MOTOROLA SOLUTIONS

A2LA ACCREDITED
TESTING CERT # 2518.01

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

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

Date of Report: 08/03/2011
Report Revision: O
Report ID: SR9215_16 SAR rpt_APX6000 U2 _Rev.O_110803

Responsible Engineer:	Kim Uong (Principal Staff Eng.)
Report Author:	Kim Uong (Principal Staff Eng.)
Date/s Tested:	6/24/2011-7/25/2011
Manufacturer/Location:	Motorola, Reynosa/Schaumburg
Sector/Group/Div.:	G&PS
Date submitted for test:	6/21/2011
DUT Description:	APX6000, 450-520MHz, 1-5.6W, 6.25kHz/12.5 kHz /25 kHz , Basic Top Display and Dual Display Models. Capable of digital and analog FM transmission. Also capable of TDMA transmission.
Test TX mode(s):	CW (PTT)
Max. Power output:	5.6 Watts
Nominal Power:	5.0 Watts
Tx Frequency Bands:	450 – 520 MHz
Signaling type:	FM and TDMA
Model(s) Tested:	H98SDD9PW5AN (NUE1017), H98SDH9PW7AN (NUE1021)
Model(s) Certified:	H98SDD9PW5AN (NUE1017), H98SDH9PW7AN (NUE1021)
Serial Number(s):	CAI110MCWF, CAI110MCVW
Classification:	Occupational/Controlled
FCC ID:	AZ489FT4858; Rule part 90 (450 - 512 MHz)
IC:	109U-89FT4858

* 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 Solutions 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.

p.p. Deanna Zakharia
EMS EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 8/3/2011

Certification Date:

Certification No.:

APPENDIX D
Test System Verification Scans

The SAR result indicated on the Manufacture's Calibrated certificates for dipole D450V3 S/N 1077 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. 4.73 +/-18.1% at k=2 for Head, and 4.47 +/-18.1% at k=2 for Body).

-- The allowed tolerance for the probes is also higher than +/- 10% (e.g. 13.4% 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 6.6% 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: 6/24/2011 7:06:21 AM, Date/Time: 6/24/2011 7:11:15 AM, Date/Time: 6/24/2011 7:26:32 AM

Robot# / Rum#: DASY5-FL-1 / ErC-SYSP-450B-110624-01
Phantom# / Tissue Temp.: OVAL1090 / 21.7 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.44 mW/g (1g)
Percent from Target (+/-): 5.1 % (1g)
Rotation (1D): 0.062 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); 0.736 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement

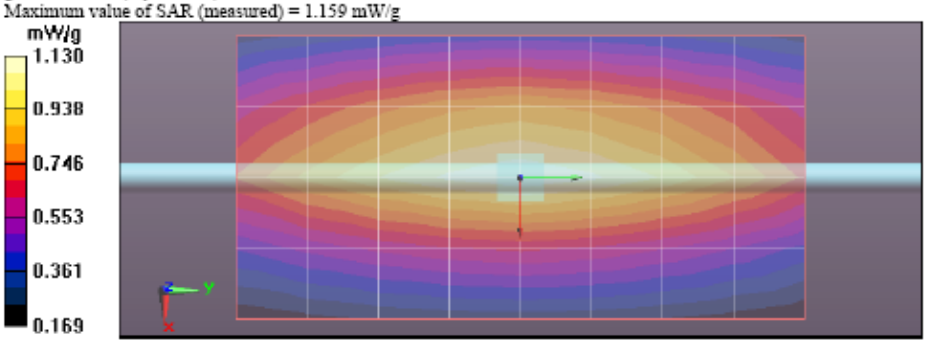
grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.130 mW/g

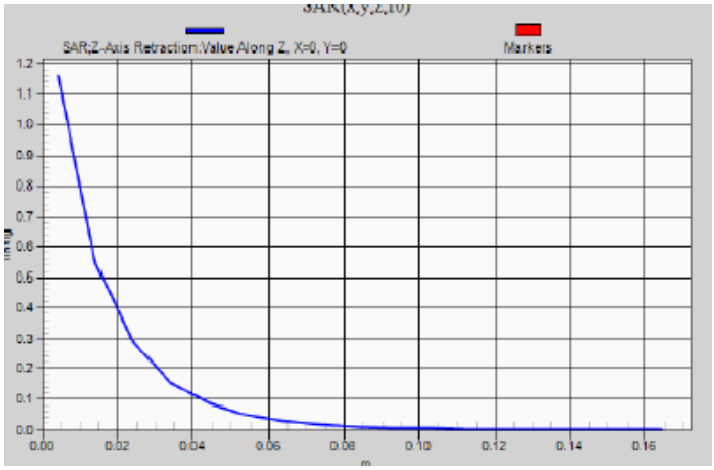
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.976 V/m; Power Drift = 0.0054 dB
Peak SAR (extrapolated) = 1.689 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.727 mW/g
Maximum value of SAR (measured) = 1.164 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.159 mW/g





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Date/Time: 6/25/2011 5:24:01 AM, Date/Time: 6/25/2011 5:28:54 AM, Date/Time: 6/25/2011 5:44:11 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110625-01
Phantom# / Tissue Temp.: OVAL1090 / 22.0 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.68 mW/g (1g)	
Adjusted SAR (1W):	4.44 mW/g (1g)	
Percent from Target (+/-):	5.1 %	(1g)
Rotation (1D):	0.009 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); 0.735 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

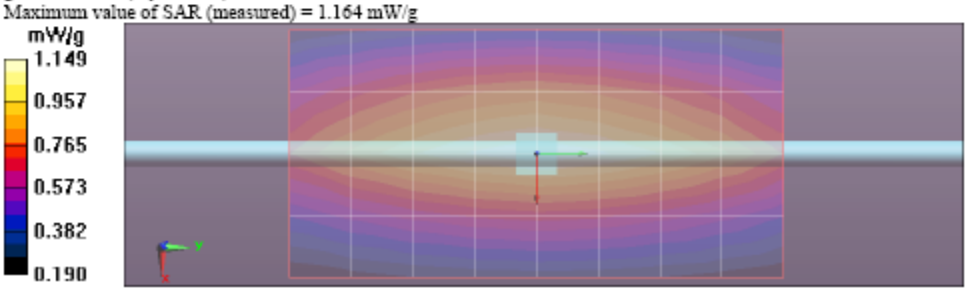
Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.692 V/m; Power Drift = 0.0051 dB
Motorola Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.777 mW/g
Maximum value of SAR (interpolated) = 1.161 mW/g

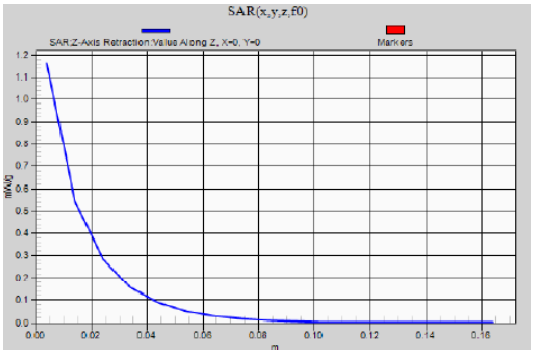
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.692 V/m; Power Drift = 0.0051 dB
Peak SAR (extrapolated) = 1.688 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.728 mW/g
Maximum value of SAR (measured) = 1.162 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.164 mW/g





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Date/Time: 6/26/2011 5:18:55 AM, Date/Time: 6/26/2011 5:23:46 AM, Date/Time: 6/26/2011 5:39:00 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110626-01
Phantom# / Tissue Temp.: OVAL1090 / 22.2 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.44 mW/g (1g)
Percent from Target (+/-): 5.1 % (1g)
Rotation (1D): 0.011 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); 0.735 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

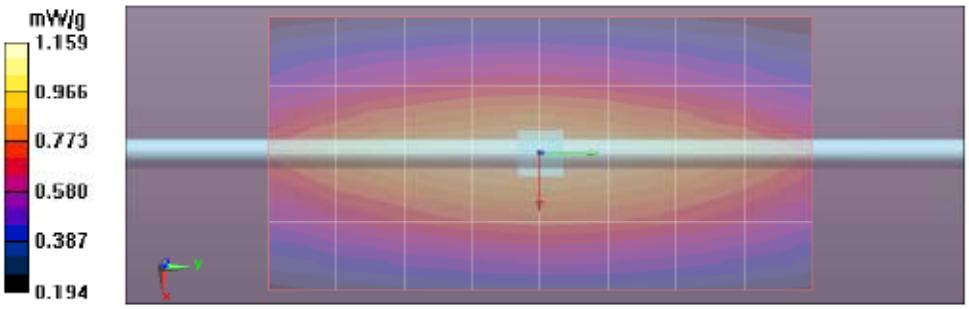
Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.747 V/m; Power Drift = 0.017 dB
Motorola Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.777 mW/g
Maximum value of SAR (interpolated) = 1.162 mW/g

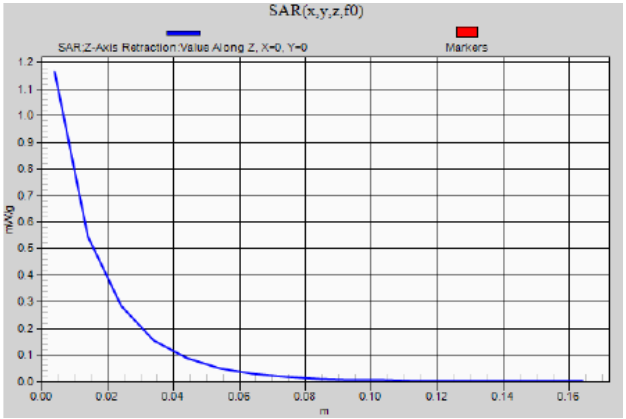
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.747 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.692 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.728 mW/g
Maximum value of SAR (measured) = 1.164 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 1.165 mW/g





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Date/Time: 6/28/2011 3:09:50 PM, Date/Time: 6/28/2011 3:14:44 PM, Date/Time: 6/28/2011 3:30:01 PM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110628-01
Phantom# / Tissue Temp.: OVAL1090 / 21.5 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.44 mW/g (1g)
Percent from Target (+/-): 5.1 % (1g)
Rotation (1D): 0.0098 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); 0.737 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 56.7; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

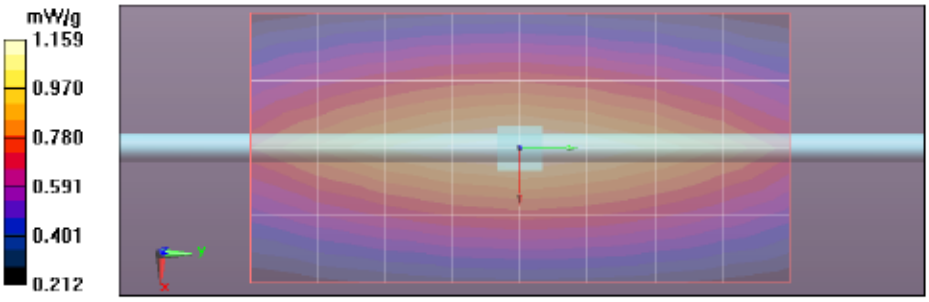
Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.867 V/m; Power Drift = -0.0087 dB
Motorola Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.778 mW/g
Maximum value of SAR (interpolated) = 1.159 mW/g

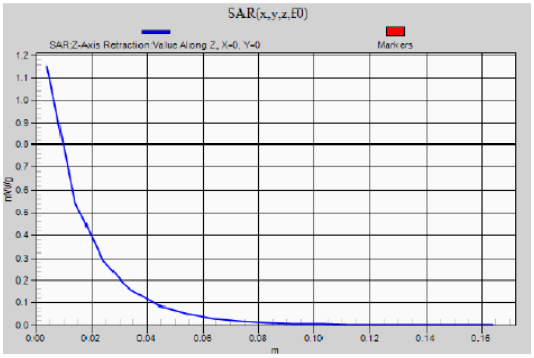
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.867 V/m; Power Drift = -0.0087 dB
Peak SAR (extrapolated) = 1.667 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.728 mW/g
Maximum value of SAR (measured) = 1.156 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.156 mW/g





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Date/Time: 6/29/2011 8:45:41 AM, Date/Time: 6/29/2011 8:50:35 AM, Date/Time: 6/29/2011 9:05:51 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110629-01
Phantom# / Tissue Temp.: OVAL1090 / 22.1 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W):	4.68 mW/g (1g)	
Adjusted SAR (1W):	4.44 mW/g (1g)	
Percent from Target (+/-):	5.1 %	(1g)
Rotation (1D):	0.130 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); 0.740 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

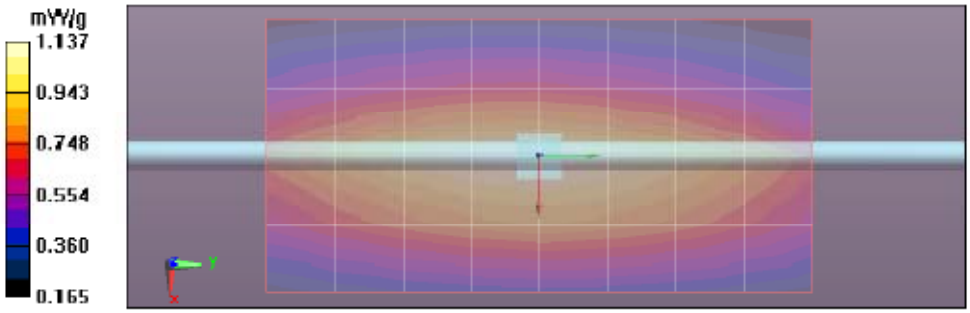
Measurement grid: dx=15mm, dy=15mm
Reference Value = 36.055 V/m; Power Drift = 0.004 dB
Motorola Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.777 mW/g
Maximum value of SAR (interpolated) = 1.161 mW/g

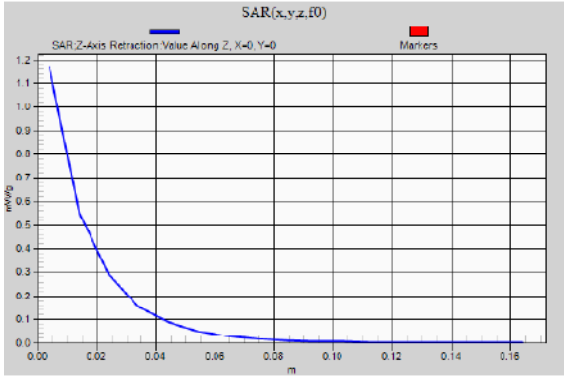
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.055 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.684 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.731 mW/g
Maximum value of SAR (measured) = 1.168 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 1.168 mW/g





