

 MOTOROLA	 TESTING CERT # 2518.01
FCC ID: AZ489FT5849 DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2	
Networks & Enterprise EME Test Laboratory 8000 West Sunrise Blvd Fort Lauderdale, FL. 33322	Date of Report: 4/10/07 Report Revision: O Report ID: XTS2500_900_Rev O_070410 SR4696
Responsible Engineer: Kim Uong (EME Engineer) Date/s Tested: 2/8/07-3/20/07; 4/4/07 Manufacturer/Location: Penang, Malaysia Sector/Group/Div.: CGISS/GTDG Date submitted for test: 1/12/07 DUT Description: 896-940 MHz 1.0-2.5 Watt, 512 Channels / 3 X 6 Keypad / 6 line Display Test TX mode(s): CW Max. Power output: 2.8 Watts Nominal Power: 2.5 Watts Tx Frequency Bands: 896-901MHz; 935-940MHz Signaling type: FM Model(s) Tested: H46WCH9PW7BN Model(s) Certified: H46WCH9PW7BN Serial Number(s): 408TGL0004, 408TGL0007 Classification: Controlled/Occupational Rule Part(s): 90  Approved Accessories: Antenna(s): NAF5038AR (1/2 Wave whip 896-941 MHz -0.85dBi); NAF5042AR (1/4 Wave stubby 806-941 MHz -2.3dBi); NAF5040AR (Dipole 896-941 MHz -0.85dBi) Battery(ies): NTN9815B (NICD, 1525 MAH); NTN9816B (NICAD FM 1525MAH); NTN9858C (IMPRES HIGH CAPACITY 1800 NIMH); NTN9857C(IMPRES NIMH FM 1700MAH); NNTN6263A (JedRay NiMH FM, , IMPRES) Body worn accessory(ies): HLN9844A (2 inch belt clip); HLN6853A (2.25 inch belt clip); NNTN4115A (Bonded case 3 inch loop with swivel); NNTN4116A (Bonded case 2.5 inch loop with swivel); NNTN4117A (Bonded case belt loop 3 inch); TDN9675B (Wrist Strap); NTN5243A (Shoulder Strap); NLN6349A (Shoulder Strap). Audio/Data cable accessory(ies): See section 3.0 for list of approved audio accessories. Max. Calc. : 1-g Avg. SAR: 7.61 W/kg (Body); 10-g Avg. SAR: 5.26 W/kg (Body) Max. Calc. : 1-g Avg. SAR: 2.49 W/kg (Face); 10-g Avg. SAR: 1.79 W/kg (Face)	
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.	
<i>Signature on file – Stephen Whalen for Deanna Zakharia</i> Deanna Zakharia N&E EME Lab Senior Resource Manager, Laboratory Director, Approval Date: 4/10/07	Certification Date: 4/10/07 Certification No.: L1070410P

Appendix D

Test System Verification Scans

Dipole validation scans at the head from SPEAG are provided in APPENDIX C. NE's EME lab validates its' dipole(s) to the applicable IEEE system performance targets. A system validation was performed using FCC body tissue parameters to generate the system performance target values for body at the applicable frequency. Dipoles are assessed using multiple probes and measurements were performed using the isotropic assessment procedure mentioned below.

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. The results obtained from each probe were then averaged together to determine the new measured SAR target.

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Date/Time: 2/8/2007 4:26:19 PM

Robot# / Run#: DASY4-FL-3 / MeC-SYSP-900B-070208-01
 Phantom# / Tissue Temp.: 80302002B-S8 / 21.8 (C)
 Dipole Model# / Serial#: D900V2 / 084
 TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)
 Calculated: 11.25 mW/g (1g); 7.26 mW/g (10g)
 Percent from Target (+/-): 2.37 % (1g); 2.19 % (10g)
 (Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.08$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

Reference Value = 55.2 V/m; Power Drift = -0.0103 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 2.81 mW/g; SAR(10 g) = 1.81 mW/g

Maximum value of SAR (measured) = 3.06 mW/g

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

Reference Value = 55.2 V/m; Power Drift = -0.0103 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 2.8 mW/g; SAR(10 g) = 1.81 mW/g

Maximum value of SAR (measured) = 3.04 mW/g

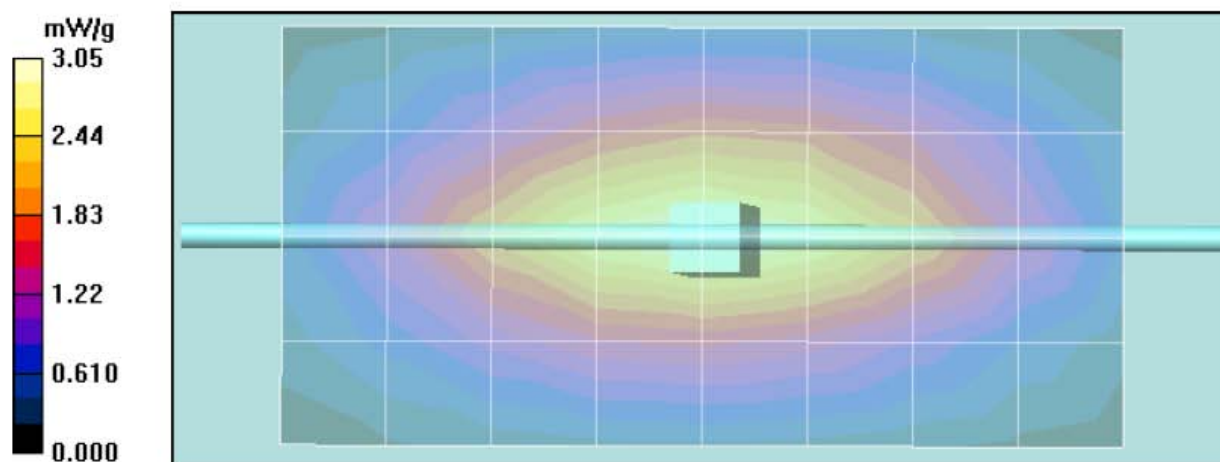
System Performance/Dipole Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 55.2 V/m; Power Drift = -0.0103 dB

Motorola Fast SAR: SAR(1 g) = 2.83 mW/g; SAR(10 g) = 1.88 mW/g

Maximum value of SAR (interpolated) = 3.06 mW/g

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



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Date/Time: 2/9/2007 6:21:26 PM

Robot# / Run#: DASY4-FL-3 / MeC-SYSP-900B-070209-01
 Phantom# / Tissue Temp.: 80302002B-S8 / 21.7 (C)
 Dipole Model# / Serial#: D900V2 / 084
 TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)
 Calculated: 11.27 mW/g (1g); 7.31 mW/g (10g)
 Percent from Target (+/-): 2.21 % (1g); 1.47 % (10g)
 (Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.08$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Reference Value = 55.7 V/m; Power Drift = 0.00545 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 2.83 mW/g; SAR(10 g) = 1.83 mW/g

Maximum value of SAR (measured) = 3.09 mW/g

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

Reference Value = 55.7 V/m; Power Drift = 0.00545 dB

Peak SAR (extrapolated) = 4.09 W/kg

SAR(1 g) = 2.81 mW/g; SAR(10 g) = 1.83 mW/g

Maximum value of SAR (measured) = 3.04 mW/g

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

Maximum value of SAR (measured) = 3.05 mW/g

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

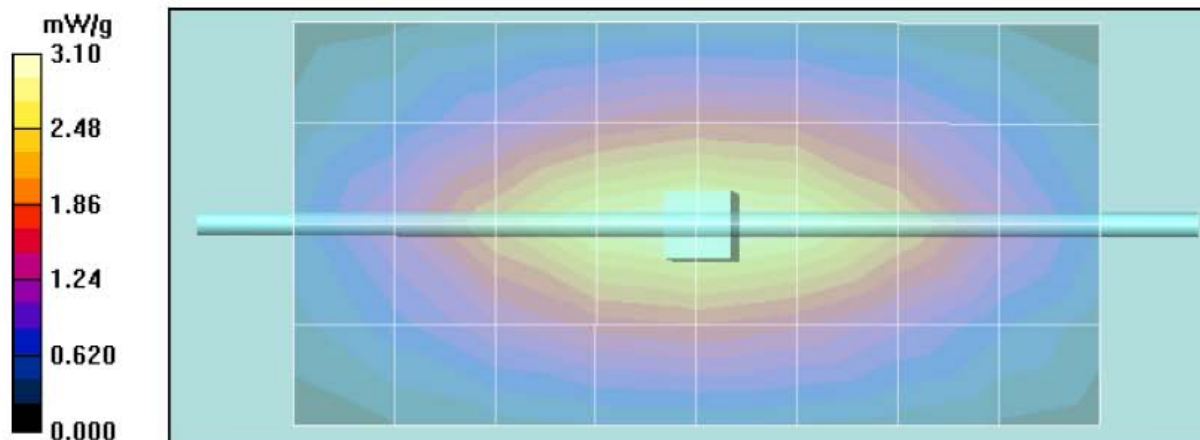
Reference Value = 55.7 V/m; Power Drift = 0.00545 dB

