MOTOROLA

ACCREDITED
TESTING CERT # 2518.01

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

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

Date of Report: 9/21/2010
Report Revision: O
Report ID: SAR rpt_ H98QDD9PW5AN (MNUE1005A) _Rev.O_100921_SR8653

Responsible Engineer:	Kim Uong (Principal Staff Eng.)
Report Author:	Kim Uong (Principal Staff Eng.)
Date/s Tested:	7/27/10 – 9/02/10, 9/16/10, 9/20/10
Manufacturer/Location:	Motorola, Reynosa/Schaumburg
Sector/Group/Div.:	G&PS
Date submitted for test:	7/23/10
DUT Description:	APX6000 UHF R1 380 – 470 MHz, 3-5.7W, 6.25K/12.5K/25K, Basic Top Display Model. Capable of digital and analog FM transmission. Also capable of TDMA transmission.
Test TX mode(s):	CW (PTT)
Max. Power output:	5.7 Watts
Nominal Power:	5.0 Watts
Tx Frequency Bands:	380 - 470 MHz
Signaling type:	FM and TDMA
Model(s) Tested:	H98QDD9PW5AN (MNUE1005A)
Model(s) Certified:	H98QDD9PW5AN (MNUE1005A)
Serial Number(s):	NUE1006A0052, NUE1006A0043
Classification:	Occupational/Controlled
FCC ID:	AZ489FT4899
FCC Rule Part(s):	90 (406.1 - 470 MHz)
IC:	109U-89FT4899
IC standard(s):	RSS 102 issue 4; Safety Code 6

* Refer to section 15 of part 1 for highest SAR summary results.

The test results clearly demonstrate compliance with FCC Occupational/Controlled RF Exposure limits of 8 W/kg averaged over 1 gram per the requirements of 47 CFR 2.1093(d). The 10 grams result is not applicable to FCC filing.
The test results clearly demonstrate compliance with ICNIRP (1998) Guidelines for limiting exposure in time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz), Health Physics 74, 494-522 RF Exposure limits of 10 W/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 3.0 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
Deanna Zakharia
EMS EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 10/1/2010

Certification Date:

Certification No.:

Appendix D
Test System Verification Scans

The SAR result indicated on the Manufacture's Calibrated certificates for dipoles D450V2 S/N 1001 and D450V2 S/N 1002 were not used due to the following:

-- The IEEE 1528-2003 and the FCC OET-65 Supplement C, System Verification section indicated that "The measured 1-g SAR should be within 10% of the expected target values specified for the specific phantom and RF source used in the system verification measurement."

-- SPEAG calibration certificate indicates that the allowed tolerance for this dipole is higher than +/- 10% (e.g. 5.05 +/-18.1% at k=2 for the D450V2 S/N 1001, and 5.03 +/- 18.1% at k=2 for the D450V2 S/N 1002).

-- The allowed tolerance for the probes is also higher than +/- 10% (e.g. 13.3% at k=2 at 450 MHz for the probe being used to assess this product).

Due to probe, dipole and system tolerances noted above, the lab averages dipole results across multiple probes to establish a set of averaged targets for each dipole using the following procedure:
• The System Validation was conducted per IEEE1528-2003 and IEC62209-2 Edition 1.0 2010-03 standards using the simulated head tissue and multiple probes that are available and applicable for the dipole under test to verify the System Validation. Results for this dipole are within the measurement system uncertainty of the reference SAR values indicated within IEC62209-2 Edition 1.0 2010-03 when using flat phantom with 2mm thickness is used. These results then are averaged and used as the target for the daily system performance check when the simulated head tissue is used.
• The dipole targets for the body are set immediately following the same process noted above. Since there is no standard referencing the SAR values for the System Validation using the simulated body tissue, the compliant System Validation results using the simulated head tissue are used to justify the use of the System Validation results using the simulated body tissue due to the same setup except for the simulated tissue type.

The targets set in this report were conducted following the above process.

Note that the targets set for the tested dipole, when using the simulated head tissue, meets the requirement for the system validation per IEEE1528-2003, IEC62209-2 Edition 1.0 2010-03 standards, and the difference between this result and the result from the manufacture's dipole calibration certificate is up to 8.9% for 450 dipole which is well within the measurement uncertainty of the measurement system at k=2.

To assess the isotropic characteristics of the measurement probe, a probe rotation was performed using the "Rotation (1D)" function in the DASY software with a measured isotropy tolerance of +/- 0.5dB.

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Date/Time: 7/27/2010 1:38:04 PM

Robot# / Run#: DASY4-FL-2 / JsT-SYSP-450H-100727-01
Phantom# / Tissue Temp.: OVAL1011 / 20.9 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.58 mW/g	(1g)
Adjusted SAR (1W):	4.44 mW/g	(1g)
Percent from Target (+/-):	3.1 %	(1g)
Rotation (1D):	0.031 dB	

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 1.11 mW/g (1g); 0.730 mW/g (10g)

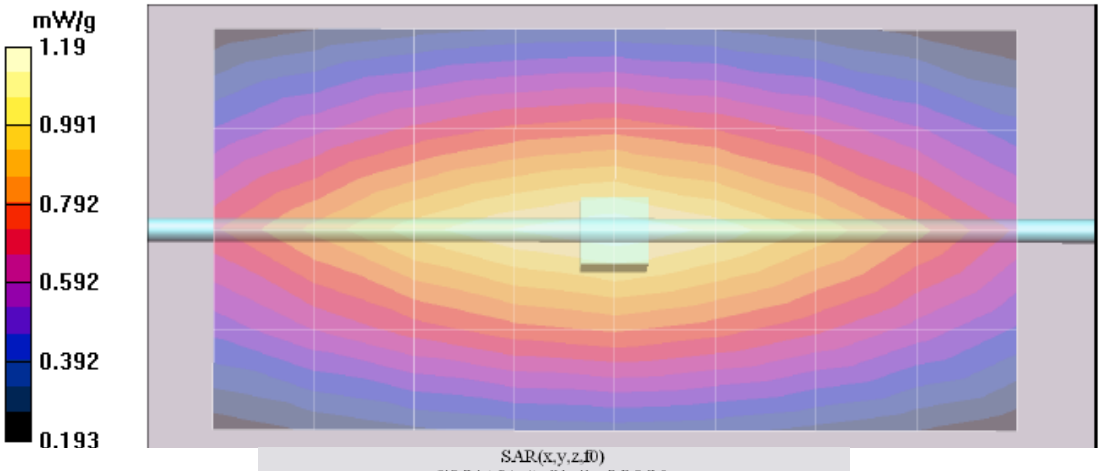
Comments:

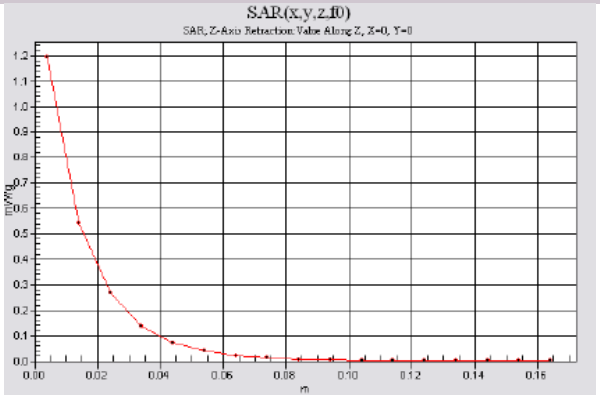
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.87 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.1 V/m; Power Drift = 0.00537 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.730 mW/g
Maximum value of SAR (measured) = 1.19 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.20 mW/g





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Date/Time: 7/28/2010 6:21:25 AM

Robot# / Run#: DASY4-FL-2 / ErC-SYSP-450H-100728-01
Phantom# / Tissue Temp.: OVAL1011 / 20.5 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.58 mW/g (1g)
Adjusted SAR (1W): 4.48 mW/g (1g)
Percent from Target (+/-): 2.2 % (1g)
Rotation (1D): 0.039 dB

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 1.12 mW/g (1g); 0.736 mW/g (10g)

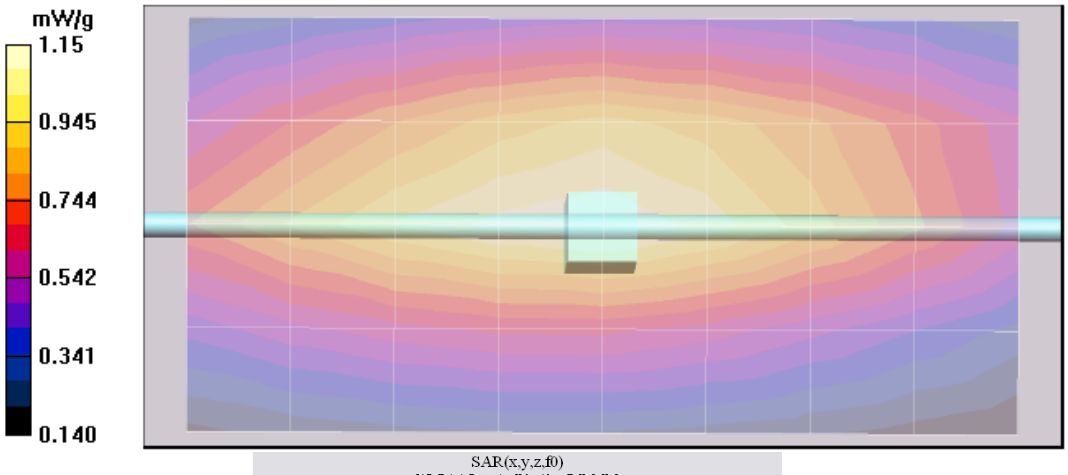
Comments:

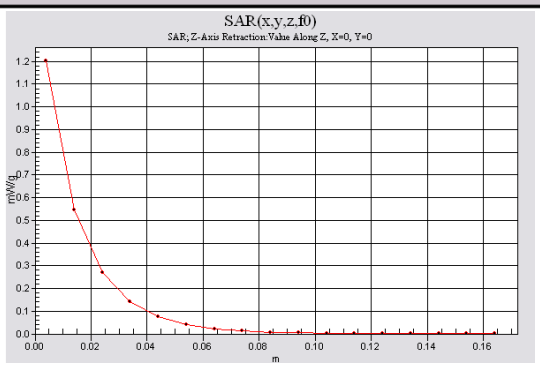
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.86 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.6 V/m; Power Drift = -0.00645 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (measured) = 1.20 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 mW/g

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





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Date/Time: 7/29/2010 11:33:57 AM

Robot# / Run#: DASY4-FL-2 / JsT-SYSP-450H-100729-01
Phantom# / Tissue Temp.: OVAL1011 / 20.4 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.58 mW/g	(1g)
Adjusted SAR (1W):	4.56 mW/g	(1g)
Percent from Target (+/-):	0.4 %	(1g)
Rotation (1D):	0.036 dB	

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 1.14 mW/g (1g); 0.746 mW/g (10g)

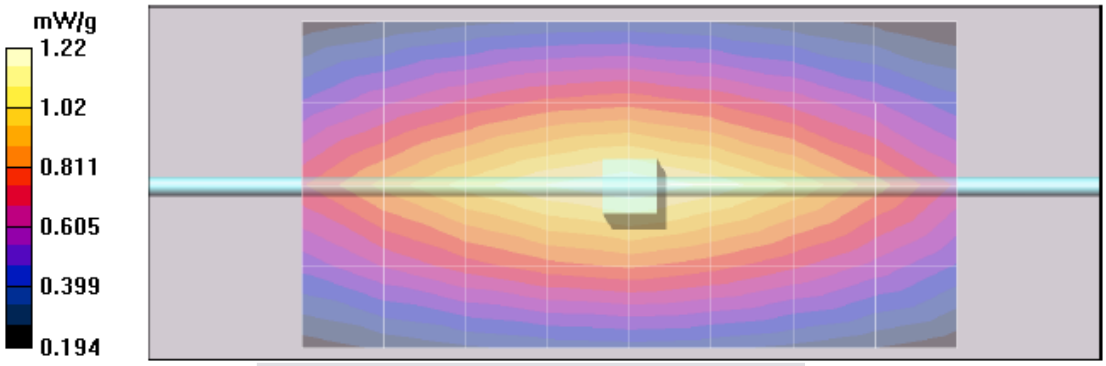
Comments:

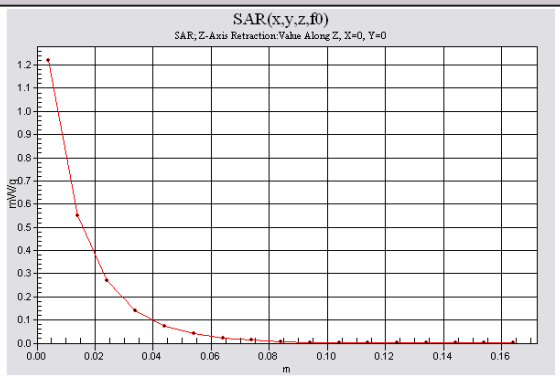
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.87 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.7 V/m; Power Drift = -0.0156 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.746 mW/g
Maximum value of SAR (measured) = 1.22 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm

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





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Date/Time: 7/30/2010 1:23:48 AM

Robot# / Run#: DASY4-FL-2 / MeC-SYSP-450H-100730-01
Phantom# / Tissue Temp.: OVAL1011 / 20.6 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.58 mW/g (1g)
Adjusted SAR (1W): 4.60 mW/g (1g)
Percent from Target (+/-): 0.4 % (1g)
Rotation (1D): 0.034 dB

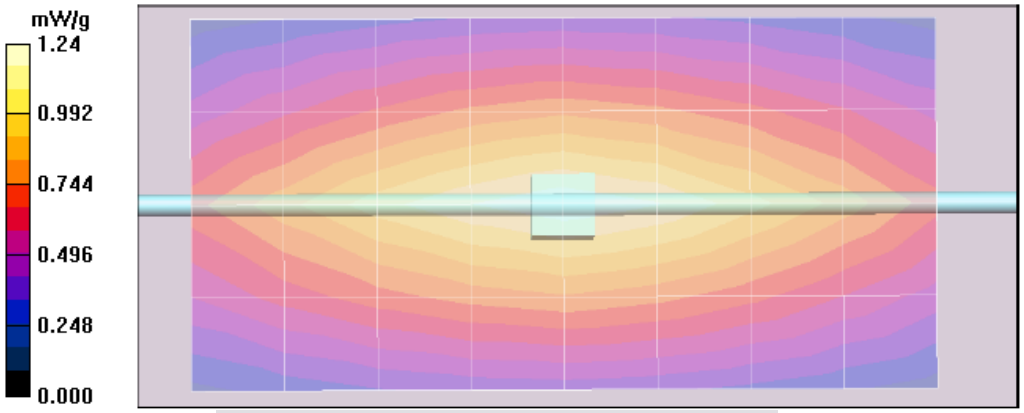
Note: Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

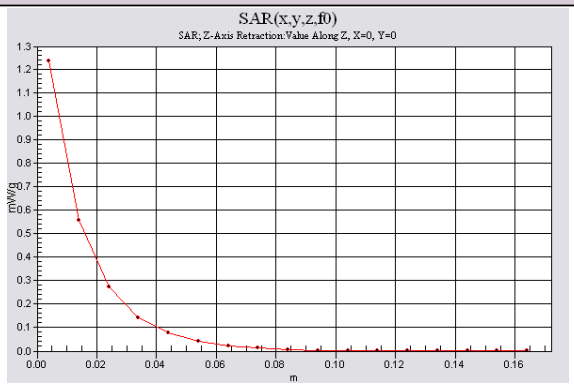
Reported SAR: 1.15 mW/g (1g); 0.754 mW/g (10g)

Comments:
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.88 mho/m; ε_r = 42.6; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.6 V/m; Power Drift = -0.0273 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.754 mW/g
Maximum value of SAR (measured) = 1.23 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.24 mW/g





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Date/Time: 7/31/2010 10:21:41 AM

Robot# / Run#: DASY4-FL-2 / MeC-SYSP-450H-100731-01
Phantom# / Tissue Temp.: OVAL1011 / 20.7 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.58 mW/g (1g)
Adjusted SAR (1W): 4.60 mW/g (1g)
Percent from Target (+/-): 0.4 % (1g)
Rotation (1D): 0.036 dB

Note: Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

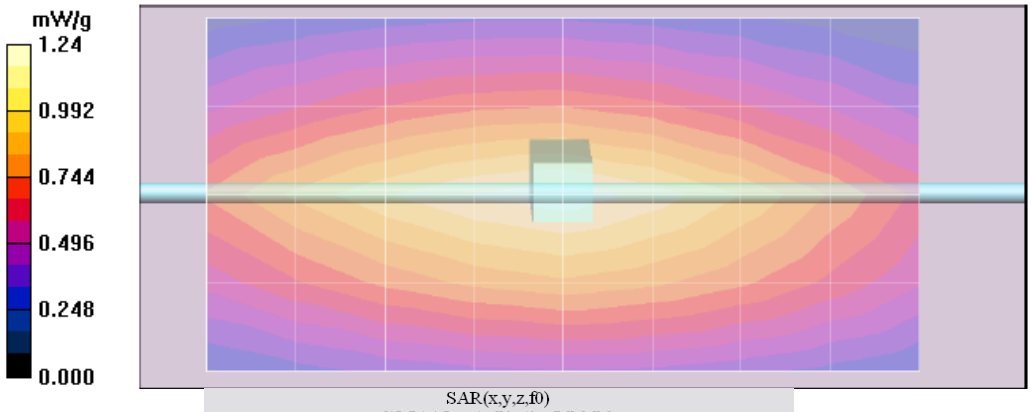
Reported SAR: 1.15 mW/g (1g); 0.757 mW/g (10g)

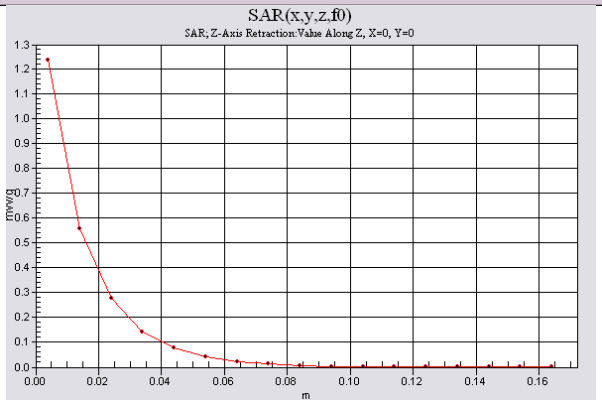
Comments:

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 mho/m; ε_r = 42.9; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.4 V/m; Power Drift = 0.0339 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.757 mW/g
Maximum value of SAR (measured) = 1.23 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





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Date/Time: 8/1/2010 11:27:14 AM

Robot# / Run#: DASY4-FL-2 / MeC-SYSP-450B-100801-01
Phantom# / Tissue Temp.: OVAL1018 / 21.3 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.40 mW/g (1g)
Adjusted SAR (1W): 4.12 mW/g (1g)
Percent from Target (+/-): 6.4 % (1g)
Rotation (1D): 0.056 dB

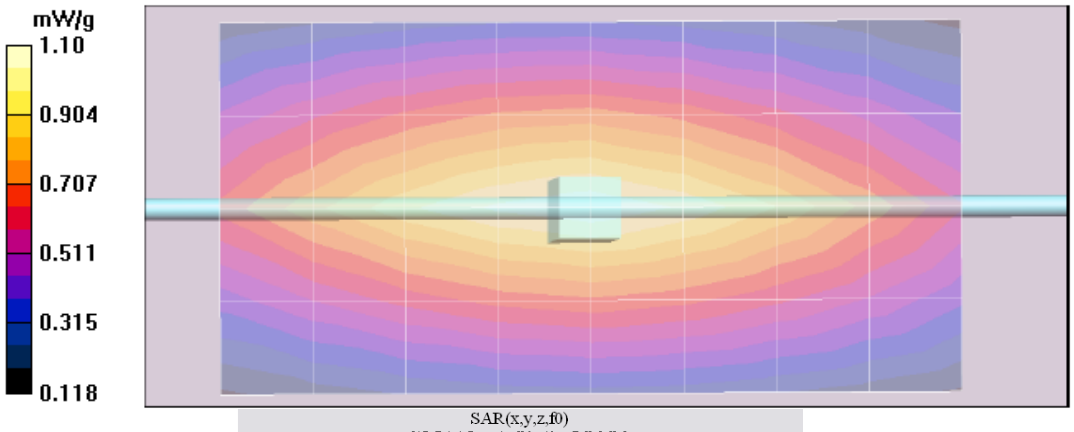
Note: Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

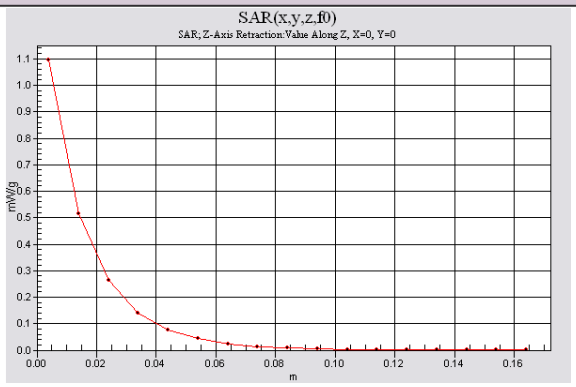
Reported SAR: 1.03 mW/g (1g); 0.685 mW/g (10g)

Comments:
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.93 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.7 V/m; Power Drift = -0.0124 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.683 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





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Date/Time: 8/2/2010 5:47:09 AM

Robot# / Run#: DASY4-FL-2 / ErC-SYSP-450B-100802-01
Phantom# / Tissue Temp.: OVAL1018 / 21.2 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.40 mW/g (1g)
Adjusted SAR (1W): 4.12 mW/g (1g)
Percent from Target (+/-): 6.4 % (1g)
Rotation (1D): 0.034 dB

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

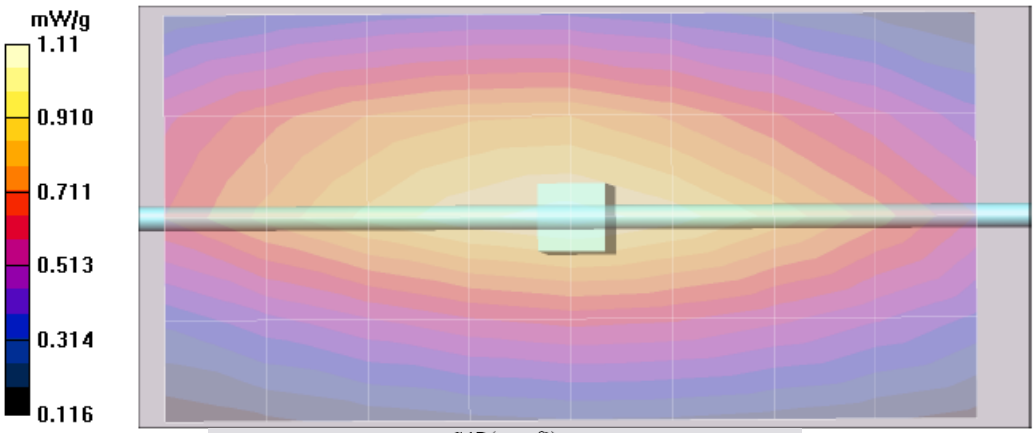
Reported SAR: 1.03 mW/g (1g); 0.687 mW/g (10g)

