



MOTOROLA



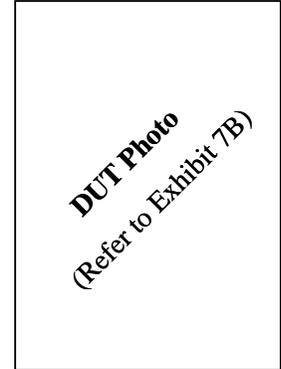
TESTING CERT # 2518.01

**FCC ID: AZ489FT7036
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 3 of 3**

Government & Public Safety
EME Test Laboratory
8000 West Sunrise Blvd
Fort Lauderdale, FL. 33322

Date of Report: 7/30/08
Report Revision: 0
Report ID: Mackinaw Portable_SR6522_080730

Responsible Engineer: Michael Sailsman (Senior Staff EME Eng.)
Date/s Tested: 6/27/08 – 7/17/08
Manufacturer/Location: Motorola, Plantation
Sector/Group/Div.: G&PS
Date submitted for test: 5/22/08
DUT Description: 136-174 1-6W, 764-870MHz 1-3W, Basic, 6.25K/12.5K/25K, Top Display Model W/GPS. Capable of digital and analog FM transmission and TDMA transmission.
Test TX mode(s): CW
Max. Power output: 6.6 Watts (VHF), 2.99 Watts (700 MHz), 3.6 Watts (800 MHz)
Nominal Power: 6.0 Watts (VHF), 2.5 Watts (700 MHz), 3.0 Watts (800 MHz)
Tx Frequency Bands: 136-174 MHz, 764-776 MHz, 794-806 MHz, 806-824 MHz, 851-870MHz
Signaling type: FM
Model(s) Tested: MNUR1000A
Model(s) Certified: MNUR1000A
Serial Number(s): TU098JW07N, TU098JW07M
Classification: Occupational/Controlled
Rule Part(s): 90



Approved Accessories:

Antenna(s):
NAF5085A (700/800/GPS 764-870/1575.42 MHz 1/2 wave, -8.0 dBd); NAF5037A (806-870 MHz, 1/2 wave, -7.0 dBd);
NAF5080A (700/800 MHz wideband Whip, 764-870 MHz, 1/2 wave, -7.0 dBd); NAD6563A (VHF Helical 136-174 MHz, 1/4 wave, -6.5 dBd)
PMAF4002A (700/800 MHz PSM Stubby, -10dBd)

Battery(ies):
NNTN7038A (Hi Cap Impres Li-Ion 2500mAh), NNTN7037A (Impres NiMH 2100mAh), NNTN7035A (FM Impres NiMH 2000mAh – A81 Rugged)

Body worn accessory(ies):
PMLN5409A/NTN8040B (3.0" swivel belt loop), PMLN5407A/NTN8039B (2.5" swivel belt loop), PMLN5408A (2.75" swivel belt loop),
HLN6875A (3" belt clip), NTN8266B (2.5" belt clip), NTN5243A (carry strap), PMLN5331A (carry holder-Basic), PMLN5322A (Nylon case w/
T strap-short), PMLN5328A (Nylon case w/ T strap-long), PMLN5323A (Leather case 3), PMLN5329A (Leather Case 3), PMLN5324A (Leather
case hi act. swivel), PMLN5330A (Leather case hi act. swivel)

Audio/Data cable accessory(ies):
PMLN5275A (Core H/D headset), HMN4104A (Impres display GCAI submersible RSM w/ jack & Ch), PMLN5111A (3-wire blk-1 programmable
button), PMLN5112A (3-wire Beige-1 programmable button), PMMN4061A (PSM IP54 w/ 3.5mm jack RX 30"), PMMN4060A (PSM IP54 w/
3.5mm jack RX 24"), PMMN4059A (PSM IP54 w/ 3.5mm jack RX 18"), PMMN4062A (Plus RSM NC IP54 3.5mm jack RX), RLN6242A (Quick
disconnect acoustic tube), RMN5058A (Core lightweight headset w/ PTT & VOX), RLN5878A (Core 1 wire surveillance-blk), RLN5881A (Smart 2
wire surveillance-beige), RLN5880A (Smart 2 wire surveillance-blk), RLN5882A (Smart 2 wire surveillance w/ acoustic tube-blk), RLN5883A (Smart
2 wire surveillance w/ acoustic tube-beige), RLN4941A (Rec only earpiece w/ translucent tube/ear tip-OTTO), WADN4190B (over the ear receiver for
RSM), PMMN4024A (Core RSM), RLN6232A (Low noise kit), RLN6230A (High/Extreme noise kit), RLN5879A (Core 1 wire surveillance-beige),
AARLN4885B (earbud w/ coil cord & 3.5mm RT angle plug), PMMN4025A (Smart RSM)