Motorola Fast SAR: SAR(1 g) = 2.84 mW/g; SAR(10 g) = 1.89 mW/g

Maximum value of SAR (interpolated) = 3.05 mW/g

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

Maximum value of SAR (measured) = 3.10 mW/g



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Date/Time: 2/13/2007 4:02:03 PM

Robot# / Run#: DASY4-FL-3 / MeC-SYSP-900B-070213-01
Phantom# / Tissue Temp.: 80302002B-S8 / 21.3 (C)
Dipole Model# / Serial#: D900V2 / 084
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)
Calculated: 11.23 mW/g (1g); 7.28 mW/g (10g)
Percent from Target (+/-): 2.50 % (1g); 1.87 % (10g)
(Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

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

Reference Value = 56.0 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 2.82 mW/g; SAR(10 g) = 1.83 mW/g

Maximum value of SAR (measured) = 3.06 mW/g

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

Reference Value = 56.0 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 2.81 mW/g; SAR(10 g) = 1.82 mW/g

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

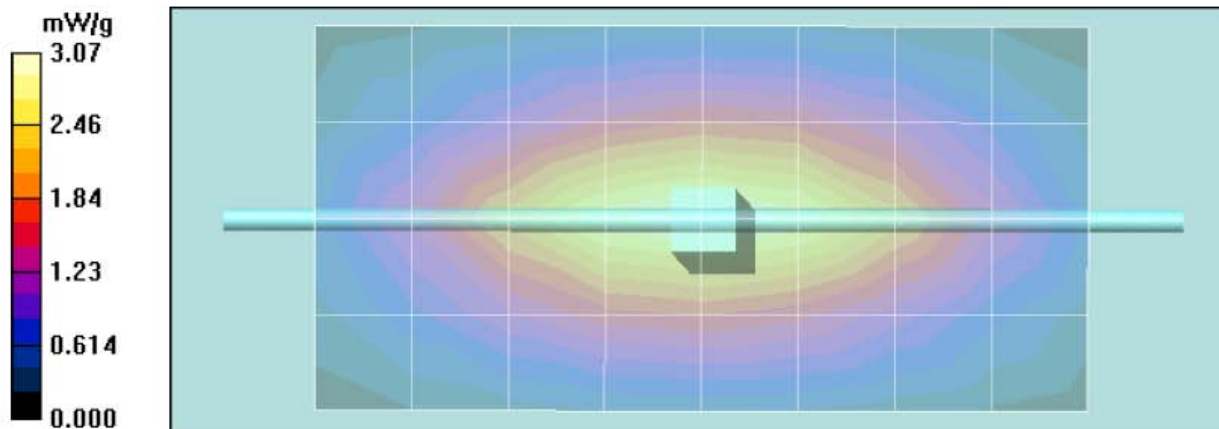
Reference Value = 56.0 V/m; Power Drift = 0.011 dB

Motorola Fast SAR: SAR(1 g) = 2.84 mW/g; SAR(10 g) = 1.89 mW/g

Maximum value of SAR (interpolated) = 3.06 mW/g

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

Maximum value of SAR (measured) = 3.07 mW/g



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Date/Time: 2/14/2007 12:29:41 PM

Robot# / Run#: DASY4-FL-3 / HvH-SYSP-900H-070214-01
 Phantom# / Tissue Temp.: 80302002A-S7 / 21.1 (C)
 Dipole Model# / Serial#: D900V2 / 084
 TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.35 mW/g (1g); 7.21 mW/g (10g)
 Calculated: 10.97 mW/g (1g); 6.99 mW/g (10g)
 Percent from Target (+/-): 3.38 % (1g); 3.01 % (10g)
 (Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(6.12, 6.12, 6.12)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

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

Reference Value = 56.8 V/m; Power Drift = 0.0289 dB

Peak SAR (extrapolated) = 4.13 W/kg

SAR(1 g) = 2.75 mW/g; SAR(10 g) = 1.76 mW/g

Maximum value of SAR (measured) = 2.97 mW/g

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

Reference Value = 56.8 V/m; Power Drift = 0.0289 dB

Peak SAR (extrapolated) = 4.17 W/kg

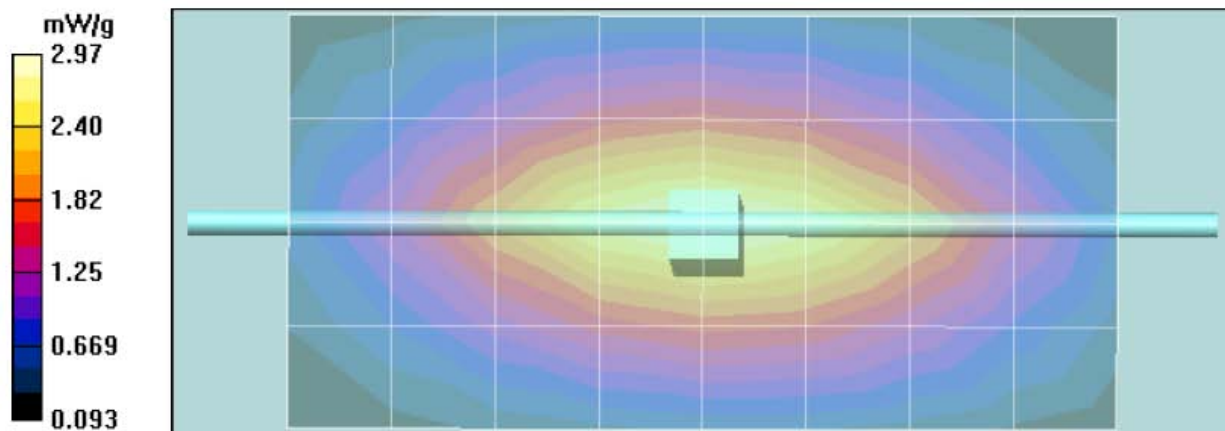
SAR(1 g) = 2.77 mW/g; SAR(10 g) = 1.76 mW/g

Maximum value of SAR (measured) = 3.01 mW/g

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

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

Maximum value of SAR (measured) = 2.98 mW/g



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Date/Time: 2/15/2007 8:25:30 AM

Robot# / Run#: DASY4-FL-3 / HvH-SYSP-900H-070215-01
 Phantom# / Tissue Temp.: 80302002A-S7 / 21.1 (C)
 Dipole Model# / Serial#: D900V2 / 084
 TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.35 mW/g (1g); 7.21 mW/g (10g)
 Calculated: 10.86 mW/g (1g); 6.96 mW/g (10g)
 Percent from Target (+/-): 4.34 % (1g); 3.49 % (10g)
 (Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(6.12, 6.12, 6.12)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