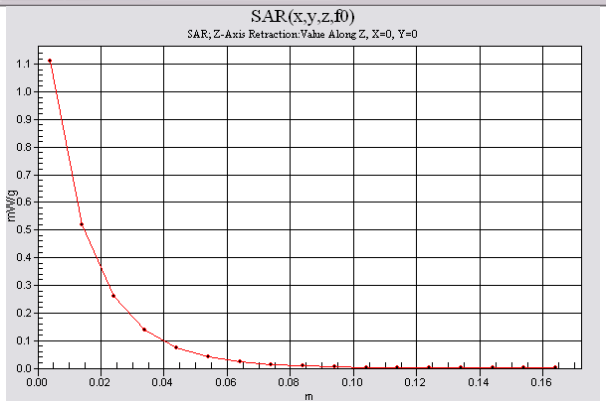
Comments:

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.95 mho/m; ε_r = 56.3; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.5 V/m; Power Drift = 0.0121 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.687 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





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Date/Time: 8/3/2010 6:01:55 AM

Robot# / Run#: DASY4-FL-2 / ErC-SYSP-450B-100803-01
Phantom# / Tissue Temp.: OVAL1018 / 20.9 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.40 mW/g (1g)
Adjusted SAR (1W): 4.24 mW/g (1g)
Percent from Target (+/-): 3.6 % (1g)
Rotation (1D): 0.056 dB

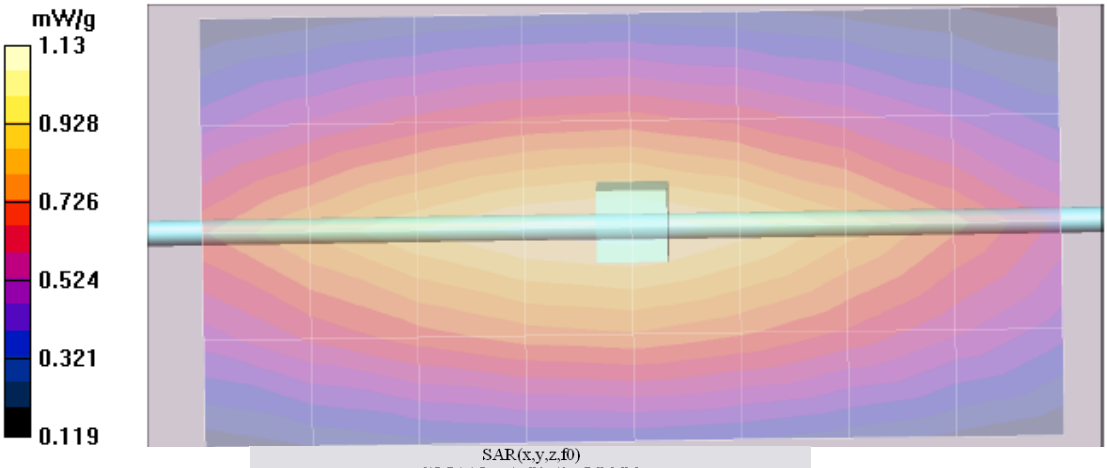
Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

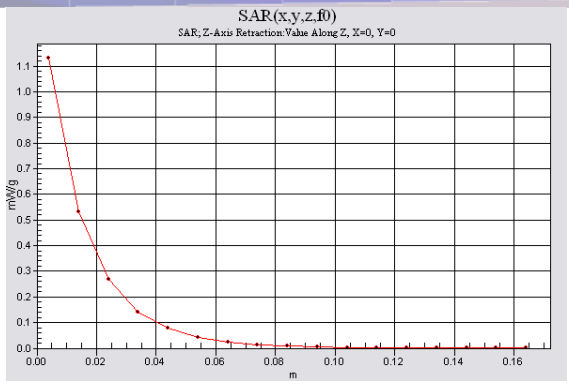
Reported SAR: 1.06 mW/g (1g); 0.706 mW/g (10g)

Comments:
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.93 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.3 V/m; Power Drift = 0.00741 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 8/4/2010 6:33:04 AM

Robot# / Run#: DASY4-FL-2 / ErC-SYSP-450B-100804-01
Phantom# / Tissue Temp.: OVAL1018 / 21.1 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.40 mW/g (1g)
Adjusted SAR (1W): 4.16 mW/g (1g)
Percent from Target (+/-): 5.5 % (1g)
Rotation (1D): 0.041 dB

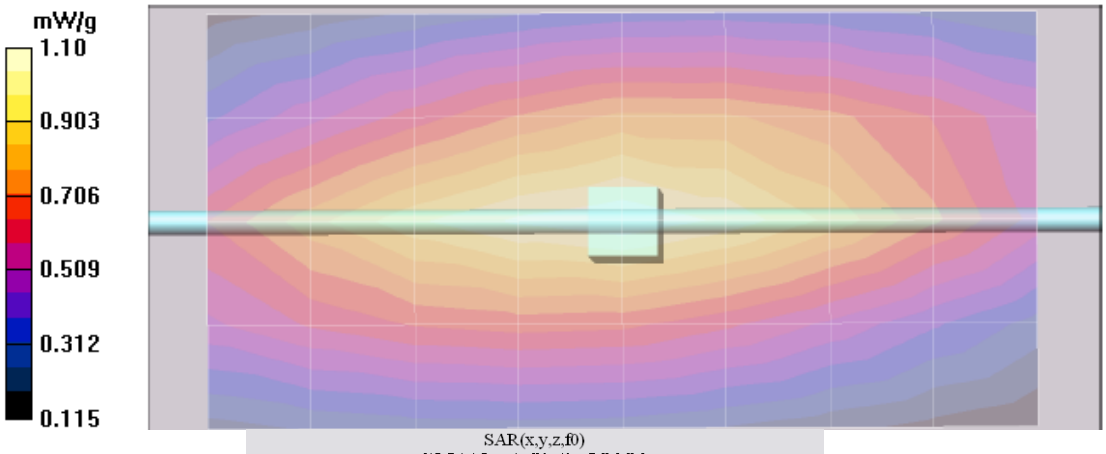
Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

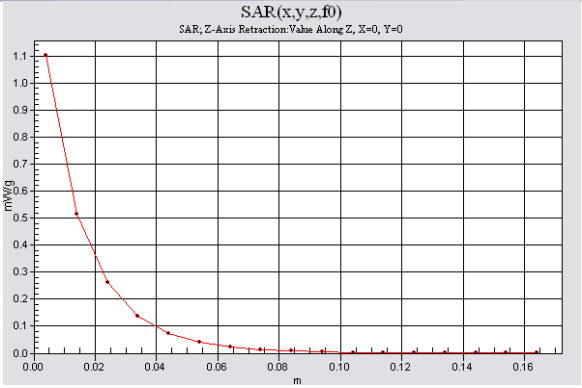
Reported SAR: 1.04 mW/g (1g); 0.687 mW/g (10g)

Comments:
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.93 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.7 V/m; Power Drift = -0.00185 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.685 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 8/5/2010 6:42:02 AM

Robot# / Run#: DASY4-FL-2 / JsT-SYSP-450B-100805-01
Phantom# / Tissue Temp.: OVAL1018 / 20.7 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.40 mW/g	(1g)
Adjusted SAR (1W):	4.12 mW/g	(1g)
Percent from Target (+/-):	6.4 %	(1g)
Rotation (1D):	0.039 dB	

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

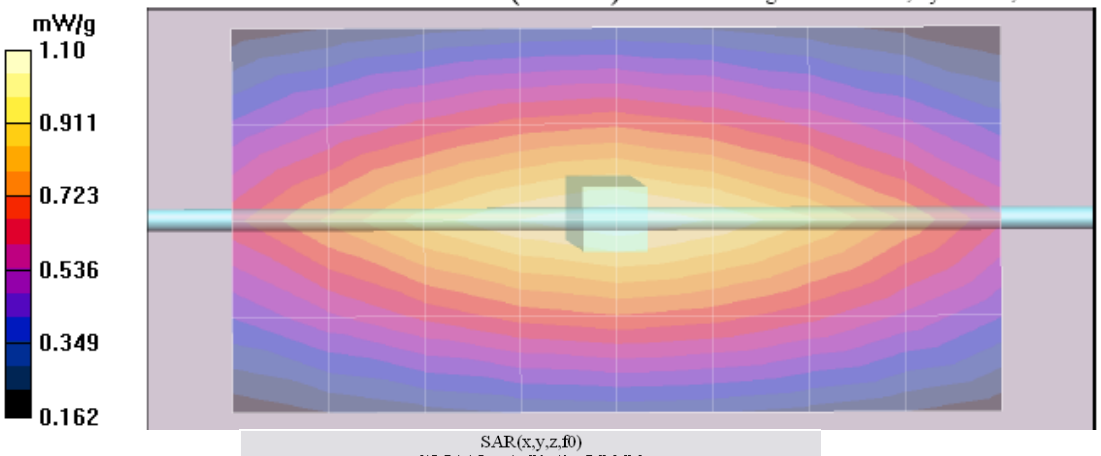
Reported SAR: 1.03 mW/g (1g); 0.682 mW/g (10g)

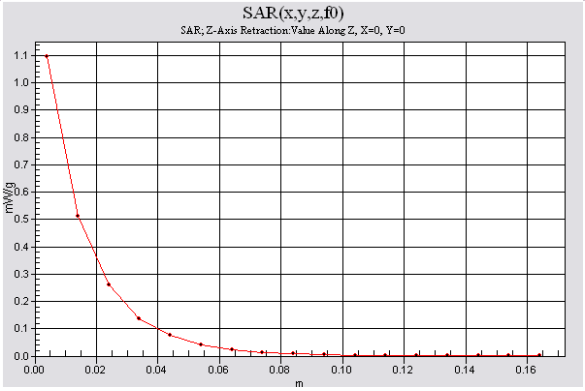
Comments:

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.93 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.7 V/m; Power Drift = -0.00831 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.680 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 8/6/2010 6:55:27 AM

Robot# / Run#: DASY4-FL-2 / JsT-SYSP-450B-100806-01
Phantom# / Tissue Temp.: OVAL1018 / 20.6 (C)
Dipole Model# / Serial#: D450V2 / 1002
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.40 mW/g	(1g)
Adjusted SAR (1W):	4.12 mW/g	(1g)
Percent from Target (+/-):	6.4 %	(1g)
Rotation (1D):	0.033 dB	

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 1.03 mW/g (1g); 0.682 mW/g (10g)

Comments:

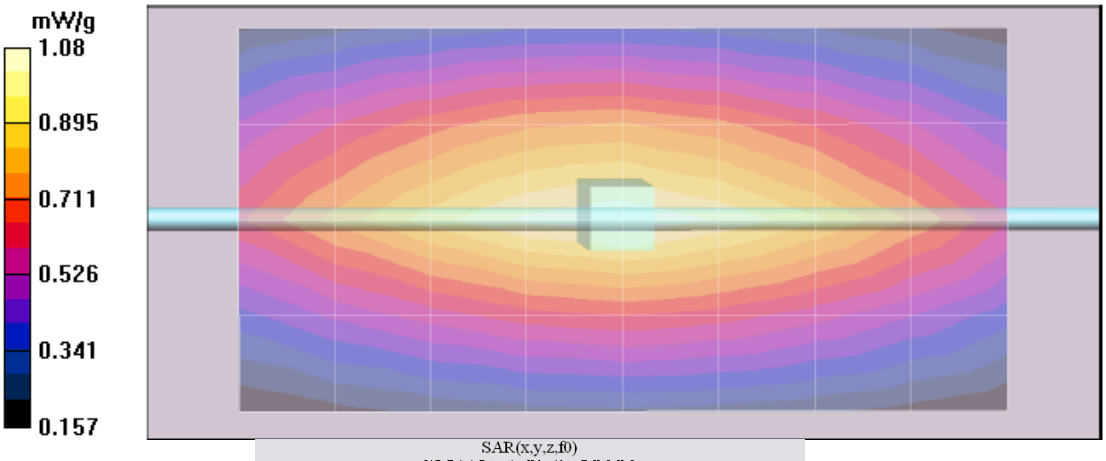
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010

