MOTOROLA SOLUTIONS

A2LA ACCREDITED
TESTING CERT # 2518.01

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 3

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

Date of Report: 01/22/2015
Report Revision: D

Responsible Engineer:	Stephen C. Whalen (Principal Staff Engineer/Manager)
Report Author:	Stephen C. Whalen (Principal Staff Engineer/Manager)
Date/s Tested:	02/19/14-03/16/14 & 04/24/2014-04/28/2014
Manufacturer/Location:	Motorola Solutions Inc., Schaumburg
Sector/Group/Div.:	AESS
Date submitted for test:	01/31/2014
DUT Description:	Handheld Portable – Frequency bands; LMR 136-174MHz, 764-776MHz, 794-824MHz & 851-869MHz; LTE 777-787MHz (band 13) & 788-798MHz (band 14); Bluetooth 2.402-2.480GHz
Test TX mode(s):	CW (PTT) & LTE
Max. Power output:	6.6W (VHF band), 2.99W (700MHz band), 3.6W (800MHz band), 320mW (LTE) & 12mW (Bluetooth)
Nominal Power:	6.0W (VHF band), 2.65W (700MHz band), 3.0W (800MHz band), 200mW (LTE) & 12mW (Bluetooth)
Tx Frequency Bands:	LMR 136-174MHz, 764-776MHz, 794-824MHz & 851-869MHz; LTE 777-787MHz (band 13) & 788-798MHz (band 14); Bluetooth 2.402-2.480GHz
Signaling type:	FM, TDMA, LTE, FHSS (Bluetooth)
Model(s) Tested:	H97TGD9PW1AN (NUR1066A)
Model(s) Certified:	H97TGD9PW1AN (NUR1065A, NUR1066A)
Serial Number(s):	655CPX0696 & 655CPX0694
Classification:	Occupational/Controlled
FCC ID:	AZ489FT7059; Rule Part 90 (150.8-173.4MHz, 764-775MHz, 788-798MHz (LTE), 794-824MHz & 851-869MHz); Rule Part 27 (777-787MHz); Rule Part 15 (2402-2480MHz) This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC:	109U-89FT7059; This report contains results that are immaterial for IC equipment approval, which are identified as LTE band 14 (788-798MHz).

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 OET Bulletin 65. 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 4.0 of this report. This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc 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.

Deanna Zakharia

Digitally signed by Deanna Zakharia
DN: cn=Deanna Zakharia, o=Motorola Solutions, ou=Regulatory Compliance Lab, email=edc015@motorolasolutions.com, c=US
Date: 2015.01.22 13:30:33 -05'00'

Deanna Zakharia
EMS EME Lab Senior Resource Manager,
Laboratory Director
Approval Date: 1/22/2015

Certification Date: 6/27/2014

Certification No.: L1140630P &
L1140631P

Appendix D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/19/2014 8:56:06 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-150B-140219-01
Dipole Model#	D300V3
Phantom#:	OVAL1090
Tissue Temp:	21.4 (C)
Serial#:	1014
Test Freq:	150 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.049 dB
Adjusted SAR (1W):	2.26 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 150 MHz; σ = 0.79 S/m; ε_r = 61.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 150 MHz, ConvF(7.85, 7.85, 7.85); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

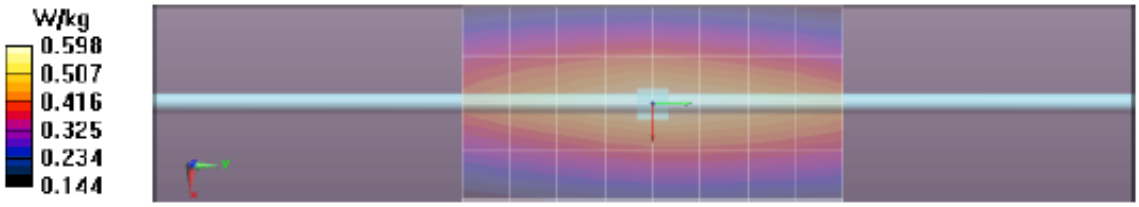
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 27.425 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.424 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.598 W/kg

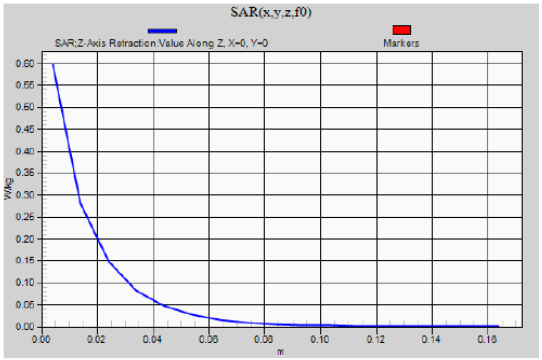
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.425 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.381 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.599 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/20/2014 8:47:32 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-150B-140220-01
Dipole Model#	D300V3
Phantom#:	OVAL1090
Tissue Temp:	21.1 (C)
Serial#:	1014
Test Freq:	150 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.049 dB
Adjusted SAR (1W):	2.28 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 150 MHz; σ = 0.79 S/m; ε_r = 61.3; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 150 MHz, ConvF(7.85, 7.85, 7.85); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

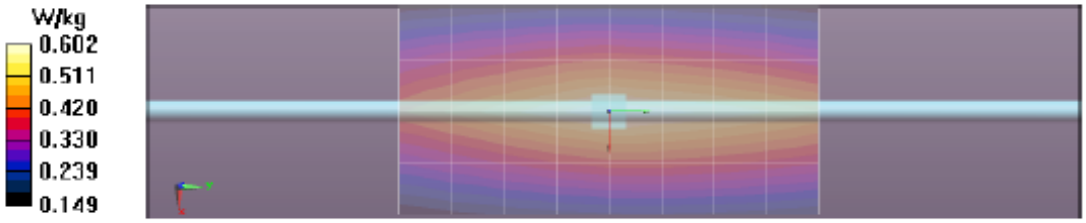
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 27.540 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.427 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.602 W/kg

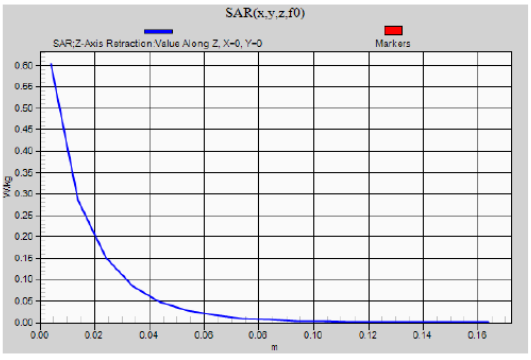
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.540 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.385 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.604 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.603 W/kg





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Date/Time: 2/21/2014 10:30:44 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140221-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	20.7 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.026 dB
Adjusted SAR (1W):	8.88 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.93 S/m; ε_r = 53.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