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

Reference Value = 56.9 V/m; Power Drift = 0.0012 dB

Peak SAR (extrapolated) = 4.07 W/kg

SAR(1 g) = 2.71 mW/g; SAR(10 g) = 1.74 mW/g

Maximum value of SAR (measured) = 2.94 mW/g

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

Reference Value = 56.9 V/m; Power Drift = 0.0012 dB

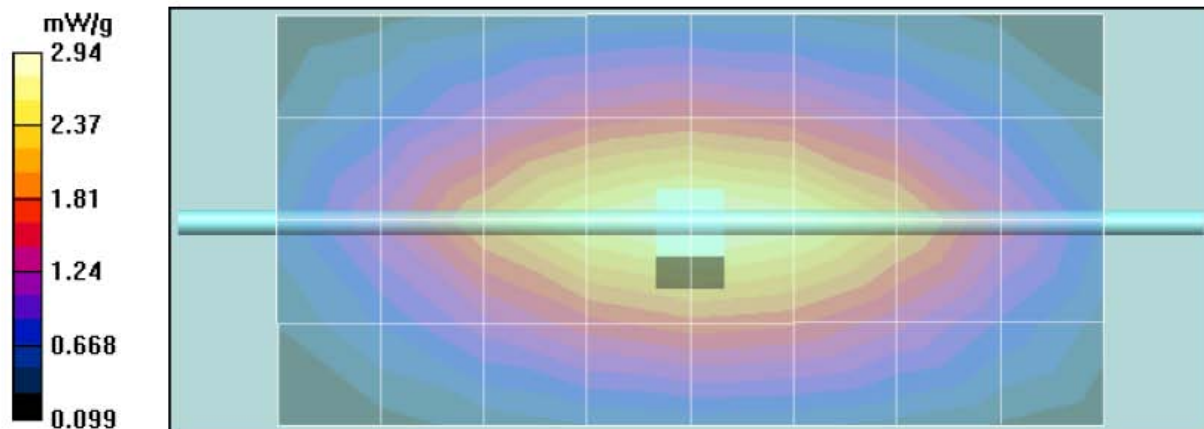
Peak SAR (extrapolated) = 4.09 W/kg

SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.74 mW/g

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

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

Maximum value of SAR (measured) = 2.95 mW/g



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Date/Time: 2/16/2007 8:41:11 AM

Robot# / Run#: DASY4-FL-3 / HvH-SYSP-900B-070216-01
 Phantom# / Tissue Temp.: 80302002B-S8 / 20.5 (C)
 Dipole Model# / Serial#: D900V2 / 084
 TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)
 Calculated: 10.83 mW/g (1g); 7.03 mW/g (10g)
 Percent from Target (+/-): 5.98 % (1g); 5.26 % (10g)
 (Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

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

Reference Value = 55.2 V/m; Power Drift = 0.0433 dB

Peak SAR (extrapolated) = 3.98 W/kg

SAR(1 g) = 2.74 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.97 mW/g

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

Reference Value = 55.2 V/m; Power Drift = 0.0433 dB

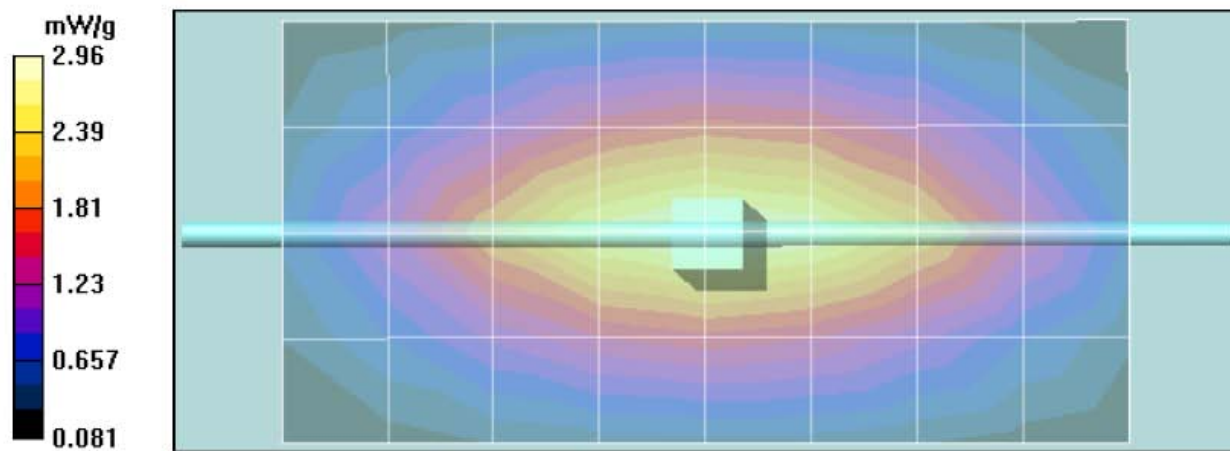
Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 2.73 mW/g; SAR(10 g) = 1.77 mW/g

Maximum value of SAR (measured) = 2.96 mW/g

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

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



Motorola N&E EME Laboratory

Date/Time: 2/17/2007 12:56:39 PM

Robot# / Run#: DASY4-FL-3 / MeC-SYSP-900B-070217-01
Phantom# / Tissue Temp.: 80302002B-S8 / 20.2 (C)
Dipole Model# / Serial#: D900V2 / 084
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)
Calculated: 10.98 mW/g (1g); 7.12 mW/g (10g)
Percent from Target (+/-): 4.65 % (1g); 4.08 % (10g)
(Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.07$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

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

Reference Value = 55.1 V/m; Power Drift = 0.0139 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 2.76 mW/g; SAR(10 g) = 1.79 mW/g

Maximum value of SAR (measured) = 2.99 mW/g

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

Reference Value = 55.1 V/m; Power Drift = 0.0139 dB

Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 2.75 mW/g; SAR(10 g) = 1.78 mW/g

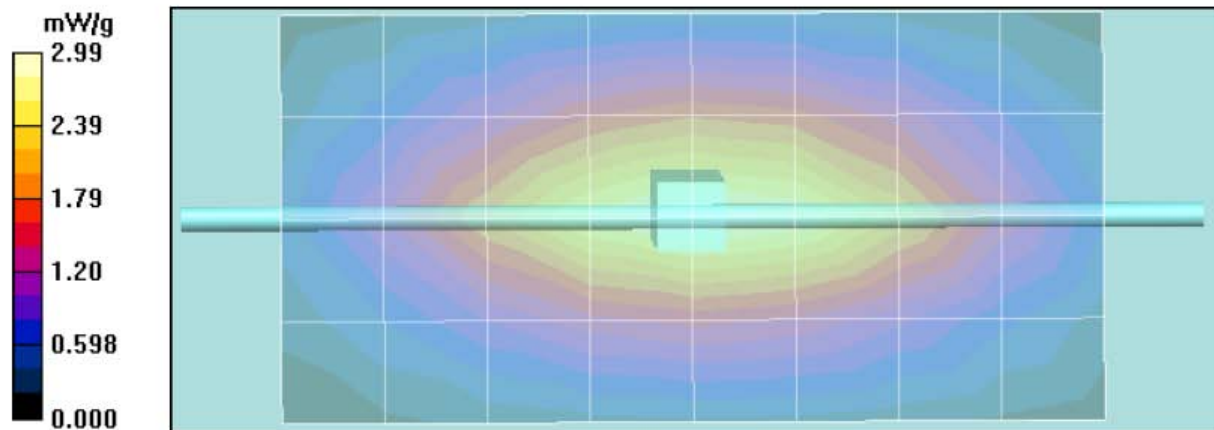
System Performance/Dipole Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 55.1 V/m; Power Drift = 0.0139 dB

Motorola Fast SAR: SAR(1 g) = 2.78 mW/g; SAR(10 g) = 1.85 mW/g

Maximum value of SAR (interpolated) = 3.00 mW/g

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



Motorola N&E EME Laboratory

Date/Time: 2/23/2007 2:32:48 PM

Robot# / Run#: DASY4-FL-3 / HvH-SYSP-900B-070223-01

Phantom# / Tissue Temp.: 80302002B-S8 / 21.2 (C)

Dipole Model# / Serial#: D900V2 / 084

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)
 Calculated: 10.76 mW/g (1g); 6.97 mW/g (10g)
 Percent from Target (+/-): 6.58 % (1g); 6.09 % (10g)
 (Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