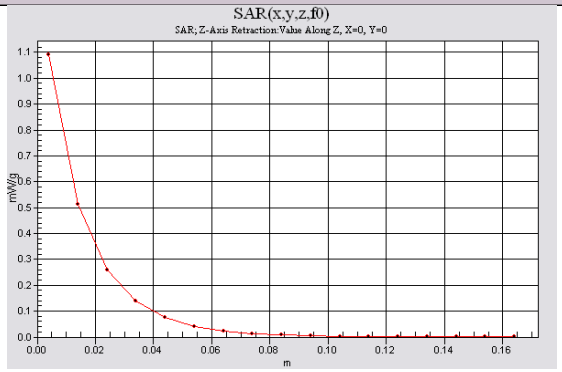
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.92 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.7 V/m; Power Drift = 0.00979 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.678 mW/g
Maximum value of SAR (measured) = 1.09 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm

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





Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 9/2/2010 4:57:23 PM

Robot# / Run#: DASY4-FL-2 / MeC-SYSP-450H-100902-01
Phantom# / Tissue Temp.: OVAL1011 / 20.9 (C)
Dipole Model# / Serial#: D450V2 / 1001
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.72 mW/g (1g)
Adjusted SAR (1W): 4.80 mW/g (1g)
Percent from Target (+/-): 1.7 % (1g)
Rotation (1D): 0.036 dB

Note: Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

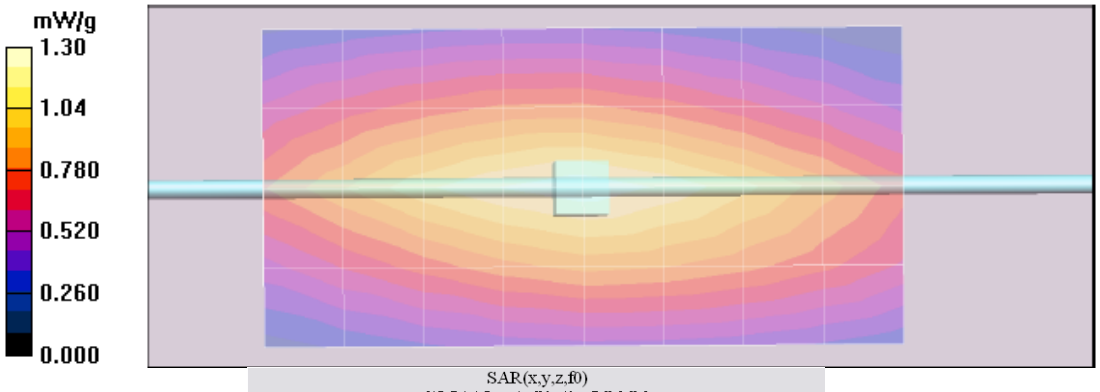
Reported SAR: 1.20 mW/g (1g); 0.789 mW/g (10g)

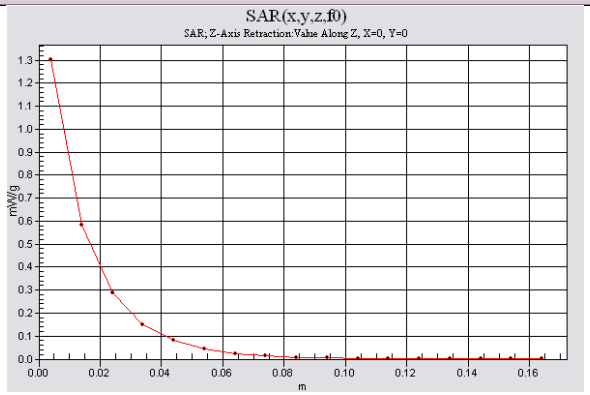
Comments:

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.1 V/m; Power Drift = 0.0491 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.789 mW/g
Maximum value of SAR (measured) = 1.29 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 9/16/2010 6:13:56 AM

Robot# / Run#: DASY4-FL-2 / JsT-SYSP-450B-100916-01
Phantom# / Tissue Temp.: OVAL1018 / 21.8 (C)
Dipole Model# / Serial#: D450V2 / 1001
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.32 mW/g	(1g)
Adjusted SAR (1W):	4.24 mW/g	(1g)
Percent from Target (+/-):	1.9 %	(1g)
Rotation (1D):	0.04 dB	

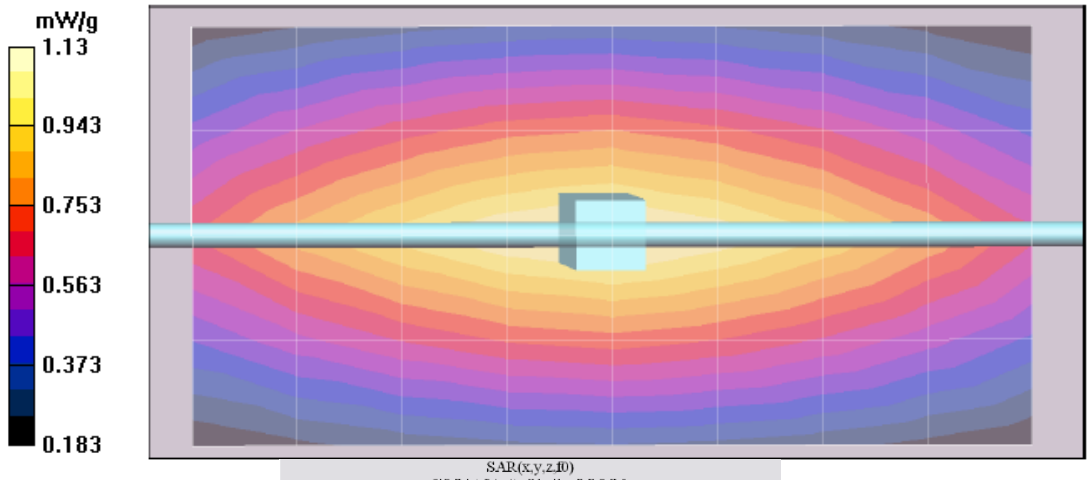
Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

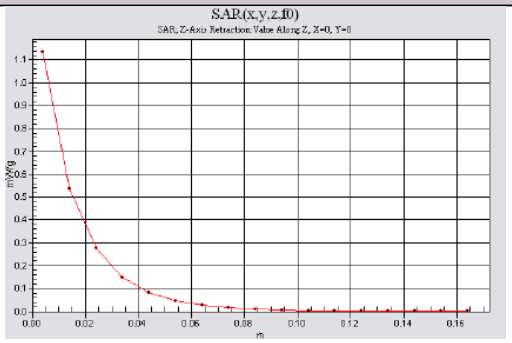
Reported SAR: 1.06 mW/g (1g); 0.708 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.94 mho/m; ε_r = 54; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.0 V/m; Power Drift = 0.00791 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.708 mW/g
Maximum value of SAR (measured) = 1.13 mW/g
System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 9/20/2010 8:27:26 AM

Robot# / Run#: DASY4-FL-2 / JsT-SYSP-450B-100920-01
Phantom# / Tissue Temp.: OVAL1018 / 20.7 (C)
Dipole Model# / Serial#: D450V2 / 1001
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.32 mW/g	(1g)
Adjusted SAR (1W):	4.36 mW/g	(1g)
Percent from Target (+/-):	0.9 %	(1g)
Rotation (1D):	0.039 dB	

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 1.09 mW/g (1g); 0.730 mW/g (10g)

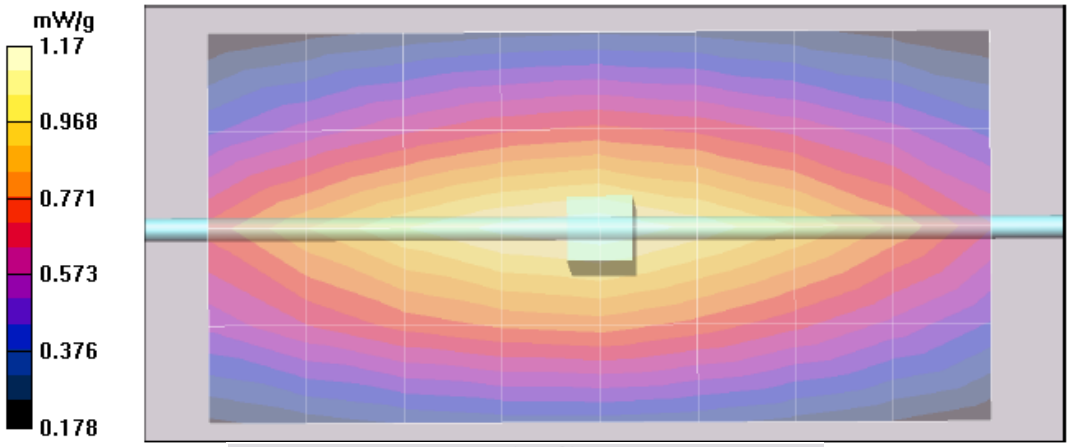
Comments:

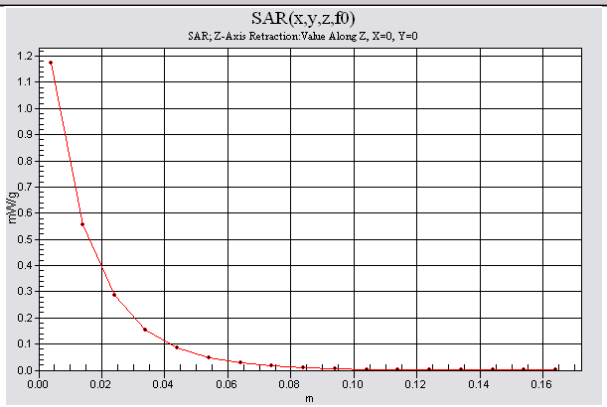
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.96 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3

System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.3 V/m; Power Drift = 0.0215 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.730 mW/g
Maximum value of SAR (measured) = 1.17 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm

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





DIPOLE SAR TARGET - HEAD

Date:	10/28/09	Frequency (MHz):	450
Lab Location:	FL08-G&PS	Mixture Type:	IEEE Head
DAE Serial #:	850	Ambient Temp.(°C):	22

Tissue Characteristics			
Permitivity:	43.6	Phantom Type/SN:	OVAL1011
Conductivity:	0.87	Distance (mm):	15
Tissue Temp.(°C):	20		

Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	1002		

Target 1g-SAR Value (mW/g, normalized to 1.0 W):

4.58

Difference from Target

0.00% (1g-SAR)

New Target:

Average 1g-SAR Value (mW/g):	4.58

Passes K=2

Percent Difference From Target (MUST be within k=2 Uncertainty):

Probe SN #s	1g-SAR (Cube)	Diff from Ave	Robot
3007	4.60	*0.4%*	R1
3163	4.56	*-0.4%*	R1
Average	**4.5800**	New Measured SAR Value	

(normalized to 1.0 W)

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

DIPOLE SAR TARGET - BODY

Date:	**10/28/09**	Frequency (MHz):	**450**
Lab Location:	FL08-G&PS	Mixture Type:	**Body**
DAE Serial #:	850	Ambient Temp.(°C):	22

