MOTOROLA SOLUTIONS

CERTIFICATE 2518.05

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

Motorola Solutions Inc.
EME Test Laboratory
Motorola Solutions Malaysia Sdn Bhd (Innoplex)
Plot 2A, Medan Bayan Lepas,
Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.

Date of Report: 5/24/2017
Report Revision: C

Responsible Engineer:	Saw Sun Hock (EME Engineer)
Report Author:	Saw Sun Hock (EME Engineer)
Date/s Tested:	11/16/2016-11/18/2016; 11/21/2016-11/25/2016; 11/28/2016-11/30/2016; 2/7/2017; 2/16/2017
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable – APX 900 Two Knob UHF R1 Model 2 Portable APX 900 Two Knob UHF R1 Model 3 Portable
Test TX mode(s):	CW (PTT), Bluetooth, and WLAN 802.11b/g/n
Max. Power output:	5.70 W (380-480MHz), 10 mW (Bluetooth), 10 mW (Bluetooth LE), 22.4 mW (802.11b), 8.3 mW (802.11g), 12.6 mW (802.11n)
Nominal Power:	5.00 W (380-480MHz), 8.9 mW (Bluetooth), 8.9 mW (Bluetooth LE), 16.6 mW (802.11b), 6.6 mW (802.11g), 10 mW (802.11n)
Tx Frequency Bands:	LMR 380-480 MHz; Bluetooth 2402-2480 MHz; WLAN 2412-2462 MHz
Signaling type:	FM (LMR), FHSS (Bluetooth), 802.11b/g/n (WLAN)
Model(s) Tested:	H92QDH9PW7AN (PMUE5244A), H92QDF9PW6AN (PMUE5243A)
Model(s) Certified:	H92QDH9PW7AN (PMUE5244A), H92QDF9PW6AN (PMUE5243A)
Serial Number(s):	837TSX0074; 837TSX0076; 837TSX0026
Classification:	Occupational/Controlled
FCC ID:	AZ489FT7097; LMR 406.125-480 MHz, Bluetooth 2.402-2.480 GHz, WLAN 802.11 b/g/n 2.412-2.462 GHz This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC:	109U-89FT7097; This report contains results that are immaterial for IC equipment approval, which are clearly identified.
ISED Test Site registration:	109AK

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.

Tiong

Tiong Nguk Ing
Deputy Technical Manager
Approval Date: 5/24/2017

Tiong Nguk Ing
Digitally signed by Tiong Nguk Ing
DN: cn=Tiong Nguk Ing, o=Motorola Solutions, ou=Regulatory Compliance Lab, email=n.i.tiong@motorolasolutions.com, c=MY
Date: 2017.05.24 23:47:13 +08'00'

Appendix E
System Verifications Check scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/16/2016 10:34:42 AM

Robot#: DASY5-PG-4 | Run#:	ZWS-SYSP-450B-161116-01
Dipole Model#	D450V3
Phantom#:	ELI4 1040
Tissue Temp:	20.9 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.043 dB
Adjusted SAR (1W):	4.40 mW/g(1g)

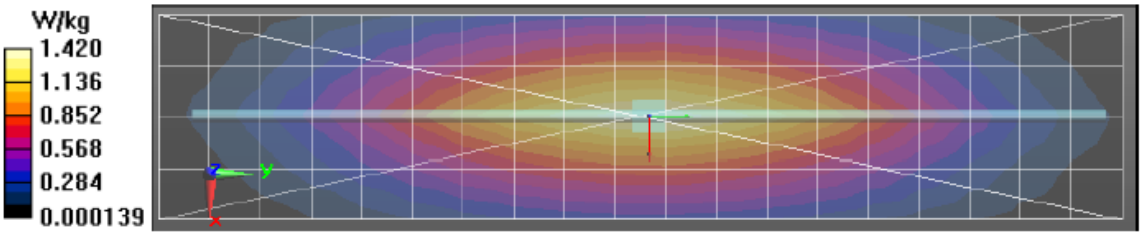
Comments:

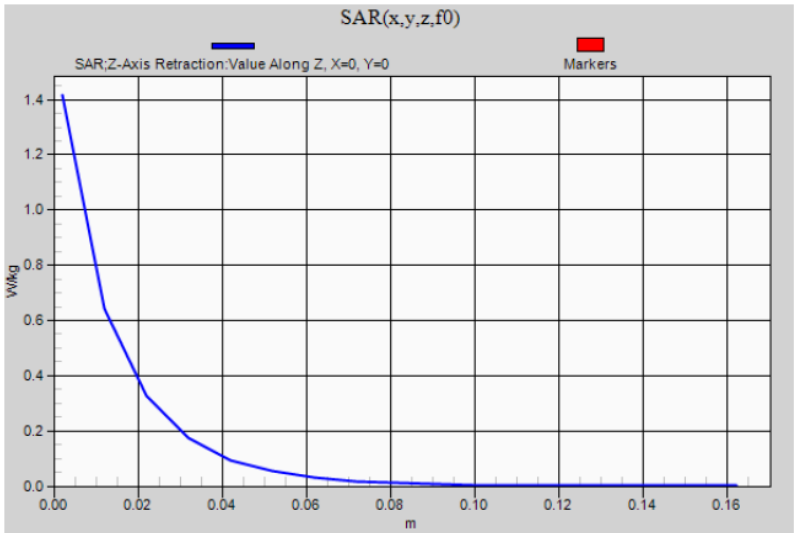
\Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.94 S/m; ε_r = 54.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.02 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.797 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.40 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.02 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.738 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.41 W/kg

Below 2 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17):
Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.42 W/kg





Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/17/2016 10:44:16 AM

Robot#: DASY5-PG-4 | Run#:	ZWS-SYSP-450B-161117-08
Dipole Model#	D450V3
Phantom#:	ELI4 1040
Tissue Temp:	20.9 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.017 dB
Adjusted SAR (1W):	4.56 mW/g(1g)

Comments:

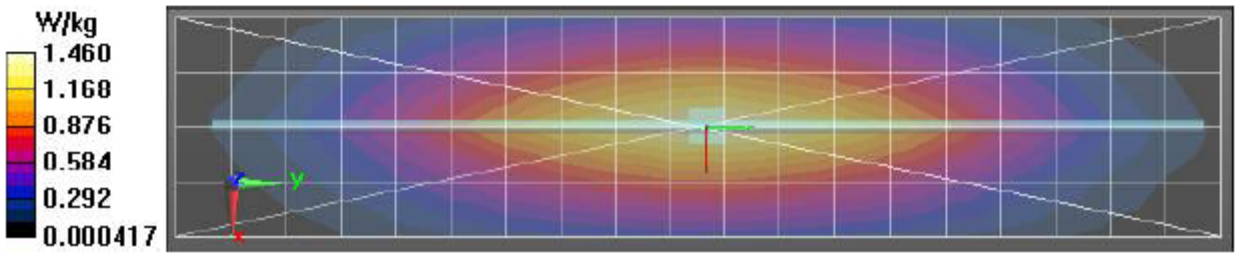
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.95 S/m; ε_r = 56; ρ = 1000 kg/m^3

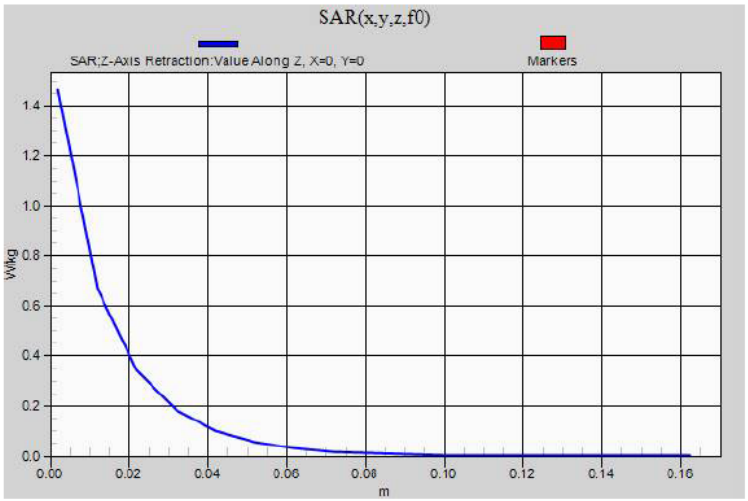
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.38 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.823 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.46 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.38 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.762 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.46 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/18/2016 7:21:28 AM

Robot#: DASY5-PG-4 | Run#:	TLC-SYSP-450B-161118-01
Dipole Model#	D450V3
Phantom#:	ELI4 1040
Tissue Temp:	20.8 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.021 dB
Adjusted SAR (1W):	4.28 mW/g(1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