Reference Value = 54.6 V/m; Power Drift = 0.00733 dB

Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.75 mW/g

Maximum value of SAR (measured) = 2.92 mW/g

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

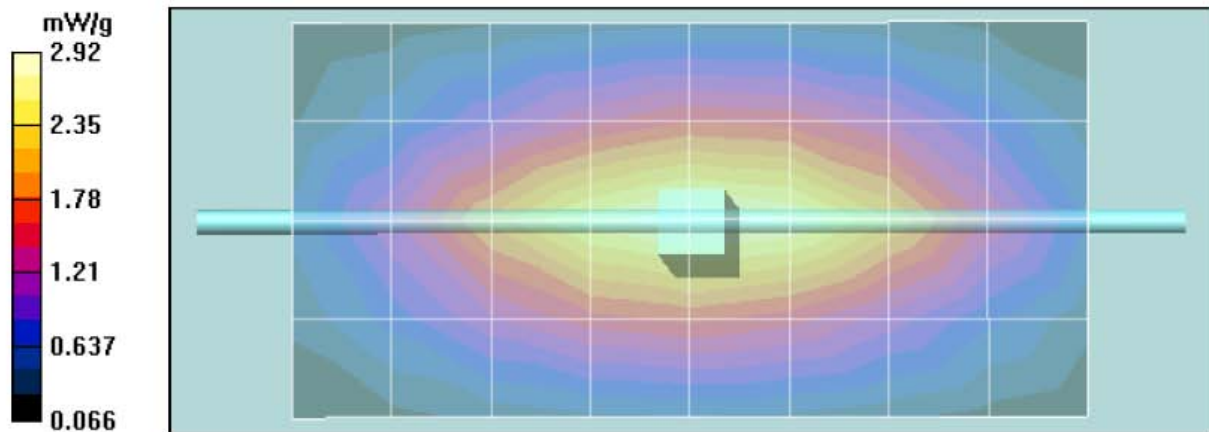
Reference Value = 54.6 V/m; Power Drift = 0.00733 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 2.69 mW/g; SAR(10 g) = 1.74 mW/g

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

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



Motorola N&E EME Laboratory

Date/Time: 2/26/2007 8:45:27 AM

Robot# / Run#: DASY4-FL-3 / HvH-SYSP-900B-070226-01

Phantom# / Tissue Temp.: 80302002B-S8 / 21.0 (C)

Dipole Model# / Serial#: D900V2 / 084

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)

Calculated: 11.21 mW/g (1g); 7.25 mW/g (10g)

Percent from Target (+/-): 2.67 % (1g); 2.30 % (10g)
(Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.07$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³**System Performance/0-Degree 5x5x7 Cube (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 55.7 V/m; Power Drift = 0.0183 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 2.81 mW/g; SAR(10 g) = 1.82 mW/g

Maximum value of SAR (measured) = 3.06 mW/g

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

Reference Value = 55.7 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 4.14 W/kg

SAR(1 g) = 2.82 mW/g; SAR(10 g) = 1.82 mW/g

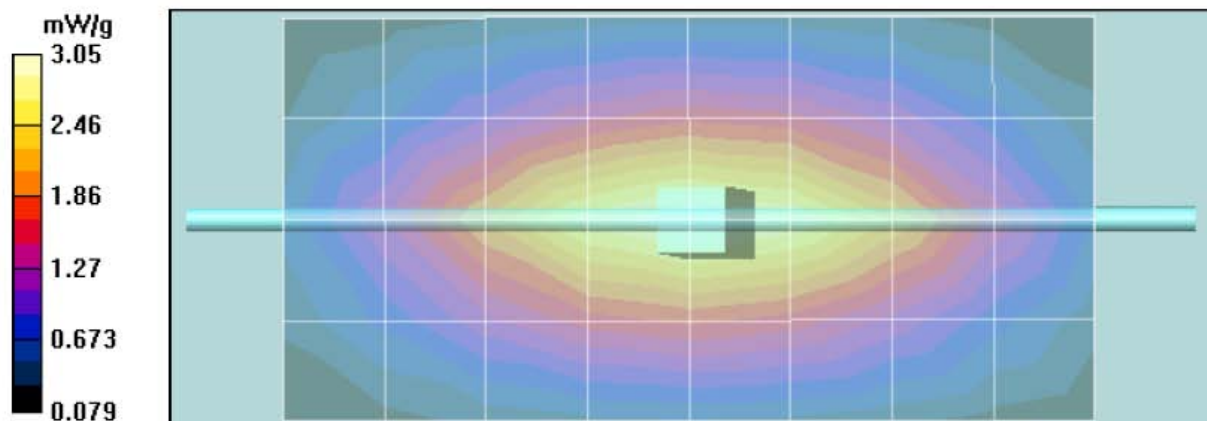
Maximum value of SAR (measured) = 3.07 mW/g

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

Maximum value of SAR (measured) = 3.05 mW/g

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

Maximum value of SAR (measured) = 3.02 mW/g



Motorola N&E EME Laboratory

Date/Time: 3/7/2007 9:35:44 AM

Robot# / Run#: DASY4-FL-3 / HvH-SYSP-900B-070307-01
Phantom# / Tissue Temp.: 80302002B-S8 / 20.9 (C)
Dipole Model# / Serial#: D900V2 / 084
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g); 7.42 mW/g (10g)
Calculated: 11.04 mW/g (1g); 7.14 mW/g (10g)
Percent from Target (+/-): 4.20 % (1g); 3.72 % (10g)
(Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

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

Reference Value = 55.4 V/m; Power Drift = 0.00958 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 2.77 mW/g; SAR(10 g) = 1.79 mW/g

Maximum value of SAR (measured) = 3.01 mW/g

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

Reference Value = 55.4 V/m; Power Drift = 0.00958 dB

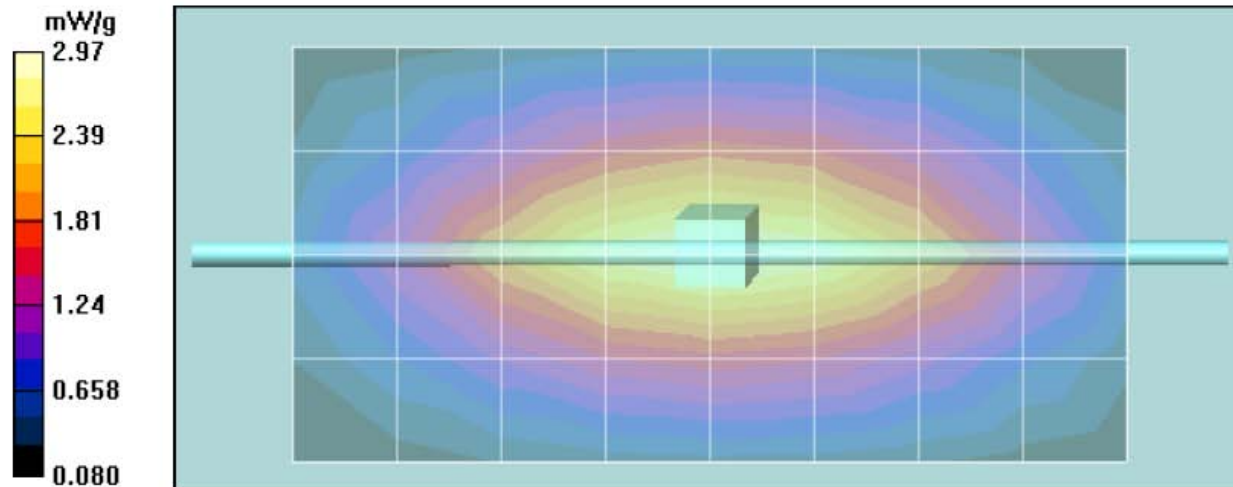
Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 2.76 mW/g; SAR(10 g) = 1.79 mW/g

Maximum value of SAR (measured) = 2.97 mW/g

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

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



Motorola N&E EME Laboratory

Date/Time: 3/19/2007 4:32:55 PM

Robot# / Run#: DASY4-FL-3 / MeC-SYSP-900B-070319-01
Phantom# / Tissue Temp.: 80302002B-S8 / 21.9 (C)
Dipole Model# / Serial#: D900V2 / 084
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.06 mW/g (1g); 7.15 mW/g (10g)
Calculated: 11.59 mW/g (1g); 7.53 mW/g (10g)
Percent from Target (+/-): 4.79 % (1g); 5.26 % (10g)
(Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.08$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

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

Reference Value = 56.1 V/m; Power Drift = -0.00349 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 2.89 mW/g; SAR(10 g) = 1.88 mW/g