Max. Calc. : 1-g Avg. SAR: 6.92 W/kg (Body); 10-g Avg. SAR: 4.86 W/kg (Body)
Max. Calc. : 1-g Avg. SAR: 2.89 W/kg (Face); 10-g Avg. SAR: 2.10 W/kg (Face)

The test results clearly demonstrate compliance with FCC General Population/Uncontrolled RF Exposure limits of 1.6W/kg per the requirements of 47 CFR 2.1093(d).
The test results clearly demonstrate compliance with ICNIRP (1998) Guidelines for limiting exposure in time-varying electric, magnetic, and electromagnetic fields (up to 300GHz), Health Physics 74, 494-522 RF Exposure limits of 2W/kg averaged over 10grams of contiguous tissue.

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.

I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested 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
Deanna Zakharia G&PS EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 7/31/08

Certification Date:

Certification No.:

Appendix E
DUT Scans (Shortened Scans and Highest SAR configurations)

Shortened Scan Results
Motorola Government & Public Safety EME Laboratory
 Date/Time: 7/15/2008 5:13:04 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-080715-09
 Phantom# / Tissue Temp.: OVAL 1021 / 20.0 (C)
 DUT Model# / Serial#: MNUR1000A / TU098JW07M
 Antenna / TX Freq.: NAF5037A / 860.0250 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / HMN4104A
 Start Power: 3.81 (W)

Comments: Shortened scan, Back w/ Antenna @ 2.5cm

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(5.86, 5.86, 5.86)
 Electronics: DAE3 Sn363, Calibrated: 4/22/2008
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 116.1 V/m; Power Drift = -0.653 dB
 Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 11.9 mW/g; SAR(10 g) = 8.37 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
 Maximum value of SAR (measured) = 12.6 mW/g

Ab Scan/Area Scan (71x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 122.4 V/m; Power Drift = -1.04 dB
Motorola Fast SAR: SAR(1 g) = 11.9 mW/g; SAR(10 g) = 8.27 mW/g
 Maximum value of SAR (interpolated) = 12.7 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 11.8 mW/g

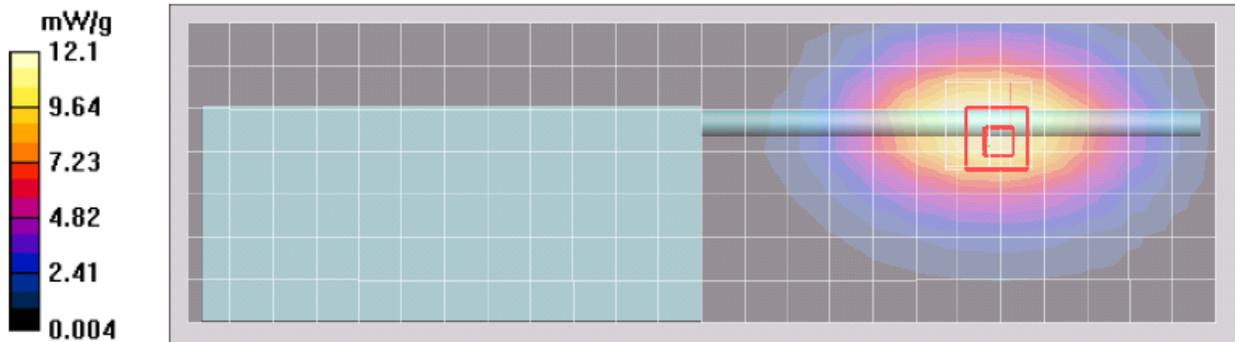
Shortened scan reflect highest SAR producing configuration; Run time 7 minutes.

Representative “normal” scan run time was 29 minutes

“Shortened” scan max calculated SAR using SAR drift: 1-g Avg. = 6.92mW/g; 10-g Avg. = 4.86mW/g

“Normal” scan max calculated SAR using SAR drift: 1-g Avg. = 6.65mW/g; 10-g Avg. = 4.64mW/g

(see part 1 of 3 section 9.0 run # MeC-Ab-080709-22)



Motorola Government & Public Safety EME Laboratory

Date/Time: 7/17/2008 7:36:05 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-080717-10
Phantom# / Tissue Temp.: OVAL 1021 / 20.1 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07N
Antenna / TX Freq.: NAF5037A / 860.0250 (MHz)
Battery: NNTN7037A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.80 (W)