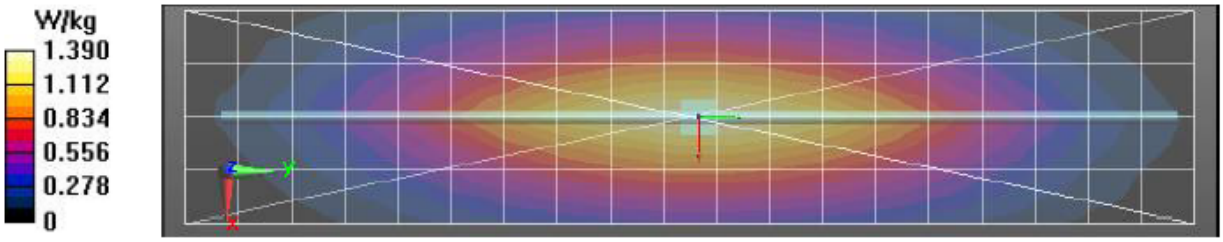
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):

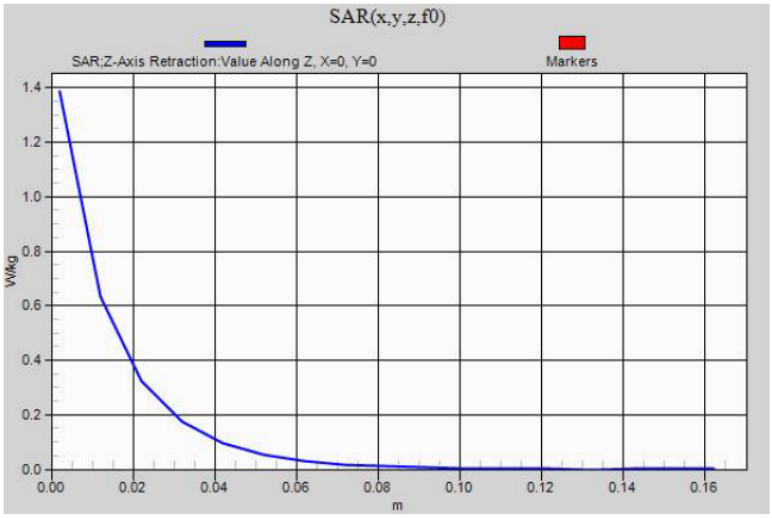
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.72 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.784 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.40 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.72 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.721 W/kg (SAR corrected for target medium)

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/21/2016 7:01:30 AM

Robot#: DASY5-PG-4 | Run#:	FD-SYSP-450B-161121-01
Dipole Model#	D450V3
Phantom#:	ELI4 1040
Tissue Temp:	20.5 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.049 dB
Adjusted SAR (1W):	4.40 mW/g(1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.94 S/m; ε_r = 56.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):

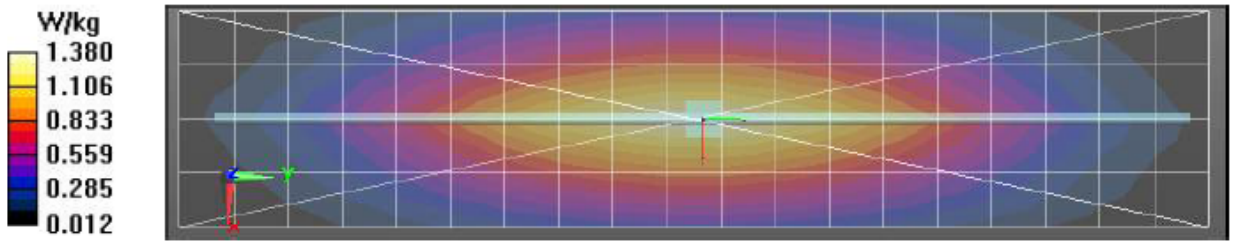
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.79 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.794 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.39 W/kg

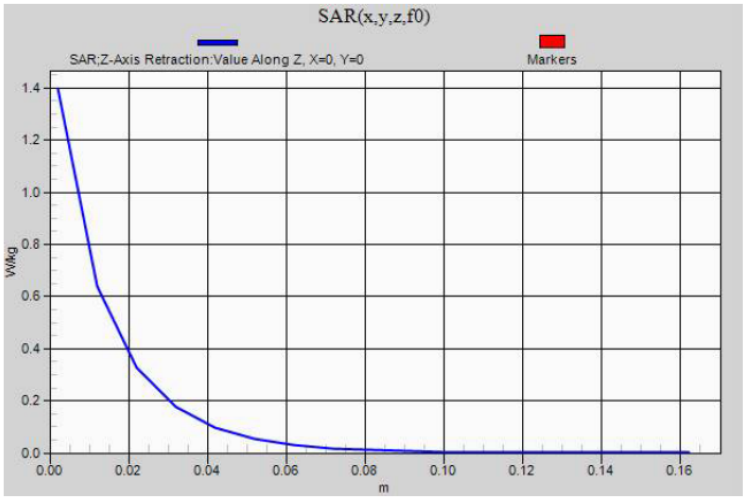
Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.79 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.736 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.40 W/kg

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

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





Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/30/2016 7:51:17 AM

Robot#: DASY5-PG-4 | Run#:	AZ-SYSP-450B-161130-02#
Dipole Model#	D450V3
Phantom#:	ELI4 1040
Tissue Temp:	21.0 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.019 dB
Adjusted SAR (1W):	4.52 mW/g(1g)

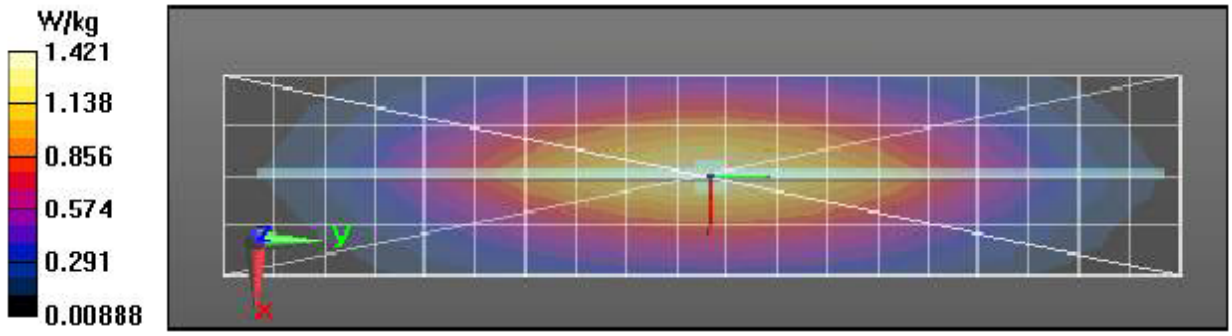
Comments:

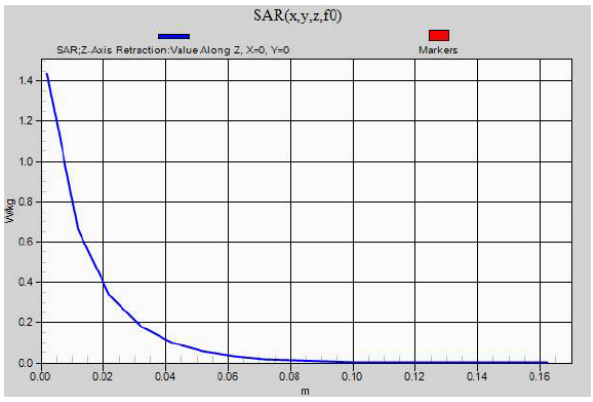
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.94 S/m; ε_r = 55.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.24 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.813 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.43 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.24 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.754 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.44 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/7/2017 1:42:53 PM

Robot#: DASY5-PG-4 | Run#:	FIE-SYSP-450B-170207-01#
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	20.1 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.019 dB
Adjusted SAR (1W):	4.48 mW/g(1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.92 S/m; ε_r = 55; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn688, Calibrated: 4/21/2016

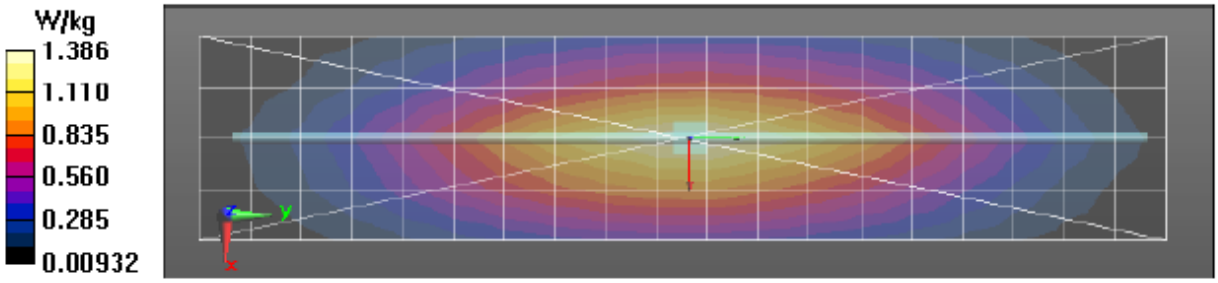
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):