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Date/Time: 7/6/2011 6:47:07 AM, Date/Time: 7/6/2011 6:52:00 AM, Date/Time: 7/6/2011 7:07:15 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110706-01
Phantom# / Tissue Temp.: OVAL1090 / 21.7 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.44 mW/g (1g)
Percent from Target (+/-): 5.1 % (1g)
Rotation (1D): 0.015 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); 0.740 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

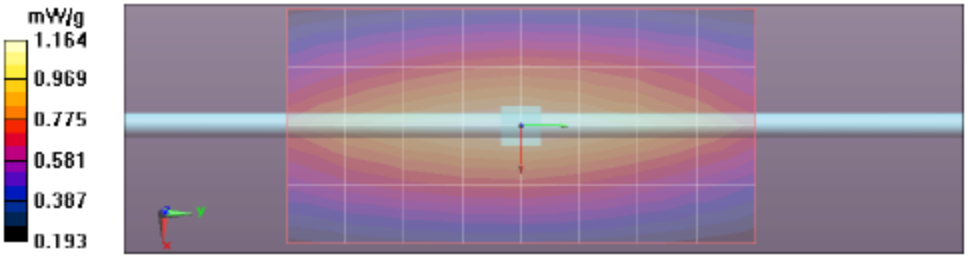
Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.937 V/m; Power Drift = 0.0094 dB
Motorola Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.779 mW/g
Maximum value of SAR (interpolated) = 1.164 mW/g

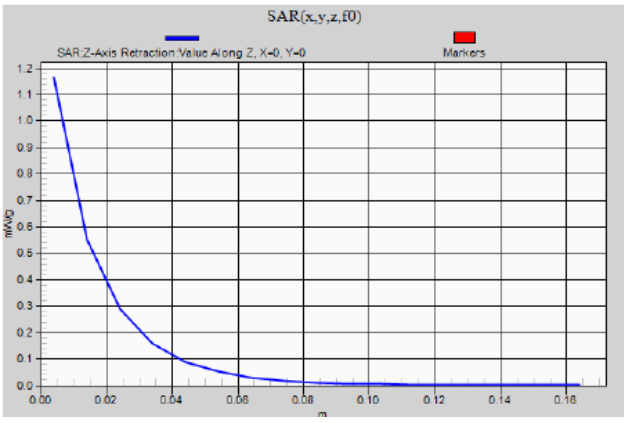
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.937 V/m; Power Drift = 0.0094 dB
Peak SAR (extrapolated) = 1.675 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.731 mW/g
Maximum value of SAR (measured) = 1.161 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 1.165 mW/g





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Date/Time: 7/7/2011 7:33:26 AM, Date/Time: 7/7/2011 7:38:18 AM, Date/Time: 7/7/2011 7:53:31 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110707-01
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.44 mW/g (1g)
Percent from Target (+/-): 5.1 % (1g)
Rotation (1D): 0.0089 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); 0.743 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 56.3; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

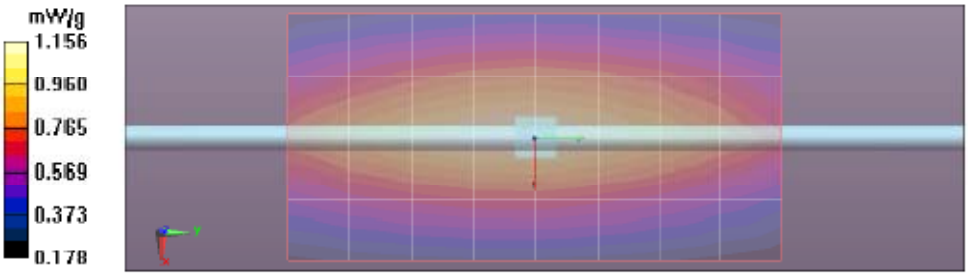
Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.983 V/m; Power Drift = 0.00025 dB
Motorola Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.779 mW/g
Maximum value of SAR (interpolated) = 1.164 mW/g

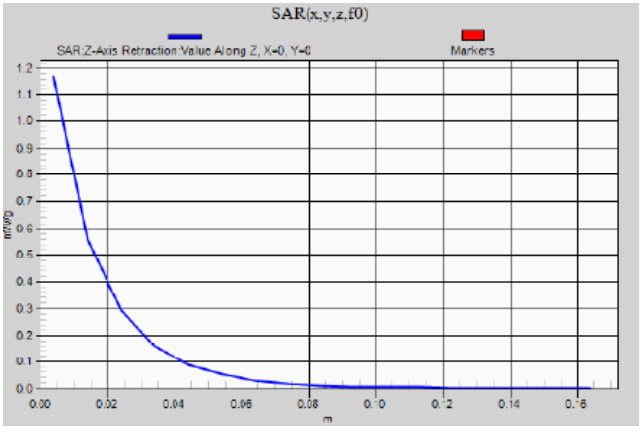
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.983 V/m; Power Drift = 0.00025 dB
Peak SAR (extrapolated) = 1.686 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (measured) = 1.168 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 1.170 mW/g





Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/8/2011 8:47:35 AM, Date/Time: 7/8/2011 8:52:27 AM, Date/Time: 7/8/2011 9:07:40 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110708-01
Phantom# / Tissue Temp.: OVAL1090 / 21.4 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.40 mW/g (1g)
Percent from Target (+/-): 6.0 % (1g)
Rotation (1D): 0.009 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: 1.10 mW/g (1g); 0.738 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

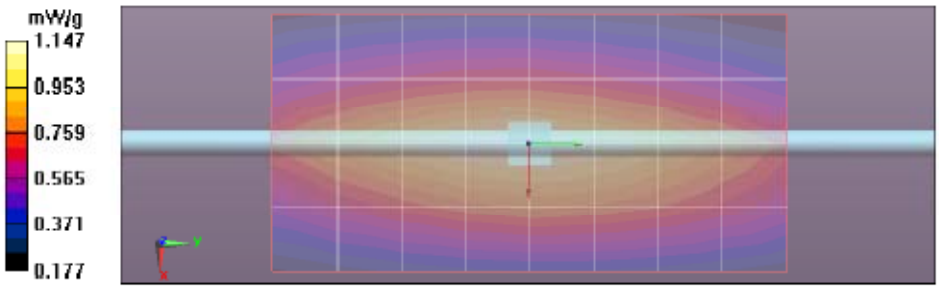
Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.888 V/m; Power Drift = 0.003 dB
Motorola Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.774 mW/g
Maximum value of SAR (interpolated) = 1.155 mW/g

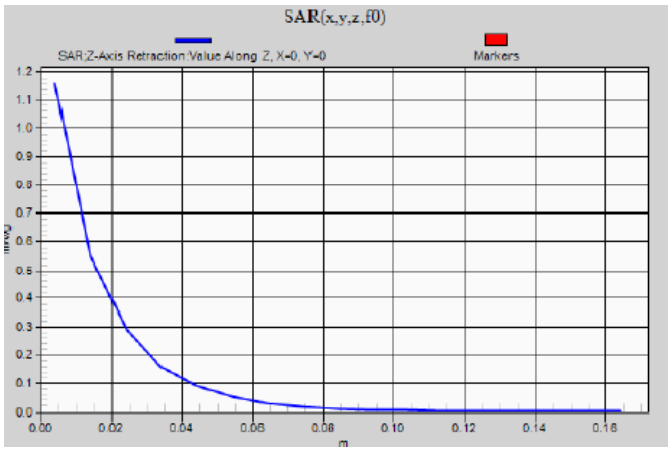
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.888 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.667 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.729 mW/g
Maximum value of SAR (measured) = 1.158 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 1.162 mW/g





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Date/Time: 7/16/2011 5:28:51 AM, Date/Time: 7/16/2011 5:33:45 AM, Date/Time: 7/16/2011 5:49:01 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110716-01
Phantom# / Tissue Temp.: OVAL109O / 22.2 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.48 mW/g (1g)
Percent from Target (+/-): 4.3 % (1g)
Rotation (1D): 0.0098 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); 0.741 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

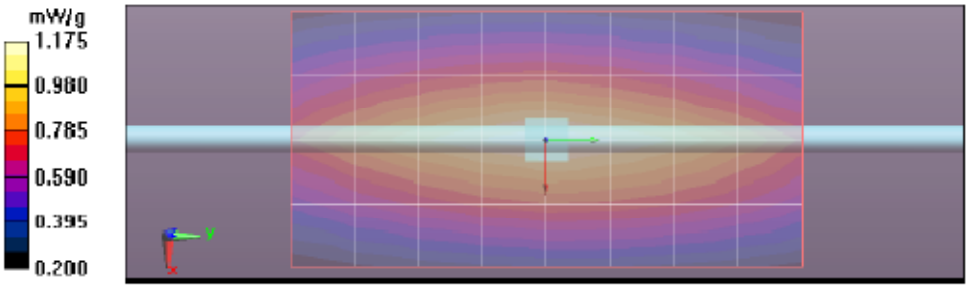
Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.910 V/m; Power Drift = -0.0017 dB
Motorola Fast SAR: SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.786 mW/g
Maximum value of SAR (interpolated) = 1.175 mW/g

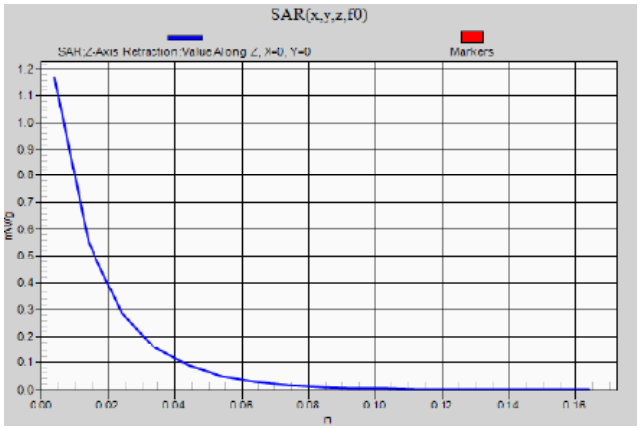
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.910 V/m; Power Drift = -0.0017 dB
Peak SAR (extrapolated) = 1.695 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (measured) = 1.174 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 1.171 mW/g





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Date/Time: 7/18/2011 8:59:02 AM, Date/Time: 7/18/2011 9:03:56 AM, Date/Time: 7/18/2011 9:19:12 AM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110718-01
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.48 mW/g (1g)
Percent from Target (+/-): 4.3 % (1g)
Rotation (1D): 0.011 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); 0.747 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

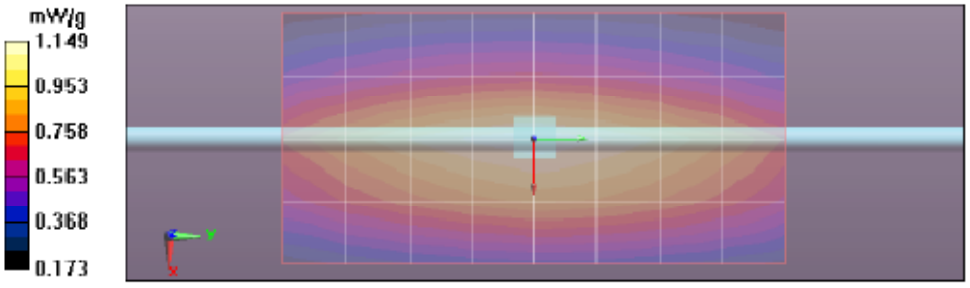
Measurement grid: dx=15mm, dy=15mm
Reference Value = 36.025 V/m; Power Drift = -0.0087 dB
Motorola Fast SAR: SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.786 mW/g
Maximum value of SAR (interpolated) = 1.175 mW/g

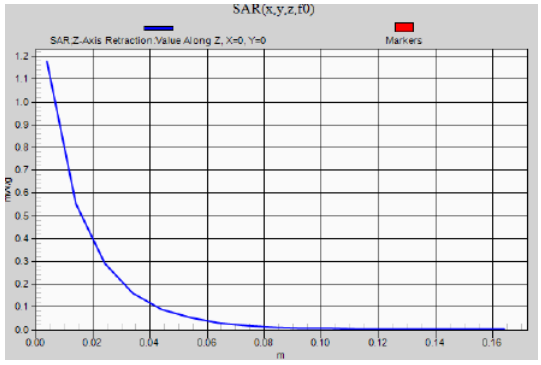
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.025 V/m; Power Drift = -0.0087 dB
Peak SAR (extrapolated) = 1.703 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.740 mW/g
Maximum value of SAR (measured) = 1.180 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 1.176 mW/g





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Date/Time: 7/25/2011 12:51:57 PM, Date/Time: 7/25/2011 12:56:51 PM, Date/Time: 7/25/2011 1:12:07 PM

Robot# / Run#: DASY5-FL-1 / HvH-SYSP-450B-110725-01
Phantom# / Tissue Temp.: OVAL1090 / 22.3 (C)
Dipole Model# / Serial#: D450V3 / 1077
TX Freq. / Start power: 450 (MHz) / 250 (mW)

Target SAR (1W): 4.68 mW/g (1g)
Adjusted SAR (1W): 4.52 mW/g (1g)
Percent from Target (+/-): 3.4 % (1g)
Rotation (1D): 0.030 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: 1.13 mW/g (1g); 0.749 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

Below 3 GHz-Rev.3l/System Performance Check/Dipole Area Scan 2 (41x81x1):

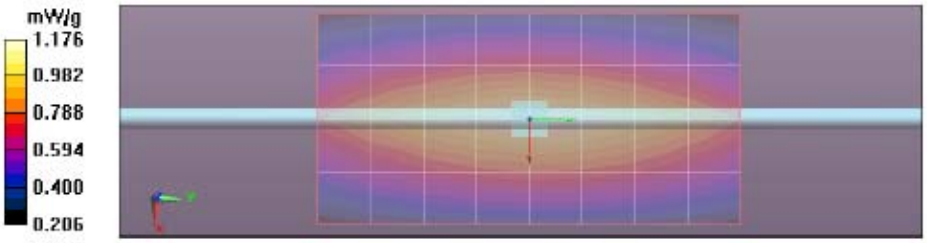
Measurement grid: dx=15mm, dy=15mm
Reference Value = 36.065 V/m; Power Drift = 0.036 dB
Motorola Fast SAR: SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.788 mW/g
Maximum value of SAR (interpolated) = 1.176 mW/g