Comments: Shortened scan, Back w/ Antenna @ 2.5cm

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(5.86, 5.86, 5.86)
Electronics: DAE3 Sn363, Calibrated: 4/22/2008
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; sigma = 1.02 mho/m; epsilon = 52.9; rho = 1000 kg/m^3

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.2 V/m; Power Drift = -0.652 dB
Maximum value of SAR (measured) = 10.4 mW/g

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.2 V/m; Power Drift = -0.652 dB
Peak SAR (extrapolated) = 12.9 W/kg
SAR(1 g) = 9.76 mW/g; SAR(10 g) = 6.88 mW/g

Ab Scan/Area Scan (71x271x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 104.9 V/m; Power Drift = -1.27 dB
Motorola Fast SAR: SAR(1 g) = 9 mW/g; SAR(10 g) = 6.28 mW/g
Maximum value of SAR (interpolated) = 9.57 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.67 mW/g

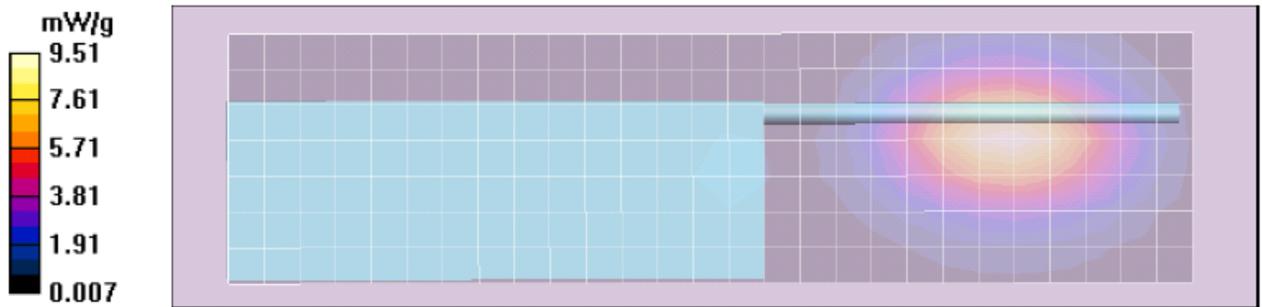
Shortened scan reflect highest SAR producing configuration; Run time 7 minutes.

Representative "normal" scan run time was 32 minutes

"Shortened" scan max calculated SAR using SAR drift: 1-g Avg. = 5.78mW/g; 10-g Avg. = 4.08mW/g

"Normal" scan max calculated SAR using SAR drift: 1-g Avg. = 6.12mW/g; 10-g Avg. = 4.32mW/g

(see part 1 of 3 section 9.0 run # HvH-Ab-080711-09)



Highest SAR Configurations Results

Motorola Government & Public Safety EME Laboratory

Date/Time: 7/10/2008 3:06:34 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-080710-07
Phantom# / Tissue Temp.: OVAL 1021 / 19.7 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07M
Antenna / TX Freq.: NAF5080A / 770.0250 (MHz)
Battery: NNTN7037A
Carry Acc. / Cable Acc.: None / PMMN4024A
Start Power: 2.90 (W)

Comments: Full scan, Back w/ Antenna at 2.5cm

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(6.1, 6.1, 6.1)

Electronics: DAE3 Sn363, Calibrated: 4/22/2008

Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; sigma = 0.93 mho/m; epsilon = 53.5; rho = 1000 kg/m^3

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 64.1 V/m; Power Drift = -0.213 dB

Peak SAR (extrapolated) = 5.91 W/kg

SAR(1 g) = 3.85 mW/g; SAR(10 g) = 2.67 mW/g

Maximum value of SAR (measured) = 4.03 mW/g

Ab Scan/Area Scan (71x271x1): Measurement grid: dx=15mm, dy=15mm

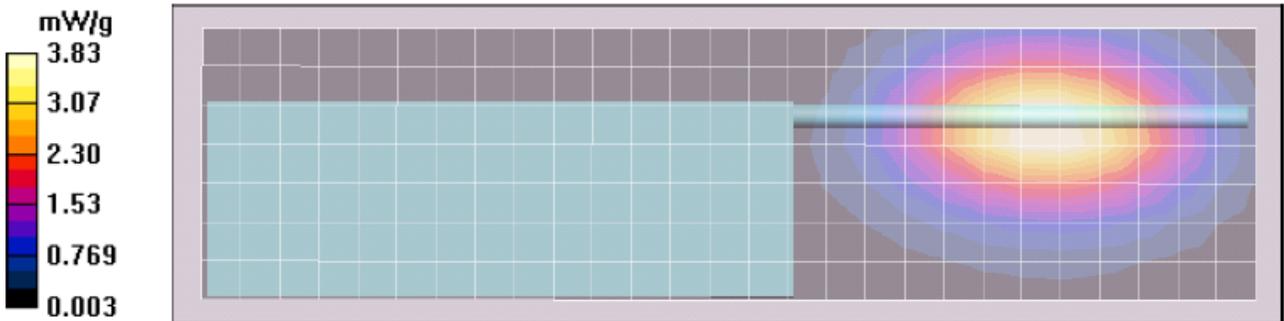
Reference Value = 64.1 V/m; Power Drift = -0.213 dB