Tissue Characteristics

Permitivity:	58.4	Phantom Type/SN:	OVAL1016
Conductivity:	0.97	Distance (mm):	15
Tissue Temp.(°C):	20.1		

Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	**1002**		

New Target:

Average Measured SAR Value: **4.40** mW/g(1g avg.),

Probe SN #s	1-G Cube	Diff from Ave	Robot
3163	4.32	*-1.8%*	R1
3007	4.48	*1.8%*	R1
Average		New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: **Ed Church** Initial: EC

DIPOLE SAR TARGET - HEAD

Date:	06/09/10	Frequency (MHz):	450
Lab Location:	FL08	Mixture Type:	IEEE Head
DAE Serial #:	729	Ambient Temp.(°C):	22
Tissue Characteristics			
Permitivity:	42.6	Phantom Type/SN:	OVAL1021
Conductivity:	0.90	Distance (mm):	15
Tissue Temp.(°C):	20.5		
Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	1001		

Target 1g-SAR Value (mW/g, normalized to 1.0 W): 4.58

Difference from Target: 3.06% (1g-SAR)

New Target:

Average 1g-SAR Value (mW/g):	4.72

Passes K=2

Percent Difference From Target (MUST be within k=2 Uncertainty):

Probe SN #s	1g-SAR (Cube)	Diff from Ave	Robot
3147	4.60	-2.5%	R2
3007	4.84	2.5%	R2
3163	4.72	0.0%	R2
Average	4.7200	New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: Ed Church Initial: E, C

DIPOLE SAR TARGET - BODY

Date:	06/09/10	Frequency (MHz):	**450**
Lab Location:	FL08	Mixture Type:	**Body**
DAE Serial #:	729	Ambient Temp.(°C):	21.8

Tissue Characteristics

Permitivity:	54.8	Phantom Type/SN:	OVAL1018
Conductivity:	0.91	Distance (mm):	15
Tissue Temp.(°C):	20.9		

Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	**1001**		

New Target:

Average Measured SAR Value: **4.32** mW/g(1g avg.),

Probe SN #s	1-G Cube	Diff from Ave	Robot
3163	4.24	*-1.9%*	R2
3007	4.52	*4.6%*	R2
3147	4.20	*-2.8%*	R2
Average		New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: **Ed Church** Initial: EC

Appendix E
FCC Part 90 (406.1 – 470 MHz)
DUT Scans (Shortened Scan and Highest SAR configurations)

Shortened Scan Result
(Section 13.3, Table 22)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 9/2/2010 9:43:03 PM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100902-06
Phantom# / Tissue Temp.: OVAL1011 / 21.1 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0043
Antenna / TX Freq.: FAF5259A / 406.1250 (MHz)
Battery: PMMN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.64 (W)

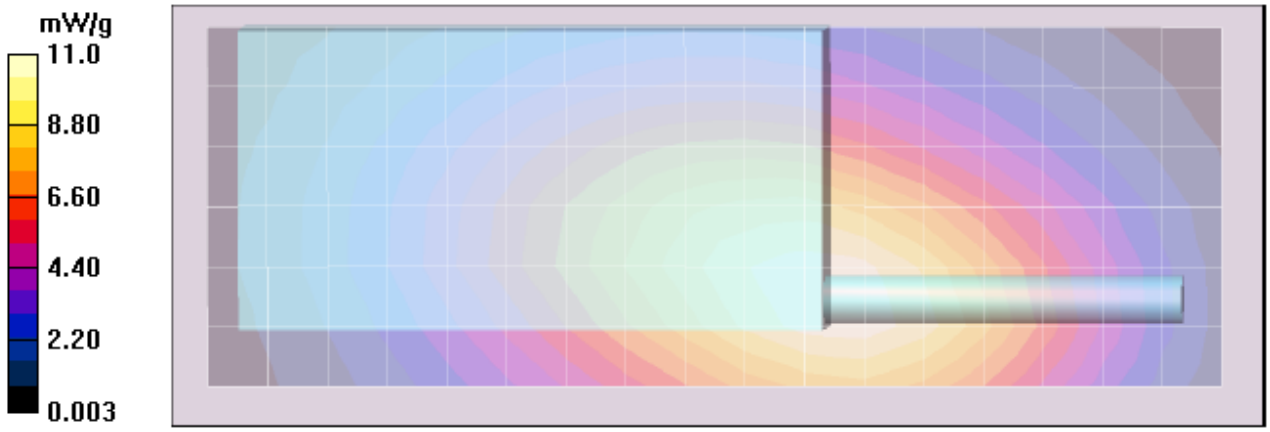
Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 10.90 mW/g (1g); 8.04 mW/g (10g)

Comments: Shorten Scan; Front DUT facing phantom.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.88 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3
Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 118.0 V/m; Power Drift = -0.417 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 10.9 mW/g; SAR(10 g) = 8.04 mW/g
Maximum value of SAR (measured) = 11.5 mW/g

Shortened scan reflect highest SAR producing configuration; approximate run time 8 minutes. Representative full scan run time was 22 minutes
"Shortened" scan max calculated SAR using SAR drift: 1-g Avg. = 6.06 mW/g; 10-g Avg. = 4.47 mW/g
Full scan max calculated SAR using SAR drift (see part 1 section 13.3): 1-g Avg. = 6.16 mW/g; 10-g Avg. = 4.60mW/g



Body - Highest SAR Configuration Result for Body-worn (Section 13.2, Table 18)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 9/20/2010 9:30:35 AM

Robot# / Run#: DASY4-FL-2 / JsT-Ab-100920-02
Phantom# / Tissue Temp.: OVAL1018 / 20.9 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0043
Antenna / TX Freq.: FAF5259A / 406.1250 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN9179A Belt Loop w/ D-Clip / RMN5058A
Start Power: 5.47 (W)

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 10.13 mW/g (1g); 3.97 mW/g (10g)

Comments: Full Scan; Rolled DUT so Extreme Inside and Middle Plastic Peaks between Battery Contacts Closest to Robot Touching Phantom.

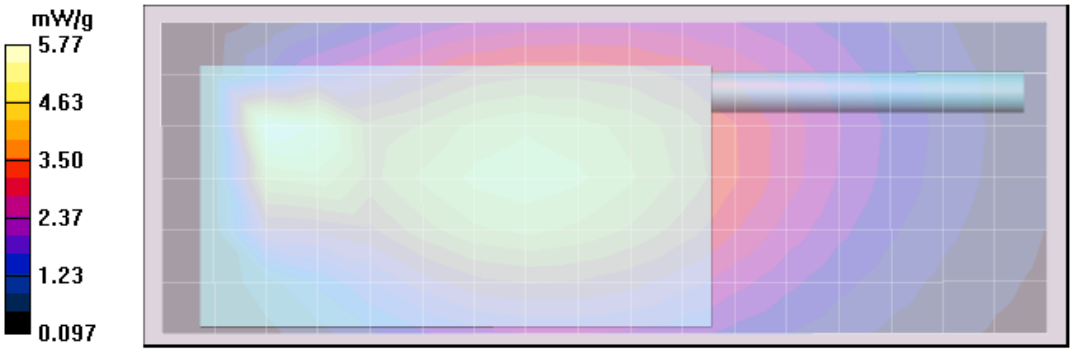
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.93 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 65.2 V/m; Power Drift = -0.384 dB
Motorola Fast SAR: SAR(1 g) = 6.71 mW/g; SAR(10 g) = 4.17 mW/g
Maximum value of SAR (interpolated) = 8.94 mW/g

Ab Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 65.2 V/m; Power Drift = -0.446 dB
Peak SAR (extrapolated) = 13.5 W/kg
Motorola Fast SAR: SAR(1 g) = 9.95 mW/g; SAR(10 g) = 5 mW/g
Maximum value of SAR (interpolated) = 13.5 mW/g

Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.2 V/m; Power Drift = -0.619 dB
Peak SAR (extrapolated) = 37.2 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 3.96 mW/g
Maximum value of SAR (measured) = 12.8 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 12.7 mW/g



Highest SAR Configuration Result for PSM
(Section 13.2, Table 21)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 9/16/2010 1:44:11 PM

Robot# / Run#: DASY4-FL-2 / JsT-Ab-100916-09
Phantom# / Tissue Temp.: OVAL1018 / 20.8 (C)
DUT Model# / Serial#: H98QDD9PW5AN (MNUE1005A) / NUE1006A0052
Antenna / TX Freq.: FAF5259A / 438.1250 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: 4205823V01 PSM Belt Clip / PMMN4059A
Start Power: 5.50 (W)

Note:
Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 13.46 mW/g (1g); 8.38 mW/g (10g)

Comments: Full Scan; Tested with PMAE4065A Antenna on Radio;
"PSM" Power Output = 5.13 Watts

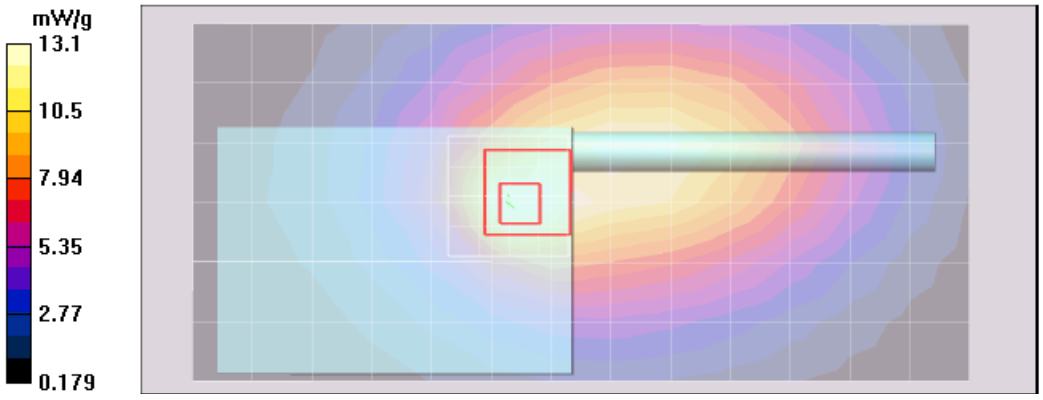
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: f = 438 MHz; σ = 0.93 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3

Ab Scan/1-Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 120.4 V/m; Power Drift = -0.274 dB
Motorola Fast SAR: SAR(1 g) = 12.7 mW/g; SAR(10 g) = 9.18 mW/g
Maximum value of SAR (interpolated) = 14.0 mW/g

Ab Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 120.4 V/m; Power Drift = -0.343 dB
Peak SAR (extrapolated) = 15.5 W/kg
Motorola Fast SAR: SAR(1 g) = 13.8 mW/g; SAR(10 g) = 9.12 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 (interpolated) = 15.5 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 120.4 V/m; Power Drift = -0.481 dB
Peak SAR (extrapolated) = 24.4 W/kg
SAR(1 g) = 13.4 mW/g; SAR(10 g) = 8.36 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) = 14.8 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 13.1 mW/g



Face - Highest SAR Configuration Result
(Section 13.1, Table 13)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/6/2010 6:25:25 PM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100806-11
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0043
Antenna / TX Freq.: FAF5259A / 406.1250 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.66 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 10.18 mW/g (1g); 7.59 mW/g (10g)

Comments: Full Scan; Front DUT facing phantom.