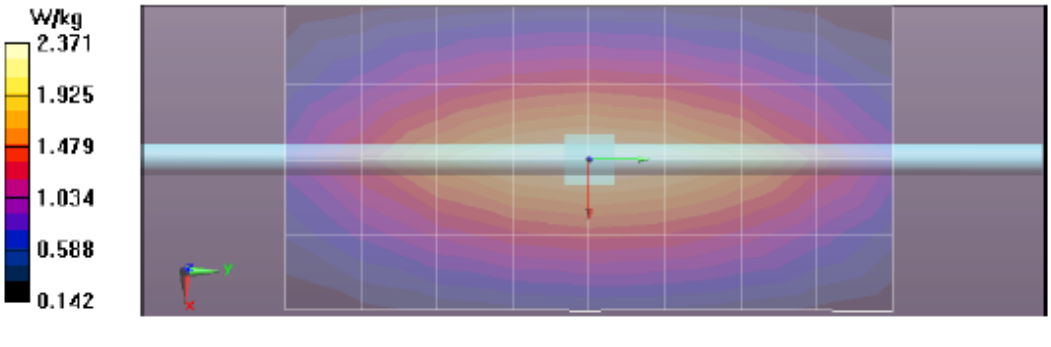
Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

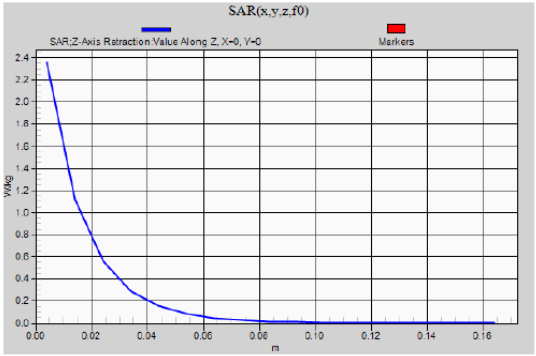
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.364 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.5 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.37 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.364 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.36 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/22/2014 4:30:32 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140222-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	22.1 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	9.12 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.94 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

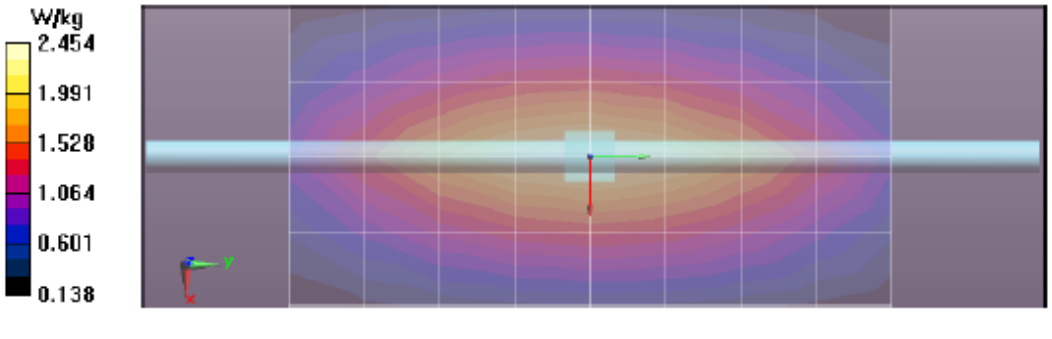
Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

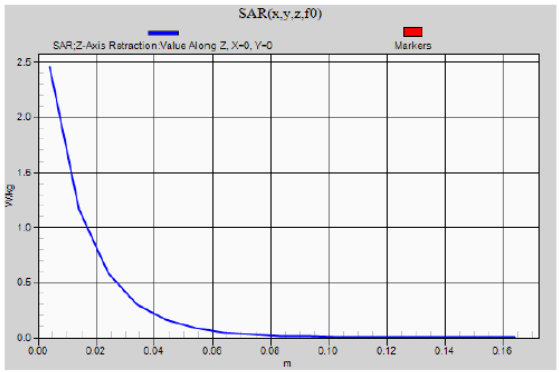
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.953 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.45 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.953 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.26 W/kg
SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.51 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.45 W/kg

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/23/2014 3:44:01 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140223-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	22.4 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	9.12 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.94 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

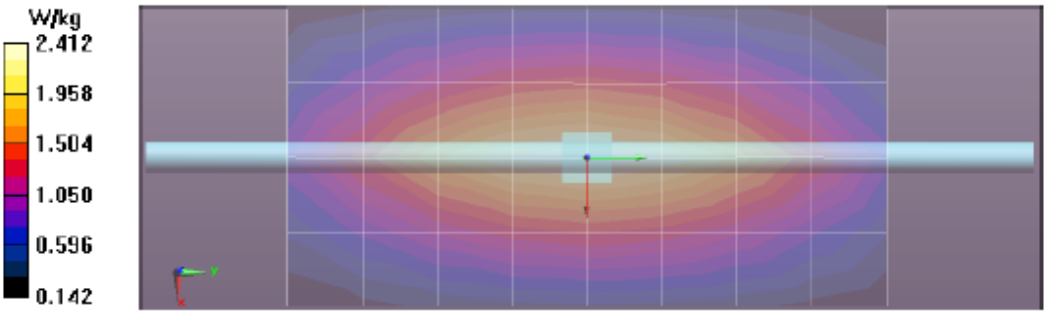
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.709 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.41 W/kg

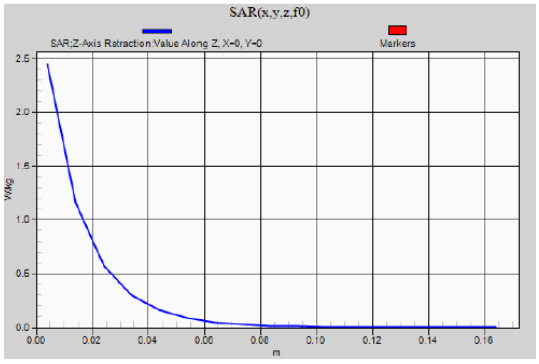
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.709 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.22 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.5 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.42 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.44 W/kg





Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/24/2014 8:39:18 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140224-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	22.0 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.028 dB
Adjusted SAR (1W):	8.84 mW/g (1g)

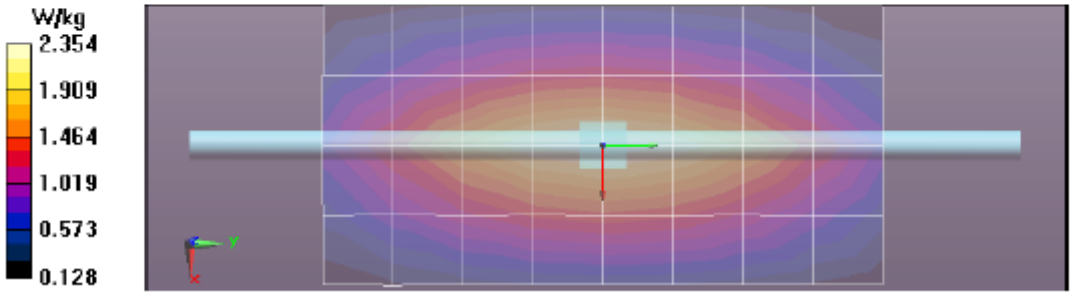
Comments:

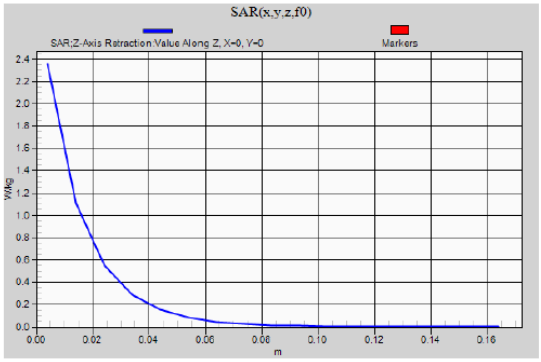
Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.94 S/m; ε_r = 54.3; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.851 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.48 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.35 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.851 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.36 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/25/2014 9:20:13 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140225-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	22.6 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	8.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.93 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