Motorola Fast SAR: SAR(1 g) = 3.88 mW/g; SAR(10 g) = 2.74 mW/g

Maximum value of SAR (interpolated) = 4.12 mW/g

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

Maximum value of SAR (measured) = 4.02 mW/g



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Date/Time: 7/6/2008 8:15:59 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-080706-11
Phantom# / Tissue Temp.: OVAL 1022 / 20.0 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07M
Antenna / TX Freq.: NAF5080A / 775.9750 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / None
Start Power: 2.93 (W)

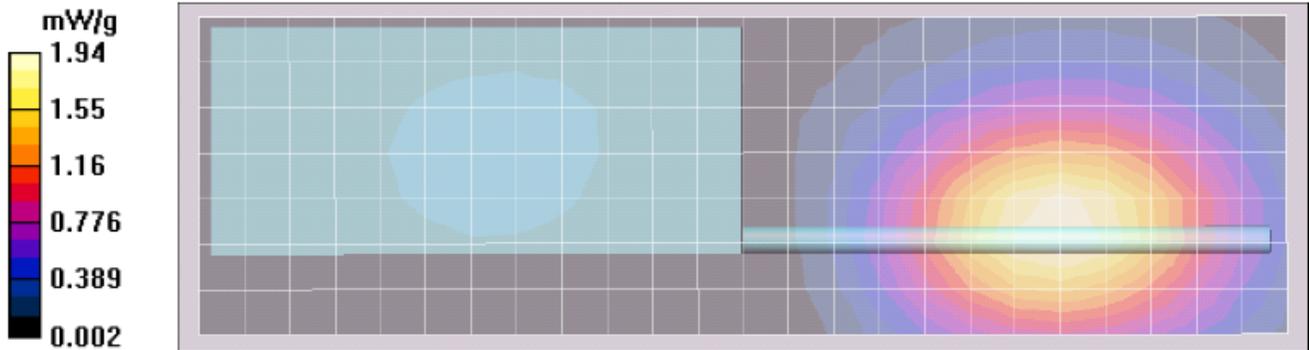
Comments: Full scan

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(6.3, 6.3, 6.3)
Electronics: DAE3 Sn363, Calibrated: 4/22/2008
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.3 V/m; Power Drift = -0.0519 dB
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 1.87 mW/g; SAR(10 g) = 1.32 mW/g
Maximum value of SAR (measured) = 1.95 mW/g

Face Scan/Area Scan (71x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 47.3 V/m; Power Drift = -0.052 dB
Motorola Fast SAR: SAR(1 g) = 1.87 mW/g; SAR(10 g) = 1.35 mW/g
Maximum value of SAR (interpolated) = 1.98 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.96 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 7/11/2008 5:34:15 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-080711-11
Phantom# / Tissue Temp.: OVAL 1021 / 20.0 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07N
Antenna / TX Freq.: NAF5080A / 823.9750 (MHz)
Battery: NNTN7037A
Carry Acc. / Cable Acc.: PMLN5330A w/ NTN5243A / RMN5058A
Start Power: 3.75 (W)

Comments: w/o loop back against phantom.

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(5.86, 5.86, 5.86)

Electronics: DAE3 Sn363, Calibrated: 4/22/2008

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 75.3 V/m; Power Drift = -1.18 dB

