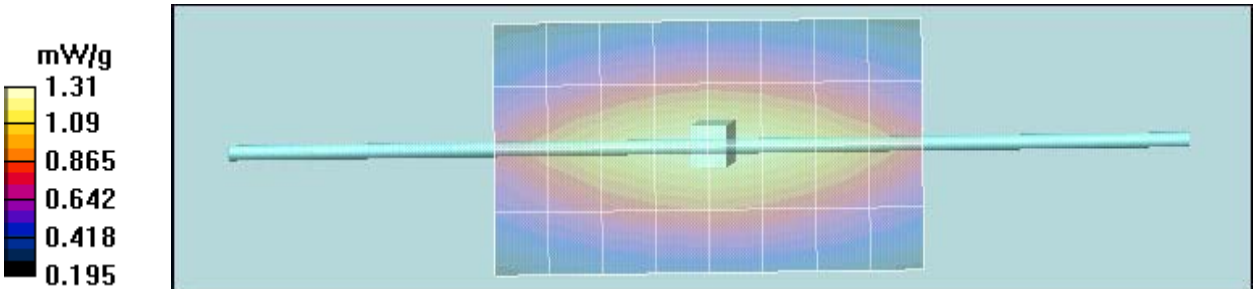
Target:
New Body Target:
4.96 mW/g for 1g SAR 3.25 mW/g for 10g SAR
Probe: ET3DV6 - SN1393, Calibrated: 5/20/2005, ConvF(7.18, 7.18, 7.18),
Duty Cycle: 1:1, Medium: 450 MHz Body, Medium parameters used: σ = 0.92 mho/m, ε_r = 54.4; ρ = 1000 kg/m^3 ;
Electronics: DAE3 Sn363, Calibrated: 5/24/2005

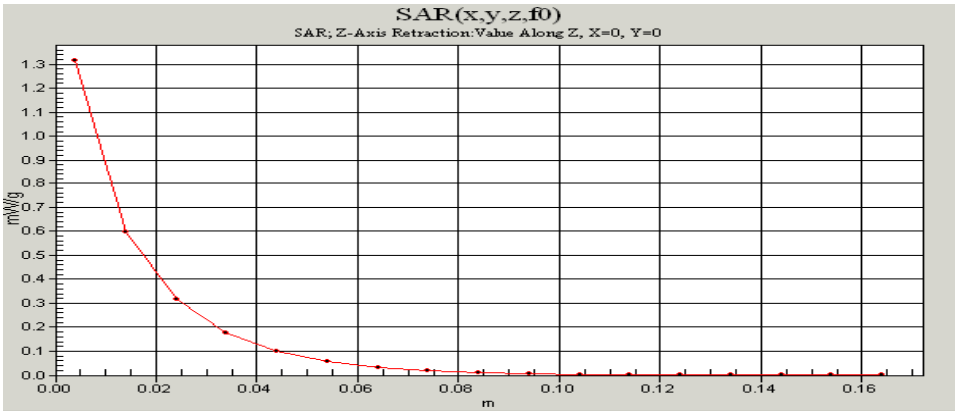
Dipole Validation 450 Body/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.9 V/m; Power Drift = -0.000604 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.812 mW/g
Maximum value of SAR (measured) = 1.31 mW/g

Dipole Validation 450 Body/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.9 V/m; Power Drift = -0.000604 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.812 mW/g

Dipole Validation 450 Body/Dipole Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Dipole Validation 450 Body/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.32 mW/g





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

Shortened Scan Results

FCC ID: AZ489FT4874; Test Date: 10/14/05
Motorola GEMS EME Laboratory
Run #: CM-Ab-051014-14
Sim. Tissue Temp: 20.7 (C)
Model #: RLE1059A SN: 3454FL0064

Antenna: FIXED TX Freq (MHz): 461.0625
Battery: IXNN4001A Start power: 1.002 W
Carry acc.: 1564017V01 Audio acc.: HMN9026C