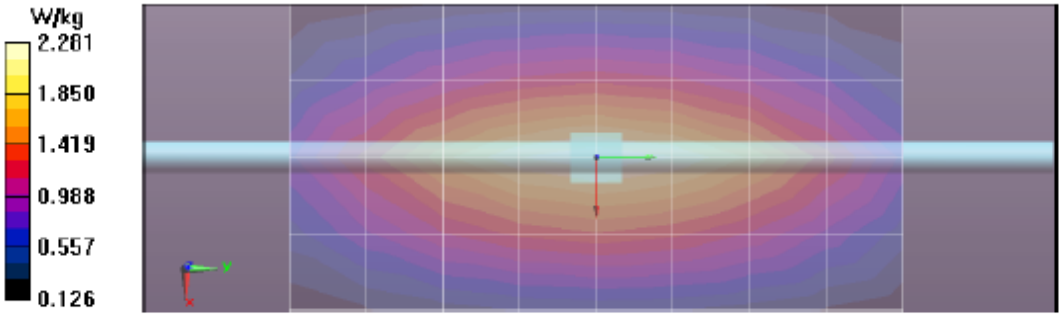
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.586 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.28 W/kg

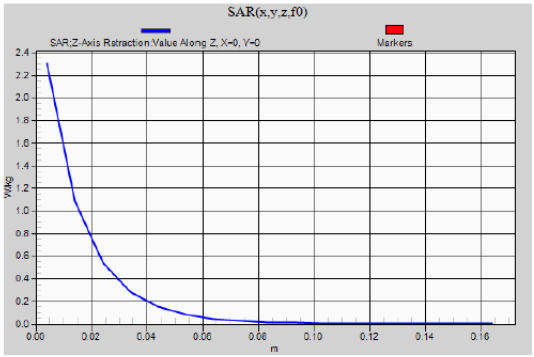
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.586 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.42 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.30 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/26/2014 8:55:07 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-900B-140226-01
Dipole Model#	D900V2
Phantom#:	OVAL1021
Tissue Temp:	22.5 (C)
Serial#:	084
Test Freq:	900 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.024 dB
Adjusted SAR (1W):	11.28 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.08 S/m; ε_r = 53.4; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(5.89, 5.89, 5.89); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

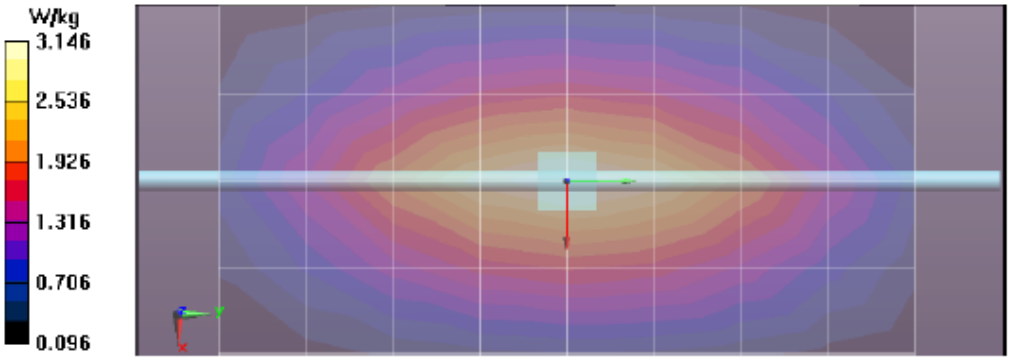
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.815 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.83 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.15 W/kg

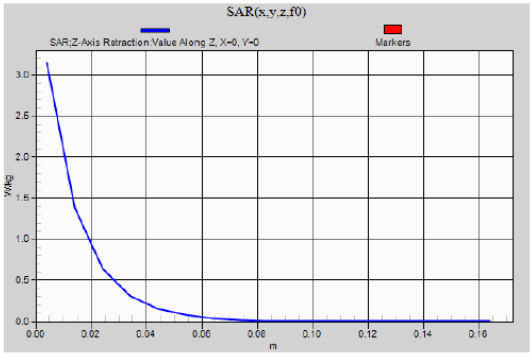
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.815 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.16 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/27/2014 8:36:50 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-900B-140227-01
Dipole Model#	D900V2
Phantom#:	OVAL1021
Tissue Temp:	22.2 (C)
Serial#:	084
Test Freq:	900 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	11.28 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.06 S/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(5.89, 5.89, 5.89); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

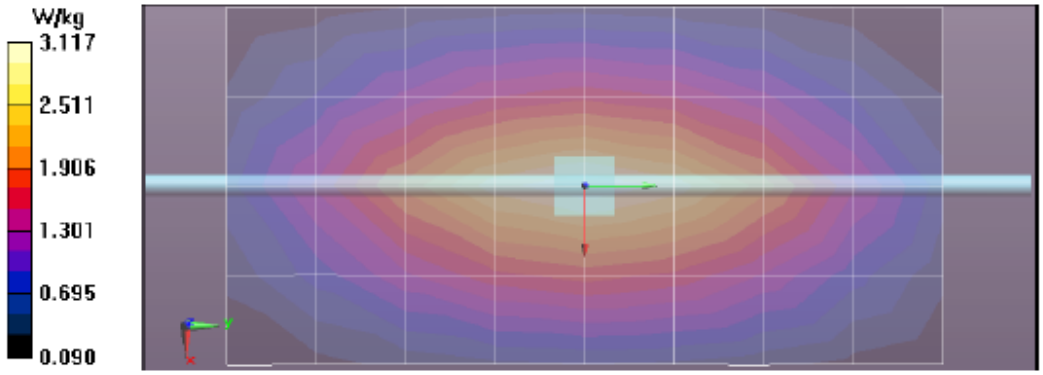
Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

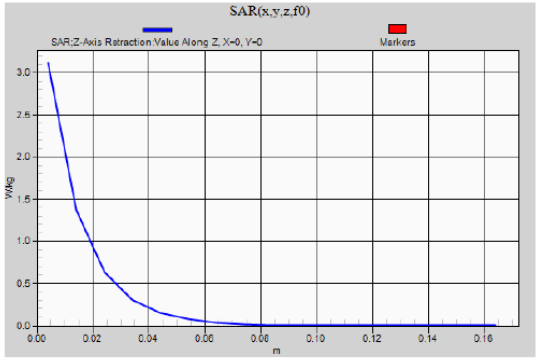
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 55.027 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.12 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 55.027 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 4.30 W/kg
SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.81 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/28/2014 11:34:59 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750H-140228-05
Dipole Model#	D750V3
Phantom#:	OVAL1019
Tissue Temp:	21.0 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.026 dB
Adjusted SAR (1W):	8.28 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.85 S/m; ε_r = 42.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

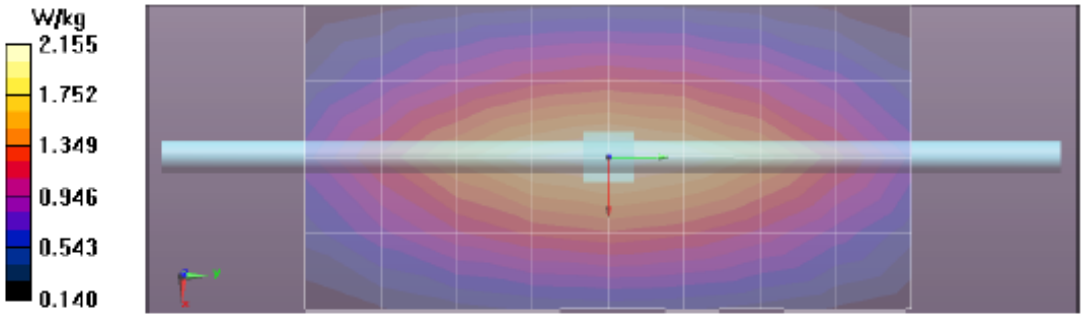
Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