Peak SAR (extrapolated) = 8.65 W/kg

SAR(1 g) = 6.34 mW/g; SAR(10 g) = 4.3 mW/g

Maximum value of SAR (measured) = 6.84 mW/g

Ab Scan/Area Scan (71x271x1): Measurement grid: dx=15mm, dy=15mm

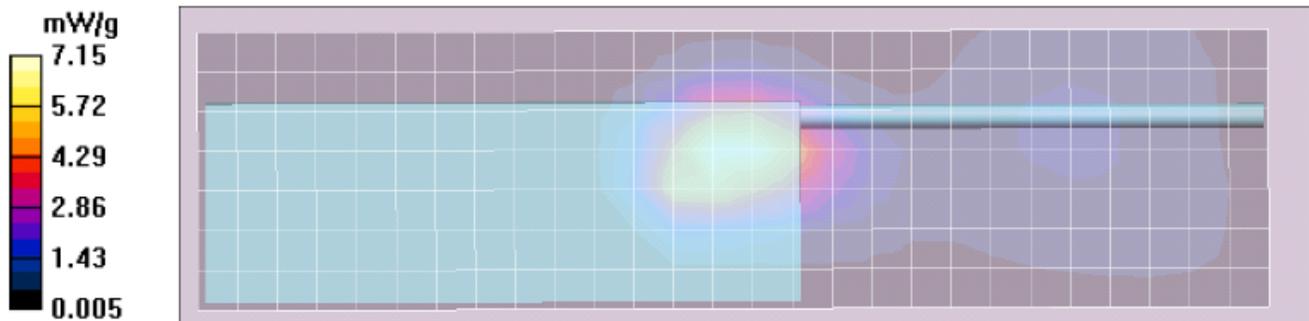
Reference Value = 75.3 V/m; Power Drift = -1.18 dB

Motorola Fast SAR: SAR(1 g) = 7.11 mW/g; SAR(10 g) = 4.8 mW/g

Maximum value of SAR (interpolated) = 7.58 mW/g

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

Maximum value of SAR (measured) = 6.63 mW/g



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Date/Time: 7/6/2008 2:50:07 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-080706-21
Phantom# / Tissue Temp.: OVAL 1022 / 20.2 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07M
Antenna / TX Freq.: NAF5080A / 823.9750 (MHz)
Battery: NNTN7037A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.75 (W)

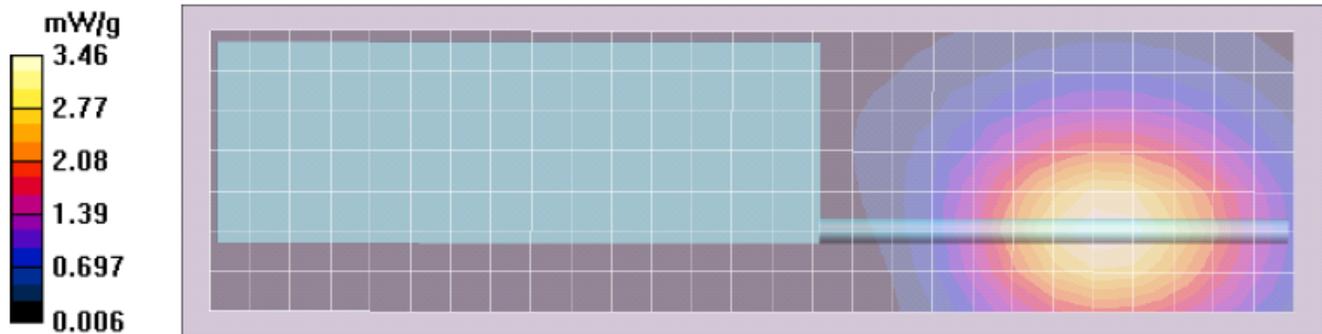
Comments: Full scan

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(6, 6, 6)
Electronics: DAE3 Sn363, Calibrated: 4/22/2008
Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.5 V/m; Power Drift = -0.250 dB
Peak SAR (extrapolated) = 4.03 W/kg
SAR(1 g) = 3.18 mW/g; SAR(10 g) = 2.32 mW/g
Maximum value of SAR (measured) = 3.37 mW/g

Face Scan/Area Scan (71x271x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 65.5 V/m; Power Drift = -0.250 dB
Motorola Fast SAR: SAR(1 g) = 3.31 mW/g; SAR(10 g) = 2.37 mW/g
Maximum value of SAR (interpolated) = 3.49 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.35 mW/g



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Date/Time: 7/11/2008 3:55:39 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-080711-09
Phantom# / Tissue Temp.: OVAL 1021 / 20.0 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07N
Antenna / TX Freq.: NAF5037A / 860.0250 (MHz)
Battery: NNTN7037A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.76 (W)