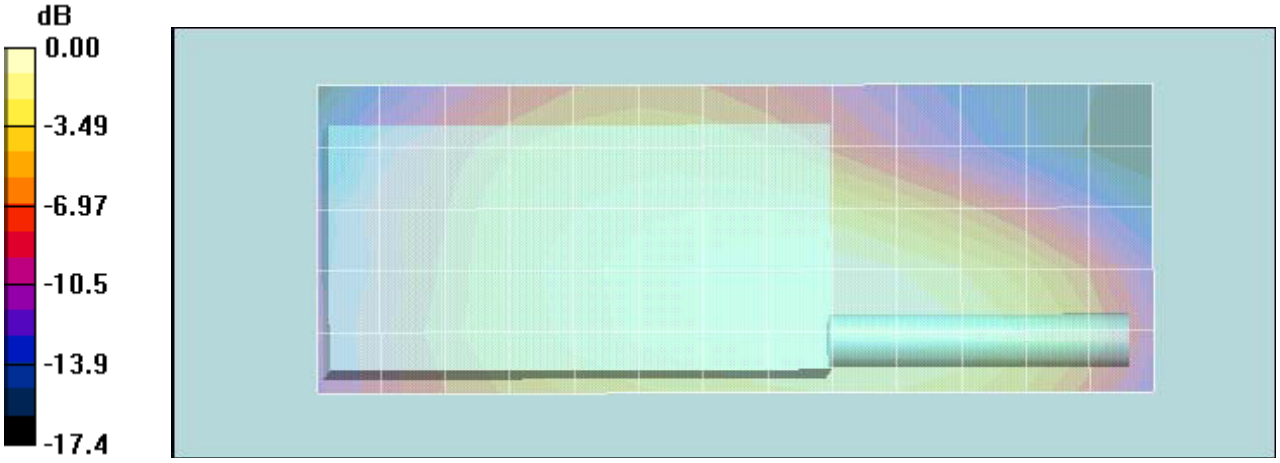
Shortened scan reflect highest S.A.R. producing configuration; Run time 6 minutes.
Representative "normal" scan run time was 28 minutes
"Shortened" scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 0.57mW/g; 10-g Avg. = 0.39mW/g
"Normal" scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 0.53mW/g; 10-g Avg. = 0.35mW/g
(see part 1 of 2 section 9.0 run # CM-Ab-051014-12)

DUT with carry accessory against the phantom
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(7.1, 7.1, 7.1),
Duty Cycle: 1:1, Medium: 465 MHz FCC Body, Medium parameters used: σ = 0.94 mho/m, ε_r = 54.6; ρ = 1000 kg/m^3 ;
Electronics: DAE3 Sn374, Calibrated: 4/6/2005

Ab Scan/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 32.6 V/m; Power Drift = 0.493 dB
Motorola Fast SAR: SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.671 mW/g
Maximum value of SAR (interpolated) = 0.988 mW/g

Ab Scan/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.16 mW/g

Ab Scan/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm
Reference Value = 32.6 V/m; Power Drift = 0.493 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.780 mW/g
Maximum value of SAR (measured) = 1.21 mW/g



Highest SAR Configurations

FCC ID: AZ489FT4874; Test Date: 10/14/05
Motorola GEMS EME Laboratory
Run #: CM-Ab-051014-12
Sim. Tissue Temp: 20.7 (C)
Model #: RLE1095A SN: 3454FL0064

Antenna: FIXED TX Freq (MHz): 461.0625
Battery: IXNN4001A Start power: 1.002 W
Carry acc.: 1564017V01 Audio acc.: HMN9026C

DUT with carry accessory against the phantom
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(7.1, 7.1, 7.1),
Duty Cycle: 1:1, Medium: 465 MHz FCC Body, Medium parameters used: $\sigma = 0.94$ mho/m, $\varepsilon_r = 54.6$; $\rho = 1000$ kg/m^3 ;
Electronics: DAE3 Sn374, Calibrated: 4/6/2005