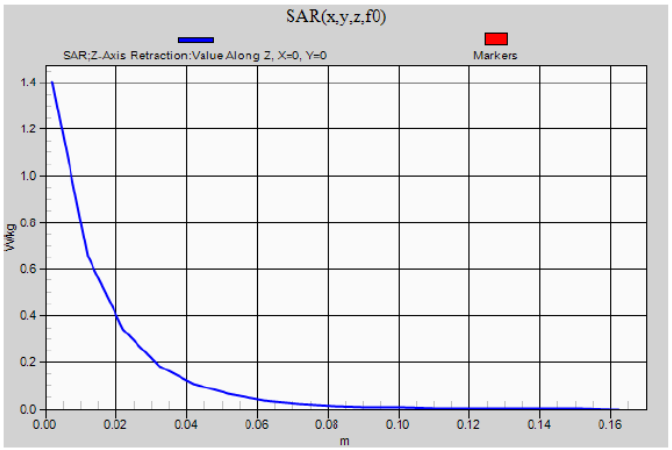
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.40 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.808 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.40 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.40 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.760 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.40 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/21/2016 8:37:58 PM

Robot#: DASY5-PG-4 | Run#:	AZ-SYSP-450H-161121-17
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	21.1 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.045 dB
Adjusted SAR (1W):	4.60 mW/g(1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 43.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(10.62, 10.62, 10.62); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):

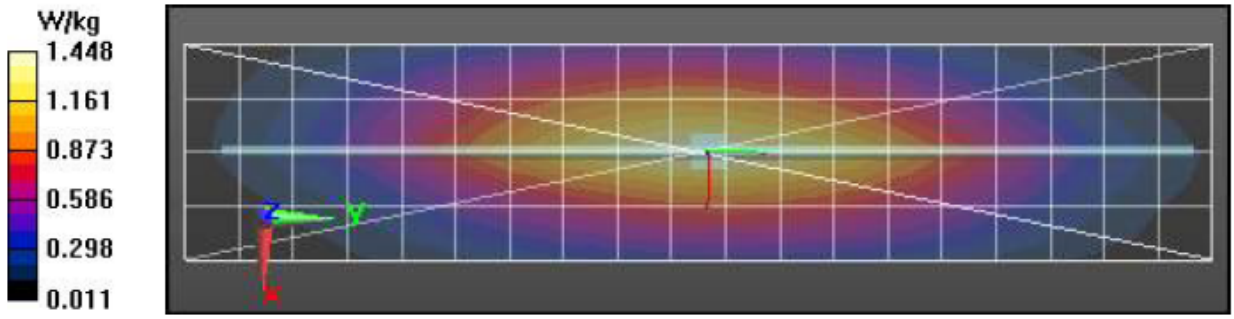
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.35 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.835 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.46 W/kg

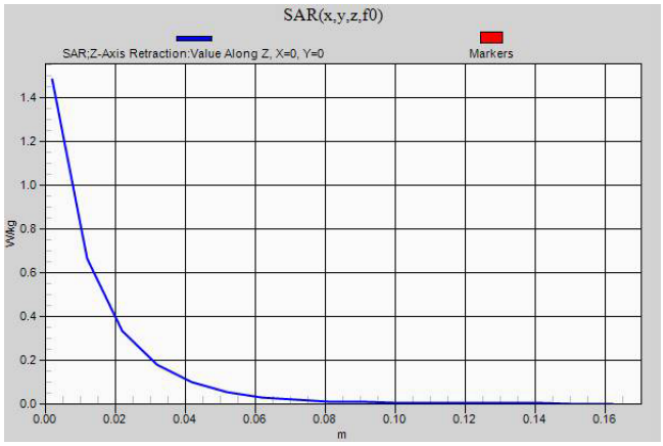
Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.35 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.765 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.48 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.49 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/30/2016 10:43:59 AM

Robot#: DASY5-PG-4 | Run#:	AZ-SYSP-450H-161130-05#
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	20.3 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.027 dB
Adjusted SAR (1W):	4.60 mW/g(1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(10.62, 10.62, 10.62); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

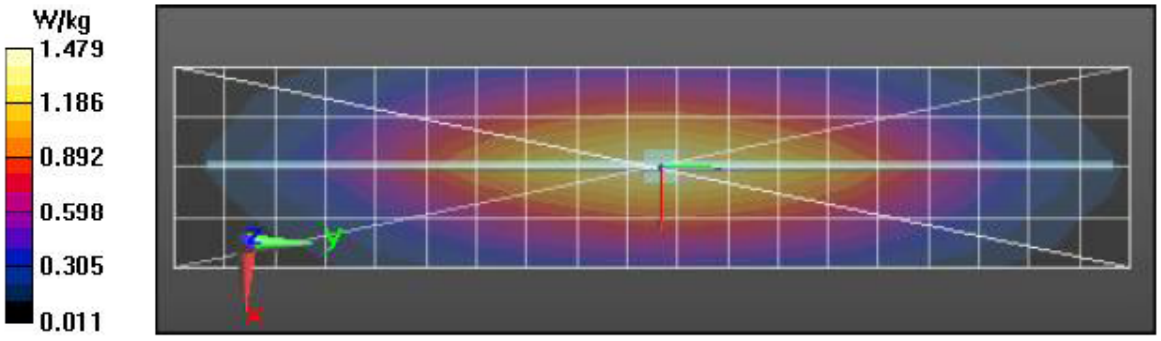
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):

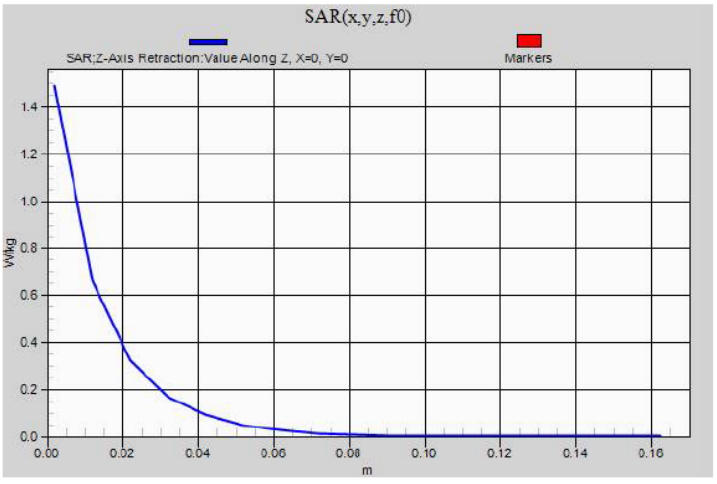
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.22 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.832 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.48 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.22 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.760 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.49 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/16/2017 3:36:25 PM

Robot#: DASY5-PG-4 | Run#:	ZR-SYSP-450H-170216-01
Dipole Model#	D450V3
Phantom#:	ELI4 1109
Tissue Temp:	22.0 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.016 dB
Adjusted SAR (1W):	4.68 mW/g(1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 44.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 450 MHz, ConvF(10.62, 10.62, 10.62); Calibrated: 7/29/2016
Electronics: DAE4 Sn688, Calibrated: 4/21/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x191x1):

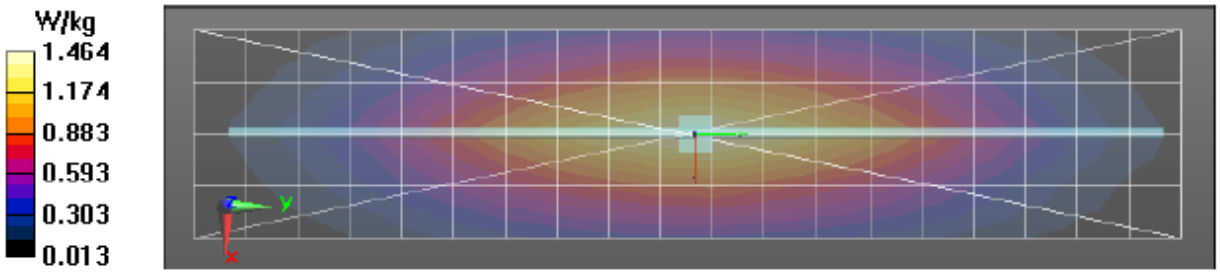
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.26 V/m; Power Drift = 0.07 dB
Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.836 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.47 W/kg

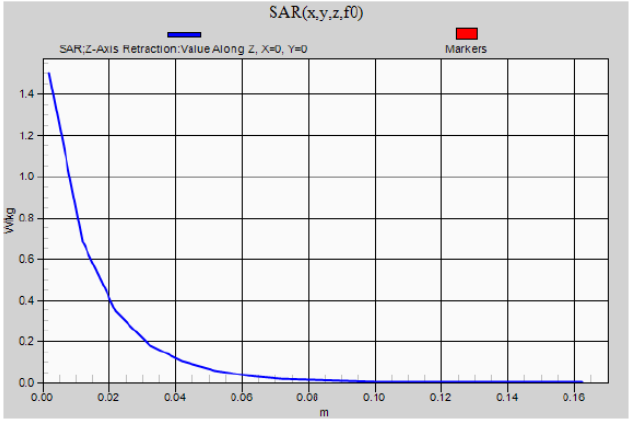
Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.26 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.786 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.49 W/kg