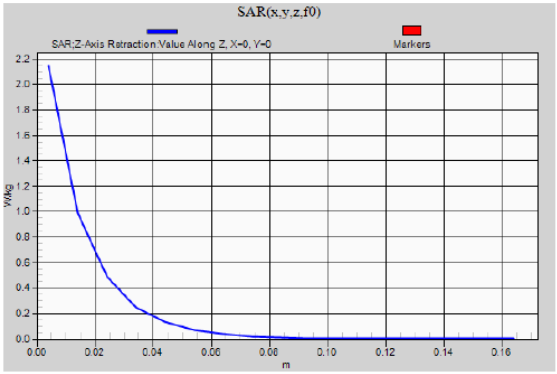
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.015 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.15 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.015 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.35 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/3/2014 9:10:55 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750H-140303-01
Dipole Model#	D750V3
Phantom#:	OVAL1019
Tissue Temp:	21.6 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.027 dB
Adjusted SAR (1W):	8.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.87 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

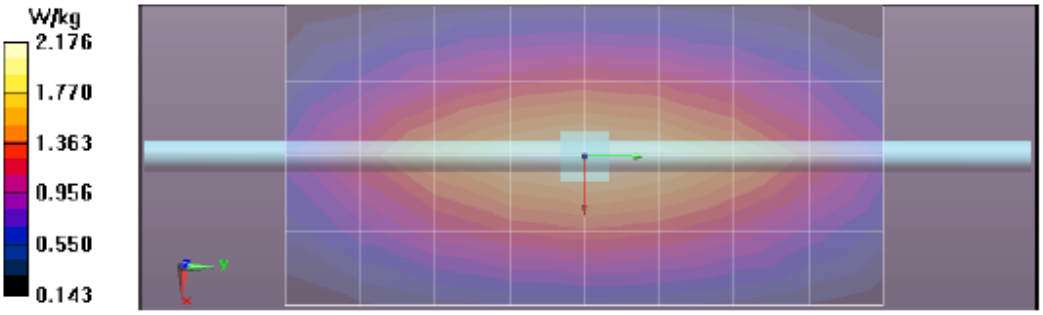
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.806 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.38 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.18 W/kg

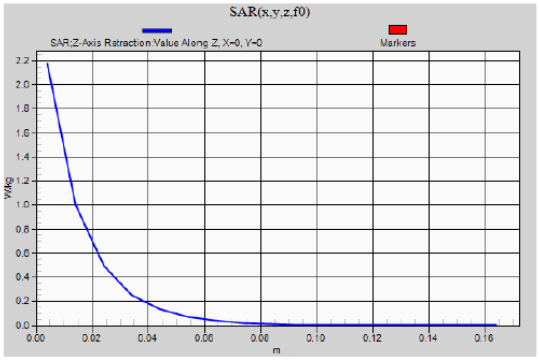
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.806 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.34 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.17 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/4/2014 9:51:09 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-900H-140304-01
Dipole Model#	D900V2
Phantom#:	OVAL1019
Tissue Temp:	22.1 (C)
Serial#:	084
Test Freq:	900 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.026 dB
Adjusted SAR (1W):	11.24 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1 S/m; ε_r = 40.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6.06, 6.06, 6.06); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

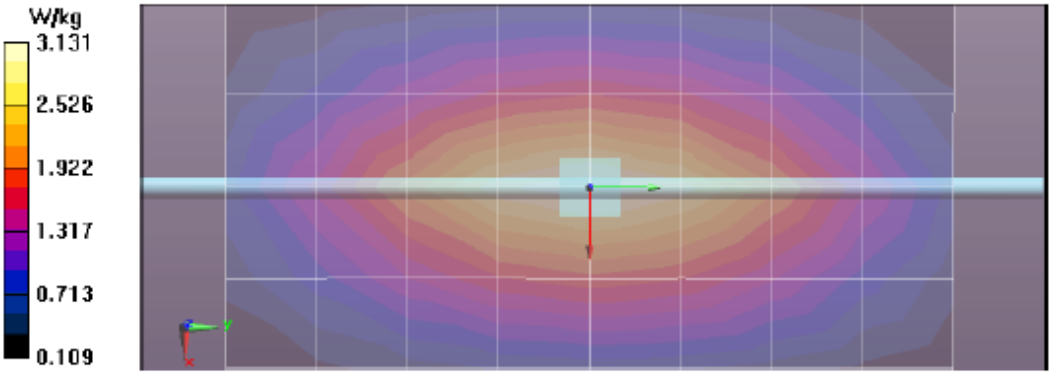
Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

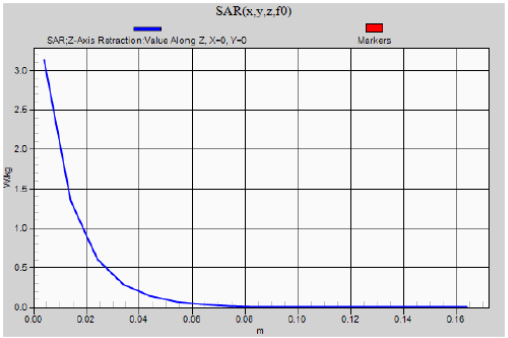
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 56.841 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.13 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.841 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 2.81 W/kg; SAR(10 g) = 1.8 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





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Date/Time: 3/5/2014 2:00:16 PM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140305-07
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	21.3 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.029 dB
Adjusted SAR (1W):	8.92 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.93 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

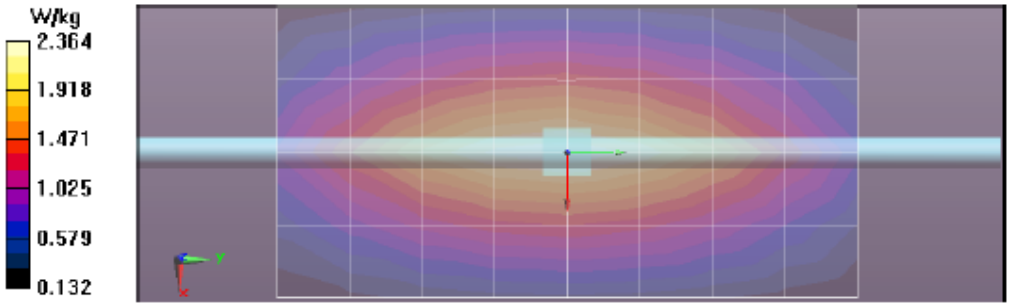
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.543 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.5 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.37 W/kg

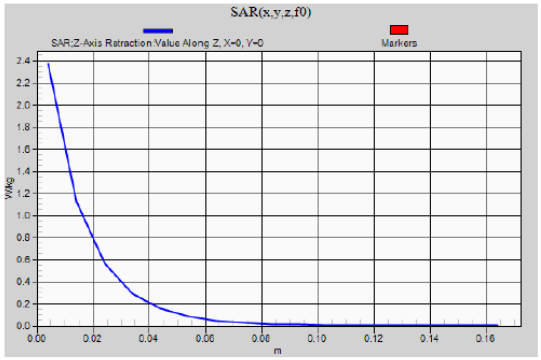
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.543 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.37 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.37 W/kg