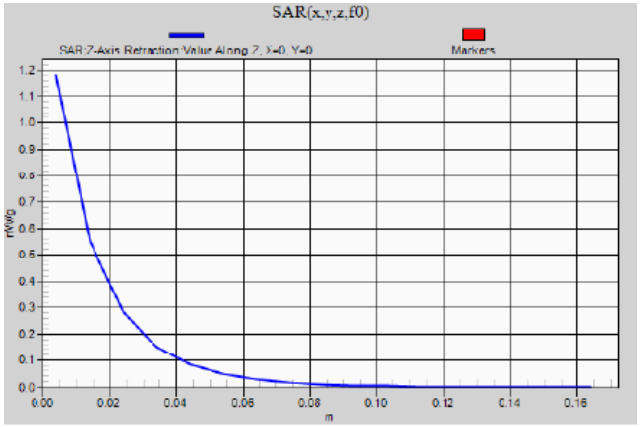
Below 3 GHz-Rev.3l/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.065 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 1.726 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.740 mW/g
Maximum value of SAR (measured) = 1.184 mW/g

Below 3 GHz-Rev.3l/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.184 mW/g





DIPOLE SAR TARGET - HEAD

Date:	03/01/11	Frequency (MHz):	450
Lab Location:	FL08	Mixture Type:	IEEE Head
DAE Serial #:	850	Ambient Temp.(°C):	21.7 C
Tissue Characteristics			
Permitivity:	44.3	Phantom Type/SN:	OVAL1016
Conductivity:	0.91	Distance (mm):	2
Tissue Temp.(°C):	20.3		
Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	1077		

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

4.58

Difference from Target

10.04% (1g-SAR)

New Target:

Average 1g-SAR Value (mW/g):	**5.04**

Passes K=2

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

Probe SN #s	1g-SAR (Cube)	Diff from Ave	Robot
3147	5.00	*-0.8%*	R3
3291	5.12	*1.6%*	R3
3185	5.00	*-0.8%*	R3
Average	**5.0400**	New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: **C. Miller** Initial:

DIPOLE SAR TARGET - BODY

Date:	**03/01/11**	Frequency (MHz):	**450**
Lab Location:	FL08	Mixture Type:	**Body**
DAE Serial #:	850	Ambient Temp.(°C):	21.6

Tissue Characteristics

Permitivity:	55.8	Phantom Type/SN:	OVAL1090
Conductivity:	0.95	Distance (mm):	2
Tissue Temp.(°C):	21.3		

Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	**1077**		

New Target:

Average Measured SAR Value: **4.68** mW/g(1g avg.),

Probe SN #s	1-G Cube	Diff from Ave	Robot
3185	4.68	*0.0%*	R3
3147	4.64	*-0.9%*	R3
3006	4.72	*0.9%*	R3
Average		New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: **C. Miller** Initial: CM

APPENDIX E
FCC Part 90 (450-512MHz)
DUT Scans (shorten Scan and Highest SAR configurations)

Shortened Scan Result
(Table 46)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/25/2011 2:22:26 PM, Date/Time: 7/25/2011 2:35:38 PM, Date/Time: 7/25/2011 2:58:58 PM,
Date/Time: 7/25/2011 3:32:06 PM, Date/Time: 7/25/2011 3:06:17 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110725-02
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: PMLN5659A w/ NTN5243A / RMN5058A Start Power: 5.60 (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.

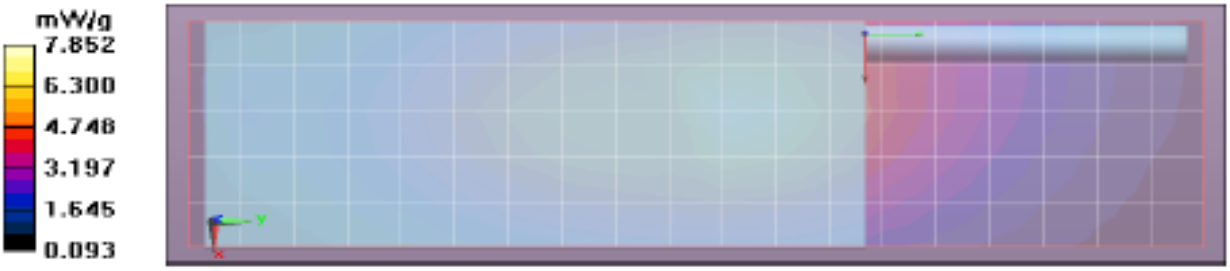
Reported SAR: 8.08 mW/g (1g); 5.60 mW/g (10g)

Comments: Shorten scan. Back. Without belt loop.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01) Electronics: DAE4 Sn1231, Calibrated: 9/21/2010 Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; εr = 55.7; ρ = 1000 kg/m3

Shortened scan reflect highest SAR producing configuration; approximate run time 8 minutes. Representative full scan run time was 23 minutes
"Shortened" scan max calculated SAR using SAR drift: 1-g Avg. = 4.17 mW/g; 10-g Avg. = 2.89 mW/g
Full scan max calculated SAR using SAR drift (see part 1 section 13.3): 1-g Avg. = 5.14 mW/g; 10-g Avg. = 3.56mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.956 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 11.985 W/kg
SAR(1 g) = 7.91 mW/g; SAR(10 g) = 5.53 mW/g
Maximum value of SAR (measured) = 8.247 mW/g
Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 8.043 mW/g



Face - Highest SAR Configuration Result (Table 14)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/26/2011 3:24:52 PM, Date/Time: 6/26/2011 3:38:00 PM, Date/Time: 6/26/2011 3:40:58 PM, Date/Time: 6/26/2011 3:48:17 PM

Robot# / Run#: DASY5-FL-1 / HvH-Face-110626-15
Phantom# / Tissue Temp.: OVAL1016 / 21.6 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.58 (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: 6.88 mW/g (1g); 5.11 mW/g (10g)

Comments: Front

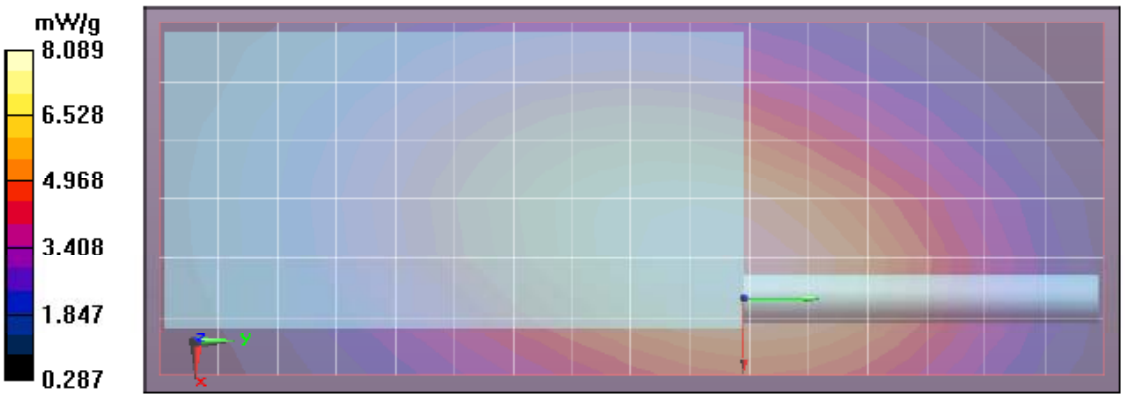
Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(6.53, 6.53, 6.53)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.85 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Face Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 98.130 V/m; Power Drift = -0.62 dB
Motorola Fast SAR: SAR(1 g) = 7.75 mW/g; SAR(10 g) = 5.77 mW/g
Maximum value of SAR (interpolated) = 8.136 mW/g

Below 3 GHz-Rev.4e/Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 98.130 V/m; Power Drift = -0.75 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 7.06 mW/g; SAR(10 g) = 5.27 mW/g
Maximum value of SAR (interpolated) = 7.399 mW/g

Below 3 GHz-Rev.4e/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 98.130 V/m; Power Drift = -0.97 dB
Peak SAR (extrapolated) = 8.940 W/kg
SAR(1 g) = 6.78 mW/g; SAR(10 g) = 5.07 mW/g
Maximum value of SAR (measured) = 7.118 mW/g

Below 3 GHz-Rev.4e/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 6.939 mW/g



Body - Highest SAR Configuration Result for Body-worn (Table 40)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/18/2011 2:37:55 PM, Date/Time: 7/18/2011 2:51:03 PM, Date/Time: 7/18/2011 2:54:00 PM, Date/Time: 7/18/2011 3:01:18 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110718-09
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: PMLN5659A w/ NTN5243A / RMN5058A
Start Power: 5.60 (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: 8.83 mW/g (1g); 6.12 mW/g (10g)

Comments: Back. Without belt loop.

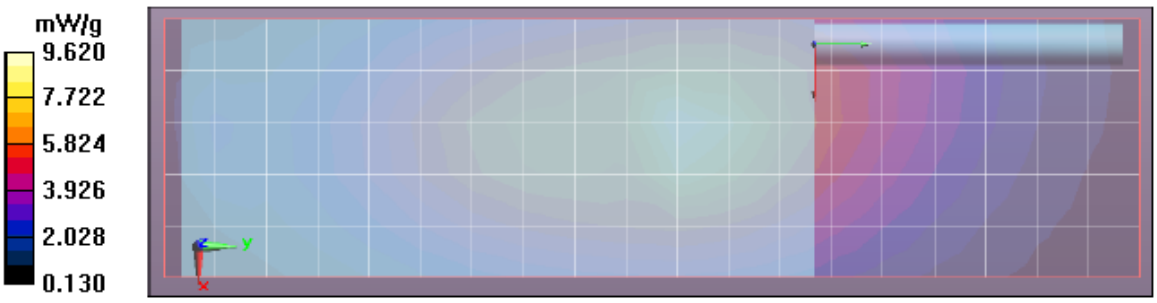
Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 78.225 V/m; Power Drift = -0.40 dB
Motorola Fast SAR: SAR(1 g) = 9.04 mW/g; SAR(10 g) = 6.46 mW/g
Maximum value of SAR (interpolated) = 9.730 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 78.225 V/m; Power Drift = -0.50 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 8.94 mW/g; SAR(10 g) = 6.38 mW/g
Maximum value of SAR (interpolated) = 9.581 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 78.225 V/m; Power Drift = -0.66 dB
Peak SAR (extrapolated) = 13.257 W/kg
SAR(1 g) = 8.69 mW/g; SAR(10 g) = 6.06 mW/g
Maximum value of SAR (measured) = 9.109 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 8.919 mW/g



Body - Highest SAR Configuration Result for PSM (Table 42)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/28/2011 11:34:12 PM, Date/Time: 6/28/2011 11:48:06 PM, Date/Time: 6/28/2011 11:51:04 PM, Date/Time: 6/28/2011 11:58:23 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110628-09
Phantom# / Tissue Temp.: OVAL1090 / 21.6 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWT
Antenna / TX Freq.: PMAE4065A / 496.5000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: 4205823V08 Rev. L (psm belt clip) / PMMN4050B
Start Power: 5.51 (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: 10.4 mW/g (1g); 7.45 mW/g (10g)

Comments: Antenna FAF5260 on radio, PSM power output = 4.81 W.

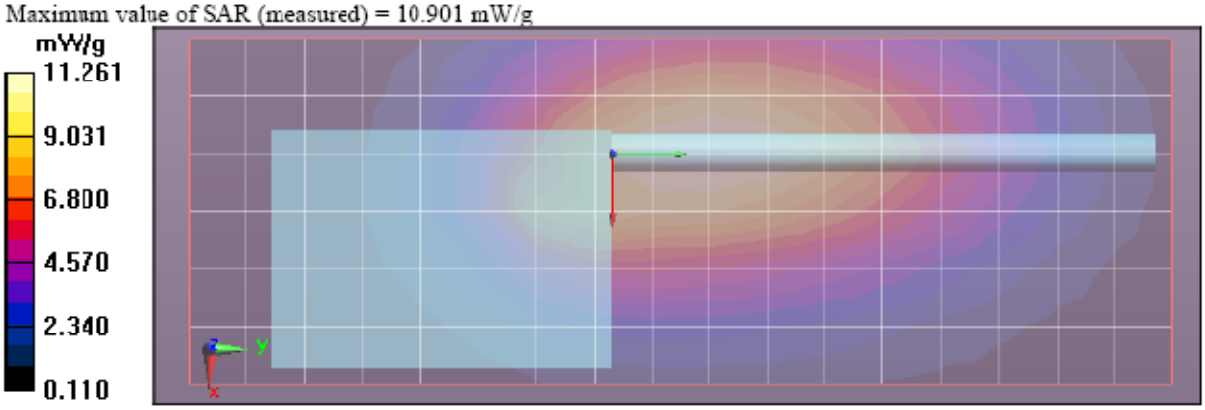
Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.95 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 108.8 V/m; Power Drift = -0.16 dB
Motorola Fast SAR: SAR(1 g) = 10.7 mW/g; SAR(10 g) = 7.8 mW/g
Maximum value of SAR (interpolated) = 11.264 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 108.8 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 10.6 mW/g; SAR(10 g) = 7.71 mW/g
Maximum value of SAR (interpolated) = 11.127 mW/g

Below 3 GHz Rev.4e/Ab Scan/3 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 108.8 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 14.694 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 7.45 mW/g
Maximum value of SAR (measured) = 10.942 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 10.901 mW/g



APPENDIX F
DUT Scans - FCC Part 90 (450-512MHz)

Table 13

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/26/2011 10:42:50 AM, Date/Time: 6/26/2011 10:58:11 AM, Date/Time: 6/26/2011 11:01:09 AM, Date/Time: 6/26/2011 11:09:55 AM

Robot# / Run#: DASY5-FL-1 / HvH-Face-110626-08
Phantom# / Tissue Temp.: OVAL1016 / 21.3 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.54 (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: 6.37 mW/g (1g); 4.81 mW/g (10g)