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

Maximum value of SAR (measured) = 1.50 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/25/2016 11:35:00 AM

Robot#: DASY5-PG-4 | Run#:	FD-SYSP-2450B-161125-01
Dipole Model#	D2450V2
Phantom#:	ELI4 1016
Tissue Temp:	20.5 (C)
Serial#:	781
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.035 dB
Adjusted SAR (1W):	52.00 mW/g (1g)

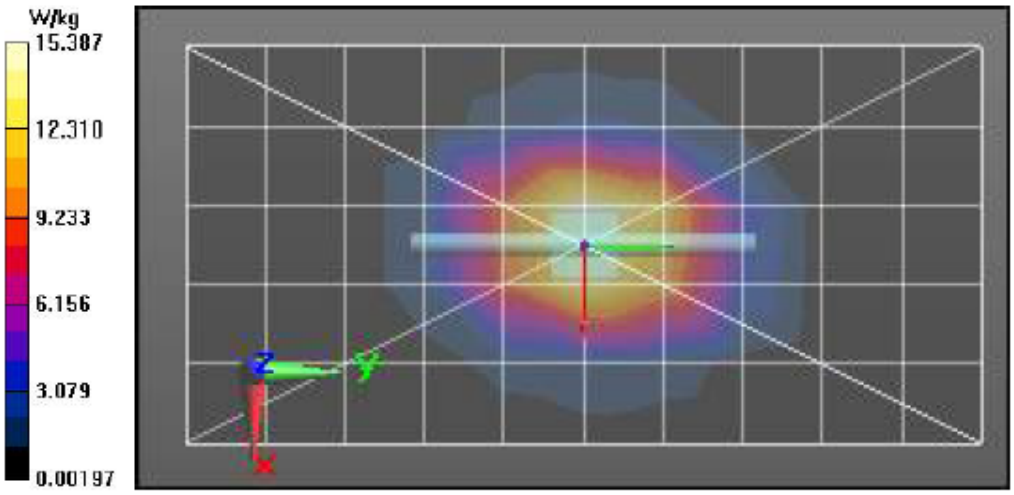
Comments:

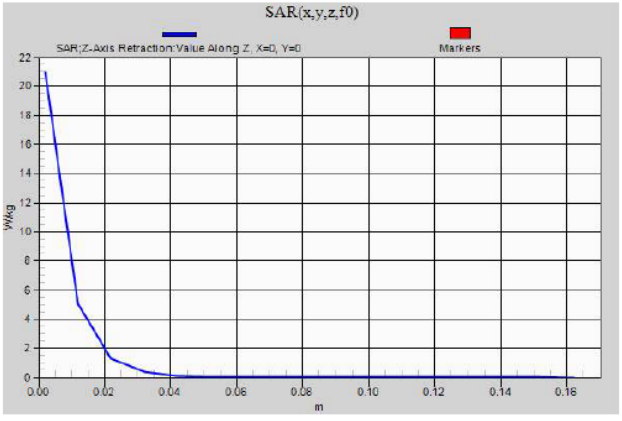
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 2.02 S/m; ε_r = 47.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 2450 MHz, ConvF(7.28, 7.28, 7.28); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 102.5 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.5 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.5 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13 W/kg; SAR(10 g) = 6.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.8 W/kg

2-3 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 20.9 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/28/2016 6:24:36 AM

Robot#: DASY5-PG-4 | Run#:	AZ-SYSP-2450B-161128-01
Dipole Model#	D2450V2
Phantom#:	ELI4 1016
Tissue Temp:	20.7 (C)
Serial#:	781
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.052 dB
Adjusted SAR (1W):	51.60 mW/g (1g)

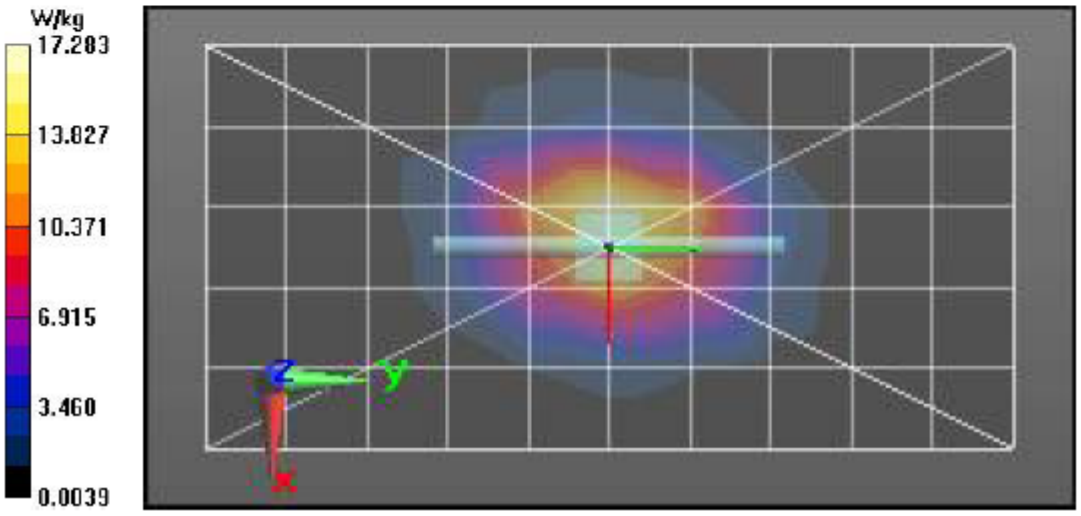
Comments:

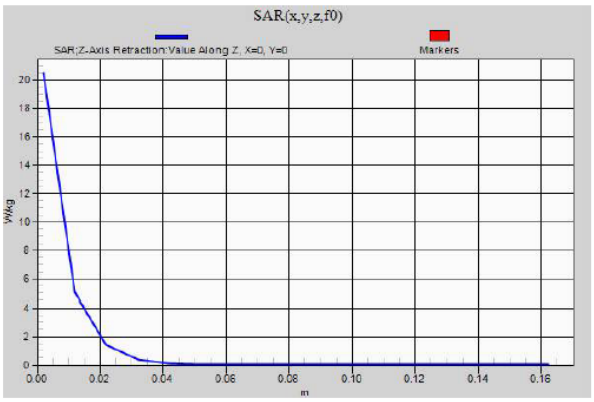
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.99 S/m; ε_r = 47.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 2450 MHz, ConvF(7.28, 7.28, 7.28); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 102.8 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.1 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.8 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 27.9 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.5 W/kg

2-3 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/29/2016 7:09:07 AM

Robot#: DASY5-PG-4 | Run#: AZ-SYSP-2450B-161129-01
Dipole Model# D2450V2
Phantom#: ELI4 1016
Tissue Temp: 20.9 (C)
Serial#: 781
Test Freq: 2450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.073 dB
Adjusted SAR (1W): 51.60 mW/g (1g)

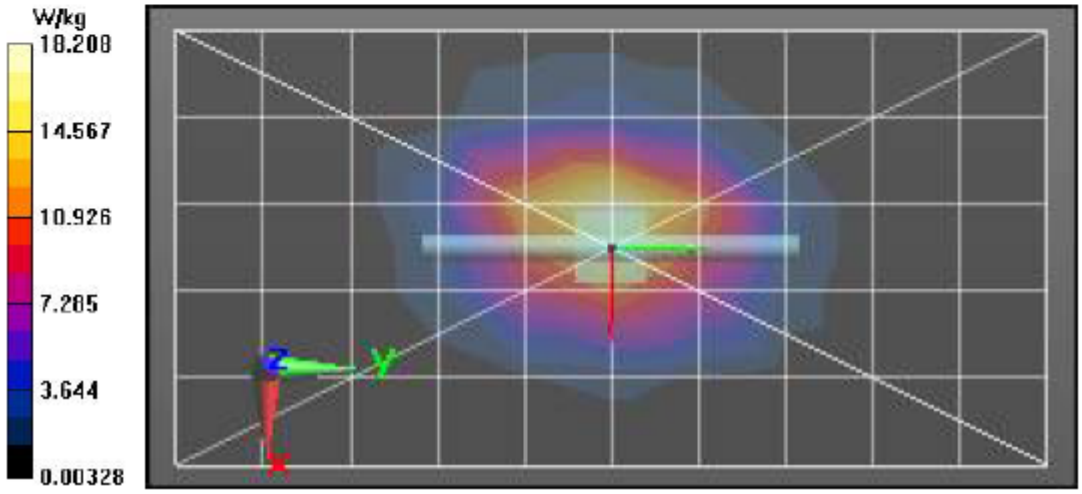
Comments:

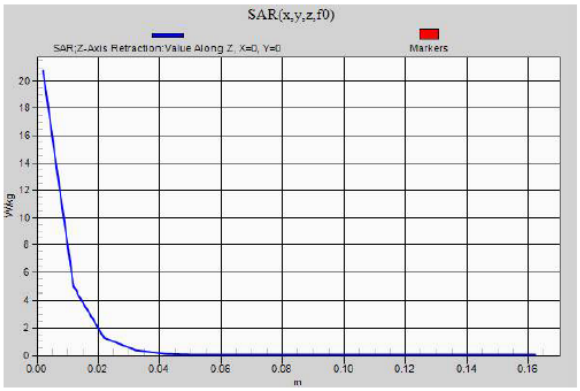
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 2.03 S/m; ε_r = 47.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 2450 MHz, ConvF(7.28, 7.28, 7.28); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 102.5 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.1 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.5 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.98 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.6 W/kg

2-3 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 20.7 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/23/2016 11:21:44 AM

Robot#: DASY5-PG-4 | Run#:	FD-SYSP-2450H-161123-01
Dipole Model#	D2450V2
Phantom#:	ELI4 1011
Tissue Temp:	20.8 (C)
Serial#:	781
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.036 dB
Adjusted SAR (1W):	50.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.88 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 2450 MHz, ConvF(7.45, 7.45, 7.45); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

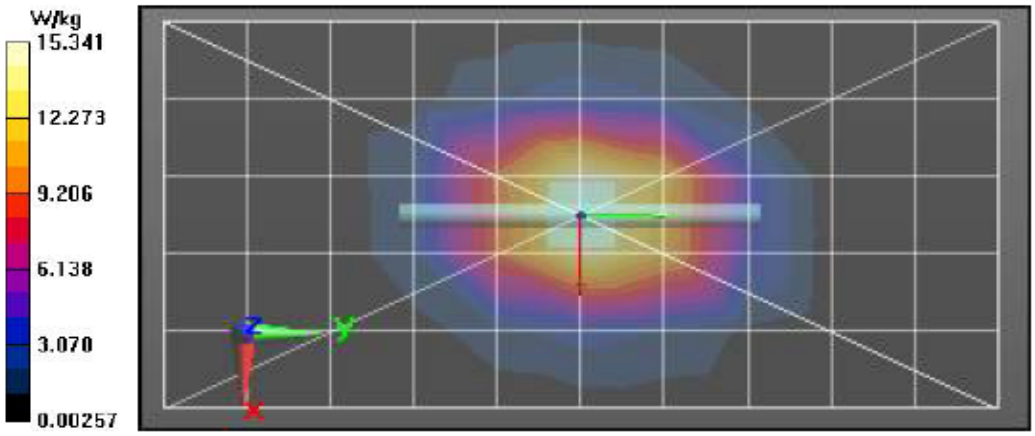
grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 105.9 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.0 W/kg

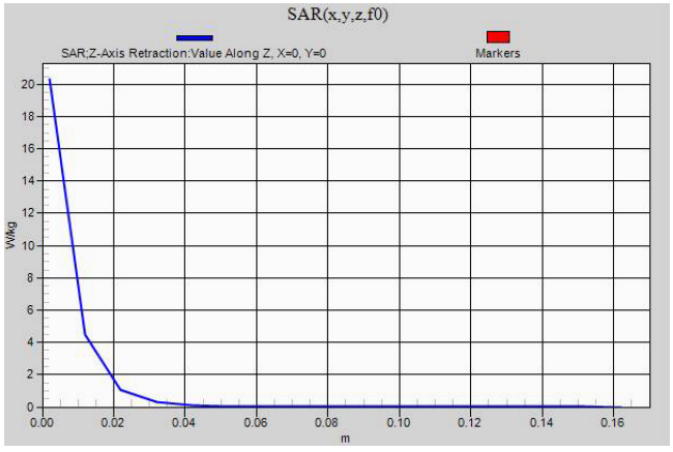
2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.9 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 28.0 W/kg
SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.79 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.1 W/kg

2-3 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 20.3 W/kg





Appendix F
DUT Scans

Assessments at the Body with Body Worn PMLN4651A
Table 18

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/17/2016 7:00:43 AM

Robot#: DASY5-PG-4 | Run:	ZWS-AB-161117-02#
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	21.2 (C)
Serial#:	837TSX0074
Antenna:	PMAE4100A
Test Freq:	406.125 (MHz)
Battery:	PMNN4491A
Carry Acc:	PMLN4651A
Audio Acc:	PMMN4062A
Start Power:	5.56 (W)

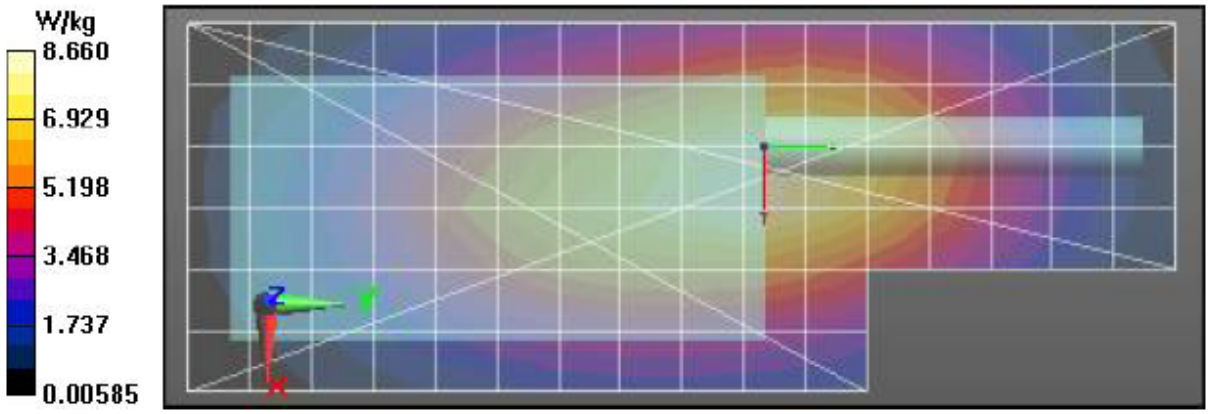
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.91 S/m; ε_r = 55.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 91.79 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 7.55 W/kg; SAR(10 g) = 5.48 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.87 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 91.79 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 7.32 W/kg; SAR(10 g) = 5.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.73 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.66 W/kg



Assessments at the Body with Body Worn PMLN7008A
Table 19

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/17/2016 9:40:40 AM

Robot#: DASY5-PG-4 | Run:	ZWS-AB-161117-07#
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	21.0 (C)
Serial#:	837TSX0074
Antenna:	PMAE4022B
Test Freq:	406.125 (MHz)
Battery:	PMNN4493A
Carry Acc:	PMLN7008A
Audio Acc:	PMMN4062A
Start Power:	5.67 (W)

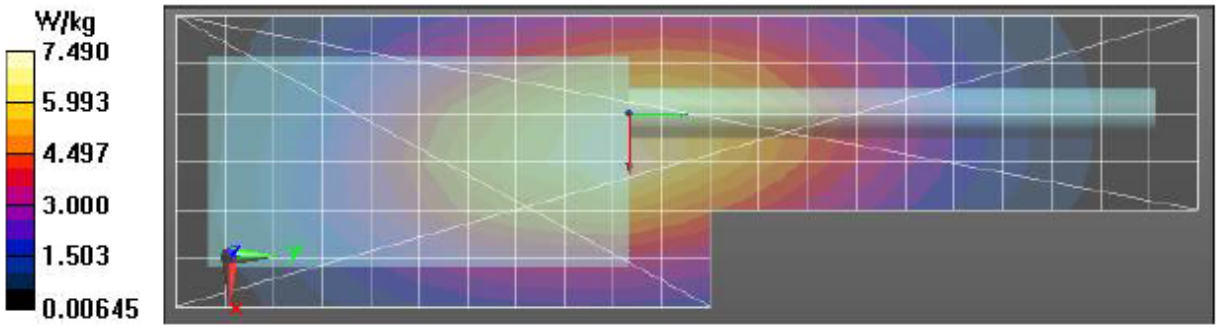
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.91 S/m; ε_r = 55.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 86.83 V/m; Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 6.63 W/kg; SAR(10 g) = 4.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.88 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 86.83 V/m; Power Drift = -0.40 dB
Peak SAR (extrapolated) = 8.73 W/kg
SAR(1 g) = 6.29 W/kg; SAR(10 g) = 4.58 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.57 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.49 W/kg



Assessments at the Body with Body Worn PMLN5838A
Table 20

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/17/2016 2:17:43 PM

Robot#: DASY5-PG-4 | Run:	AZ-AB-161117-13
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	20.5 (C)
Serial#:	837TSX0074
Antenna:	PMAE4100A
Test Freq:	406.125 (MHz)
Battery:	PMNN4448A
Carry Acc:	PMLN5838A
Audio Acc:	PMMN4062A
Start Power:	5.68 (W)