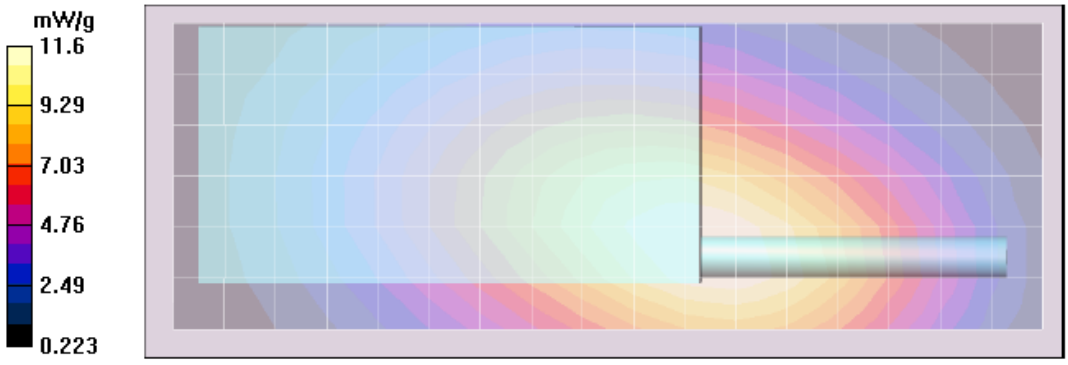
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.89 mho/m; ε_r = 45.9; ρ = 1000 kg/m^3

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 110.2 V/m; Power Drift = -0.525 dB
Motorola Fast SAR: SAR(1 g) = 11.2 mW/g; SAR(10 g) = 8.37 mW/g
Maximum value of SAR (interpolated) = 11.8 mW/g

Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 110.2 V/m; Power Drift = -0.623 dB
Peak SAR (extrapolated) = 10.8 W/kg
Motorola Fast SAR: SAR(1 g) = 10.3 mW/g; SAR(10 g) = 7.69 mW/g
Maximum value of SAR (interpolated) = 10.8 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 110.2 V/m; Power Drift = -0.801 dB
Peak SAR (extrapolated) = 13.2 W/kg
SAR(1 g) = 9.98 mW/g; SAR(10 g) = 7.47 mW/g
Maximum value of SAR (measured) = 10.4 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 10.3 mW/g



Appendix F
DUT Scans - FCC Part 90 (406.1-470 MHz)

Section 1.0
Assessments at the Face (CW mode) with antenna FAF5259A (Section 13.1 Table 12)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 7/28/2010 5:27:39 PM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100728-03
Phantom# / Tissue Temp.: OVAL1011 / 20.7 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: FAF5259A / 422.1250 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.62 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 7.49 mW/g (1g); 5.51 mW/g (10g)

Comments: Full Scan; Front DUT facing phantom.

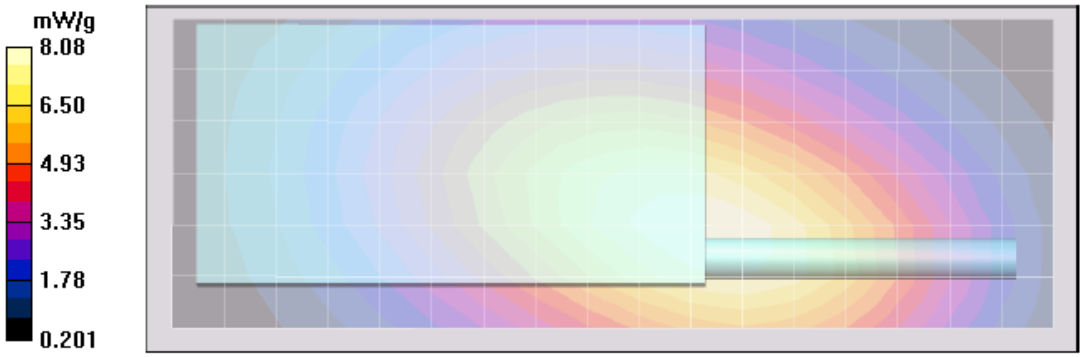
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.84 mho/m; ε_r = 42.9; ρ = 1000 kg/m^3

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 93.9 V/m; Power Drift = -0.247 dB
Motorola Fast SAR: SAR(1 g) = 7.74 mW/g; SAR(10 g) = 5.77 mW/g
Maximum value of SAR (interpolated) = 8.11 mW/g

Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 93.9 V/m; Power Drift = -0.279 dB
Peak SAR (extrapolated) = 7.86 W/kg
Motorola Fast SAR: SAR(1 g) = 7.5 mW/g; SAR(10 g) = 5.59 mW/g
Maximum value of SAR (interpolated) = 7.86 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.9 V/m; Power Drift = -0.336 dB
Peak SAR (extrapolated) = 9.93 W/kg
SAR(1 g) = 7.39 mW/g; SAR(10 g) = 5.47 mW/g
Maximum value of SAR (measured) = 7.77 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.73 mW/g



Section 2.0
Assessments at the Face (CW mode) with antenna FAF5259A – Other Frequency channels (Section 13.1 Table 13)

(Same scan as indicated in Appendix E: Face - Highest SAR Configuration Result)

Section 3.0
Assessments at the Face (CW mode) with antenna PMAE4065A (Section 13.1 Table 14)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/29/2010 11:52:37 PM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100729-09
Phantom# / Tissue Temp.: OVAL1011 / 20.7 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: PMAE4065A / 422.1250 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.62 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 7.19 mW/g (1g); 5.31 mW/g (10g)

Comments: Full Scan; Front DUT facing phantom.

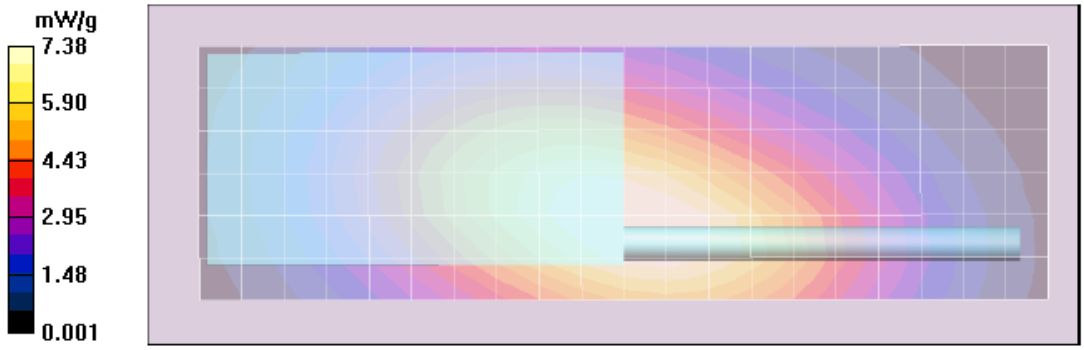
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.84 mho/m; ε_r = 43.2; ρ = 1000 kg/m^3

Face Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 89.1 V/m; Power Drift = -0.214 dB
Motorola Fast SAR: SAR(1 g) = 7.32 mW/g; SAR(10 g) = 5.46 mW/g
Maximum value of SAR (interpolated) = 7.67 mW/g

Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 89.1 V/m; Power Drift = -0.235 dB
Peak SAR (extrapolated) = 7.46 W/kg
Motorola Fast SAR: SAR(1 g) = 7.15 mW/g; SAR(10 g) = 5.33 mW/g
Maximum value of SAR (interpolated) = 7.46 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.1 V/m; Power Drift = -0.257 dB
Peak SAR (extrapolated) = 9.48 W/kg
SAR(1 g) = 7.09 mW/g; SAR(10 g) = 5.27 mW/g
Maximum value of SAR (measured) = 7.44 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.38 mW/g



Section 4.0
Assessments at the Face (CW mode) with antenna PMAE4065A – Other Frequency channels (Section 13.1 Table 15)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 9/2/2010 6:18:20 PM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100902-03
Phantom# / Tissue Temp.: OVAL1011 / 21.1 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: PMAE4065A / 406.0125 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.57 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 8.01 mW/g (1g); 5.84 mW/g (10g)

Comments: Full Scan; Front DUT facing phantom.

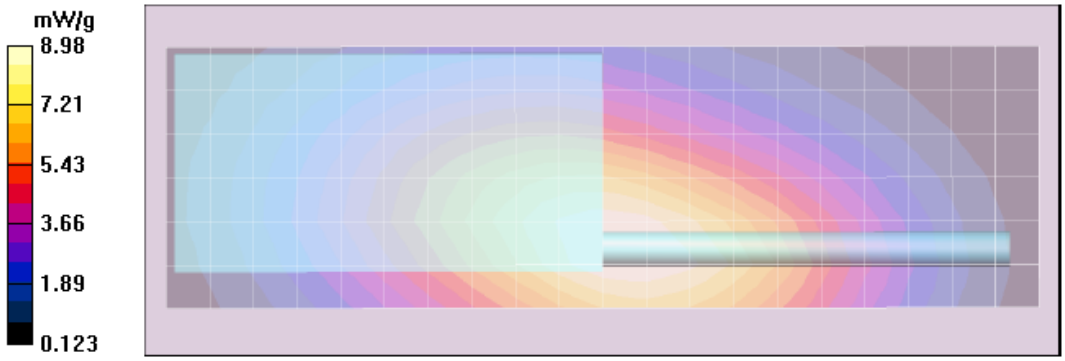
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.88 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3

Face Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 95.8 V/m; Power Drift = -0.319 dB
Motorola Fast SAR: SAR(1 g) = 8.71 mW/g; SAR(10 g) = 6.5 mW/g
Maximum value of SAR (interpolated) = 9.14 mW/g

Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 95.8 V/m; Power Drift = -0.399 dB
Peak SAR (extrapolated) = 8.61 W/kg
Motorola Fast SAR: SAR(1 g) = 8.22 mW/g; SAR(10 g) = 6.12 mW/g
Maximum value of SAR (interpolated) = 8.61 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.8 V/m; Power Drift = -0.484 dB
Peak SAR (extrapolated) = 11.0 W/kg
SAR(1 g) = 8.01 mW/g; SAR(10 g) = 5.84 mW/g
Maximum value of SAR (measured) = 8.43 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.49 mW/g



Section 5.0
Assessments at the Face (CW mode) with PSM PMMN4059A and antenna FAF5259A (Section 13.1 Table 16)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/31/2010 11:57:53 AM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100731-04
Phantom# / Tissue Temp.: OVAL1011 / 20.8 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: FAF5259A / 453.9875 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / PMMN4059A
Start Power: 5.62 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 6.55 mW/g (1g); 4.74 mW/g (10g)

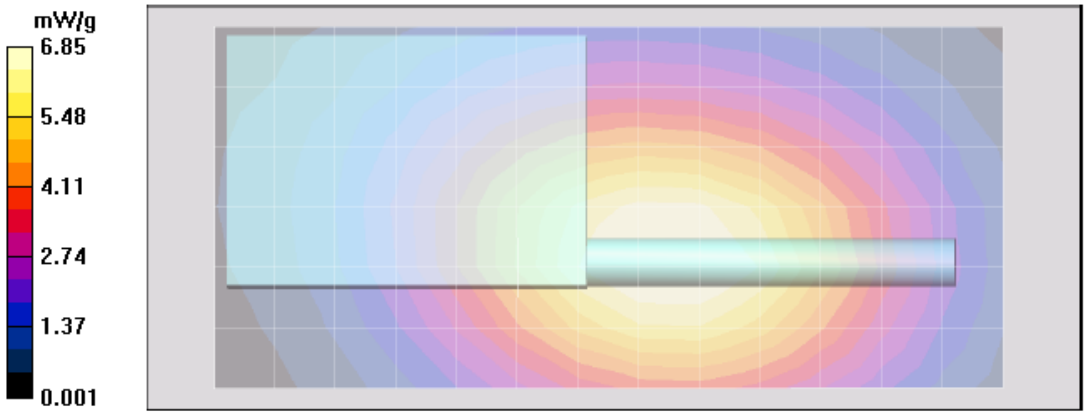
Comments: Full Scan; Front of PSM facing phantom.
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 454 MHz; σ = 0.9 mho/m; ε_r = 42.8; ρ = 1000 kg/m^3