Maximum value of SAR (measured) = 3.13 mW/g

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

Reference Value = 56.1 V/m; Power Drift = -0.00349 dB

Peak SAR (extrapolated) = 4.22 W/kg

SAR(1 g) = 2.9 mW/g; SAR(10 g) = 1.88 mW/g

Maximum value of SAR (measured) = 3.14 mW/g

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

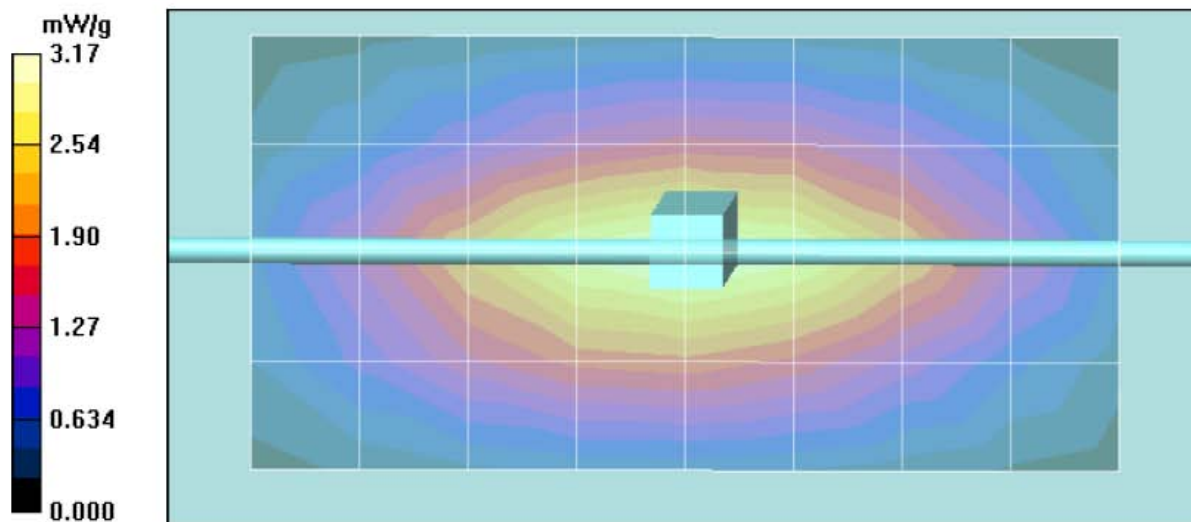
Reference Value = 56.1 V/m; Power Drift = -0.00349 dB

Motorola Fast SAR: SAR(1 g) = 2.93 mW/g; SAR(10 g) = 1.95 mW/g

Maximum value of SAR (interpolated) = 3.16 mW/g

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

Maximum value of SAR (measured) = 3.17 mW/g



Motorola N&E EME Laboratory**Date/Time: 3/20/2007 7:12:56 AM**

Robot# / Run#: DASY4-FL-3 / ErC-SYSP-900B-070320-01

Phantom# / Tissue Temp.: 80302002B-S8 / 21.7 (C)

Dipole Model# / Serial#: D900V2 / 084

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.06 mW/g (1g); 7.15 mW/g (10g)
 Calculated: 11.28 mW/g (1g); 7.32 mW/g (10g)
 Percent from Target (+/-): 2.03 % (1g); 2.41 % (10g)
 (Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.08$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

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

Reference Value = 55.6 V/m; Power Drift = -0.00156 dB

Peak SAR (extrapolated) = 4.07 W/kg

SAR(1 g) = 2.82 mW/g; SAR(10 g) = 1.83 mW/g

Maximum value of SAR (measured) = 3.04 mW/g

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

Reference Value = 55.6 V/m; Power Drift = -0.00156 dB

Peak SAR (extrapolated) = 4.08 W/kg

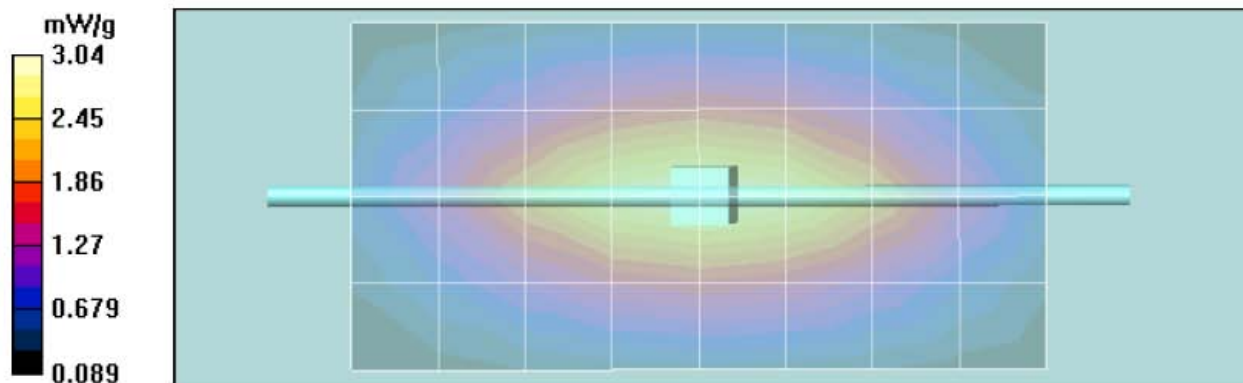
SAR(1 g) = 2.82 mW/g; SAR(10 g) = 1.83 mW/g

Maximum value of SAR (measured) = 3.05 mW/g

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

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

Maximum value of SAR (measured) = 3.08 mW/g



Motorola N&E EME Laboratory

Date/Time: 4/4/2007 5:09:57 PM

Robot# / Run#: DASY4-FL-3 / MeC-SYSP-900B-070404-01
Phantom# / Tissue Temp.: 80302002B-S8 / 21.3 (C)
Dipole Model# / Serial#: D900V2 / 084
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.06 mW/g (1g); 7.15 mW/g (10g)
Calculated: 11.02 mW/g (1g); 7.14 mW/g (10g)
Percent from Target (+/-): 0.37 % (1g); 0.15 % (10g)
(Including Drift)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.07$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

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

Reference Value = 55.1 V/m; Power Drift = 0.000254 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 2.77 mW/g; SAR(10 g) = 1.79 mW/g

Maximum value of SAR (measured) = 3.01 mW/g

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

Reference Value = 55.1 V/m; Power Drift = 0.000254 dB

Peak SAR (extrapolated) = 3.96 W/kg

SAR(1 g) = 2.74 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.98 mW/g

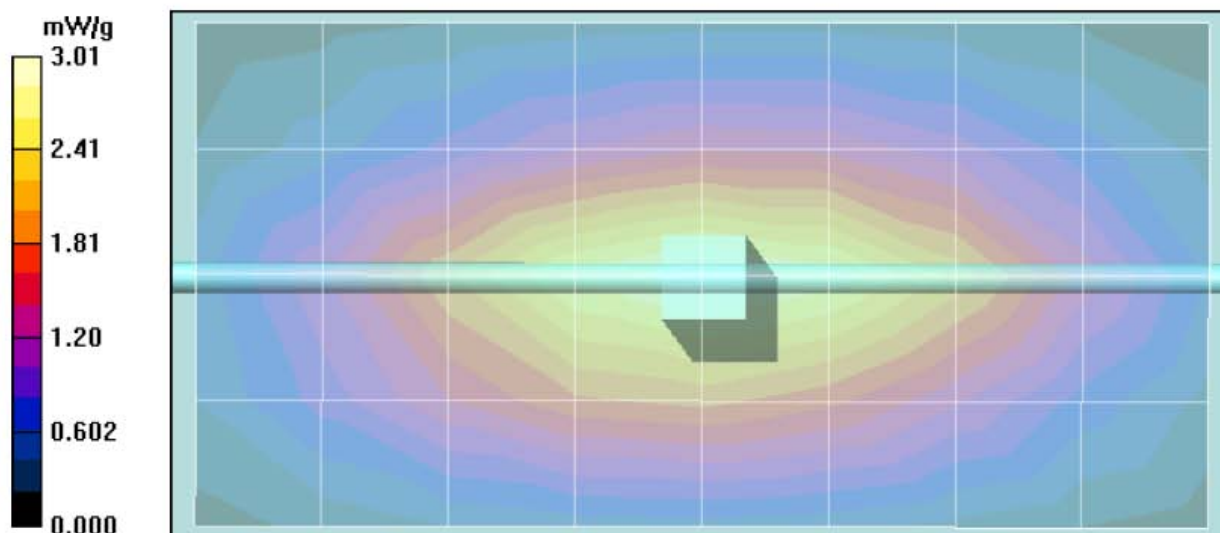
System Performance/Dipole Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 55.1 V/m; Power Drift = 0.000254 dB

Motorola Fast SAR: SAR(1 g) = 2.78 mW/g; SAR(10 g) = 1.85 mW/g

Maximum value of SAR (interpolated) = 3.01 mW/g

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



DIPOLE SAR TARGET - HEAD

Date: 06/03/06 Frequency (MHz): 900
 Lab Location: NE Mixture Type: IEEE Head
 DAE Serial #: 374 Ambient Temp.(°C): 22.7

Tissue Characteristics

Permittivity: 41.0 Phantom Type/SN: 80302002A-S7
 Conductivity: 0.99 Distance (mm): 15
 Tissue Temp.(°C): 20.5

Reference Source: Dipole Power to Dipole: 250 mW
 Reference SN: 84

Target SAR Value: 10.8 mW/g (1g avg.), 6.9 mW/g (10g avg.)
 (normalized to 1.0 W)

New Target:

Average Measured SAR Value: 11.35 mW/g (1g avg.), 7.21 mW/g (10g avg.)