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Date/Time: 3/5/2014 8:37:53 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-900H-140305-01
Dipole Model#	D900V2
Phantom#:	OVAL1019
Tissue Temp:	22.3 (C)
Serial#:	084
Test Freq:	900 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	10.8 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 0.98 S/m; ε_r = 39.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6.06, 6.06, 6.06); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

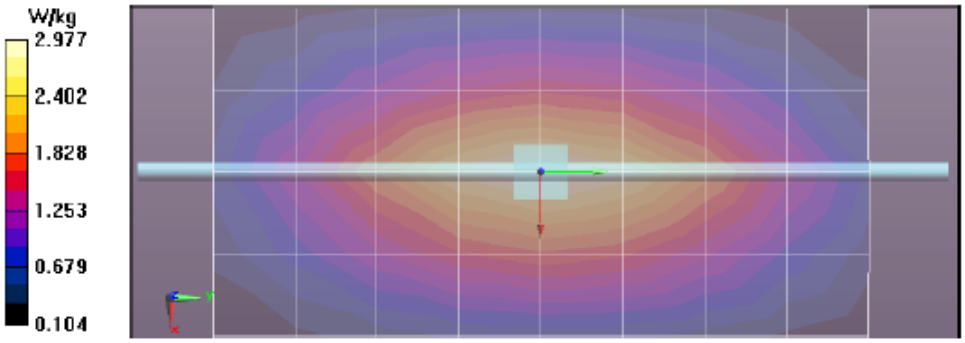
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 56.054 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.78 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.98 W/kg

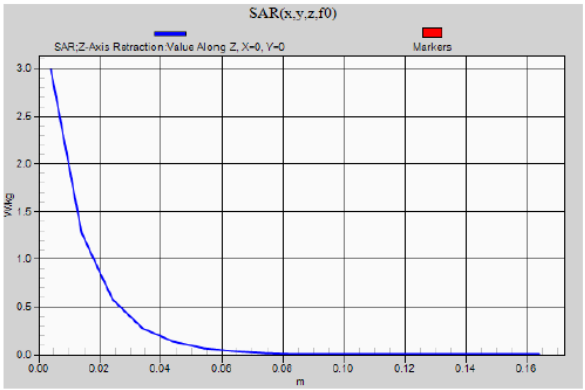
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.054 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.99 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.99 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/6/2014 8:42:22 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140306-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	22.5 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.033 dB
Adjusted SAR (1W):	8.76 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.94 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

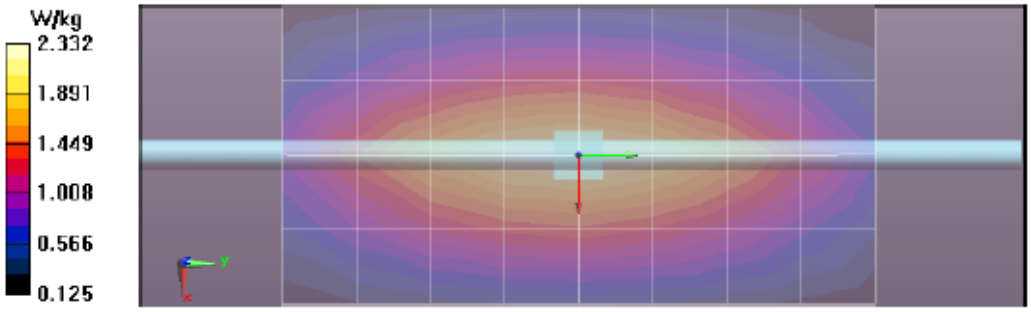
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.746 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.33 W/kg

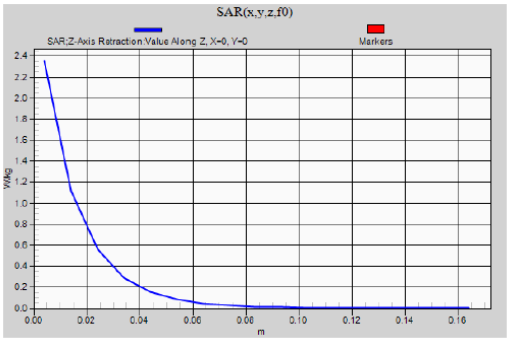
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.746 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.34 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.35 W/kg





Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/7/2014 9:56:12 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-900B-140307-01
Dipole Model#	D900V2
Phantom#:	OVAL1021
Tissue Temp:	21.7 (C)
Serial#:	084
Test Freq:	900 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	11.32 mW/g (1g)

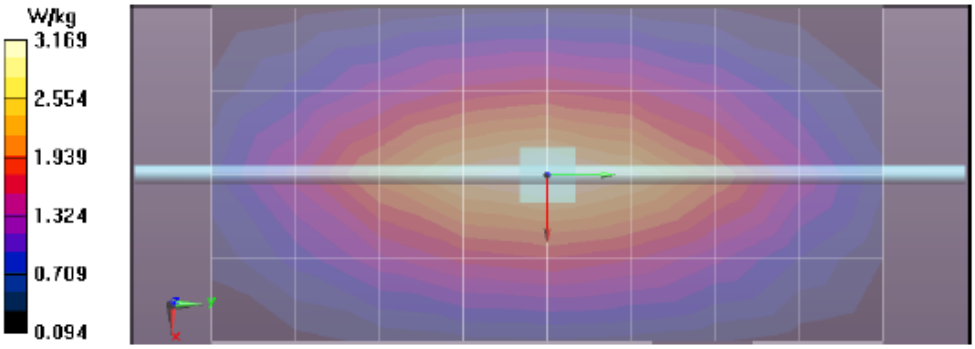
Comments:

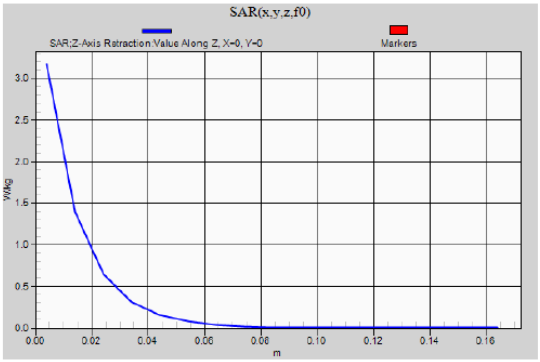
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.07 S/m; ε_r = 52.4; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(5.89, 5.89, 5.89); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 55.119 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.86 W/kg; SAR(10 g) = 1.87 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.17 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 55.119 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 2.83 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.15 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/8/2014 4:37:25 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750H-140308-02
Dipole Model#	D750V3
Phantom#:	OVAL1019
Tissue Temp:	22.0 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.028 dB
Adjusted SAR (1W):	8.40 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.85 S/m; ε_r = 42.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