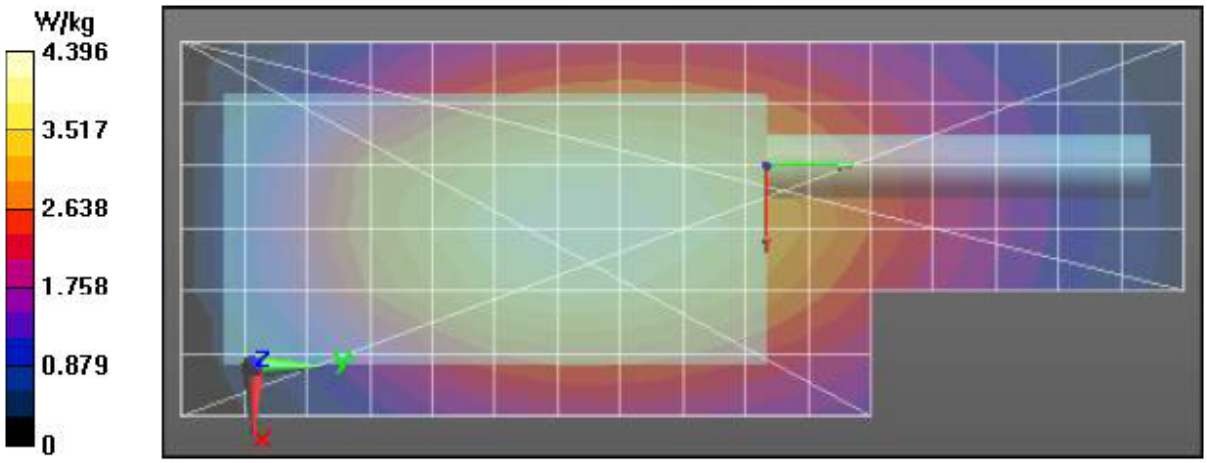
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.91 S/m; ε_r = 56.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 66.99 V/m; Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 3.8 W/kg; SAR(10 g) = 2.79 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.41 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.99 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 4.78 W/kg
SAR(1 g) = 3.68 W/kg; SAR(10 g) = 2.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.24 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.22 W/kg



Assessments at the Body with Body Worn PMLN5840A
Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/18/2016 8:40:52 AM

Robot#: DASY5-PG-4 | Run:	TLC-AB-161118-03
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	20.8 (C)
Serial#:	837TSX0074
Antenna:	PMAE4100A
Test Freq:	406.125 (MHz)
Battery:	PMNN4424A
Carry Acc:	PMLN5840A
Audio Acc:	PMMN4062A
Start Power:	5.70 (W)

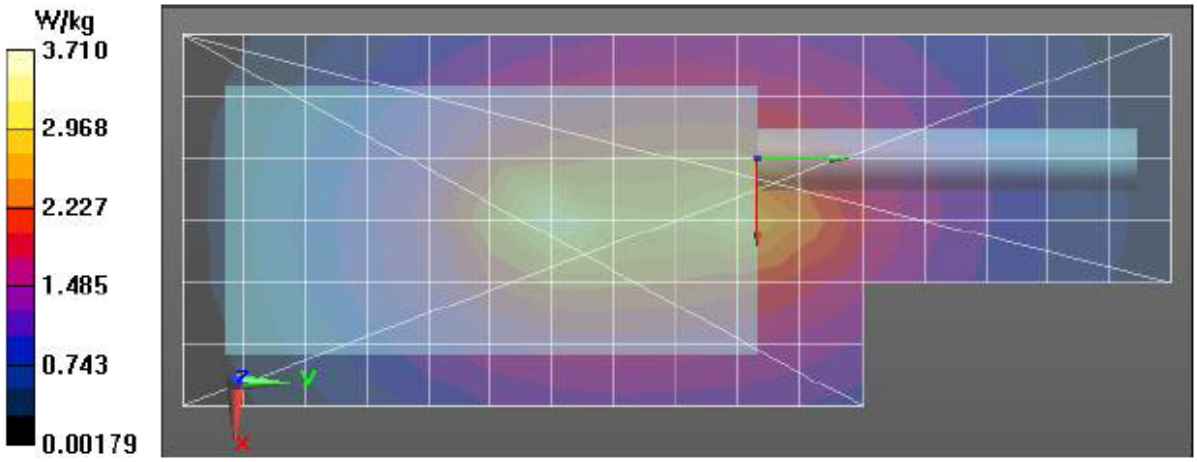
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.92 S/m; ε_r = 56.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.63 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 2.9 W/kg; SAR(10 g) = 1.92 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.59 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.63 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 4.70 W/kg
SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.65 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.71 W/kg



Assessments at the Body with Body Worn PMLN5842A
Table 22

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/18/2016 7:59:50 PM

Robot#: DASY5-PG-4 | Run:	FD-AB-161118-13
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	20.9 (C)
Serial#:	837TSX0074
Antenna:	PMAE4022B
Test Freq:	406.125 (MHz)
Battery:	PMNN4491A
Carry Acc:	PMLN5842A
Audio Acc:	PMMN4062A
Start Power:	5.65 (W)

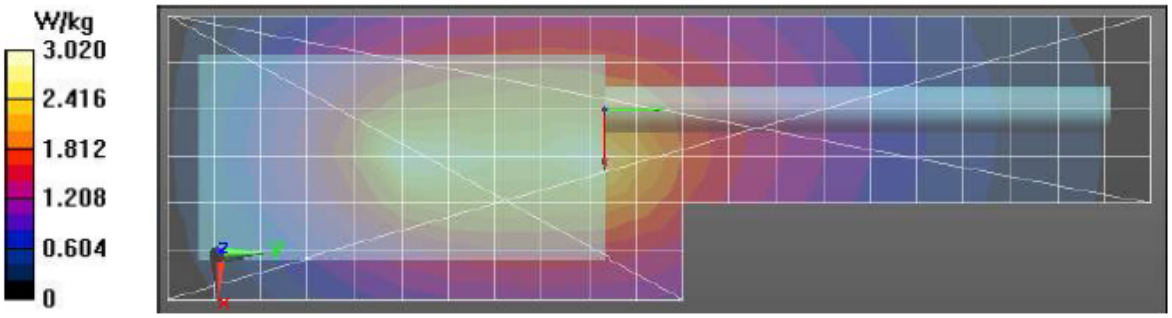
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.92 S/m; ε_r = 56.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.40 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.74 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.10 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.40 V/m; Power Drift = -0.52 dB
Peak SAR (extrapolated) = 3.59 W/kg
SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.93 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.90 W/kg



Assessments at the Body with Body Worn PMLN5844A
Table 23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/21/2016 10:45:33 AM

Robot#: DASY5-PG-4 | Run:	FD-AB-161121-07
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	20.7 (C)
Serial#:	837TSX0074
Antenna:	PMAE4022B
Test Freq:	406.125 (MHz)
Battery:	PMNN4491A
Carry Acc:	PMLN5844A
Audio Acc:	PMMN4062A
Start Power:	5.67 (W)

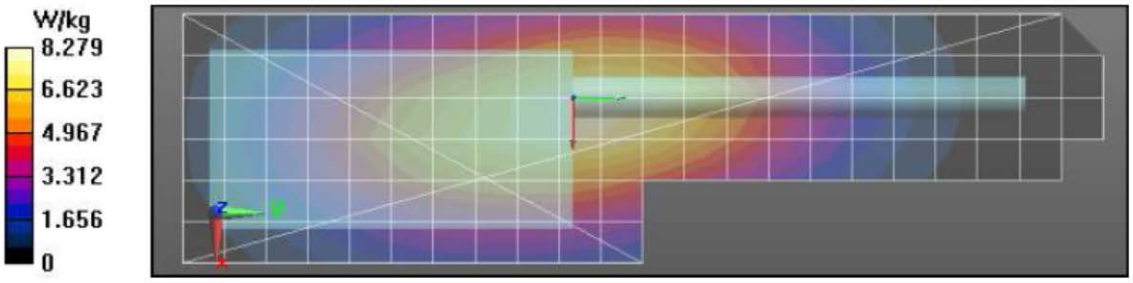
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.91 S/m; ε_r = 56.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 95.34 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 7.23 W/kg; SAR(10 g) = 5.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.44 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.34 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 9.37 W/kg
SAR(1 g) = 7.01 W/kg; SAR(10 g) = 5.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.19 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.14 W/kg



Assessments of Wireless BT Configuration
Table 24

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/21/2016 2:31:48 PM

Robot#: DASY5-PG-4 | Run:	AZ-AB-161121-11
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	19.9 (C)
Serial#:	837TSX0076
Antenna:	PMAE4100A
Test Freq:	406.1250 (MHz)
Battery:	PMNN4491A
Carry Acc:	PMLN4651A
Audio Acc:	None
Start Power:	5.42 (W)