Comments: Front

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(6.53, 6.53, 6.53)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.85 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Face Scan/1-Area Scan (61x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 85.384 V/m; Power Drift = -0.086 dB
Motorola Fast SAR: SAR(1 g) = 6.44 mW/g; SAR(10 g) = 4.82 mW/g
Maximum value of SAR (interpolated) = 6.749 mW/g

Below 3 GHz-Rev.4e/Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 85.384 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 6.3 mW/g; SAR(10 g) = 4.71 mW/g
Maximum value of SAR (interpolated) = 6.596 mW/g

Below 3 GHz-Rev.4e/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.384 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 8.194 W/kg
SAR(1 g) = 6.28 mW/g; SAR(10 g) = 4.77 mW/g
Maximum value of SAR (measured) = 6.578 mW/g

Below 3 GHz-Rev.4e/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 6.392 mW/g

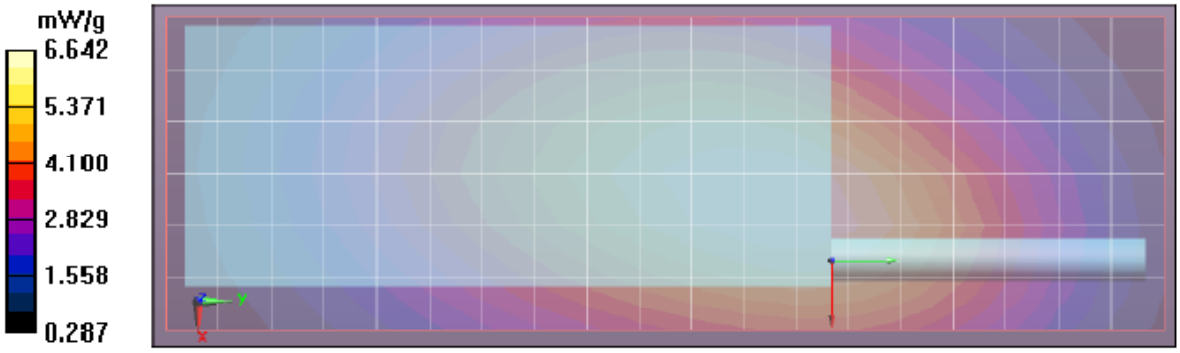


Table 14

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

Table 15

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/26/2011 4:10:55 PM, Date/Time: 6/26/2011 4:26:13 PM, Date/Time: 6/26/2011 4:29:11 PM, Date/Time: 6/26/2011 4:36:30 PM

Robot# / Run#: DASY5-FL-1 / CM-Face-110626-16
Phantom# / Tissue Temp.: OVAL1016 / 21.6 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.56 (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: 7.15 mW/g (1g); 5.35 mW/g (10g)

Comments: Back of DUT toward phantom at 2.5 cm.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(6.53, 6.53, 6.53)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.85 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Face Scan/1-Area Scan (61x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 95.996 V/m; Power Drift = -0.51 dB
Motorola Fast SAR: SAR(1 g) = 7.67 mW/g; SAR(10 g) = 5.72 mW/g
Maximum value of SAR (interpolated) = 8.043 mW/g

Below 3 GHz-Rev.4e/Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 95.996 V/m; Power Drift = -0.59 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 7.23 mW/g; SAR(10 g) = 5.4 mW/g
Maximum value of SAR (interpolated) = 7.566 mW/g

Below 3 GHz-Rev.4e/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.996 V/m; Power Drift = -0.76 dB
Peak SAR (extrapolated) = 9.189 W/kg
SAR(1 g) = 7.05 mW/g; SAR(10 g) = 5.31 mW/g
Maximum value of SAR (measured) = 7.394 mW/g

Below 3 GHz-Rev.4e/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.258 mW/g

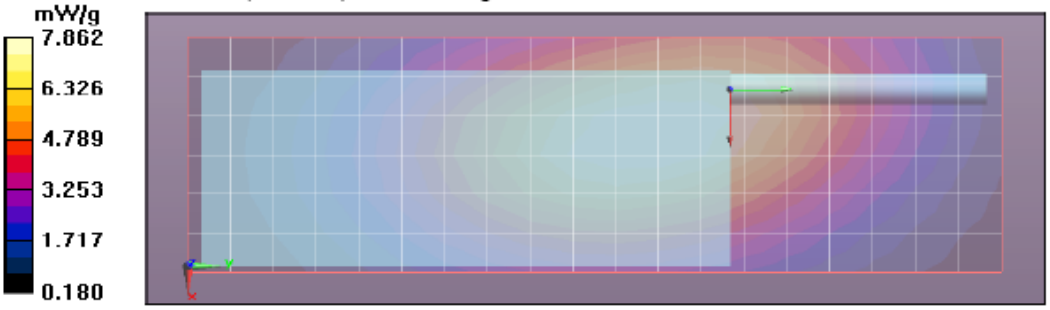


Table 16

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/26/2011 8:45:07 PM, Date/Time: 6/26/2011 8:58:59 PM, Date/Time: 6/26/2011 9:01:57 PM, Date/Time: 6/26/2011 9:09:15 PM

Robot# / Run#: DASY5-FL-1 / CM-Face-110626-23
Phantom# / Tissue Temp.: OVAL1016 / 21.4 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7038A
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 SAR: 6.87 mW/g (1g); 5.12 mW/g (10g)

Comments: Back of DUT toward phantom at 2.5 cm.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(6.53, 6.53, 6.53)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.85 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 97.862 V/m; Power Drift = -0.46 dB
Motorola Fast SAR: SAR(1 g) = 7.25 mW/g; SAR(10 g) = 5.41 mW/g
Maximum value of SAR (interpolated) = 7.603 mW/g

Below 3 GHz-Rev.4e/Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 97.862 V/m; Power Drift = -0.54 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 6.98 mW/g; SAR(10 g) = 5.2 mW/g
Maximum value of SAR (interpolated) = 7.304 mW/g

Below 3 GHz-Rev.4e/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 97.862 V/m; Power Drift = -0.72 dB
Peak SAR (extrapolated) = 8.895 W/kg
SAR(1 g) = 6.77 mW/g; SAR(10 g) = 5.08 mW/g
Maximum value of SAR (measured) = 7.098 mW/g

Below 3 GHz-Rev.4e/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.972 mW/g

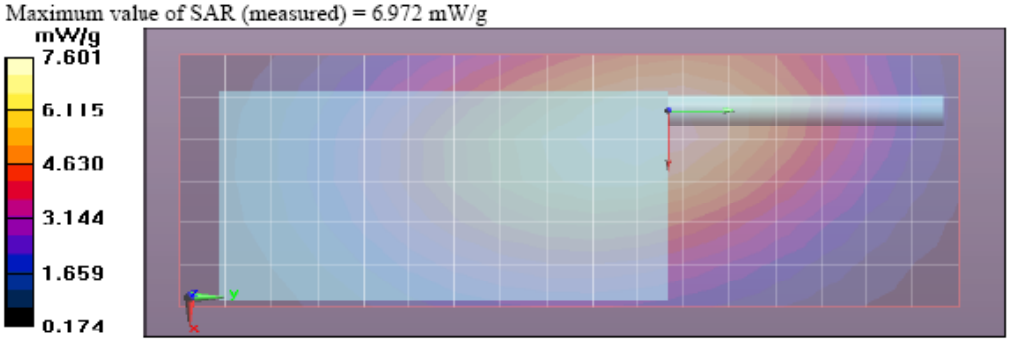


Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/7/2011 7:57:11 PM, Date/Time: 7/7/2011 8:10:07 PM, Date/Time: 7/7/2011 8:20:34 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110707-12
Phantom# / Tissue Temp.: OVAL1090 / 21.6 (C)
DUT Model# / Serial#: H98SDH9PW7AN (NUE1021) / CAI110MCVW
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: PMLN5709A with NTN8266B / PMLN5275C
Start Power: 5.56 (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: 7.89 mW/g (1g); 5.74 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 56.3; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 79.660 V/m; Power Drift = -0.39 dB
Motorola Fast SAR: SAR(1 g) = 7.35 mW/g; SAR(10 g) = 5.35 mW/g
Maximum value of SAR (interpolated) = 7.822 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.232 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 97.255 V/m; Power Drift = -0.36 dB
Peak SAR (extrapolated) = 10.846 W/kg
SAR(1 g) = 7.73 mW/g; SAR(10 g) = 5.67 mW/g
Maximum value of SAR (measured) = 8.147 mW/g

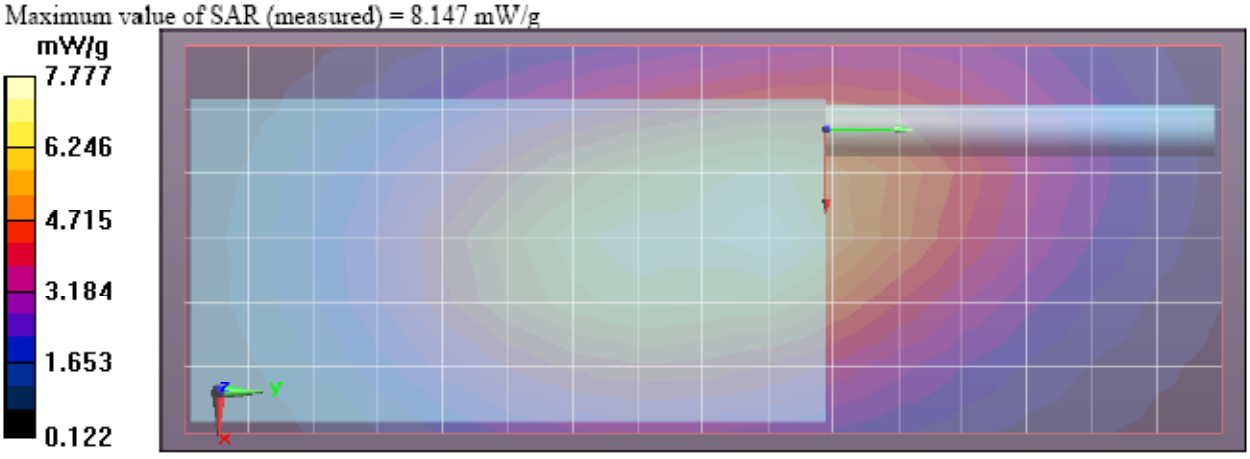


Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/8/2011 2:08:53 PM, Date/Time: 7/8/2011 2:21:56 PM, Date/Time: 7/8/2011 2:34:23 PM, Date/Time: 7/8/2011 2:43:07 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110708-07
Phantom# / Tissue Temp.: OVAL1090 / 21.5 (C)
DUT Model# / Serial#: H98SDH9PW7AN (NUE1021) / CAI110MCVW
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: PMLN5709A w/ NTN8266B / PMLN5275C
Start Power: 5.60 (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: 8.23 mW/g (1g); 5.97 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 85.398 V/m; Power Drift = -3.82 dB
Motorola Fast SAR: SAR(1 g) = 7.89 mW/g; SAR(10 g) = 5.76 mW/g
Maximum value of SAR (interpolated) = 8.373 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 85.398 V/m; Power Drift = -3.78 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 3.58 mW/g; SAR(10 g) = 2.61 mW/g
Maximum value of SAR (interpolated) = 3.769 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 84.205 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 11.308 W/kg
SAR(1 g) = 8.06 mW/g; SAR(10 g) = 5.9 mW/g
Maximum value of SAR (measured) = 8.476 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 8.207 mW/g

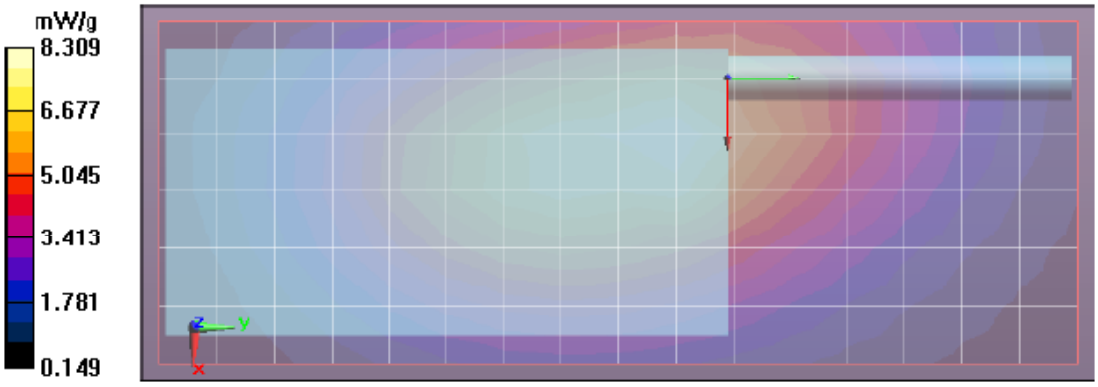


Table 20

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/24/2011 9:16:34 AM, Date/Time: 6/24/2011 9:29:41 AM, Date/Time: 6/24/2011 9:32:38 AM, Date/Time: 6/24/2011 9:43:04 AM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110624-02
Phantom# / Tissue Temp.: OVAL1090 / 21.6 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: HLN6875A / PMLN5275C
Start Power: 5.56 (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: 5.11 mW/g (1g); 2.89 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 76.041 V/m; Power Drift = -0.16 dB
Motorola Fast SAR: SAR(1 g) = 6.95 mW/g; SAR(10 g) = 5.15 mW/g
Maximum value of SAR (interpolated) = 7.780 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 76.041 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 5.22 mW/g; SAR(10 g) = 3.28 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) = 6.107 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 76.041 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 12.958 W/kg
SAR(1 g) = 5 mW/g; SAR(10 g) = 2.85 mW/g
Maximum value of SAR (measured) = 5.374 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 5.500 mW/g