Percent Difference From Target (MUST be within k=2 Uncertainty):
5.07% (1g ave)
4.46% (10g ave)

Test performed by: Ed Church Initial: E.C

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
1383	11.26	-0.77%	7.16	-0.66%	R3
1393	11.19	-1.39%	7.13	-1.08%	R3
1545	12.04	6.10%	7.61	5.58%	R3
1547	10.90	-3.94%	6.93	-3.85%	R3
		-100.00%		-100.00%	
Average	11.3475		7.2075	New Measured SAR Value	
(normalized to 1.0 W, including drift)					

DIPOLE SAR TARGET - BODY

Date: 06/03/06 Frequency (MHz): 900
 Lab Location: NE Mixture Type: FCC Body
 DAE Serial #: 374 Ambient Temp.(°C): 22.7

Tissue Characteristics

Permittivity: 54.1 Phantom Type/SN: 80302002D-S15
 Conductivity: 1.05 Distance (mm): 15
 Tissue Temp.(°C): 20.2

Reference Source: Dipole Power to Dipole: 250 mW
 Reference SN: 84

New Target:

Average Measured SAR Value: 11.52 mW/g(1g avg.), 7.42 mW/g (10g avg.)

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

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
1383	11.48	-0.3%	7.41	-0.1%	R3
1393	11.28	-2.0%	7.30	-1.6%	R3
1545	11.67	1.3%	7.50	1.1%	R3
1547	11.63	1.0%	7.47	0.7%	R3
		-100.0%		-100.0%	
Average	11.5150		7.4200	New Measured SAR Value	
(normalized to 1.0 W, including drift)					

DIPOLE SAR TARGET - HEAD

Date: 03/13/07 Frequency (MHz): 900
 Lab Location: NE Mixture Type: IEEE Head
 DAE Serial #: 401 Ambient Temp.(°C): 22.1

Tissue Characteristics

Permittivity: 41.6 Phantom Type/SN: SAMTP1234
 Conductivity: 1.00 Distance (mm): 15
 Tissue Temp.(°C): 21.9

Reference Source: Dipole Power to Dipole: 250 mW
 Reference SN: 84

Target SAR Value: 10.8 mW/g (1g avg.), 6.9 mW/g (10g avg.)
 (normalized to 1.0 W)

New Target:

Average Measured SAR Value: 10.47 mW/g (1g avg.), 6.67 mW/g (10g avg.)

Percent Difference From Target (MUST be within k=2 Uncertainty):
-3.03% (1g ave)
-3.30% (10g ave)

Test performed by: Gene Von Holten Initial: HvH

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
1547	10.38	-0.88%	6.63	-0.64%	R2
1384	10.68	1.98%	6.80	1.91%	R2
1383	10.49	0.17%	6.66	-0.19%	R2
1545	10.34	-1.27%	6.60	-1.09%	R2
5		-100.00%		-100.00%	R2
Average					
	10.4725		6.6725		New Measured SAR Value
(normalized to 1.0 W, including drift)					

DIPOLE SAR TARGET - BODY

Date: 03/13/07 Frequency (MHz): 900
 Lab Location: NE Mixture Type: FCC Body
 DAE Serial #: 401 Ambient Temp.(°C): _____

Tissue Characteristics

Permittivity: 52.4 Phantom Type/SN: 80302002B-S8
 Conductivity: 1.07 Distance (mm): 15
 Tissue Temp.(°C): 21.3

Reference Source: Dipole Power to Dipole: 250 mW
 Reference SN: 84

New Target:

Average Measured SAR Value: 11.06 mW/g(1g avg.), 7.15 mW/g (10g avg.)

Test performed by: Gene Von Holten Initial: HvH

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
1545	11.10	0.4%	7.17	0.3%	R2
1547	10.88	-1.6%	7.05	-1.4%	R2
1384	10.99	-0.6%	7.11	-0.5%	R2
1383	11.25	1.8%	7.26	1.6%	R2
5		-100.0%		-100.0%	R2
Average	11.0550		7.1475	New Measured SAR Value	
(normalized to 1.0 W, including drift)					

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

Motorola N&E EME Laboratory**Test Date: 2/17/07**

Robot# / Run#: DASY4-FL-3 / MeC-Ab-070217-11
 Phantom# / Tissue Temp.: 80302002B-S8 / 20.2 (C)
 DUT Model# / Serial#: H46WCH9PW7BN / 408TGL0007
 Antenna / TX Freq.: NAF5040AR / 898.5125 (MHz)
 Battery: NNTN6263A
 Carry Acc. / Cable Acc.: None / RMN4049A
 Start Power: 2.80 (W)
 Comments: Back of radio antenna @ 2.5 cm. SHORTENED SCAN

Comments: Short Scan at the body w/ back of radio facing phantom and antenna @ 2.5 cm
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. = 7.01 mW/g; 10-g Avg. = 4.84mW/g

“Normal” scan max calculated SAR using SAR drift: 1-g Avg. = 6.95mW/g; 10-g Avg. = 4.83mW/g

(See part 1 of 2 section 9.0 run # MeC-Ab-R2-070217-10)

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 898.5$ MHz; $\sigma = 1.07$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

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

Reference Value = 21.1 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 13.9 mW/g; SAR(10 g) = 9.6 mW/g

Maximum value of SAR (measured) = 14.9 mW/g

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm

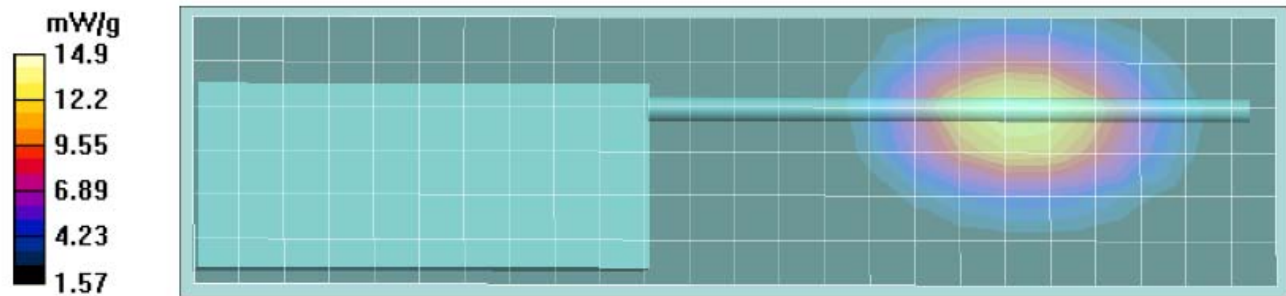
Reference Value = 119.0 V/m; Power Drift = -0.036 dB

Motorola Fast SAR: SAR(1 g) = 13.5 mW/g; SAR(10 g) = 9.27 mW/g

Maximum value of SAR (interpolated) = 14.4 mW/g

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

Maximum value of SAR (measured) = 0.436 mW/g



Highest SAR Configuration at the Body**Motorola N&E EME Laboratory****Test Date: 3/07/07**

Robot# / Run#: DASY4-FL-3 / HvH-Ab-070307-05
Phantom# / Tissue Temp.: 80302002B-S8 / 20.6 (C)
DUT Model# / Serial#: H46WCH9PW7BN / 408TGL0004
Antenna / TX Freq.: NAF5040AR / 901.0000 (MHz)
Battery: NTN9815B
Carry Acc. / Cable Acc.: None / NMN6191C
Start Power: 2.77 (W)