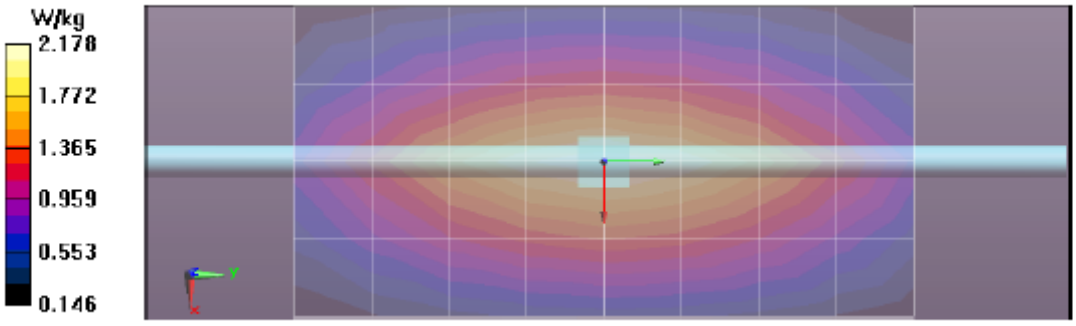
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.466 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.18 W/kg

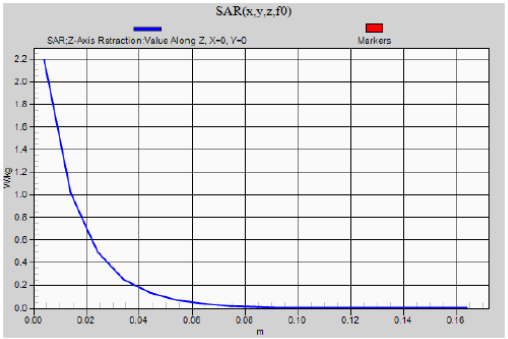
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.466 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.93 W/kg
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.38 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.19 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/10/2014 12:19:26 PM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750H-140310-01
Dipole Model#	D750V3
Phantom#:	OVAL1019
Tissue Temp:	21.4 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	8.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.85 S/m; ε_r = 42.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.346 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.09 W/kg

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement

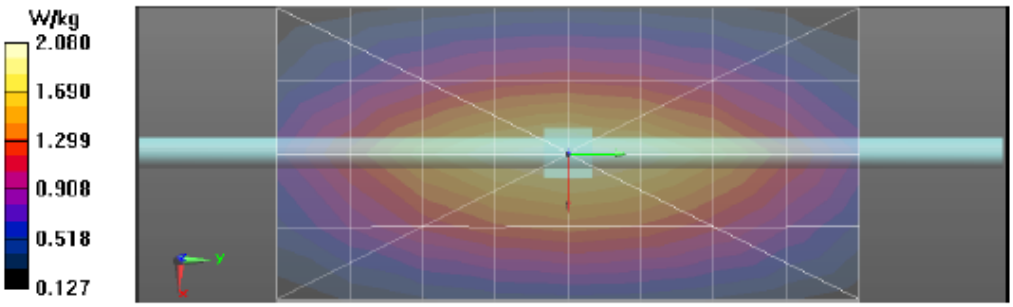
grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.08 W/kg

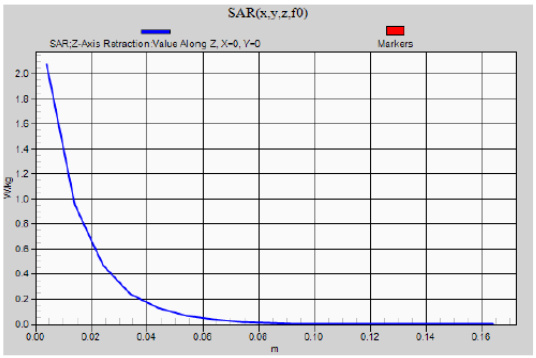
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.346 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.80 W/kg
SAR(1 g) = 2 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/11/2014 8:55:25 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-150H-140311-01
Dipole Model#	D300V3
Phantom#:	OVAL1109
Tissue Temp:	22.2 (C)
Serial#:	1014
Test Freq:	300 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.041 dB
Adjusted SAR (1W):	2.22 mW/g (1g)

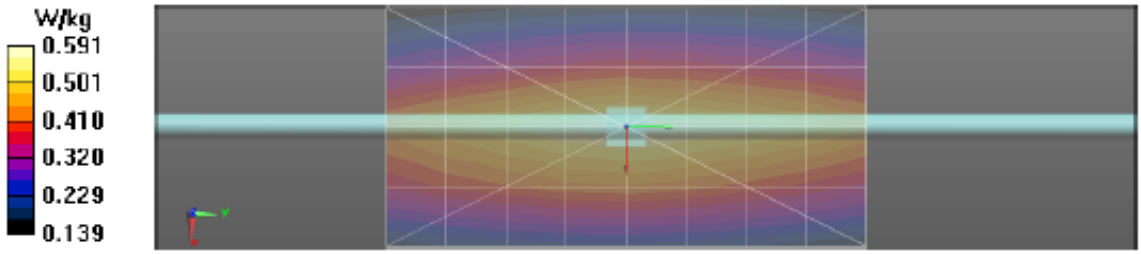
Comments:

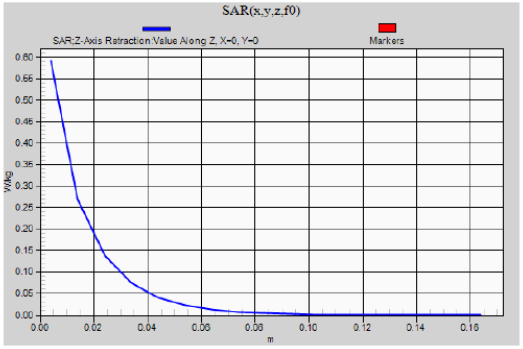
Duty Cycle: 1:1, Medium parameters used: f = 150 MHz; σ = 0.77 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 150 MHz, ConvF(8.24, 8.24, 8.24); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 27.818 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.414 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.595 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.818 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.367 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.596 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement
grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.592 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/12/2014 2:15:55 PM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-150B-140312-06
Dipole Model#	D300V3
Phantom#:	OVAL1090
Tissue Temp:	21.7 (C)
Serial#:	1014
Test Freq:	300 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.047 dB
Adjusted SAR (1W):	2.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 150 MHz; σ = 0.81 S/m; ε_r = 61.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 150 MHz, ConvF(7.85, 7.85, 7.85); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

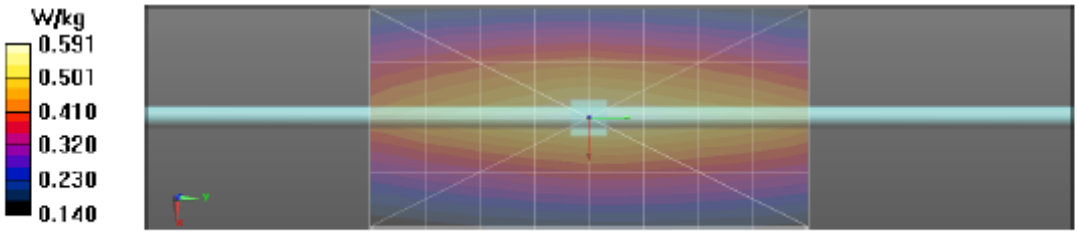
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 26.948 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.412 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.594 W/kg

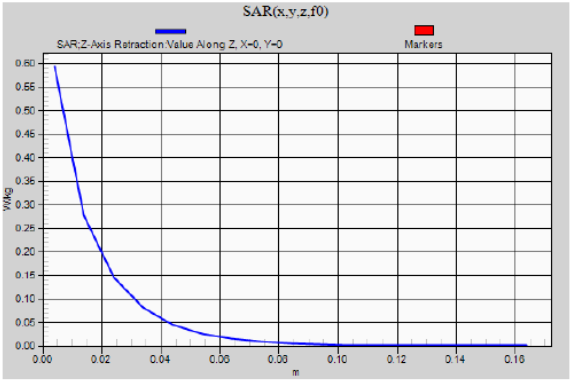
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.948 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.865 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.369 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.593 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.594 W/kg