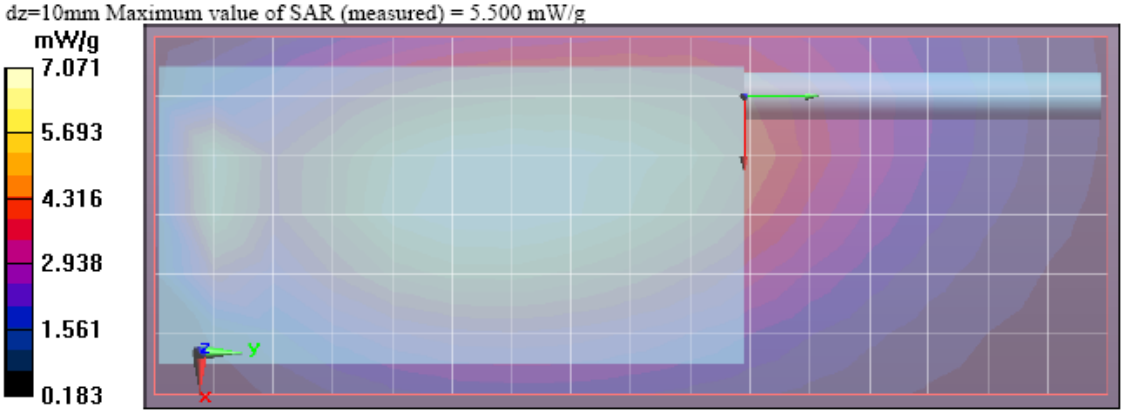


Table 21

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/24/2011 4:29:52 PM, Date/Time: 6/24/2011 4:42:56 PM, Date/Time: 6/24/2011 4:45:55 PM, Date/Time: 6/24/2011 4:53:13 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110624-11
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN8092A
Carry Acc. / Cable Acc.: HLN6875A / PMLN5275C
Start Power: 5.45 (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: 7.69 mW/g (1g); 5.68 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 75.241 V/m; Power Drift = -0.22 dB
Motorola Fast SAR: SAR(1 g) = 7.88 mW/g; SAR(10 g) = 5.84 mW/g
Maximum value of SAR (interpolated) = 8.280 mW/g

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.257 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 75.241 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 7.68 mW/g; SAR(10 g) = 5.68 mW/g
Maximum value of SAR (interpolated) = 8.047 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.241 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 10.139 W/kg
SAR(1 g) = 7.53 mW/g; SAR(10 g) = 5.61 mW/g
Maximum value of SAR (measured) = 7.896 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.682 mW/g

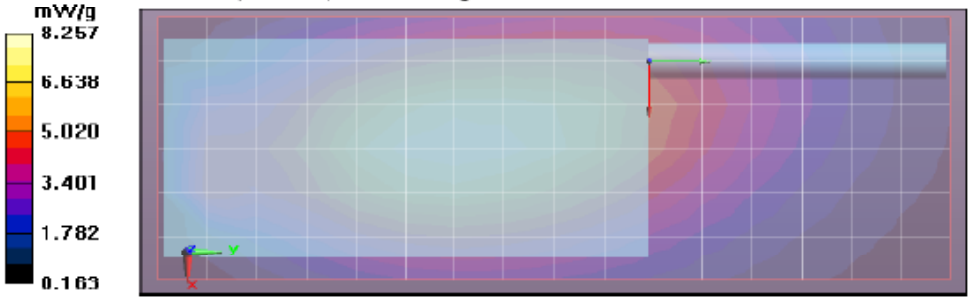


Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/24/2011 6:53:38 PM, Date/Time: 6/24/2011 7:06:45 PM, Date/Time: 6/24/2011 7:09:42 PM, Date/Time: 6/24/2011 7:17:01 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110624-12
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: NTN9179A / PMLN5275C
Start Power: 5.52 (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: 4.69 mW/g (1g); 3.51 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 58.351 V/m; Power Drift = -0.09 dB
Motorola Fast SAR: SAR(1 g) = 4.65 mW/g; SAR(10 g) = 3.46 mW/g
Maximum value of SAR (interpolated) = 4.870 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 58.351 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 4.6 mW/g; SAR(10 g) = 3.42 mW/g
Maximum value of SAR (interpolated) = 4.820 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.351 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 6.097 W/kg
SAR(1 g) = 4.59 mW/g; SAR(10 g) = 3.47 mW/g
Maximum value of SAR (measured) = 4.797 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.796 mW/g

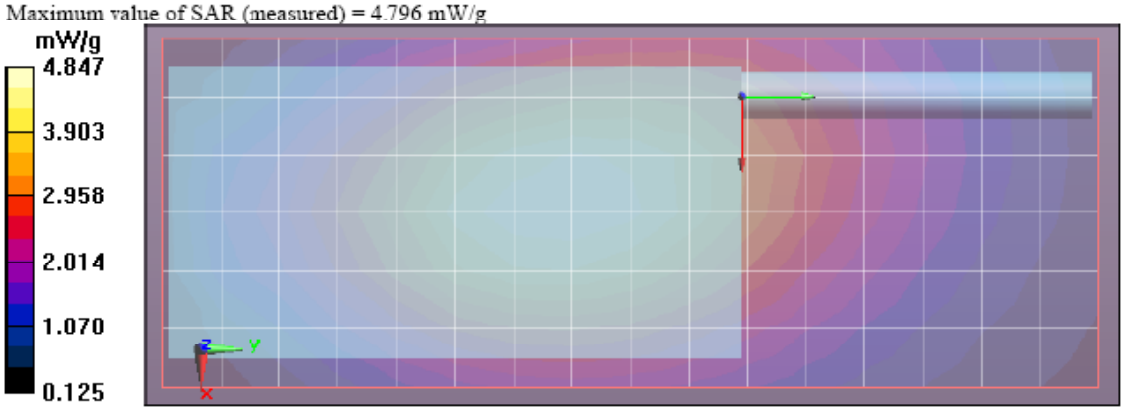


Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/24/2011 10:50:41 PM, Date/Time: 6/24/2011 11:07:25 PM, Date/Time: 6/24/2011 11:10:18 PM, Date/Time: 6/24/2011 11:20:41 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110624-17
Phantom# / Tissue Temp.: OVAL1090 / 21.6 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7037A
Carry Acc. / Cable Acc.: NTN9179A / PMLN5275C
Start Power: 5.54 (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: 6.44 mW/g (1g); 3.38 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 mho/m; e_r = 54.9; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 59.098 V/m; Power Drift = -0.14 dB
Motorola Fast SAR: SAR(1 g) = 6.11 mW/g; SAR(10 g) = 4.37 mW/g
Maximum value of SAR (interpolated) = 8.208 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 59.098 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 6.25 mW/g; SAR(10 g) = 3.89 mW/g
Maximum value of SAR (interpolated) = 7.240 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.098 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 17.144 W/kg
SAR(1 g) = 6.31 mW/g; SAR(10 g) = 3.34 mW/g
Maximum value of SAR (measured) = 6.970 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.486 mW/g

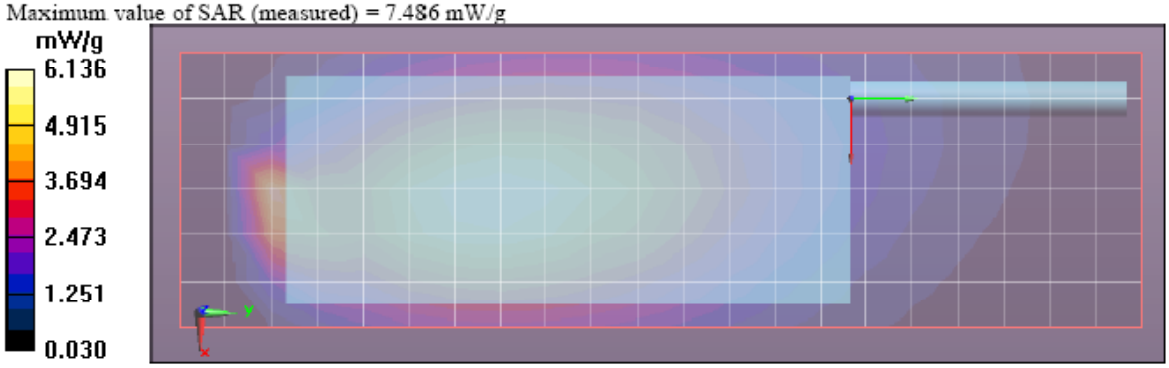


Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 7:05:09 AM, Date/Time: 6/25/2011 7:18:10 AM, Date/Time: 6/25/2011 7:21:06 AM, Date/Time: 6/25/2011 7:28:23 AM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110625-03
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: PMLN5658A / PMLN5275C
Start Power: 5.55 (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: 4.58 mW/g (1g); 3.42 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 59.935 V/m; Power Drift = -0.08 dB
Motorola Fast SAR: SAR(1 g) = 4.54 mW/g; SAR(10 g) = 3.37 mW/g
Maximum value of SAR (interpolated) = 4.766 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 59.935 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 4.52 mW/g; SAR(10 g) = 3.35 mW/g
Maximum value of SAR (interpolated) = 4.735 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.935 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 6.013 W/kg
SAR(1 g) = 4.51 mW/g; SAR(10 g) = 3.39 mW/g
Maximum value of SAR (measured) = 4.719 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 4.708 mW/g

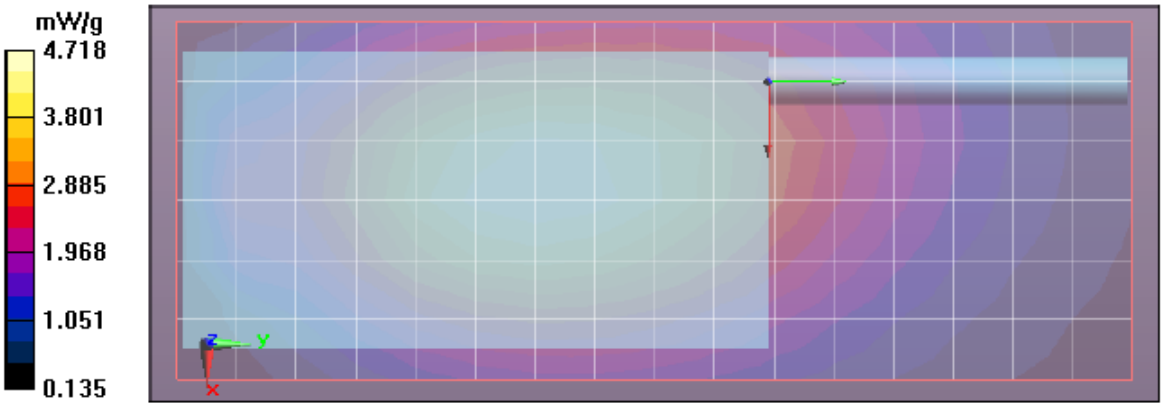


Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 9:29:47 AM, Date/Time: 6/25/2011 9:42:52 AM, Date/Time: 6/25/2011 9:45:50 AM, Date/Time: 6/25/2011 9:53:08 AM

Robot# / Run#: DASY5-FL-1 / EvH-Ab-110625-06
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN8092A
Carry Acc. / Cable Acc.: PMLN5658A / PMLN5275C
Start Power: 5.56 (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: 5.77 mW/g (1g); 4.32 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 69.762 V/m; Power Drift = -0.15 dB
Motorola Fast SAR: SAR(1 g) = 5.83 mW/g; SAR(10 g) = 4.33 mW/g
Maximum value of SAR (interpolated) = 6.114 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 69.762 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 5.73 mW/g; SAR(10 g) = 4.26 mW/g
Maximum value of SAR (interpolated) = 5.996 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 69.762 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 7.583 W/kg
SAR(1 g) = 5.68 mW/g; SAR(10 g) = 4.28 mW/g
Maximum value of SAR (measured) = 5.948 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 5.881 mW/g

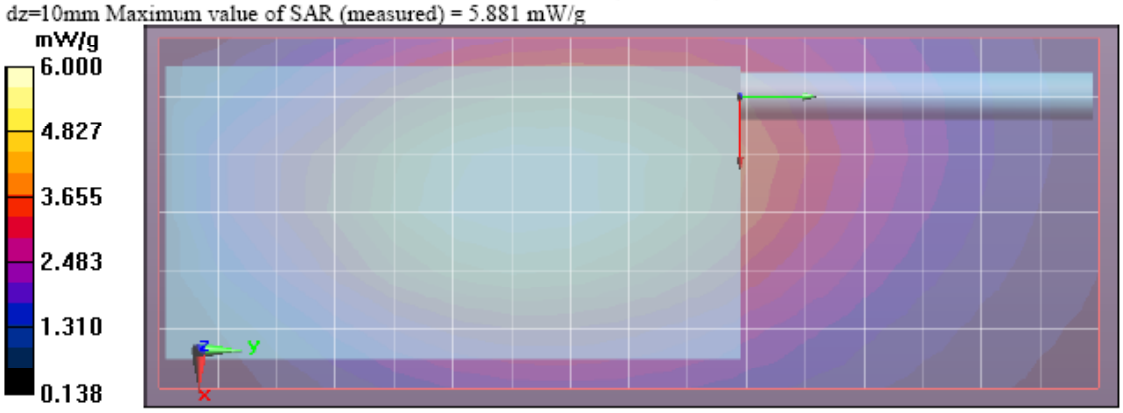


Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 10:11:46 AM, Date/Time: 6/25/2011 10:24:52 AM, Date/Time: 6/25/2011 10:27:49 AM, Date/Time: 6/25/2011 10:35:08 AM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110625-07
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: PMLN5657A / PMLN5275C
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 SAR: 3.06 mW/g (1g); 2.32 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 52.673 V/m; Power Drift = -0.10 dB
Motorola Fast SAR: SAR(1 g) = 3.05 mW/g; SAR(10 g) = 2.28 mW/g
Maximum value of SAR (interpolated) = 3.193 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 52.673 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 3.02 mW/g; SAR(10 g) = 2.26 mW/g
Maximum value of SAR (interpolated) = 3.162 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.673 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.956 W/kg
SAR(1 g) = 3.01 mW/g; SAR(10 g) = 2.3 mW/g
Maximum value of SAR (measured) = 3.143 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 3.122 mW/g