Comments: Back Antenna @ 2.5 cm. FULL SCAN

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(5.95, 5.95, 5.95)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 898.5$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

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

Reference Value = 119.7 V/m; Power Drift = -0.409 dB

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 13.7 mW/g; SAR(10 g) = 9.47 mW/g

Maximum value of SAR (measured) = 14.6 mW/g

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm

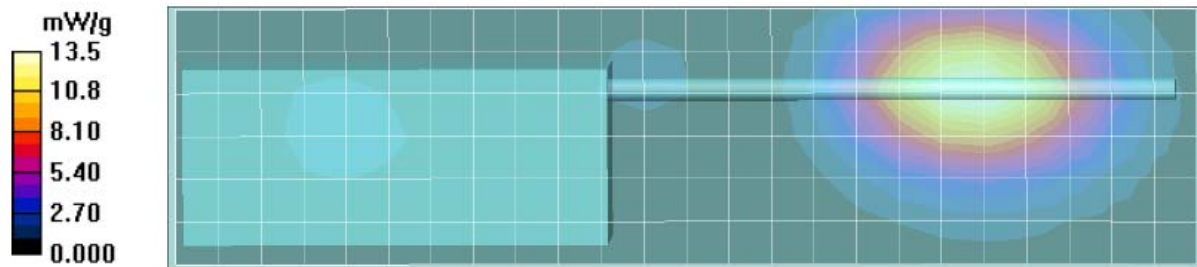
Reference Value = 119.7 V/m; Power Drift = -0.409 dB

Motorola Fast SAR: SAR(1 g) = 13.9 mW/g; SAR(10 g) = 9.53 mW/g

Maximum value of SAR (interpolated) = 14.8 mW/g

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

Maximum value of SAR (measured) = 13.5 mW/g



Highest SAR Configuration at the Face**Motorola N&E EME Laboratory****Test Date: 2/15/07**

Robot# / Run#: DASY4-FL-3 / MeC-Face-070215-14
Phantom# / Tissue Temp.: 80302002A-S7 / 20.8 (C)
DUT Model# / Serial#: H46WCH9PW7BN / 408TGL0007
Antenna / TX Freq.: NAF5042AR / 896.0125 (MHz)
Battery: NTN9857C
Carry Acc. / Cable Acc.: None / None
Start Power: 2.78 (W)

Comments: FULL SCAN

Probe: ET3DV6 - SN1384, Calibrated: 5/30/2006, ConvF(6.12, 6.12, 6.12)

Electronics: DAE3 Sn406, Calibrated: 11/13/2006

Duty Cycle: 1:1, Medium parameters used: $f = 898.5$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³**Face Scan/7x7x7 Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.7 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 6.25 W/kg

SAR(1 g) = 4.81 mW/g; SAR(10 g) = 3.45 mW/g

Maximum value of SAR (measured) = 5.08 mW/g

Face Scan/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm

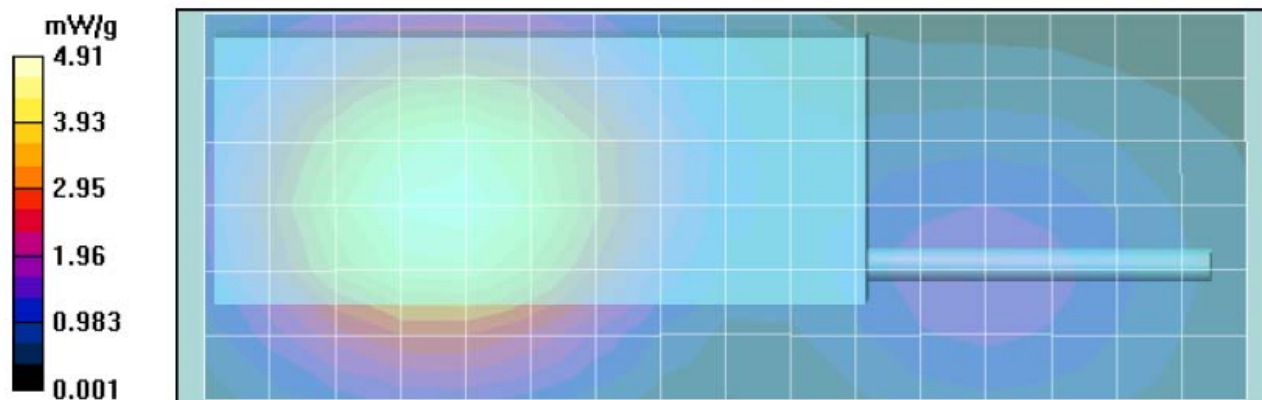
Reference Value = 61.7 V/m; Power Drift = -0.120 dB

Motorola Fast SAR: SAR(1 g) = 4.63 mW/g; SAR(10 g) = 3.3 mW/g

Maximum value of SAR (interpolated) = 4.89 mW/g

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

Maximum value of SAR (measured) = 4.91 mW/g



APPENDIX F
DUT Supplementary Data (Power slump)

Model #H46WCH9PW7BN
Serial #408TGL0007

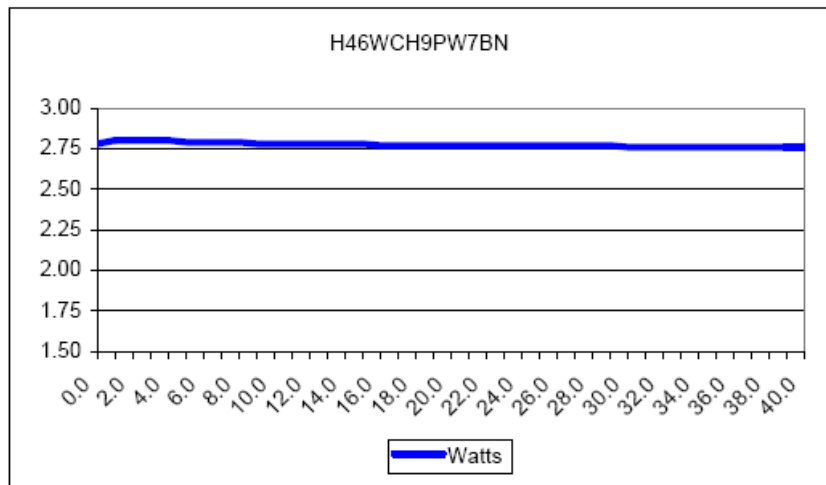
Battery NNTN6263A
Frequency 898.5125 MHz
Date 2/19/2007

Transmit Mode CW
Audio Accessory RMN4049A

TX TIME
(minutes)

Measured Power
Watts

0.0	2.78
1.0	2.80
2.0	2.80
3.0	2.80
4.0	2.80
5.0	2.79
6.0	2.79
7.0	2.79
8.0	2.79
9.0	2.78
10.0	2.78
11.0	2.78
12.0	2.78
13.0	2.78
14.0	2.78
15.0	2.78
16.0	2.77
17.0	2.77
18.0	2.77
19.0	2.77
20.0	2.77
21.0	2.77
22.0	2.77
23.0	2.77
24.0	2.77
25.0	2.77
26.0	2.77
27.0	2.77
28.0	2.77
29.0	2.77
30.0	2.76
31.0	2.76
32.0	2.76
33.0	2.76
34.0	2.76
35.0	2.76
36.0	2.76
37.0	2.76
38.0	2.76
39.0	2.76
40.0	2.76



Appendix G

DUT Test Position Photos

Figure 1: Highest SAR Test Position (Body)
DUT w/ back of radio facing phantom and antenna at 2.5cm from the phantom;
worst case audio accessory attached, and antenna NAF5040AR