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Date/Time: 3/12/2014 8:48:41 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-150H-140312-01
Dipole Model#	D300V3
Phantom#:	OVAL1109
Tissue Temp:	22.4 (C)
Serial#:	1014
Test Freq:	300 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.044 dB
Adjusted SAR (1W):	2.07 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 150 MHz; σ = 0.74 S/m; ε_r = 52.4; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 150 MHz, ConvF(8.24, 8.24, 8.24); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

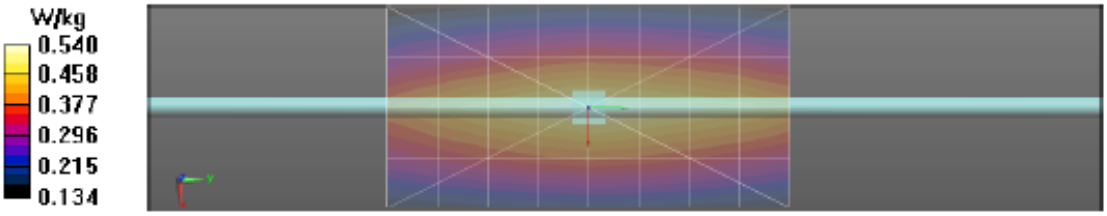
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 26.982 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.388 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.540 W/kg

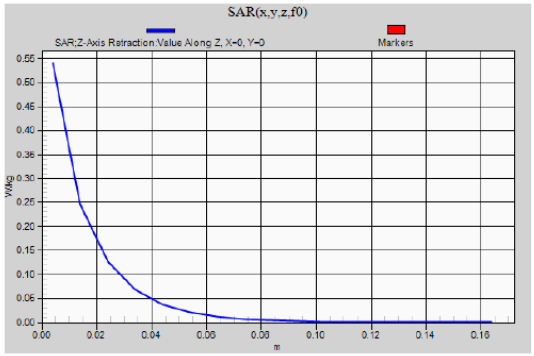
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.982 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.345 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.539 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.540 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/13/2014 11:17:23 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140313-03
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	20.8 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.024 dB
Adjusted SAR (1W):	8.64 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.92 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

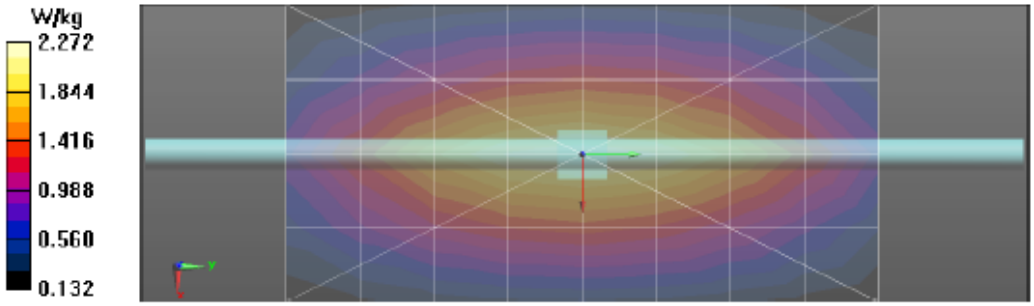
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.515 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.27 W/kg

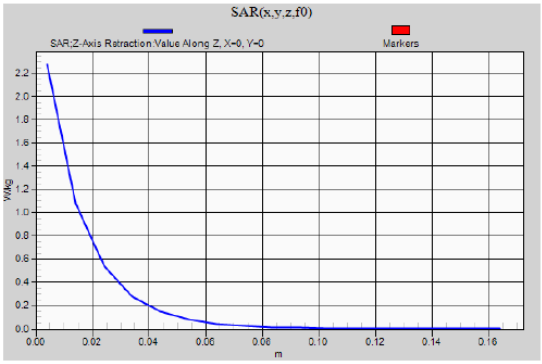
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.515 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.42 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.28 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/15/2014 5:20:02 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140315-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	22.0 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.023 dB
Adjusted SAR (1W):	8.72 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.94 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

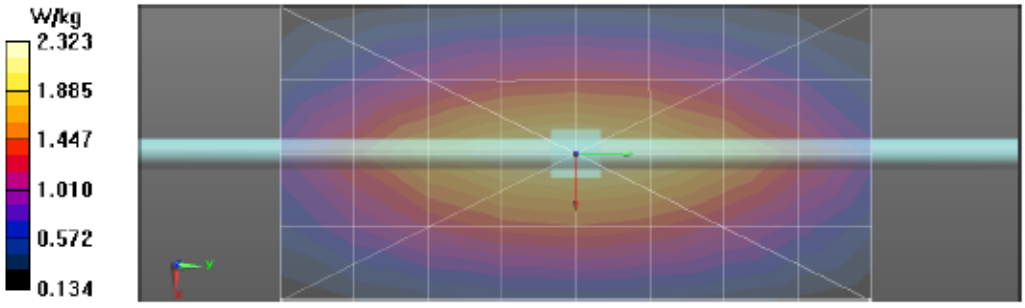
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.475 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.32 W/kg

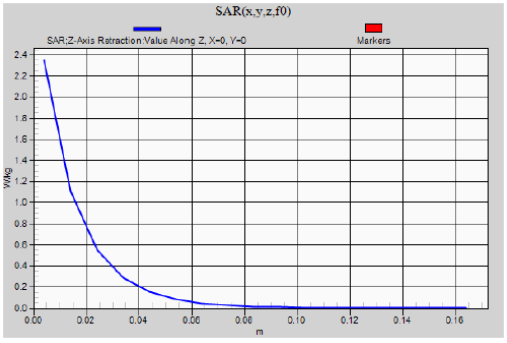
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.475 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.12 W/kg
SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.35 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.349 W/kg





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Date/Time: 3/16/2014 4:47:32 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750H-140316-01
Dipole Model#	D750V3
Phantom#:	OVAL1019
Tissue Temp:	21.3 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.026 dB
Adjusted SAR (1W):	8.12 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.86 S/m; ε_r = 43.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

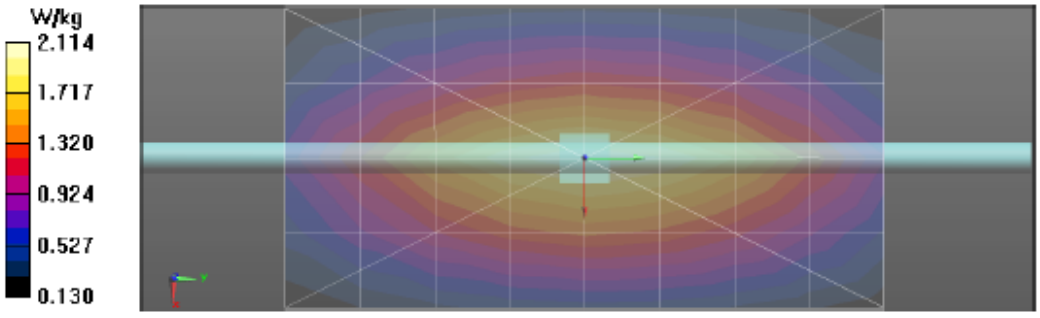
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.348 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.36 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.12 W/kg