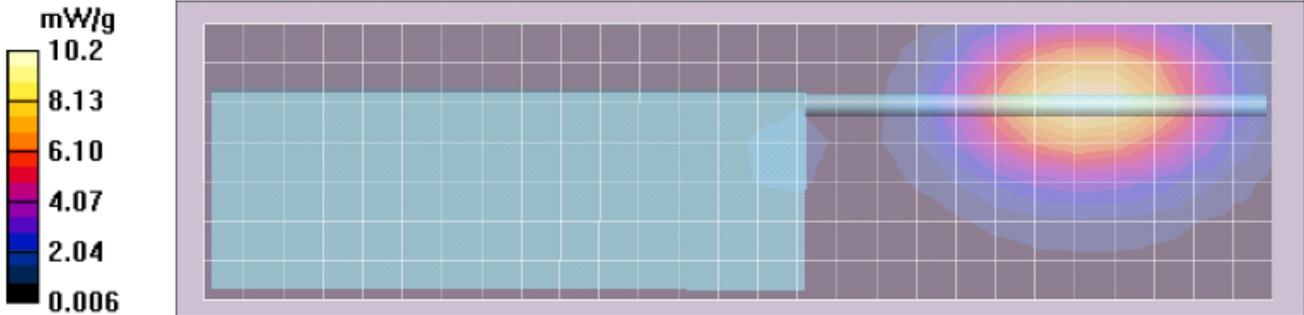
Comments: Full scan, Back w/ Antenna at 2.5cm

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(5.86, 5.86, 5.86)
Electronics: DAE3 Sn363, Calibrated: 4/22/2008
Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 115.2 V/m; Power Drift = -1.27 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 9.14 mW/g; SAR(10 g) = 6.45 mW/g
Maximum value of SAR (measured) = 9.76 mW/g

Ab Scan/Area Scan (71x271x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 115.2 V/m; Power Drift = -1.27 dB
Motorola Fast SAR: SAR(1 g) = 9.68 mW/g; SAR(10 g) = 6.73 mW/g
Maximum value of SAR (interpolated) = 10.3 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.56 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 7/10/2008 1:07:56 AM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-080709-22
Phantom# / Tissue Temp.: OVAL 1021 / 20.0 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07M
Antenna / TX Freq.: NAF5037A / 860.0250 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.68 (W)

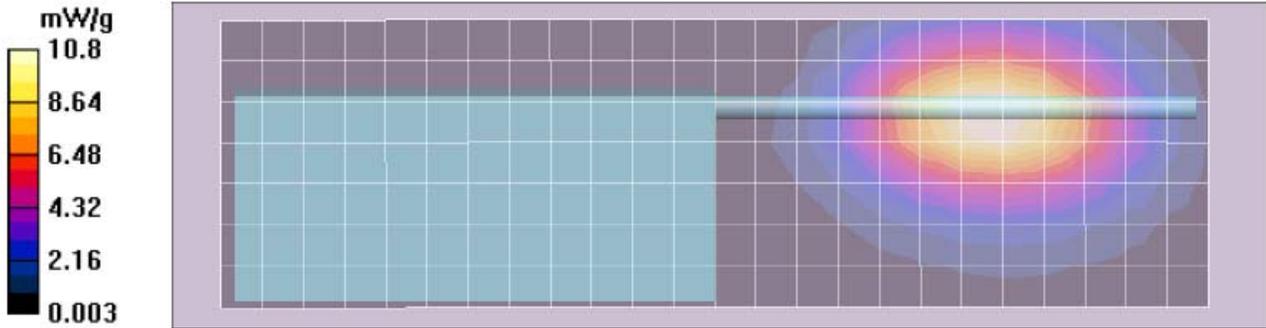
Comments: Back of radio antenna @ 2.5 cm from phantom, FULL SCAN

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(5.86, 5.86, 5.86)
Electronics: DAE3 Sn363, Calibrated: 4/22/2008
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 117.5 V/m; Power Drift = -1.11 dB
Peak SAR (extrapolated) = 13.4 W/kg
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 7.19 mW/g
Maximum value of SAR (measured) = 11.0 mW/g

Ab Scan/Area Scan (71x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 117.5 V/m; Power Drift = -1.11 dB
Motorola Fast SAR: SAR(1 g) = 11 mW/g; SAR(10 g) = 7.66 mW/g
Maximum value of SAR (interpolated) = 11.8 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 10.8 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 7/14/2008 10:54:42 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-080714-07
Phantom# / Tissue Temp.: OVAL 1022 / 20.3 (C)
DUT Model# / Serial#: MNUR1000A / TU098JW07M
Antenna / TX Freq.: NAF5037A / 851.0250 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.69 (W)