Face Scan/1-Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 87.8 V/m; Power Drift = -0.171 dB
Motorola Fast SAR: SAR(1 g) = 6.92 mW/g; SAR(10 g) = 5.1 mW/g
Maximum value of SAR (interpolated) = 7.28 mW/g

Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 87.8 V/m; Power Drift = -0.228 dB
Peak SAR (extrapolated) = 7.07 W/kg
Motorola Fast SAR: SAR(1 g) = 6.75 mW/g; SAR(10 g) = 4.98 mW/g
Maximum value of SAR (interpolated) = 7.07 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 87.8 V/m; Power Drift = -0.350 dB
Peak SAR (extrapolated) = 8.92 W/kg
SAR(1 g) = 6.55 mW/g; SAR(10 g) = 4.74 mW/g
Maximum value of SAR (measured) = 6.90 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.85 mW/g



Section 6.0
Assessments at the Body (CW mode) with antenna FAF5259A
(Section 13.2 Table 17)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/2/2010 5:29:37 PM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-100802-17
Phantom# / Tissue Temp.: OVAL1018 / 21.5 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: FAF5259A / 422.1250 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN9179A / RMN5058A
Start Power: 5.66 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 5.46 mW/g (1g); 2.53 mW/g (10g)

Comments: Full Scan; Back of DUT facing phantom.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.92 mho/m; ε_r = 56.9; ρ = 1000 kg/m^3

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 51.0 V/m; Power Drift = -0.173 dB
Motorola Fast SAR: SAR(1 g) = 3.84 mW/g; SAR(10 g) = 2.61 mW/g
Maximum value of SAR (interpolated) = 4.23 mW/g

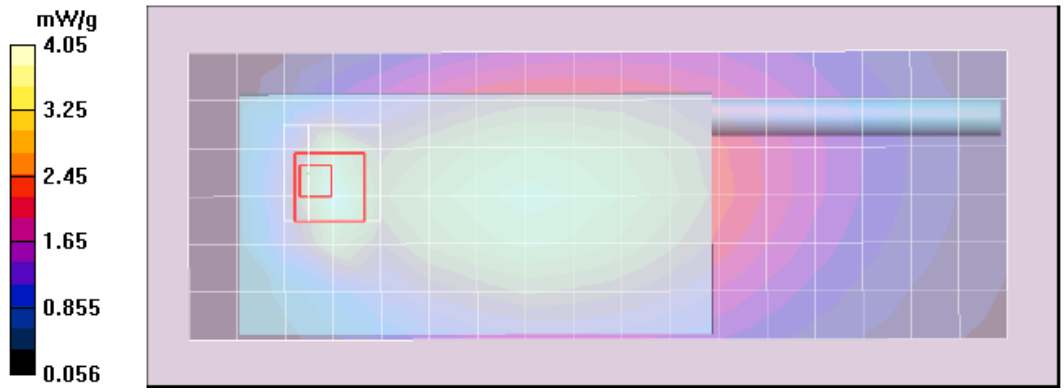
Ab Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 51.0 V/m; Power Drift = -0.198 dB
Peak SAR (extrapolated) = 6.98 W/kg
Motorola Fast SAR: SAR(1 g) = 5.28 mW/g; SAR(10 g) = 2.99 mW/g

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 (interpolated) = 6.98 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.0 V/m; Power Drift = -0.236 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 5.42 mW/g; SAR(10 g) = 2.52 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) = 6.37 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.60 mW/g



Section 7.0
Assessments at the Body (CW mode) with antenna FAF5259A – Other Frequency channels (Section 13.2 Table 18)

(Same scan as indicated in Appendix E: Body - Highest SAR Configuration Result for Body-worn)

Section 8.0
Assessments at the Body (CW mode) with antenna PMAE4065A
(Section 13.2 Table 19)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/4/2010 8:17:35 PM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-100804-12
Phantom# / Tissue Temp.: OVAL1018 / 21.0 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: PMAE4065A / 422.1250 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN9179A / RMN5058A
Start Power: 5.68 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 5.95 mW/g (1g); 2.36 mW/g (10g)

Comments: Full Scan; Back of DUT facing phantom.

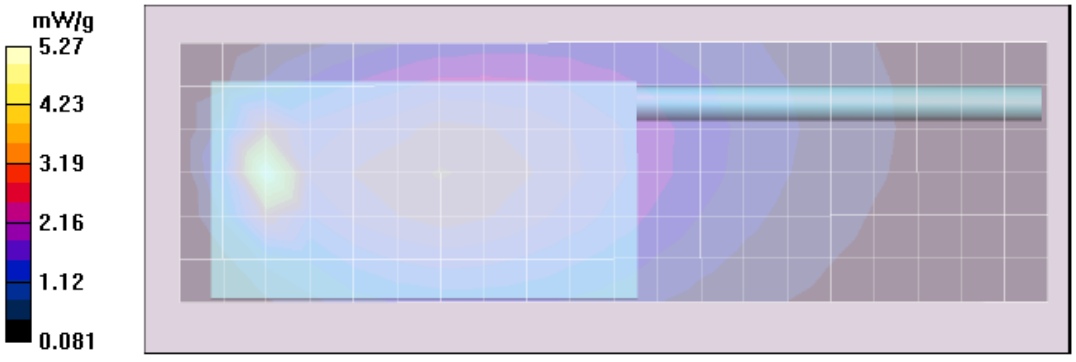
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.9 mho/m; ε_r = 56.8; ρ = 1000 kg/m^3

Ab Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 50.3 V/m; Power Drift = -0.0968 dB
Motorola Fast SAR: SAR(1 g) = 4.53 mW/g; SAR(10 g) = 2.64 mW/g
Maximum value of SAR (interpolated) = 5.42 mW/g

Ab Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 50.3 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 8.03 W/kg
Motorola Fast SAR: SAR(1 g) = 5.76 mW/g; SAR(10 g) = 2.84 mW/g
Maximum value of SAR (interpolated) = 8.03 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.3 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 21.6 W/kg
SAR(1 g) = 5.84 mW/g; SAR(10 g) = 2.34 mW/g
Maximum value of SAR (measured) = 6.30 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.15 mW/g



Section 9.0
Assessments at the Body (CW mode) with antenna PMAE4065A – Other Frequency channels (Section 13.2 Table 20)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/5/2010 3:56:03 PM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-100805-10
Phantom# / Tissue Temp.: OVAL1018 / 20.3 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: PMAE4065A / 406.1250 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN9179A Belt Loop w/ D-Clip / RMN5058A
Start Power: 5.74 (W)

Note: Prior to recording the Reported SAR values below, the Measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported SAR: 7.92 mW/g (1g); 3.18 mW/g (10g)

Comments: Full Scan; Back of DUT facing phantom.

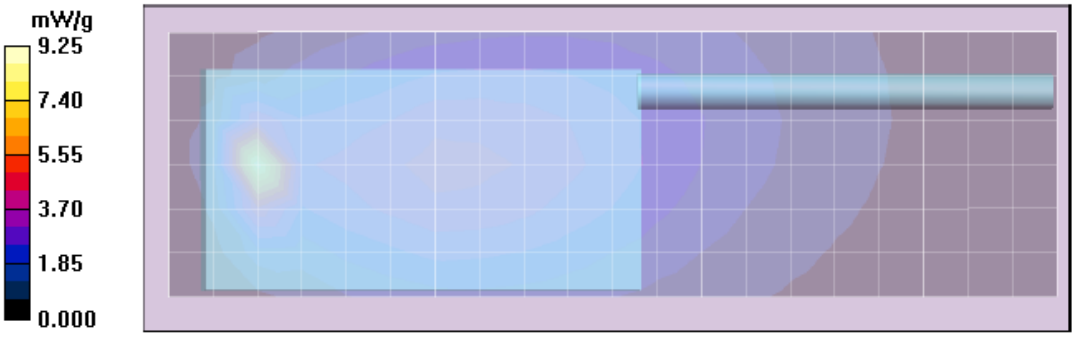
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 422 MHz; σ = 0.9 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3

Ab Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 57.5 V/m; Power Drift = -0.118 dB
Motorola Fast SAR: SAR(1 g) = 6.98 mW/g; SAR(10 g) = 3.76 mW/g
Maximum value of SAR (interpolated) = 8.98 mW/g

Ab Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 57.5 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 10.9 W/kg
Motorola Fast SAR: SAR(1 g) = 7.88 mW/g; SAR(10 g) = 3.89 mW/g
Maximum value of SAR (interpolated) = 10.9 mW/g

Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.5 V/m; Power Drift = -0.282 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 7.78 mW/g; SAR(10 g) = 3.15 mW/g
Maximum value of SAR (measured) = 8.16 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.25 mW/g



Section 10.0
Assessments at the Body (CW mode) with PSM PMMN4059A and antenna FAF5259A (Section 13.2 Table 21)

(Same scan as indicated in Appendix E: Highest SAR Configuration Result for PSM)

APPENDIX G
DUT Scans (380-470 MHz)

Data enclosed for this appendix is not applicable for FCC part 90

Section 1.0
Assessments at the Face (CW mode) with antenna FAF5259A
(Section 13.1 Table 12)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 7/28/2010 4:37:55 PM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100728-02
Phantom# / Tissue Temp.: OVAL1011 / 20.7 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: FAF5259A / 395.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.68 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 7.84 mW/g (1g); 5.76 mW/g (10g)

Comments: Full Scan; Front DUT facing phantom.

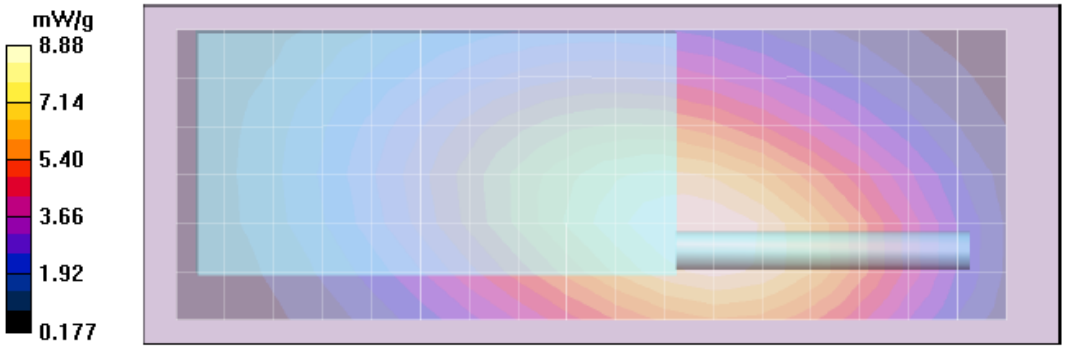
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 395 MHz; σ = 0.83 mho/m; ε_r = 43.8; ρ = 1000 kg/m^3

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 101.7 V/m; Power Drift = -0.503 dB
Motorola Fast SAR: SAR(1 g) = 8.56 mW/g; SAR(10 g) = 6.4 mW/g
Maximum value of SAR (interpolated) = 8.98 mW/g

Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 101.7 V/m; Power Drift = -0.600 dB
Peak SAR (extrapolated) = 8.38 W/kg
Motorola Fast SAR: SAR(1 g) = 8 mW/g; SAR(10 g) = 5.95 mW/g
Maximum value of SAR (interpolated) = 8.38 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.7 V/m; Power Drift = -0.768 dB
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 7.71 mW/g; SAR(10 g) = 5.71 mW/g
Maximum value of SAR (measured) = 8.09 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.93 mW/g



Section 2.0
Assessments at the Face (CW mode) with antenna FAF5259A – Other Frequency channels (Section 13.1 Table 13)

(Same scan as indicated in Appendix E: Face - Highest SAR Configuration Result)