Ab Scan/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

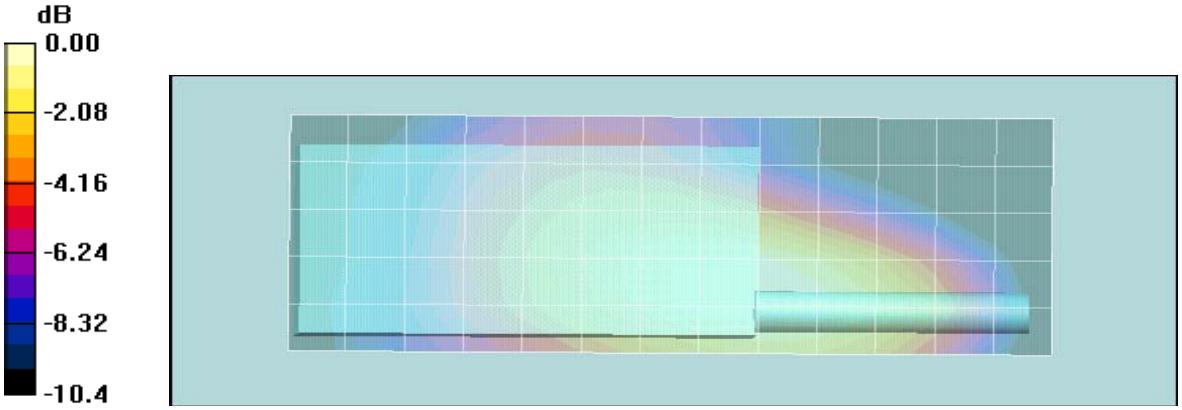
Reference Value = 33.9 V/m; Power Drift = -0.509 dB
Motorola Fast SAR: SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.721 mW/g
Maximum value of SAR (interpolated) = 1.06 mW/g

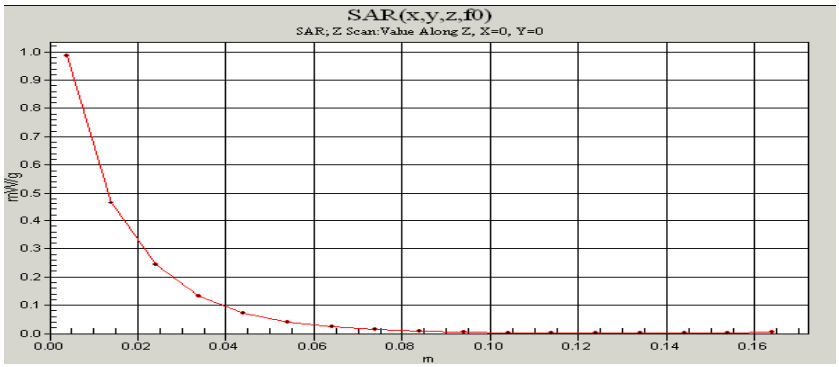
Ab Scan/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.987 mW/g

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

Reference Value = 33.9 V/m; Power Drift = -0.509 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.627 mW/g
Maximum value of SAR (measured) = 0.989 mW/g





FCC ID: AZ489FT4874; Test Date: 10/13/05
Motorola GEMS EME Laboratory
Run #: CM-Face-051013-08
Sim. Tissue Temp: 20.9 (C)
Model #: RLE1095A SN: 3454FL0064

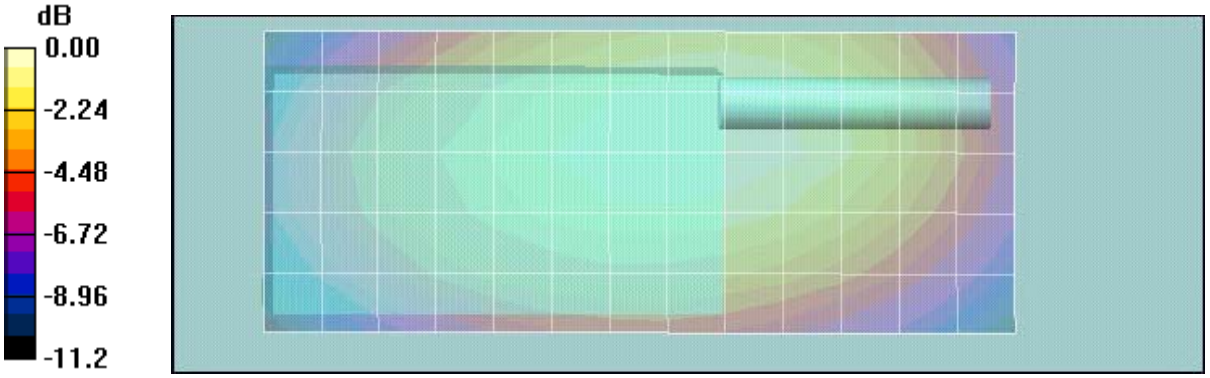
Antenna: FIXED TX Freq (MHz): 461.0625
Battery: IXNN4001A Start power: 1.002 W
Carry acc.: NONE Audio acc.: NONE