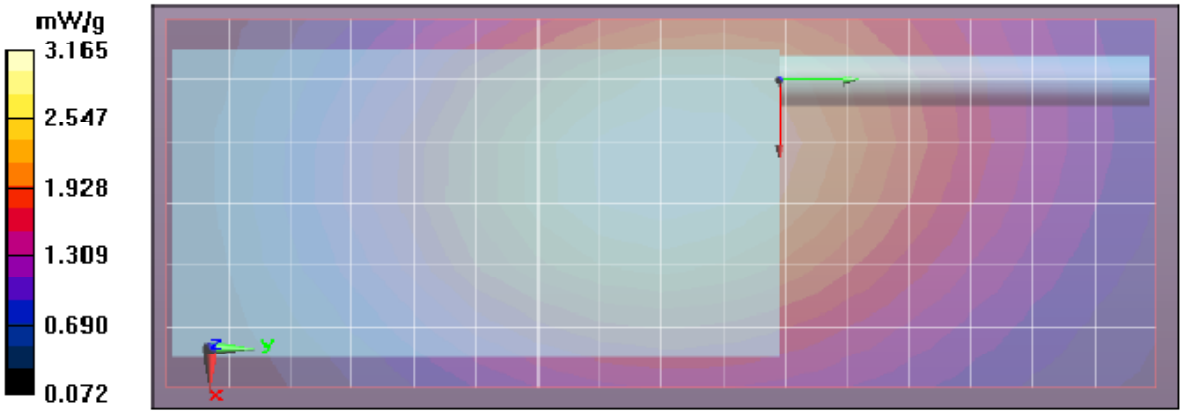


Table 27

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 12:10:30 PM, Date/Time: 6/25/2011 12:23:35 PM, Date/Time: 6/25/2011 12:26:33 PM, Date/Time: 6/25/2011 12:33:51 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110625-10
Phantom# / Tissue Temp.: OVAL1090 / 21.7 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN8092A
Carry Acc. / Cable Acc.: PMLN5657A / PMLN5275C
Start Power: 5.56 (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: 2.45 mW/g (1g); 1.86 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 46.934 V/m; Power Drift = -0.059 dB
Motorola Fast SAR: SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.82 mW/g
Maximum value of SAR (interpolated) = 2.557 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 46.934 V/m; Power Drift = -0.086 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.81 mW/g
Maximum value of SAR (interpolated) = 2.531 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.934 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 3.170 W/kg
SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.84 mW/g
Maximum value of SAR (measured) = 2.519 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 2.493 mW/g

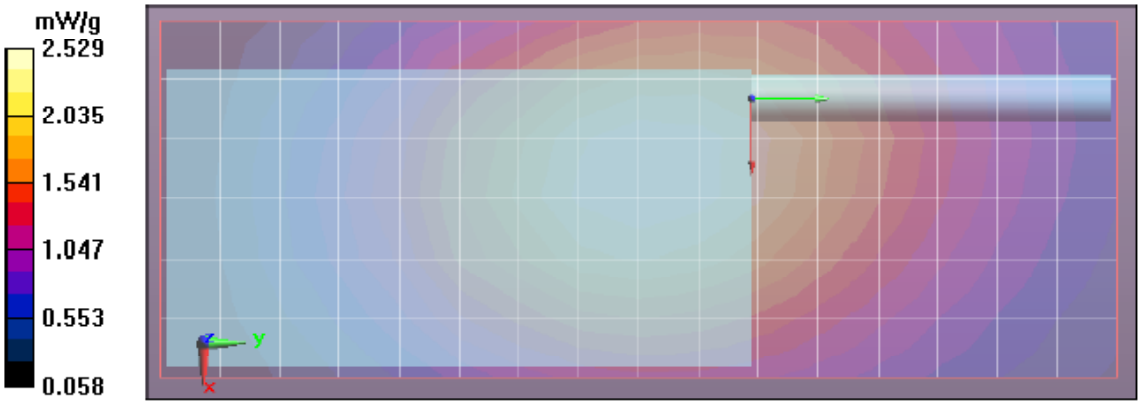


Table 28

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 3:24:26 PM, Date/Time: 6/25/2011 3:39:42 PM, Date/Time: 6/25/2011 3:42:40 PM, Date/Time: 6/25/2011 3:50:00 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110625-14
Phantom# / Tissue Temp.: OVAL1090 / 21.7 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: PMLN5660A / PMLN5275C
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 SAR: 5.97 mW/g (1g); 4.46 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 67.685 V/m; Power Drift = -0.11 dB
Motorola Fast SAR: SAR(1 g) = 5.95 mW/g; SAR(10 g) = 4.42 mW/g
Maximum value of SAR (interpolated) = 6.248 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 67.685 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 5.89 mW/g; SAR(10 g) = 4.36 mW/g
Maximum value of SAR (interpolated) = 6.161 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 67.685 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 7.854 W/kg
SAR(1 g) = 5.88 mW/g; SAR(10 g) = 4.42 mW/g
Maximum value of SAR (measured) = 6.167 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 6.098 mW/g

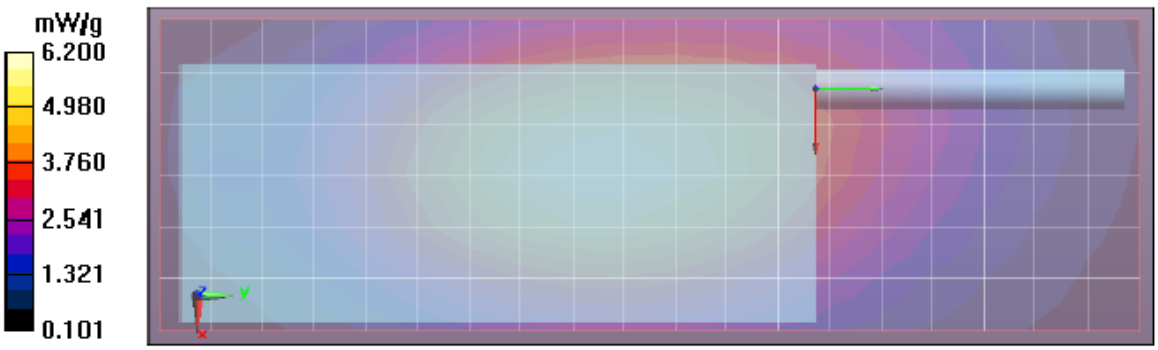


Table 29

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 4:58:43 PM, Date/Time: 6/25/2011 5:14:44 PM, Date/Time: 6/25/2011 5:17:40 PM, Date/Time: 6/25/2011 5:24:59 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110625-16
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: PMLN5660A / PMLN5275C
Start Power: 5.55 (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: 4.81 mW/g (1g); 3.59 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 58.061 V/m; Power Drift = -0.14 dB
Motorola Fast SAR: SAR(1 g) = 4.8 mW/g; SAR(10 g) = 3.56 mW/g
Maximum value of SAR (interpolated) = 5.036 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 58.061 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 4.77 mW/g; SAR(10 g) = 3.53 mW/g
Maximum value of SAR (interpolated) = 4.991 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.061 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 6.323 W/kg
SAR(1 g) = 4.73 mW/g; SAR(10 g) = 3.56 mW/g
Maximum value of SAR (measured) = 4.952 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.938 mW/g

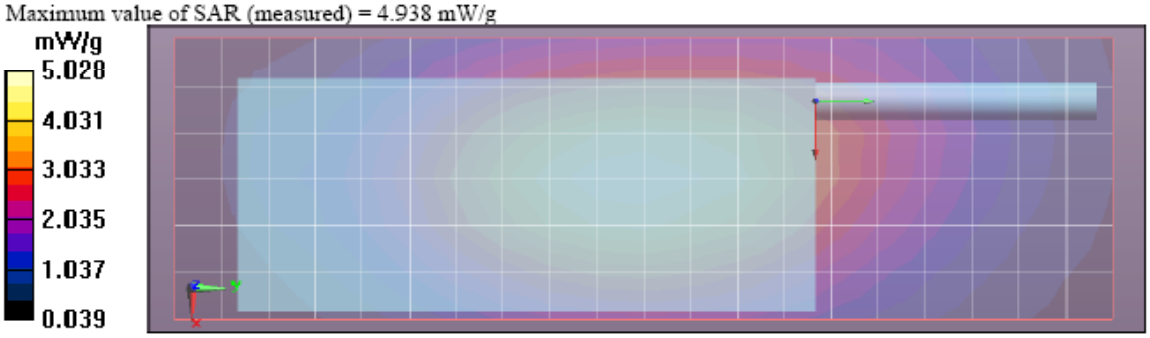


Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 5:38:55 PM, Date/Time: 6/25/2011 5:54:55 PM, Date/Time: 6/25/2011 5:57:54 PM, Date/Time: 6/25/2011 6:05:13 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110625-17
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: PMLN5659A / PMLN5275C
Start Power: 5.53 (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: 2.93 mW/g (1g); 2.23 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 47.021 V/m; Power Drift = -0.023 dB
Motorola Fast SAR: SAR(1 g) = 2.9 mW/g; SAR(10 g) = 2.16 mW/g
Maximum value of SAR (interpolated) = 3.042 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 47.021 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 2.89 mW/g; SAR(10 g) = 2.16 mW/g
Maximum value of SAR (interpolated) = 3.024 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.021 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 3.787 W/kg
SAR(1 g) = 2.88 mW/g; SAR(10 g) = 2.21 mW/g
Maximum value of SAR (measured) = 3.008 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.996 mW/g

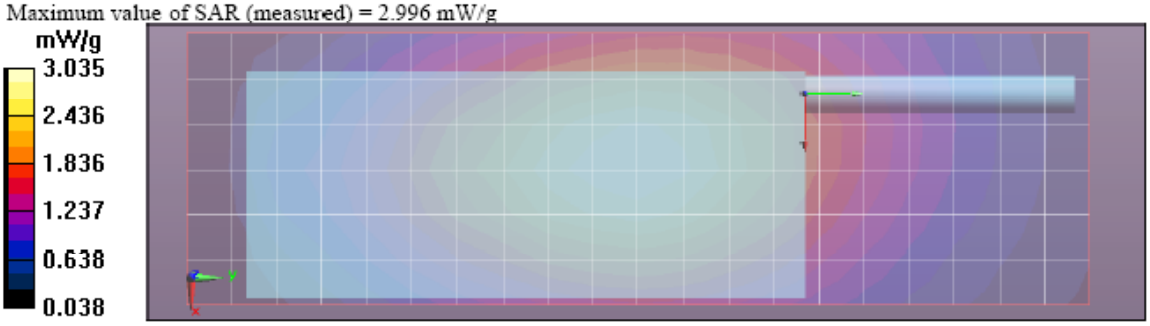


Table 31

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2011 7:43:02 PM, Date/Time: 6/25/2011 7:59:03 PM, Date/Time: 6/25/2011 8:02:01 PM, Date/Time: 6/25/2011 8:09:20 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110625-20
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: PMLN5659A / PMLN5275C
Start Power: 5.55 (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: 2.35 mW/g (1g); 1.78 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.688 V/m; Power Drift = -0.25 dB
Motorola Fast SAR: SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.74 mW/g
Maximum value of SAR (interpolated) = 2.437 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 44.688 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.73 mW/g
Maximum value of SAR (interpolated) = 2.425 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.688 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 3.045 W/kg
SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.76 mW/g
Maximum value of SAR (measured) = 2.417 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.433 mW/g

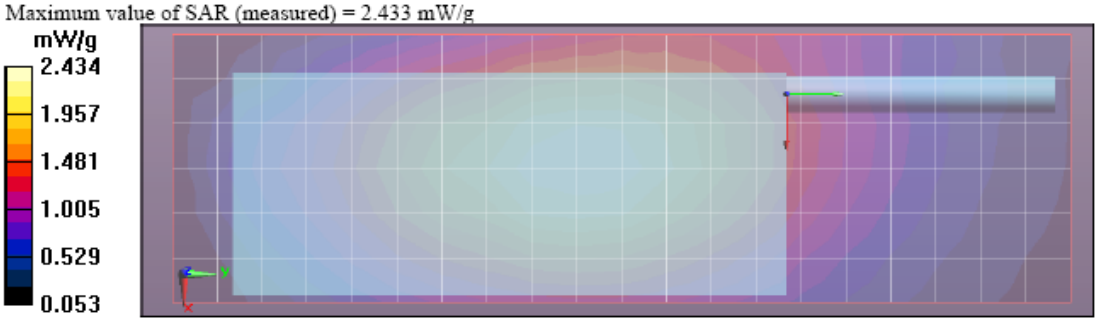


Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 6:30:32 AM, Date/Time: 7/16/2011 6:43:37 AM, Date/Time: 7/16/2011 6:46:34 AM, Date/Time: 7/16/2011 6:53:53 AM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-02
Phantom# / Tissue Temp.: OVAL1090 / 22.0 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: PMLN5658A w/ NTN5243A / PMLN5275C
Start Power: 5.60 (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: 4.72 mW/g (1g); 3.54 mW/g (10g)

Comments: Back.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 61.987 V/m; Power Drift = -0.21 dB
Motorola Fast SAR: SAR(1 g) = 4.93 mW/g; SAR(10 g) = 3.66 mW/g
Maximum value of SAR (interpolated) = 5.171 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 61.987 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 4.81 mW/g; SAR(10 g) = 3.56 mW/g
Maximum value of SAR (interpolated) = 5.033 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.987 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 6.209 W/kg
SAR(1 g) = 4.65 mW/g; SAR(10 g) = 3.51 mW/g
Maximum value of SAR (measured) = 4.861 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 4.820 mW/g

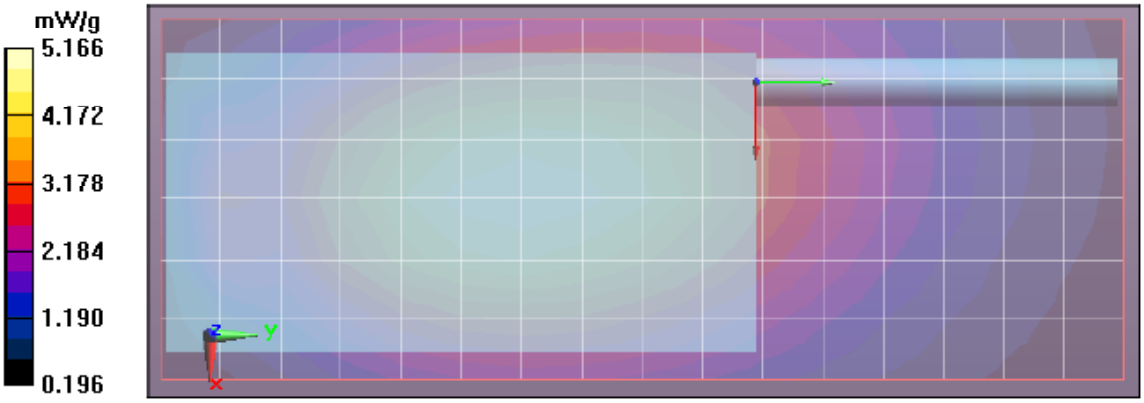


Table 33

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 8:51:47 AM, Date/Time: 7/16/2011 9:04:49 AM, Date/Time: 7/16/2011 9:07:45 AM, Date/Time: 7/16/2011 9:15:01 AM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-05
Phantom# / Tissue Temp.: OVAL1090 / 22.0 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN8092A
Carry Acc. / Cable Acc.: PMLN5658A w/ NTN5243A / PMLN5275C
Start Power: 5.60 (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: 4.61 mW/g (1g); 3.44 mW/g (10g)