Section 3.0
Assessments at the Face (CW mode) with antenna PMAE4065A
(Section 13.1 Table 14)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/29/2010 11:16:52 PM

Robot# / Run#: DASY4-FL-2 / MeC-Face-100729-08
Phantom# / Tissue Temp.: OVAL1011 / 20.7 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: PMAE4065A / 395.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.67 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 7.91 mW/g (1g); 5.82 mW/g (10g)

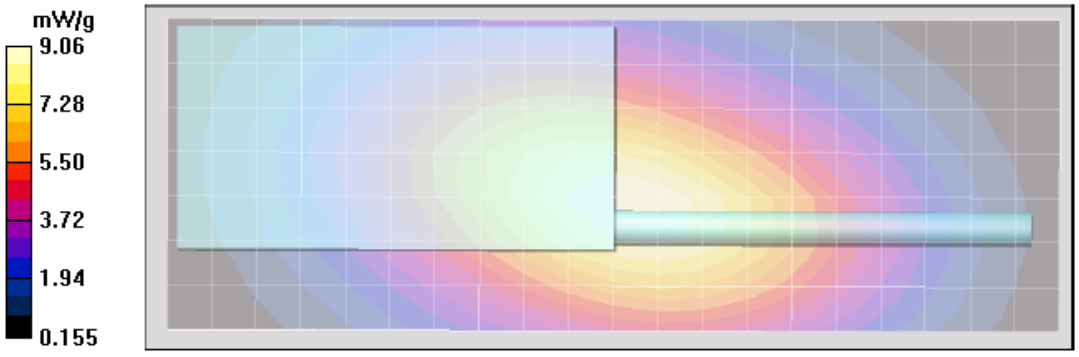
Comments: Full Scan; Front DUT facing phantom.
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.43, 6.43, 6.43)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 395 MHz; σ = 0.84 mho/m; ε_r = 44.1; ρ = 1000 kg/m^3

Face Scan/1-Area Scan (71x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 98.8 V/m; Power Drift = -0.547 dB
Motorola Fast SAR: SAR(1 g) = 8.72 mW/g; SAR(10 g) = 6.51 mW/g
Maximum value of SAR (interpolated) = 9.14 mW/g

Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 98.8 V/m; Power Drift = -0.619 dB
Peak SAR (extrapolated) = 8.44 W/kg
Motorola Fast SAR: SAR(1 g) = 8.04 mW/g; SAR(10 g) = 5.99 mW/g
Maximum value of SAR (interpolated) = 8.44 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 98.8 V/m; Power Drift = -0.772 dB
Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 7.81 mW/g; SAR(10 g) = 5.79 mW/g
Maximum value of SAR (measured) = 8.18 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.08 mW/g



Section 4.0
Assessments at the Face (CW mode) with antenna PMAE4065A – Other Frequency channels (Section 13.1 Table 15)

(Same scan as indicated in Appendix F – Section 4.0)

Section 5.0
Assessments at the Face (CW mode) with PSM PMMN4059A and antenna FAF5259A (Section 13.1 Table 16)

(Same scan as indicated in Appendix F – Section 5.0)

Section 6.0
Assessments at the Body (CW mode) with antenna FAF5259A
(Section 13.2 Table 17)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/2/2010 12:32:44 PM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-100802-10
Phantom# / Tissue Temp.: OVAL1018 / 21.5 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: FAF5259A / 395.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: HLN6875A / RMN5058A
Start Power: 5.67 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 8.49 mW/g (1g); 4.04 mW/g (10g)

Comments: Full Scan; Back of DUT facing phantom.

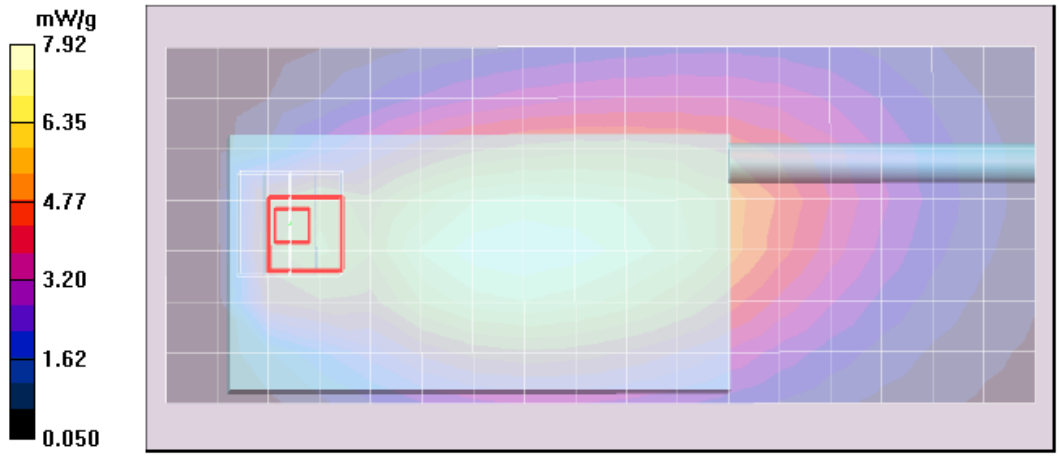
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 395 MHz; σ = 0.91 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

Ab Scan/1-Area Scan (71x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 75.6 V/m; Power Drift = -0.465 dB
Motorola Fast SAR: SAR(1 g) = 7.56 mW/g; SAR(10 g) = 5.63 mW/g
Maximum value of SAR (interpolated) = 8.15 mW/g

Ab Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 75.6 V/m; Power Drift = -0.574 dB
Peak SAR (extrapolated) = 10.8 W/kg
Motorola Fast SAR: SAR(1 g) = 8.48 mW/g; SAR(10 g) = 4.85 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 (interpolated) = 10.8 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.6 V/m; Power Drift = -0.736 dB
Peak SAR (extrapolated) = 24.8 W/kg
SAR(1 g) = 8.37 mW/g; SAR(10 g) = 4.01 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) = 10.3 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 10.1 mW/g



Section 7.0
Assessments at the Body (CW mode) with antenna FAF5259A – Other Frequency channels (Section 13.2 Table 18)

(Same scan as indicated in Appendix E: Body - Highest SAR Configuration Result for Body-worn)

Section 8.0
Assessments at the Body (CW mode) with antenna PMAE4065A
(Section 13.2 Table 19)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/4/2010 7:41:03 PM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-100804-11
Phantom# / Tissue Temp.: OVAL1018 / 21.1 (C)
DUT Model# / Serial#: H98QDD9PW5AN / NUE1006A0052
Antenna / TX Freq.: PMAE4065A / 395.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN9179A / RMN5058A
Start Power: 5.66 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 7.78 mW/g (1g); 3.25 mW/g (10g)

Comments: Full Scan; Back of DUT facing phantom.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(6.82, 6.82, 6.82)
Electronics: DAE4 Sn729, Calibrated: 3/10/2010
Duty Cycle: 1:1, Medium parameters used: f = 395 MHz; σ = 0.89 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3

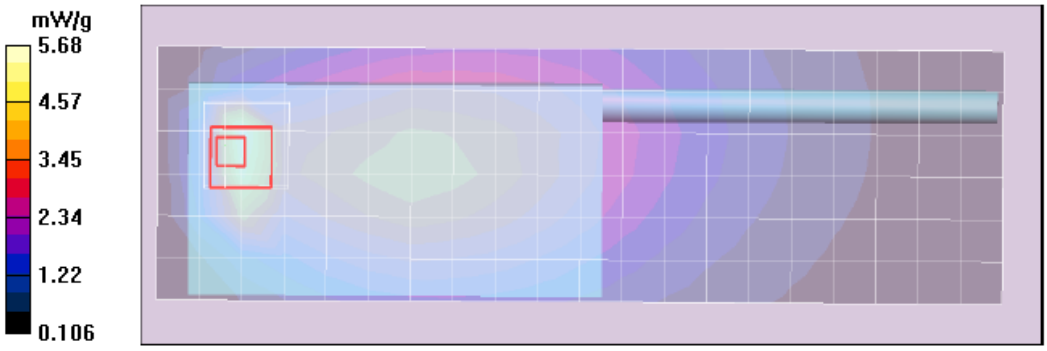
Ab Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 59.1 V/m; Power Drift = -0.0742 dB
Motorola Fast SAR: SAR(1 g) = 5.37 mW/g; SAR(10 g) = 3.34 mW/g
Maximum value of SAR (interpolated) = 6.50 mW/g

Ab Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 59.1 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 9.90 W/kg
Motorola Fast SAR: SAR(1 g) = 7.33 mW/g; SAR(10 g) = 3.86 mW/g
Maximum value of SAR (interpolated) = 9.90 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.1 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 27.4 W/kg
SAR(1 g) = 7.61 mW/g; SAR(10 g) = 3.21 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) = 8.70 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.45 mW/g



Section 9.0
Assessments at the Body (CW mode) with antenna PMAE4065A – Other Frequency channels (Section 13.2 Table 20)

(Same scan as indicated in Appendix F – Section 9.0)

Section 10.0
Assessments at the Body (CW mode) with PSM PMMN4059A and antenna FAF5259A (Section 13.2 Table 21)

(Same scan as indicated in Appendix E: Highest SAR Configuration Result for PSM)

APPENDIX H
DUT Supplementary Data (Power slump)

Model # H98QDD9PW5AN(MNUE1005A)
Serial # NUE1006A0043

Battery	NNTN7038A	**Transmit Mode**	CW
Frequency	406.1250 MHz	**Audio Accessory**	RMN5058A
Date	8/6/2010		

TX TIME (Minutes)	Measured Power (Watts)
0.0	5.68
1.0	5.66
2.0	5.66
3.0	5.67
4.0	5.65
5.0	5.65
6.0	5.63
7.0	5.63
8.0	5.63
9.0	5.63
10.0	5.61
11.0	5.62
12.0	5.61
13.0	5.61
14.0	5.61
15.0	5.60
16.0	5.60
17.0	5.60
18.0	5.59
19.0	5.59
20.0	5.59
21.0	5.58
22.0	5.58
23.0	5.57
24.0	5.56
25.0	5.56
26.0	5.56
27.0	5.55
28.0	5.54
29.0	5.54
30.0	5.53
31.0	5.52
32.0	5.51
33.0	5.51
34.0	5.51
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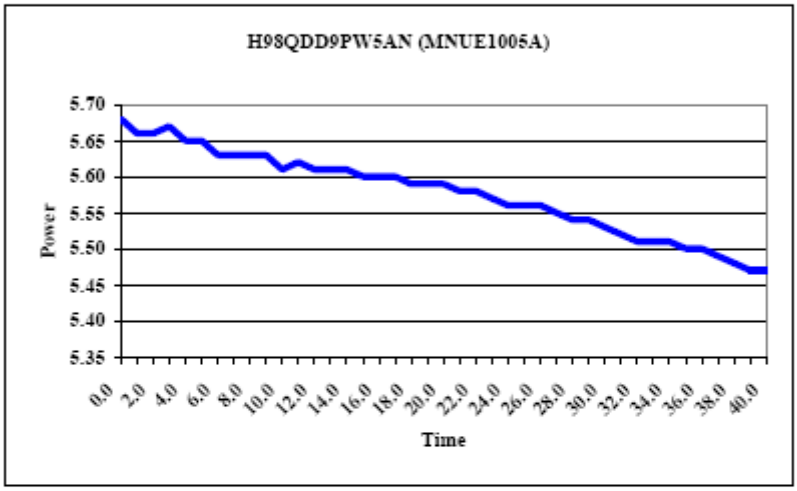
37.0	5.49
38.0	5.48
39.0	5.47
40.0	5.47



Appendix I
DUT Test Position Photos

Photos available in Exhibit 7B

Appendix J
DUT and Body worn Accessory Photos

Photos available in Exhibit 7B