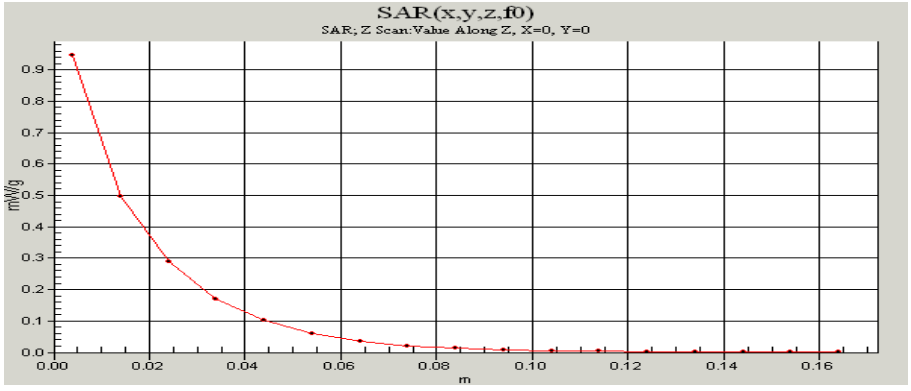
DUT with front housing separated 2.5cm from the phantom
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(7.51, 7.51, 7.51),
Duty Cycle: 1:1, Medium: 465 MHz IEEE Head , Medium parameters used: $\sigma = 0.91$ mho/m, $\varepsilon_r = 44.4$; $\rho = 1000$ kg/m^3 ;
Electronics: DAE3 Sn374, Calibrated: 4/6/2005

Ab Scan/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 33.1 V/m; Power Drift = -0.345 dB
Motorola Fast SAR: SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.687 mW/g
Maximum value of SAR (interpolated) = 0.977 mW/g

Ab Scan/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.947 mW/g

Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.1 V/m; Power Drift = -0.345 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.654 mW/g
Maximum value of SAR (measured) = 0.955 mW/g

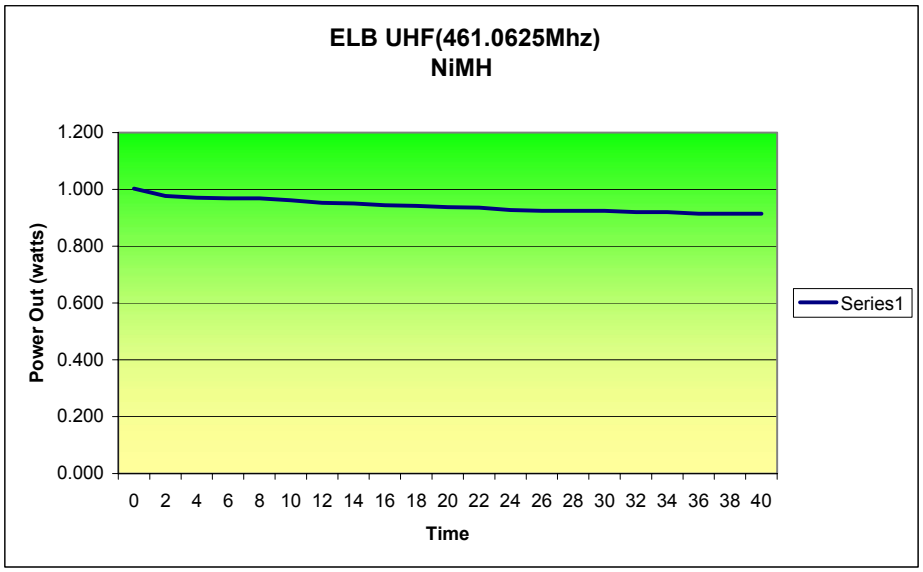




APPENDIX F
DUT Supplementary Data (Power slump)