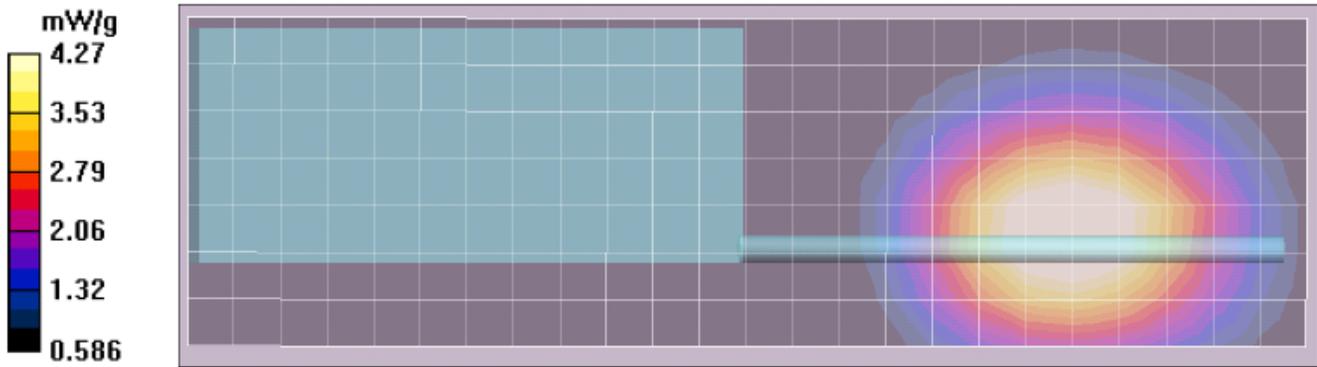
Comments:

Probe: ET3DV6 - SN1384, Calibrated: 5/19/2008, ConvF(6, 6, 6)
Electronics: DAE3 Sn363, Calibrated: 4/22/2008
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 80.9 V/m; Power Drift = -1.57 dB
Peak SAR (extrapolated) = 5.08 W/kg
SAR(1 g) = 4.02 mW/g; SAR(10 g) = 2.92 mW/g
Maximum value of SAR (measured) = 4.27 mW/g

Face Scan/Area Scan (71x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 80.9 V/m; Power Drift = -1.57 dB
Motorola Fast SAR: SAR(1 g) = 4.66 mW/g; SAR(10 g) = 3.33 mW/g
Maximum value of SAR (interpolated) = 4.93 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.20 mW/g



APPENDIX F
DUT Supplementary Data (Power slump)

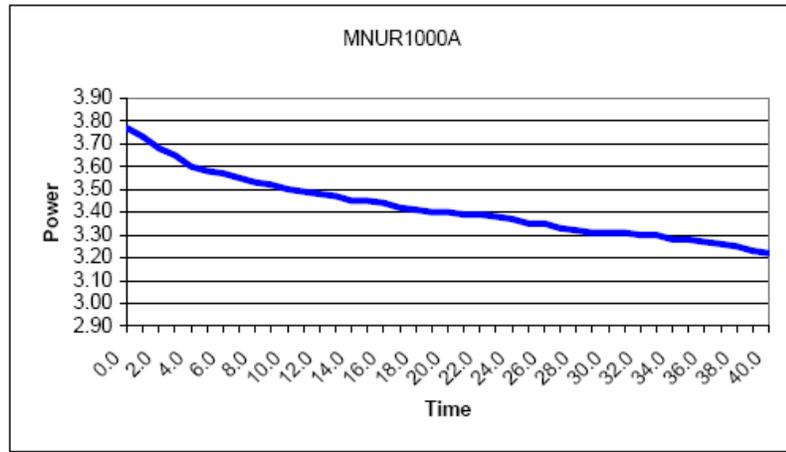
Model # MNUR1000A
Serial # TU098JW07N

Battery NNTN7037A
Frequency 860.025 MHz
Date 7/16/2008

Transmit Mode CW
Audio Accessory HMN4104A

TX TIME **Measured Power**
 (Minutes) (Watts)

0.0	3.77
1.0	3.73
2.0	3.68
3.0	3.65
4.0	3.60
5.0	3.58
6.0	3.57
7.0	3.55
8.0	3.53
9.0	3.52
10.0	3.50
11.0	3.49
12.0	3.48
13.0	3.47
14.0	3.45
15.0	3.45
16.0	3.44
17.0	3.42
18.0	3.41
19.0	3.40
20.0	3.40
21.0	3.39
22.0	3.39
23.0	3.38
24.0	3.37
25.0	3.35
26.0	3.35
27.0	3.33
28.0	3.32
29.0	3.31
30.0	3.31
31.0	3.31
32.0	3.30
33.0	3.30
34.0	3.28
35.0	3.28
36.0	3.27
37.0	3.26
38.0	3.25
39.0	3.23
40.0	3.22