Comments: Back.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid. dx=15mm, dy=15mm
Reference Value = 59.618 V/m; Power Drift = -0.11 dB
Motorola Fast SAR: SAR(1 g) = 4.62 mW/g; SAR(10 g) = 3.43 mW/g
Maximum value of SAR (interpolated) = 4.852 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 59.618 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 4.58 mW/g; SAR(10 g) = 3.39 mW/g
Maximum value of SAR (interpolated) = 4.798 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.618 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 6.072 W/kg
SAR(1 g) = 4.54 mW/g; SAR(10 g) = 3.41 mW/g
Maximum value of SAR (measured) = 4.758 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 4.712 mW/g

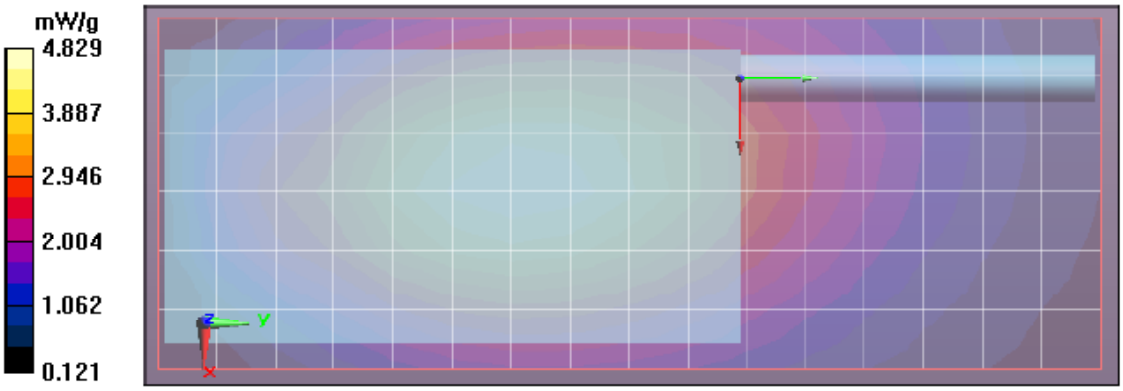


Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 9:31:44 AM, Date/Time: 7/16/2011 9:44:47 AM, Date/Time: 7/16/2011 9:47:43 AM, Date/Time: 7/16/2011 9:55:01 AM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-06
Phantom# / Tissue Temp.: OVAL1090 / 22.0 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: PMLN5657A w/ NTN5243A / PMLN5275C
Start Power: 5.60 (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: 6.88 mW/g (1g); 4.75 mW/g (10g)

Comments: Back.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 66.142 V/m; Power Drift = -0.26 dB
Motorola Fast SAR: SAR(1 g) = 7.07 mW/g; SAR(10 g) = 5.05 mW/g
Maximum value of SAR (interpolated) = 7.650 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 66.142 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 7.09 mW/g; SAR(10 g) = 4.98 mW/g
Maximum value of SAR (interpolated) = 7.924 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.142 V/m; Power Drift = -0.46 dB
Peak SAR (extrapolated) = 10.636 W/kg
SAR(1 g) = 6.77 mW/g; SAR(10 g) = 4.71 mW/g
Maximum value of SAR (measured) = 7.123 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 7.115 mW/g

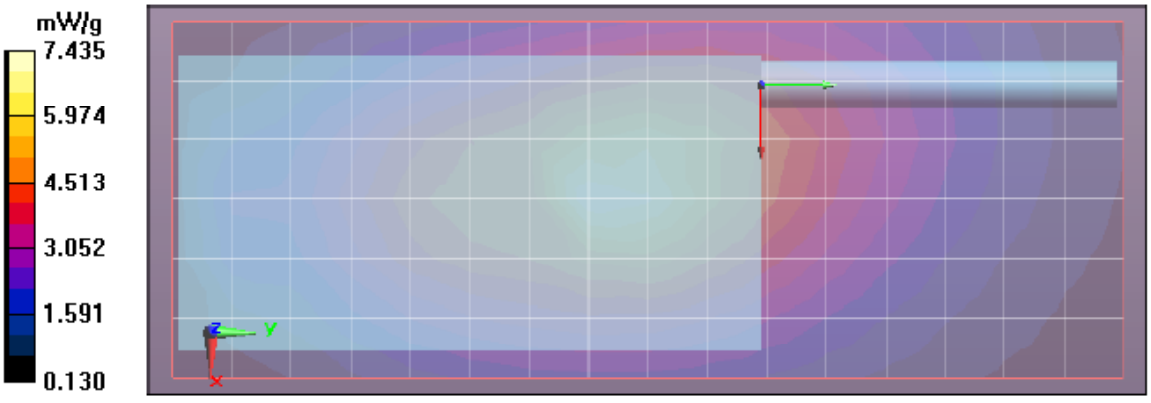


Table 35

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 11:57:45 AM, Date/Time: 7/16/2011 12:10:47 PM, Date/Time: 7/16/2011 12:13:44 PM, Date/Time: 7/16/2011 12:21:02 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-10
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN8092A
Carry Acc. / Cable Acc.: PMLN5657A w/ NTN5243A / PMLN5275C
Start Power: 5.58 (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: 7.09 mW/g (1g); 5.00 mW/g (10g)

Comments: Back.Without belt loop.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 70.408 V/m; Power Drift = -0.51 dB
Motorola Fast SAR: SAR(1 g) = 7.5 mW/g; SAR(10 g) = 5.41 mW/g
Maximum value of SAR (interpolated) = 7.970 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 70.408 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 7.26 mW/g; SAR(10 g) = 5.19 mW/g
Maximum value of SAR (interpolated) = 7.818 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.408 V/m; Power Drift = -0.80 dB
Peak SAR (extrapolated) = 10.404 W/kg
SAR(1 g) = 6.98 mW/g; SAR(10 g) = 4.95 mW/g
Maximum value of SAR (measured) = 7.404 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 7.173 mW/g

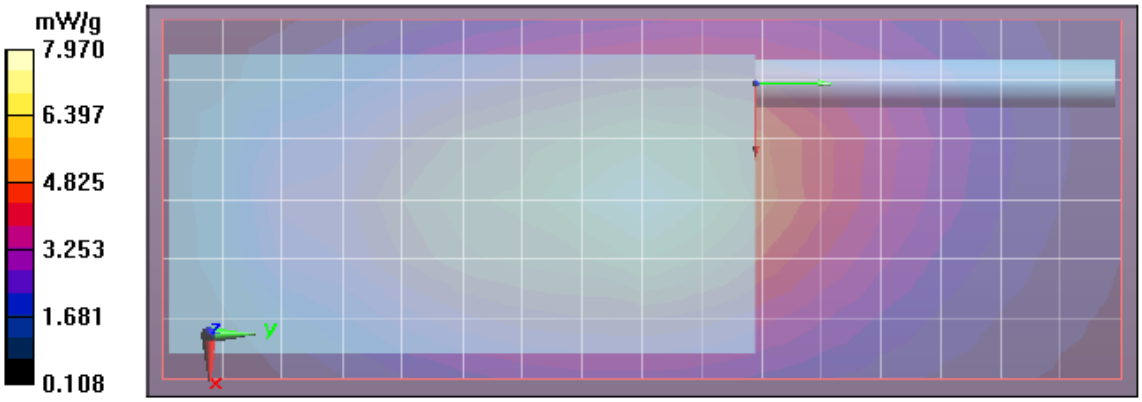


Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 12:38:03 PM, Date/Time: 7/16/2011 12:53:19 PM, Date/Time: 7/16/2011 12:56:17 PM, Date/Time: 7/16/2011 1:03:36 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-11
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: PMLN5660A w/ NTN5243A / PMLN5275C
Start Power: 5.60 (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: 5.67 mW/g (1g); 4.24 mW/g (10g)

Comments: Back

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GIIz-Rev.4e/Ab Scan/1-Area Scan (61x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 64.430 V/m; Power Drift = -0.12 dB
Motorola Fast SAR: SAR(1 g) = 5.66 mW/g; SAR(10 g) = 4.21 mW/g
Maximum value of SAR (interpolated) = 5.938 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 64.430 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 5.6 mW/g; SAR(10 g) = 4.16 mW/g
Maximum value of SAR (interpolated) = 5.868 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.430 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 7.448 W/kg
SAR(1 g) = 5.58 mW/g; SAR(10 g) = 4.2 mW/g
Maximum value of SAR (measured) = 5.838 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 5.792 mW/g

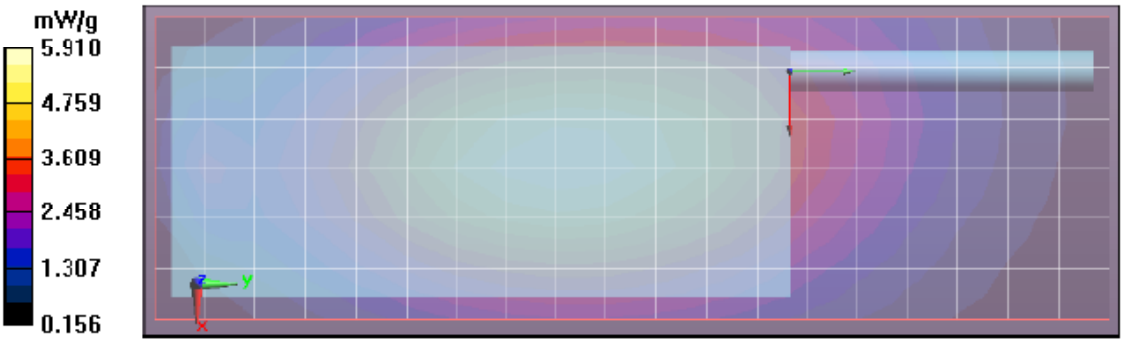


Table 37

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 1:58:46 PM, Date/Time: 7/16/2011 2:14:03 PM, Date/Time: 7/16/2011 2:17:03 PM, Date/Time: 7/16/2011 2:25:51 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-13
Phantom# / Tissue Temp.: OVAL1090 / 21.8 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: PMLN5660A w/ NTN5243A / PMLN5275C
Start Power: 5.60 (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: 4.82 mW/g (1g); 3.61 mW/g (10g)

Comments: Back.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 58.631 V/m; Power Drift = -0.33 dB
Motorola Fast SAR: SAR(1 g) = 4.68 mW/g; SAR(10 g) = 3.48 mW/g
Maximum value of SAR (interpolated) = 4.916 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 58.631 V/m; Power Drift = -0.36 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 4.72 mW/g; SAR(10 g) = 3.48 mW/g
Warning: Maximum averaged SAR over 1 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 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) = 5.093 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.631 V/m; Power Drift = -0.53 dB
Peak SAR (extrapolated) = 6.328 W/kg
SAR(1 g) = 4.74 mW/g; SAR(10 g) = 3.58 mW/g
Maximum value of SAR (measured) = 4.952 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 4.865 mW/g

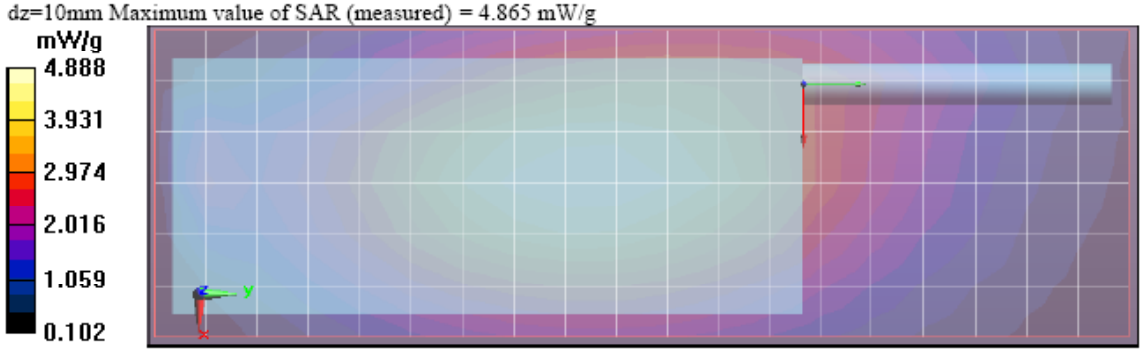


Table 38

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 2:42:09 PM, Date/Time: 7/16/2011 2:57:28 PM, Date/Time: 7/16/2011 3:00:25 PM, Date/Time: 7/16/2011 3:07:44 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-14
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: PMLN5659A w/ NTN5243A / PMLN5275C
Start Power: 5.60 (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: 8.10 mW/g (1g); 5.61 mW/g (10g)

Comments: Back. Without belt loop.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 71.627 V/m; Power Drift = -0.25 dB
Motorola Fast SAR: SAR(1 g) = 7.92 mW/g; SAR(10 g) = 5.67 mW/g
Maximum value of SAR (interpolated) = 8.441 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 71.627 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 8.04 mW/g; SAR(10 g) = 5.74 mW/g
Maximum value of SAR (interpolated) = 8.584 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 71.627 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 12.158 W/kg
SAR(1 g) = 7.97 mW/g; SAR(10 g) = 5.56 mW/g
Maximum value of SAR (measured) = 8.374 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 8.284 mW/g