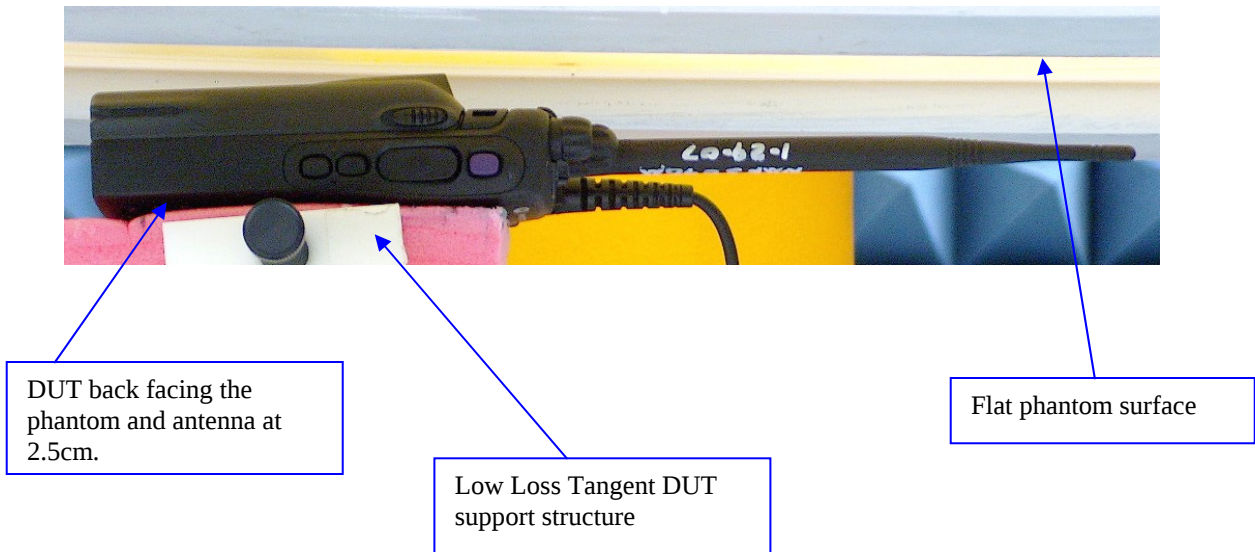


Figure 2: Highest SAR Test Position (face)
DUT w/ front side separated 2.5cm from the phantom
(same position used for other antenna)



Figure 3: Body Assessment
DUT w/ audio cable RMN4049A, and HLN9844A belt clip against the phantom.



Figure 4: Body Assessment
DUT w/ audio cable NMN6191C, and NNTN4115A carry case against the phantom.



Figure 5: Body Assessment
DUT w/ audio cable NMN6191C, carry strap NTN5243A, and NNTN4116A carry case against the phantom.



Figure 6: Body Assessment

**DUT w/ audio cable NMN6191C, and NNTN4117A carry case against the phantom.
(Same test position for carry case NNTN4117A w/ carry strap NTN5243A)**



Figure 7: Body Assessment

DUT w/ audio cable NMN6191C, and HLN6853A belt clip against the phantom.



Figure 8: Body Assessment

**DUT w/ front of radio facing phantom and at 2.5cm from the phantom;
worst case audio accessory attached, and antenna NAF5040AR**



Figure 9: Body Assessment
DUT w/ audio cable RMN4049A, carry strap NTN5243A,
and NNTN4116A carry case, w/o swivel; back side of the carry case against the phantom.



Figure 10: Body Assessment
DUT w/ audio cable RMN4049A, carry strap NTN5243A,
and NNTN4116A carry case, w/o swivel; right side of the carry case against the phantom.
(Same test position for carry case NNTN4117A w/ carry strap NTN5243A)



Figure 11: Body Assessment
DUT w/ audio cable RMN4049A, carry strap NTN5243A,
and NNTN4116A carry case; left side of the carry case against the phantom.
(Same test position for carry case NNTN4117A w/ carry strap NTN5243A)



Figure 12: Body Assessment
Public Safety Microphone (PSM) RMN5072A and antenna NAF5042AR against the phantom;
(Same test position for other PSMs)



Appendix H

DUT and Body worn Accessory Photos

The purpose of this appendix is to illustrate the offered body-worn carry accessory(ies). The sample that was used in the following photos represents the product used to obtain the results presented herein.



Photo 1.
Model NNTN4117A
Front View



Photo 2.
Model NNTN4117A
Side View



Photo 3.
Model NNTN4117A
Back View



Photo 4.
Model NNTN4116A
Front View



Photo 5.
Model NNTN4116A
Side View



Photo 6.
Model NNTN4116A
Back View



Photo 7.
Model NNTN4115A
Front View



Photo 8.
Model NNTN4115A
Side View



Photo 9.
Model NNTN4115A
Back View



Photo 10.
Model HLN9844A
Side View



Photo 11.
Model HLN9844A
Back View



Photo 12.
Model HLN6853A
Side View



Photo 13.
Model HLN6853A
Side View

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):

Antenna Models	Tested ?	Min. Separation distances between DUT antenna and phantom surface. (mm)	Comments
NAF5038AR	Yes	NA	
NAF5040AR	Yes	NA	
NAF5042AR	Yes	NA	

Battery Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
NTN9815B	Yes	NA	
NTN9816B	Yes	NA	
NTN9858C	Yes	NA	
NTN9857C	Yes	NA	
NNTN6263A	Yes	NA	

Carry accessory Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
HLN9844A	Yes	30-55	
HLN6853A	Yes	35-45	
NNTN4115A	Yes	72-92	
NNTN4116A	Yes	75-92	
NNTN4117A	Yes	63-81	
TDN9675B	No	NA	Wrist strap
NTN5243A	Yes	NA	Tested with NNTN4116A and NNTN4117A
NLN6349A	No	NA	By Similarity to NTN5243A

Audio cable Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
BDN6664A	no	NA	B/S to BDN6665A
BDN6665A	yes	NA	
BDN6666A	yes	NA	
BDN6667A	no	NA	B/S to BDN6729A
BDN6668A	no	NA	B/S to BDN6730A
BDN6669A	no	NA	B/S to BDN6729A
BDN6670A	no	NA	B/S to BDN6730A
BDN6719A	no	NA	B/S to BDN6665A
BDN6780A	no	NA	B/S to BDN6729A
BDN6781A	yes	NA	
NMN6191C	yes	NA	
NMN6193C	no	NA	B/S to NMN6191C
BDN6677A	no	NA	B/S to BDN6641A
BDN6678A	no	NA	B/S to BDN6641A
BDN6641A	yes	NA	Part of kit # BDN6671B
BDN6708B	no	NA	B/S to BDN6671B
BDN6671B	yes	NA	Tested w/ BDN6641A
BDN6645A	yes	NA	Tested w/ BDN6673B
BDN6673B	yes	NA	Tested w/ BDN6645A
BDN6726A	no	NA	B/S to BDN6665A
BDN6727A	no	NA	B/S to BDN6665A
BDN6728A	no	NA	B/S to BDN6666A
BDN6729A	yes	NA	Tested w/ BDN6676D
BDN6730A	yes	NA	Tested w/ BDN6676D
BDN6731A	no	NA	B/S to BDN6729A
BDN6732A	no	NA	B/S to BDN6730A
BDN6635C	no	NA	B/S to BDN6645A
BDN6636C	no	NA	B/S to BDN6645A
BDN6676D	yes	NA	Used with various accessories as identified
NMN1020A	yes	NA	
NMN6245A	yes	NA	Tested w/ BDN6676D
NMN6246B	yes	NA	Tested w/ BDN6676D
NMN6258A	yes	NA	Tested w/ BDN6676D
NMN6259A	no	NA	B/S to NMN6258A
RMN4049A	yes	NA	
NNTN4285A	no	NA	RSM adapter
ZMN6031A	yes	NA	Tested w/ NTN8613A
ZMN6032A	yes	NA	Tested w/ NTN8613A
ZMN6038A	no	NA	B/S to ZMN6032A
ZMN6039A	no	NA	B/S to ZMN6031A

Audio cable Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
NTN1624A	no	NA	B/S to NTN1625A
NTN1625A	yes	NA	
NTN1663A	no	NA	B/S to NTN1625A
NTN1736A	no	NA	B/S to NTN1625A
0180300E83	no	NA	B/S to BDN6671B w/ BDN6641A
NTN7660C	Yes	NA	
NTN8613A	yes	NA	Tested w/ ZMN6031A & ZMN6032A
RMN5074A	Yes	18-26	PSM tested w/ Antenna NAF5042AR
RMN5073A	Yes	18-26	PSM tested w/ Antenna NAF5042AR
RMN5072A	Yes	18-26	PSM tested w/ Antenna NAF5042AR