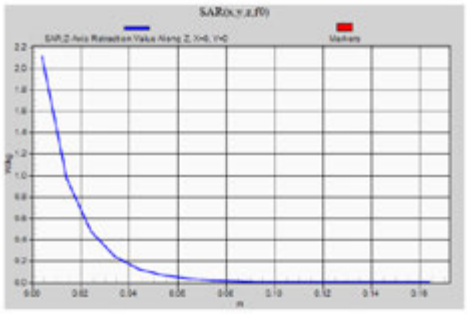
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.348 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.1111 W/kg





Motorola Solutions, Inc. EME Laboratory
Date/Time: 4/24/2014 8:44:14 AM

Robot#: DASY5-FL-3 | Run#:	HyH-SYSP-750B-140424-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	21.8 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.024 dB
Adjusted SAR (1W):	8.48 mW/g (1g)

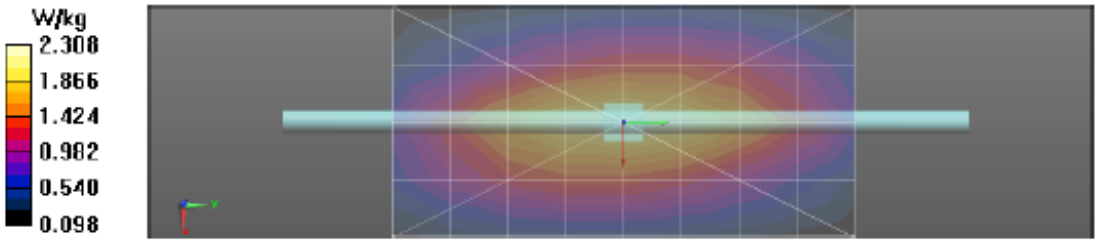
Comments:

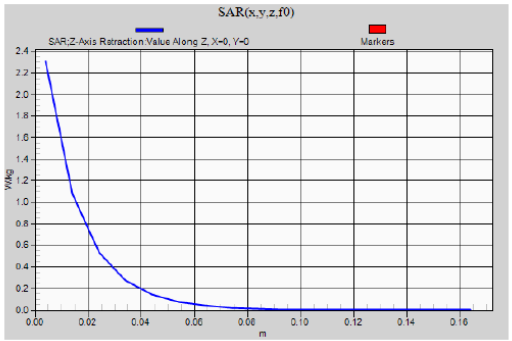
Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.97 S/m; ε_r = 55.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 49.589 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.42 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.31 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.589 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.10 W/kg
SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.32 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement
grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.308 W/kg





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Date/Time: 4/25/2014 9:29:41 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750B-140425-01
Dipole Model#	D750V3
Phantom#:	OVAL1021
Tissue Temp:	21.8 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.033 dB
Adjusted SAR (1W):	8.44 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.97 S/m; ε_r = 55.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

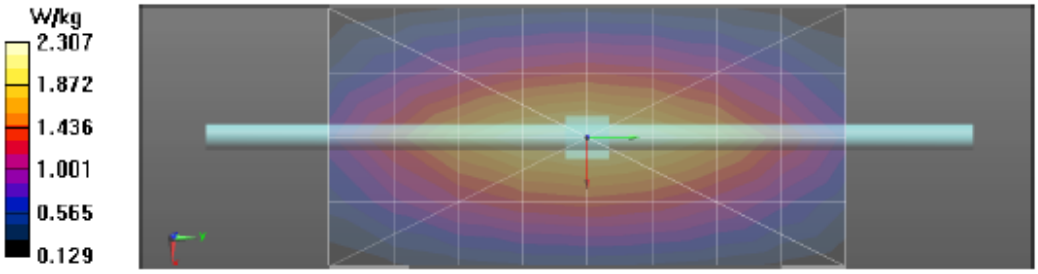
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 49.612 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.31 W/kg

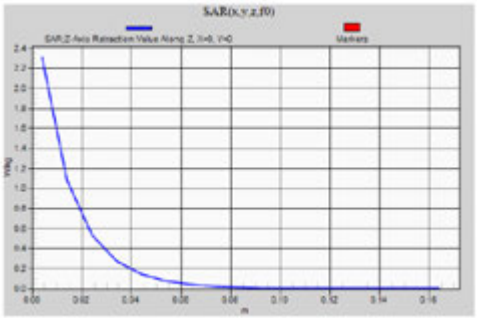
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.612 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.30 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.31 W/kg





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Date/Time: 4/26/2014 5:00:25 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-750H-140426-01
Dipole Model#	D750V3
Phantom#:	OVAL1019
Tissue Temp:	22.1 (C)
Serial#:	1098
Test Freq:	750 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.026 dB
Adjusted SAR (1W):	7.84 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 750 MHz; σ = 0.88 S/m; ε_r = 43.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 750 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):

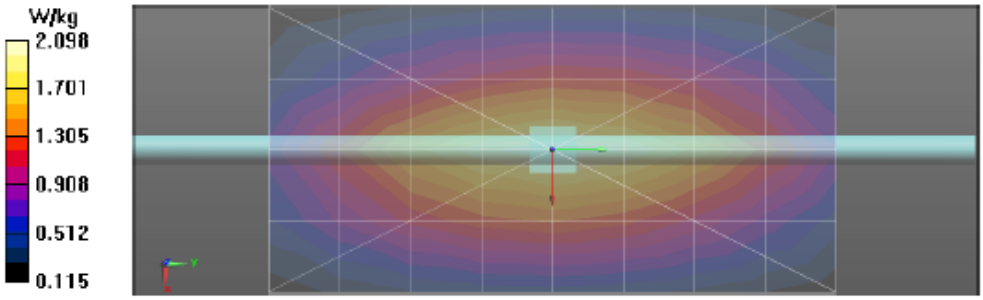
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 49.719 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.32 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.10 W/kg

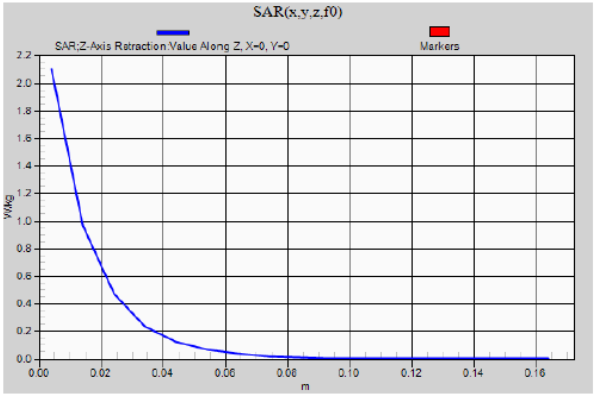
Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.719 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.09 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.101 W/kg





Motorola Solutions, Inc. EME Laboratory
Date/Time: 4/28/2014 10:15:11 AM

Robot#: DASY5-FL-3 | Run#:	HvH-SYSP-150H-140428-01
Dipole Model#	D300V3
Phantom#:	OVAL1109
Tissue Temp:	21.3 (C)
Serial#:	1014
Test Freq:	300 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.048 dB
Adjusted SAR (1W):	2.08 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 150 MHz; σ = 0.76 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3301, , Frequency: 150 MHz, ConvF(8.24, 8.24, 8.24); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/System Performance Check/Dipole Area Scan 2 (41x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 26.889 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.391 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.552 W/kg

Below 2 GHz-Rev.1/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.889 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.813 W/kg
SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.345 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.553 W/kg

Below 2 GHz-Rev.1/System Performance Check/Z-Axis Retraction (1x1x17): Measurement
grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.551 W/kg