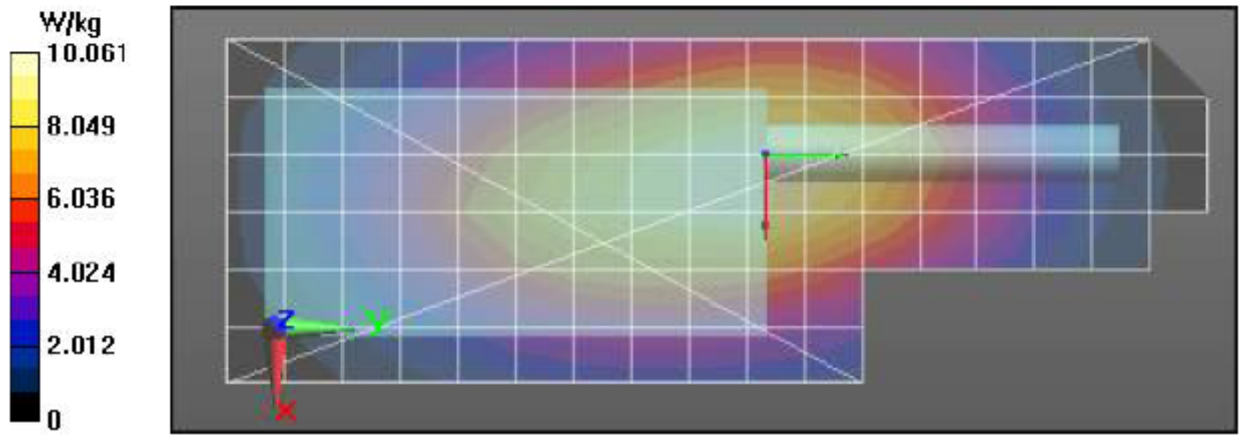
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.91 S/m; ε_r = 56.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 107.4 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 8.87 W/kg; SAR(10 g) = 6.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.4 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 107.4 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 8.67 W/kg; SAR(10 g) = 6.42 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 10.2 W/kg



Assessments at the Body for WLAN 802.11 b/g/n
Table 26

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/29/2016 10:24:56 AM

Robot#: DASY5-PG-4 | Run#: AZ-AB-161129-04
Model#: H92QDH9PW7AN (PMUE5244A)
Phantom#: ELI4 1016
Tissue Temp: 20.5 (C)
Serial#: 837TSX0074
Antenna: AN000151A01 WiFi Ant
Test Freq: 2437.0000 (MHz)
Battery: PMNN4493A
Carry Acc: PMLN7008A
Audio Acc: None
Start Power: 0.0210 (W)

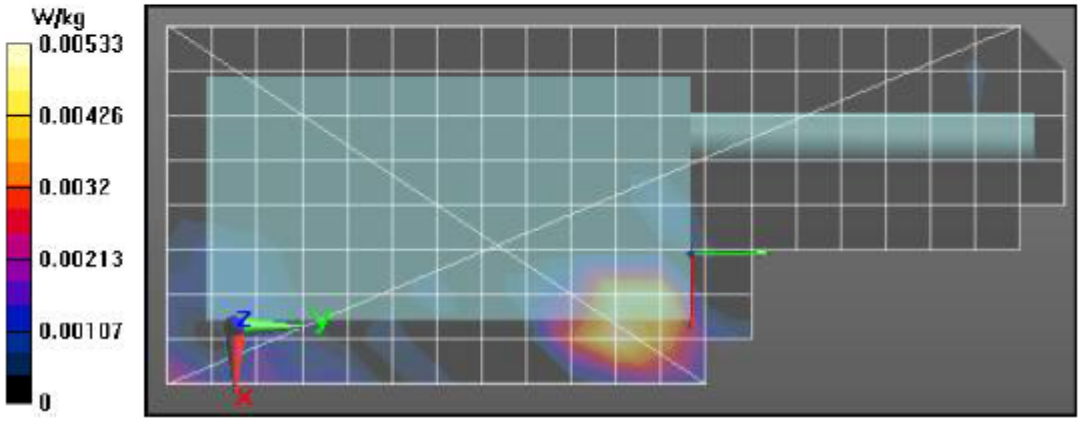
Comments:

Duty Cycle: 1:1.42561, Medium parameters used: f = 2437 MHz; σ = 2.01 S/m; ε_r = 47.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 2437 MHz, ConvF(7.28, 7.28, 7.28); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Fast SAR: SAR(1 g) = 0.0046 W/kg; SAR(10 g) = 0.00211 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.00729 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.233 V/m; Power Drift = -0.54 dB
Peak SAR (extrapolated) = 0.0230 W/kg
SAR(1 g) = 0.00519 W/kg; SAR(10 g) = 0.00174 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0105 W/kg

2-3 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.00889 W/kg



Assessments at the Face
Table 28

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/22/2016 6:07:42 PM

Robot#: DASY5-PG-4 | Run:	AZ-FACE-161122-14#
Model#:	H92QDF9PW6AN (PMUE5243A)
Phantom#:	ELI5 1147
Tissue Temp:	20.6 (C)
Serial#:	837TSX0026
Antenna:	PMAE4100A
Test Freq:	406.125 (MHz)
Battery:	PMNN4448A
Carry Acc:	@ front
Audio Acc:	None
Start Power:	5.70 (W)

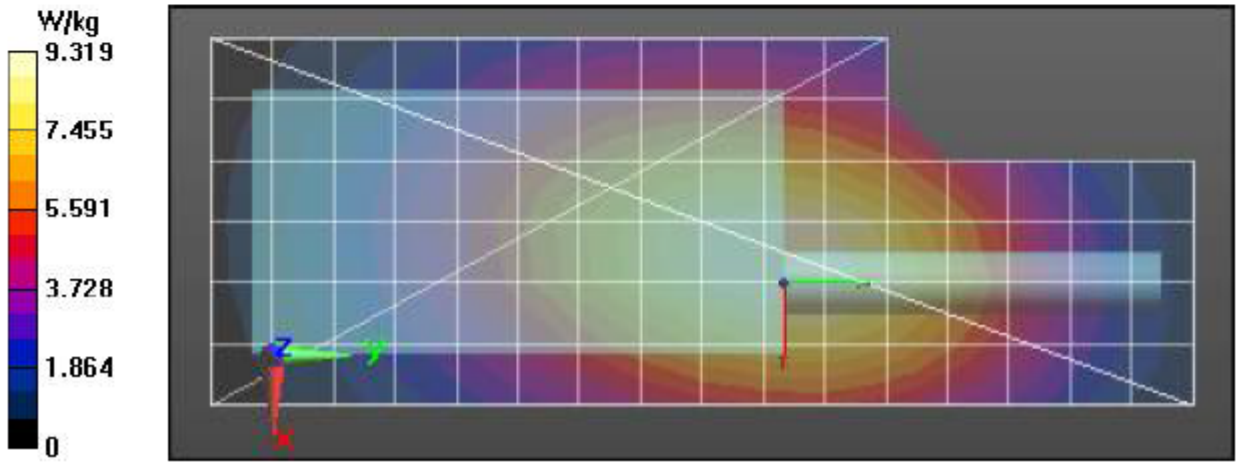
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.84 S/m; ε_r = 44.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(10.62, 10.62, 10.62); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 108.1 V/m; Power Drift = -0.44 dB
Fast SAR: SAR(1 g) = 8.31 W/kg; SAR(10 g) = 6.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.52 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 108.1 V/m; Power Drift = -0.54 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 7.99 W/kg; SAR(10 g) = 6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.10 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.88 W/kg



Assessments at the Face for WLAN 802.11 b/g/n
Table 30

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/23/2016 1:45:35 PM

Robot#: DASY5-PG-4 | Run#: FD-FACE-161123-04
Model#: H92QDH9PW7AN (PMUE5244A)
Phantom#: ELI4 1011
Tissue Temp: 19.6 (C)
Serial#: 837TSX0074
Antenna: AN000151A01 WiFi Ant
Test Freq: 2437.0000 (MHz)
Battery: PMNN4448A
Carry Acc: None
Audio Acc: None
Start Power: 0.0207 (W)

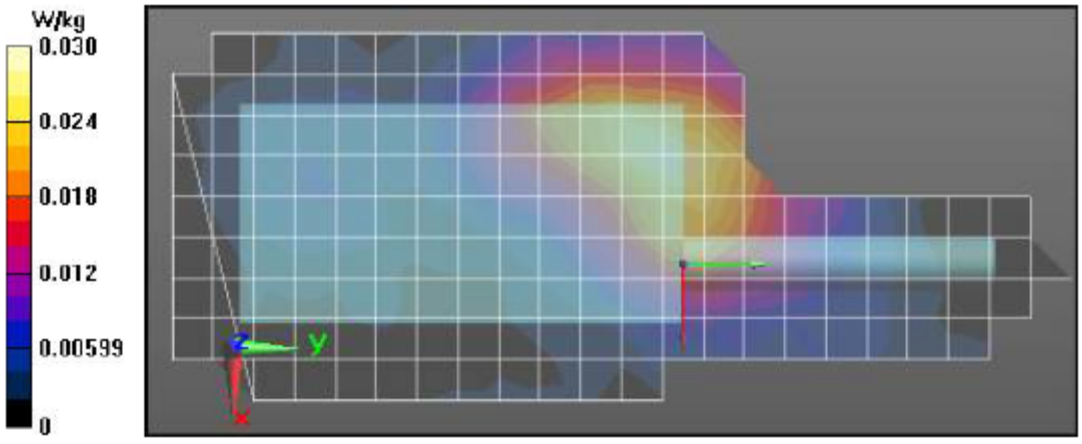
Comments:

Duty Cycle: 1:1.42561, Medium parameters used: f = 2437 MHz; σ = 1.87 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 2437 MHz, ConvF(7.45, 7.45, 7.45); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/Face Scan/1-Area Scan (91x221x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 3.876 V/m; Power Drift = -0.76 dB
Fast SAR: SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.012 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0300 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.876 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 0.0430 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0302 W/kg

2-3 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0295 W/kg



Assessments at the Body for Outside PT90
Table 31

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/21/2016 1:33:33 PM

Robot#: DASY5-PG-4 | Run:	FD-AB-161121-10
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI4 1040
Tissue Temp:	19.7 (C)
Serial#:	837TSX0074
Antenna:	PMAE4100A
Test Freq:	393.0000 (MHz)
Battery:	PMNN4491A
Carry Acc:	PMLN4651A
Audio Acc:	None
Start Power:	5.42 (W)

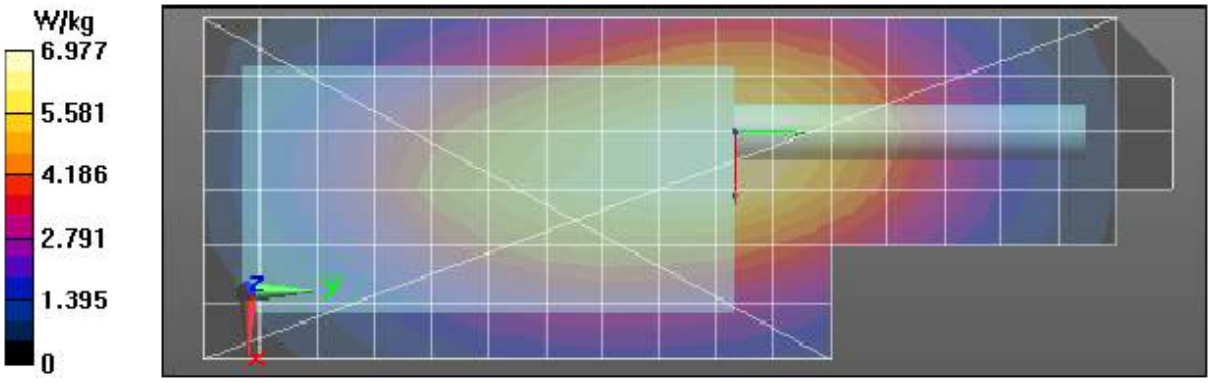
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 393 MHz; σ = 0.9 S/m; ε_r = 56.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 393.1 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 89.99 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 6.15 W/kg; SAR(10 g) = 4.49 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.11 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.99 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 8.01 W/kg
SAR(1 g) = 6.02 W/kg; SAR(10 g) = 4.47 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.94 W/kg



Assessments at the Face for Outside PT90
Table 31

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/22/2016 3:57:00 PM

Robot#: DASY5-PG-4 | Run:	AZ-FACE-161122-12#
Model#:	H92QDH9PW7AN (PMUE5244A)
Phantom#:	ELI5 1147
Tissue Temp:	20.7 (C)
Serial#:	837TSX0074
Antenna:	PMAE4100A
Test Freq:	380.000 (MHz)
Battery:	PMNN4448A
Carry Acc:	@ front
Audio Acc:	None
Start Power:	5.70 (W)

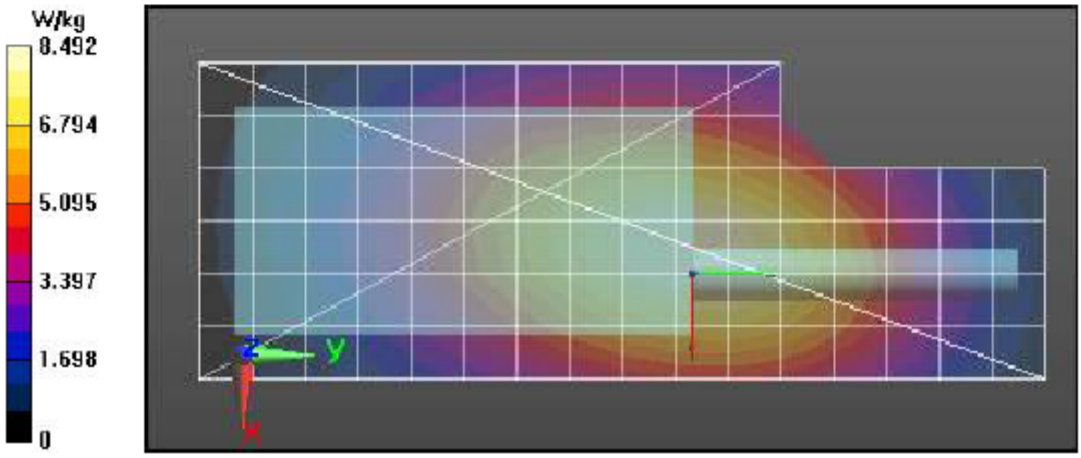
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 380 MHz; σ = 0.83 S/m; ε_r = 45; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 380 MHz, ConvF(10.62, 10.62, 10.62); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 101.0 V/m; Power Drift = -0.16 dB
Fast SAR: SAR(1 g) = 7.71 W/kg; SAR(10 g) = 5.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.74 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.0 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 9.46 W/kg
SAR(1 g) = 7.45 W/kg; SAR(10 g) = 5.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.39 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.27 W/kg



Appendix G
Shortened Scan of Highest SAR configuration

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/21/2016 7:30:56 PM

Robot#: DASY5-PG-4 | Run: AZ-AB-161121-16
Model#: H92QDH9PW7AN (PMUE5244A)
Phantom#: ELI4 1040
Tissue Temp: 20.2 (C)
Serial#: 837TSX0076
Antenna: PMAE4100A
Test Freq: 406.1250 (MHz)
Battery: PMNN4491A
Carry Acc: PMLN4651A
Audio Acc: None
Start Power: 5.42 (W)

Comments: Shorten scan

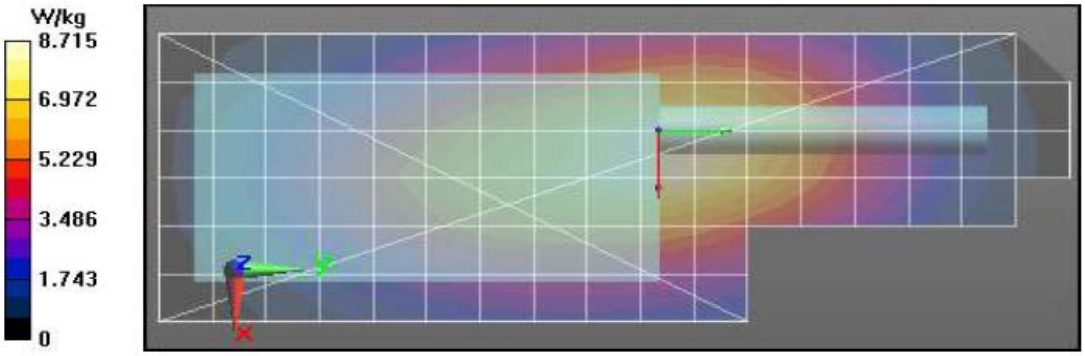
Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.91 S/m; ε_r = 56.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7422, , Frequency: 406.125 MHz, ConvF(11.01, 11.01, 11.01); Calibrated: 7/29/2016
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 98.60 V/m; Power Drift = -0.24 dB
Fast SAR: SAR(1 g) = 7.72 W/kg; SAR(10 g) = 5.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.03 W/kg

Below 2 GHz-Rev.2/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
Reference Value = 98.60 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 7.47 W/kg; SAR(10 g) = 5.48 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.19 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 100.0 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 8.04 W/kg; SAR(10 g) = 5.92 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.50 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.78 W/kg



Shortened scan reflects highest SAR producing configuration and is compared to the full scan.

Scan Description	Referenced Table	Test Time (min.)	SAR 1g (W/kg)	SAR 10g (W/kg)
Shorten scan (zoom)	32	7	4.46	3.28
Full scan (area & zoom)	24	23	4.84	3.58

Appendix H
DUT Test Position Photos

Photos available in Exhibit 7B

Appendix I
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B