Channel 1 Frequency 10: 461.0625MHz
S/N: 3454FL0064

Time (min)	Pwr Out(W)
0	1.002
2	0.977
4	0.971
6	0.968
8	0.968
10	0.962
12	0.953
14	0.951
16	0.944
18	0.942
20	0.938
22	0.935
24	0.927
26	0.925
28	0.925
30	0.925
32	0.920
34	0.920
36	0.914
38	0.914
40	0.914



Appendix G
DUT Test Position Photos

Figure 1: Highest S.A.R. Test Position (Body)
DUT with body worn accessory model 1564017V01 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 1564019V01 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 back housing antenna at 2.5cm from the phantom with attached audio accessory model HMN9026C

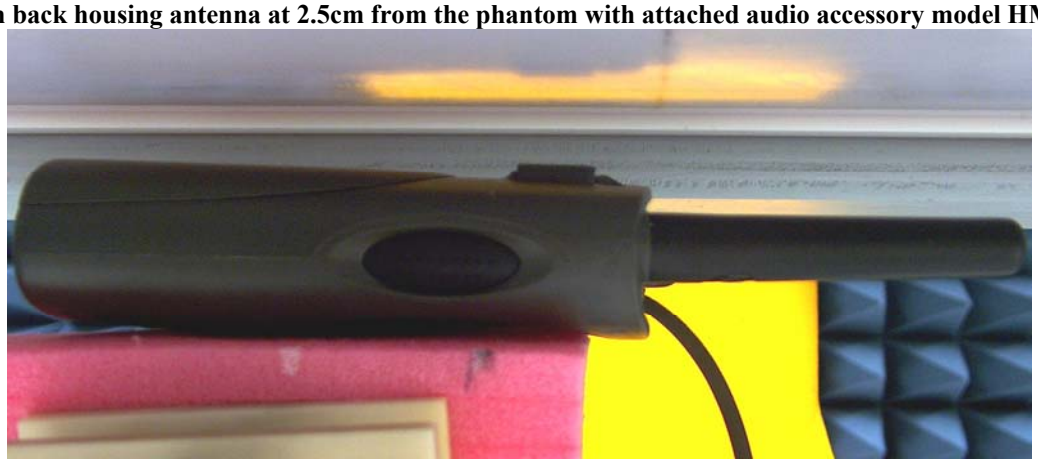


Figure 5: Body assessment
DUT with front housing separated 2.5cm from the phantom with attached audio accessory model HMN9026C

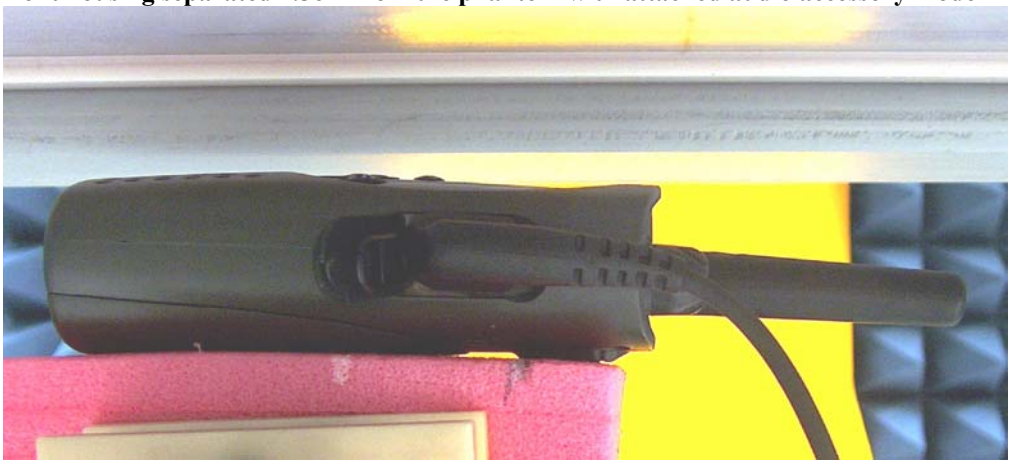


Figure 6: Face assessment
DUT with front housing separated 2.5cm from the phantom

Appendix H
DUT and Accessory Photos

The purpose of this appendix is to illustrate the body-worn carry accessories for FCC ID: AZ489FT4874. 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	23-30	NA
1564017V01	Yes	16-17	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