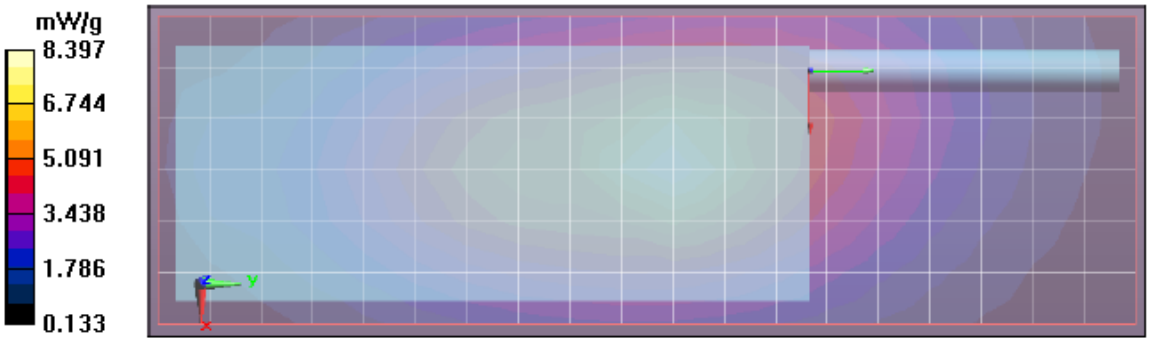


Table 39

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2011 5:16:17 PM, Date/Time: 7/16/2011 5:31:38 PM, Date/Time: 7/16/2011 5:34:35 PM, Date/Time: 7/16/2011 5:41:52 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110716-18
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 450.0000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: PMLN5659A w/ NTN5243A / PMLN5275C
Start Power: 5.60 (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: 7.43 mW/g (1g); 4.95 mW/g (10g)

Comments: Back. Without belt loop.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (61x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 63.536 V/m; Power Drift = 0.42 dB
Motorola Fast SAR: SAR(1 g) = 7.17 mW/g; SAR(10 g) = 4.98 mW/g
Maximum value of SAR (interpolated) = 7.770 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 63.536 V/m; Power Drift = 0.34 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 7.53 mW/g; SAR(10 g) = 5.26 mW/g
Maximum value of SAR (interpolated) = 8.313 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 63.536 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 12.258 W/kg
SAR(1 g) = 7.31 mW/g; SAR(10 g) = 4.9 mW/g
Maximum value of SAR (measured) = 7.630 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 7.545 mW/g

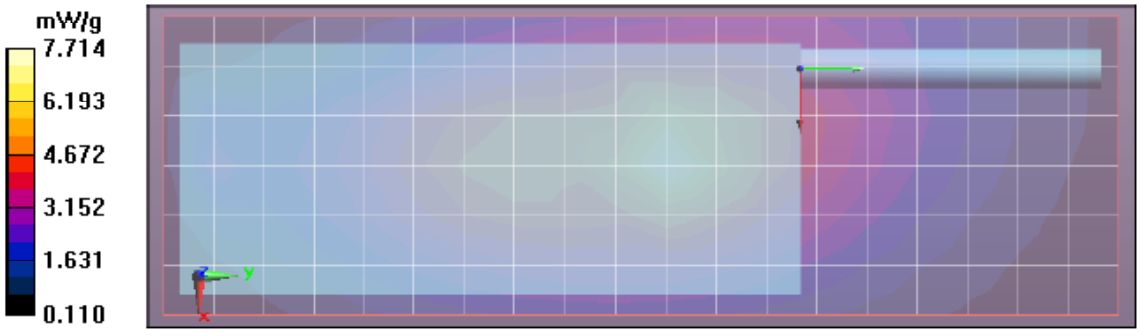


Table 40

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

Table 42

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

APPENDIX G
DUT Scans for entire DUT Frequency range

(Same scans as indicated in Appendix F for table 12-16, 18-40, and 42)

Table 43

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/29/2011 5:49:50 PM, Date/Time: 6/29/2011 6:02:58 PM, Date/Time: 6/29/2011 6:05:56 PM, Date/Time: 6/29/2011 6:13:15 PM

Robot# / Run#: DASY5-FL-1 / CM-Face-110629-12
Phantom# / Tissue Temp.: OVAL1016 / 21.7 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 516.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.53 (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: 3.62 mW/g (1g); 2.70 mW/g (10g)

Comments: Front

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(6.53, 6.53, 6.53)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 516 MHz; σ = 0.91 mho/m; ε_r = 43.3; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Face Scan/1-Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 60.661 V/m; Power Drift = -0.054 dB
Motorola Fast SAR: SAR(1 g) = 3.7 mW/g; SAR(10 g) = 2.75 mW/g
Maximum value of SAR (interpolated) = 3.876 mW/g

Below 3 GHz-Rev.4e/Face Scan/2-Volume Scan 2D (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 60.661 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 3.66 mW/g; SAR(10 g) = 2.72 mW/g
Maximum value of SAR (interpolated) = 3.832 mW/g

Below 3 GHz-Rev.4e/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.661 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 4.734 W/kg
SAR(1 g) = 3.61 mW/g; SAR(10 g) = 2.7 mW/g
Maximum value of SAR (measured) = 3.781 mW/g

Below 3 GHz-Rev.4e/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.755 mW/g

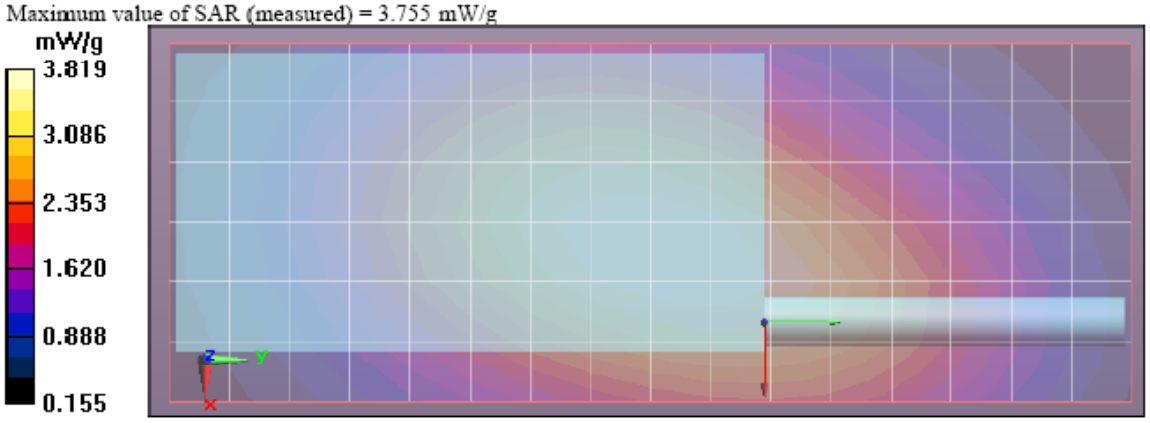


Table 44

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/18/2011 9:33:00 PM, Date/Time: 7/18/2011 9:46:08 PM, Date/Time: 7/18/2011 9:49:05 PM, Date/Time: 7/18/2011 9:56:25 PM

Robot# / Run#: DASY5-FL-1 / CM-Ab-110718-19
Phantom# / Tissue Temp.: OVAL1090 / 21.7 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: FAF5260A / 520.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: PMLN5659A w/ NTN5243A / RMN5058A
Start Power: 5.56 (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: 7.12 mW/g (1g); 4.12 mW/g (10g)

Comments: Back. Without belt loop.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010
Duty Cycle: 1:1, Medium parameters used: f = 520 MHz; σ = 0.97 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 53.921 V/m; Power Drift = -0.097 dB
Motorola Fast SAR: SAR(1 g) = 6.46 mW/g; SAR(10 g) = 4.35 mW/g
Maximum value of SAR (interpolated) = 7.230 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 53.921 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 7.35 mW/g; SAR(10 g) = 4.6 mW/g
Maximum value of SAR (interpolated) = 8.664 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.921 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 14.831 W/kg
SAR(1 g) = 7.12 mW/g; SAR(10 g) = 4.12 mW/g
Maximum value of SAR (measured) = 7.578 mW/g

Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.643 mW/g

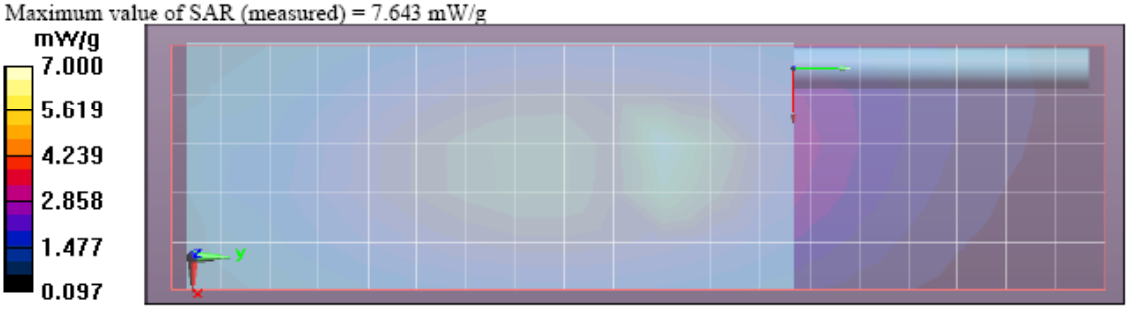


Table 45

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/29/2011 1:16:44 PM, Date/Time: 6/29/2011 1:28:01 PM, Date/Time: 6/29/2011 1:30:59 PM, Date/Time: 6/29/2011 1:38:18 PM

Robot# / Run#: DASY5-FL-1 / HvH-Ab-110629-06
Phantom# / Tissue Temp.: OVAL1090 / 21.9 (C)
DUT Model# / Serial#: H98SDD9PW5AN (NUE1017) / CAI110MCWF
Antenna / TX Freq.: PMAE4065A / 516.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: 4205823V08 REV.L / PMMN4060B
Start Power: 5.58 (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: 5.77 mW/g (1g); 4.12 mW/g (10g)

Comments: FAF5260A on radio, PSM power output = 4.86 watts.

Probe: ES3DV3 - SN3163, Calibrated: 4/13/2011, ConvF(7.01, 7.01, 7.01)
Electronics: DAE4 Sn1231, Calibrated: 9/21/2010

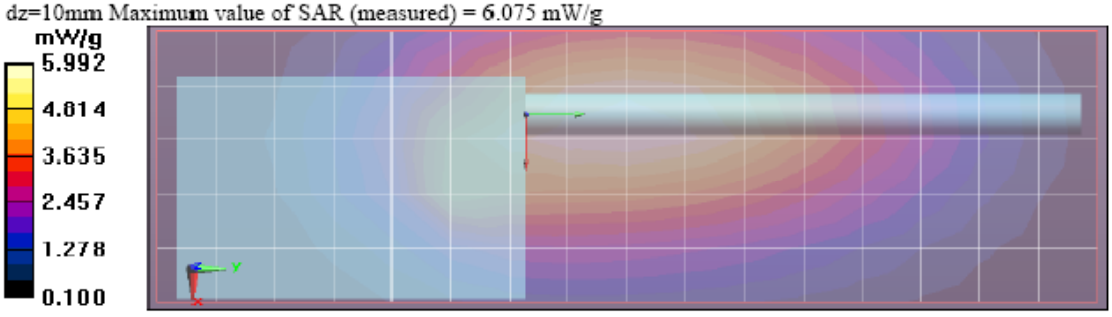
Duty Cycle: 1:1, Medium parameters used: f = 516 MHz; σ = 0.96 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3

Below 3 GHz-Rev.4e/Ab Scan/1-Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 70.395 V/m; Power Drift = 0.018 dB
Motorola Fast SAR: SAR(1 g) = 5.8 mW/g; SAR(10 g) = 4.23 mW/g
Maximum value of SAR (interpolated) = 6.109 mW/g

Below 3 GHz-Rev.4e/Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 70.395 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = Not Specified W/kg
Motorola Fast SAR: SAR(1 g) = 5.85 mW/g; SAR(10 g) = 4.25 mW/g
Maximum value of SAR (interpolated) = 6.146 mW/g

Below 3 GHz-Rev.4e/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.395 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 8.162 W/kg
SAR(1 g) = 5.77 mW/g; SAR(10 g) = 4.12 mW/g
Maximum value of SAR (measured) = 6.095 mW/g

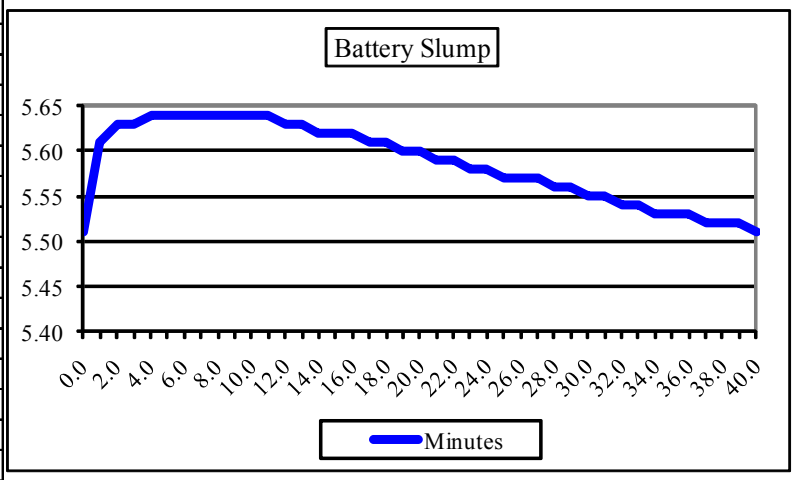
Below 3 GHz-Rev.4e/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm Maximum value of SAR (measured) = 6.075 mW/g



APPENDIX H
DUT Supplementary Data (Power Slump)

Battery	**NNTN7034A**	Transmit Mode	**CW**
Frequency	**450.00 MHz**	Audio Accessory	**RMN5058A**
Date	**7/21/2011**		

TX TIME	Measured Power
(minutes)	**Watts**
	Minutes
0.0	5.51
1.0	5.61
2.0	5.63
3.0	5.63
4.0	5.64
5.0	5.64
6.0	5.64
7.0	5.64
8.0	5.64
9.0	5.64
10.0	5.64
11.0	5.64
12.0	5.63
13.0	5.63
14.0	5.62
15.0	5.62
16.0	5.62
17.0	5.61
18.0	5.61
19.0	5.60
20.0	5.60
21.0	5.59
22.0	5.59
23.0	5.58
24.0	5.58
25.0	5.57
26.0	5.57
27.0	5.57
28.0	5.56
29.0	5.56
30.0	5.55
31.0	5.55
32.0	5.54
33.0	5.54
34.0	5.53
35.0	5.53
36.0	5.53
37.0	5.52
38.0	5.52
39.0	5.52
40.0	5.51



APPENDIX I
DUT Test Position photos

(Refers to Exhibit 7B for Photos)

APPENDIX J
DUT and Body worn Accessory Photos

(Refers to Exhibit 7B for Photos)