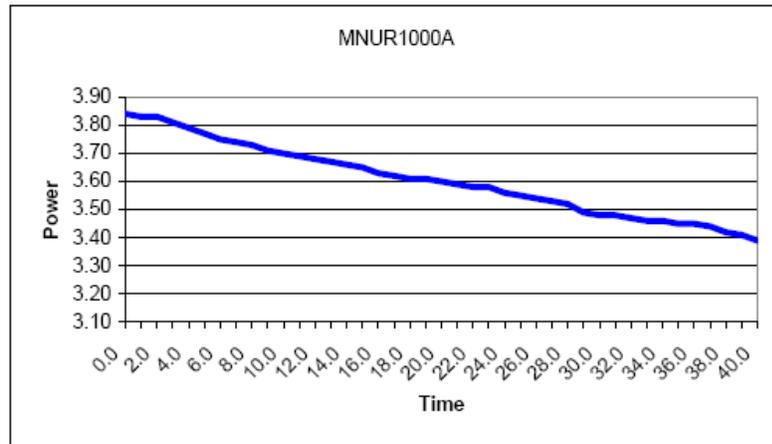
Model # MNUR1000A
Serial # TU098JW07M

Battery NNTN7038A
Frequency 860.025 MHz
Date 7/16/2008

Transmit Mode CW
Audio Accessory HMN4104A

TX TIME **Measured Power**
 (Minutes) (Watts)

0.0	3.84
1.0	3.83
2.0	3.83
3.0	3.81
4.0	3.79
5.0	3.77
6.0	3.75
7.0	3.74
8.0	3.73
9.0	3.71
10.0	3.70
11.0	3.69
12.0	3.68
13.0	3.67
14.0	3.66
15.0	3.65
16.0	3.63
17.0	3.62
18.0	3.61
19.0	3.61
20.0	3.60
21.0	3.59
22.0	3.58
23.0	3.58
24.0	3.56
25.0	3.55
26.0	3.54
27.0	3.53
28.0	3.52
29.0	3.49
30.0	3.48
31.0	3.48
32.0	3.47
33.0	3.46
34.0	3.46
35.0	3.45
36.0	3.45
37.0	3.44
38.0	3.42
39.0	3.41
40.0	3.39



Appendix G
DUT Test Position Photos

Photos available in Exhibit 7B - Temporary Confidentiality Requested

Appendix H
DUT and Body worn Accessory Photos

Photos available in Exhibit 7B - Temporary Confidentiality Requested

Appendix I

DUT Antenna Separation Distances and Offered Accessory Test Status

The following table(s) summarizes the separation distances and test status provided by each of the applicable body-worn accessory(ies):

Carry Case Models	Tested ?	Min. Separation distances between DUT antenna and phantom surface. (mm)	Comments
PMLN5409A	Yes	75-157	Test with PMLN5324A and PMLN5330A
PMLN5407A	Yes	75-157	Test with PMLN5324A and PMLN5330A
PMLN5408A	Yes	75-157	Test with PMLN5324A and PMLN5330A
HLN6875A	Yes	42-96	Test with and with out PMLN5331A
NTN8266B	Yes	27-63	Test with and with out PMLN5331A
NTN5243A	Yes		Shoulder strap
PMLN5331A	Yes	55-96	Test with NTN8266B and HLN6875A
NTN8039B	No	75-157	Similar to PMLN5407A
NTN8040B	No	75-157	Similar to PMLN5409A
PMLN5322A	Yes	35-59	
PMLN5328A	Yes	31-51	
PMLN5323A	Yes	49-86	
PMLN5329A	Yes	46-80	
PMLN5324A	Yes	86-157	Short case; Loop same as PMLN5408A
PMLN5330A	Yes	75-141	Long case; Loop same as PMLN5408A

Audio Acc. Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
HMN4104A	Yes	NA	
PMMN4062A	No	NA	Similar to HMN4104A
PMMN4061A	Yes	20-25	PSM
PMMN4059A	Yes	19-24	PSM
PMMN4060A	Yes	20-25	PSM
PMLN5275A	Yes	NA	
RMN5058A	Yes	NA	
PMLN5111A	Yes	NA	
PMLN5112A	No	NA	Similar to PMLN5111A
PMMN4024A	Yes	NA	
PMMN4025A	No	NA	Similar to HMN4104A
RLN5878A	Yes	NA	Receive only
RLN5879A	No	NA	Similar to RLN5878A
RLN5880A	No	NA	Similar to RLN5882A
RLN5881A	No	NA	Similar to RLN5882A
RLN5882A	Yes	NA	
RLN5883A	No	NA	Similar to RLN5882A
AARLN4885B	No	NA	Receive only / earpiece extension for RSM
WADN4190B	No	NA	Similar to RLN4885B
RLN4941A	No	NA	Similar to RLN4885B
RLN6242A	No	NA	Acoustic inserts for ear piece
RLN6232A	No	NA	Acoustic inserts for ear piece
RLN6230A	No	NA	Acoustic inserts for ear piece