MOTOROLA SOLUTIONS

TESTING CERT # 2518.05

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

Motorola Solutions Inc.
EME Test Laboratory
Motorola Solutions Malaysia Sdn Bhd (455657-H)
Plot 2, Bayan Lepas Technoplex Industrial Park,
Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.

Date of Report: 11/10/2015
Report Revision: A

Responsible Engineer:	Tiong Nguk Ing (EME Engineer)
Report Author:	Tiong Nguk Ing (EME Engineer)
Date/s Tested:	9/5/2015- 9/13/2015
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable 896-941 MHz 2W ENG FKP WIFI GOB
Test TX mode(s):	TDMA (PTT) , Bluetooth, WLAN 802.11 b/g/n
Max. Power output:	2.4 W (LMR 896-902 & 935-941 MHz band), 7.9 mW (Bluetooth), 22.4 mW (WLAN 802.11 b), 7.9 mW (WLAN 802.11g), 7.9 mW (WLAN 802.11n)
Nominal Power:	2.0 W (LMR 896-902 & 935-941 MHz band), 6.3 mW (Bluetooth), 17.8 mW (WLAN 802.11 b), 6.3 mW (WLAN 802.11g), 6.3 mW (WLAN 802.11n)
Tx Frequency Bands:	LMR 896-902 & 935-941 MHz; Bluetooth 2.402-2.480 GHz; WLAN 802.11 b/g/n 2.412-2.462 GHz
Signaling type:	TDMA (LMR), FHSS (Bluetooth), 802.11 b/g/n (WLAN)
Model(s) Tested:	PMUF1629B
Model(s) Certified:	PMUF1629B
Serial Number(s):	806TRR0551, 806TRR0511
Classification:	Occupational/Controlled
FCC ID:	AZ489FT7075; LMR 896-902 & 935-941 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-89FT7075; This report contains results that are immaterial for IC equipment approval, which are clearly identified.

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: 2015.11.30 10:16:22 -05'00'

Deanna Zakharia
EME Lab Senior Resource Manager,
Laboratory Director
Approval Date: 11/30/2015

Certification Date: 11/30/2015

Certification No.: L1150914P

Appendix D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/5/2015 8:23:39 AM

Robot#: DASY5-PG-3 | Run#:	FIE-SYSP-900B-150905-01
Dipole Model#	D900V2
Phantom#:	EL14 1037
Tissue Temp:	20.4 (C)
Serial#:	1d025
Test Freq:	900.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.21 dB
Adjusted SAR (1W):	10.64 (1g)

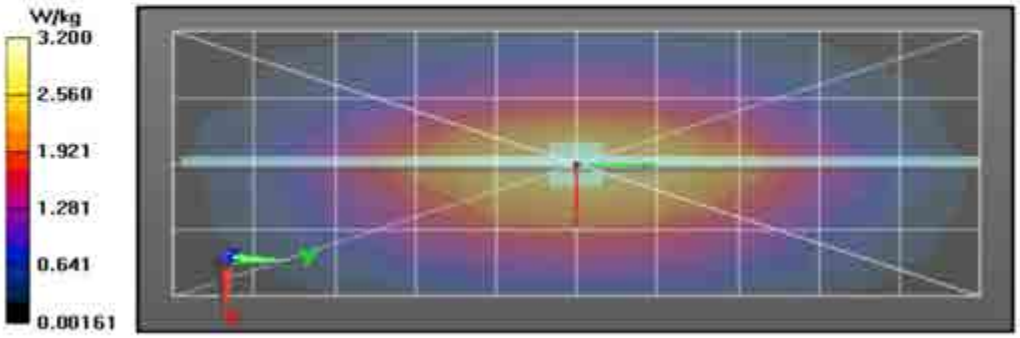
Comments:

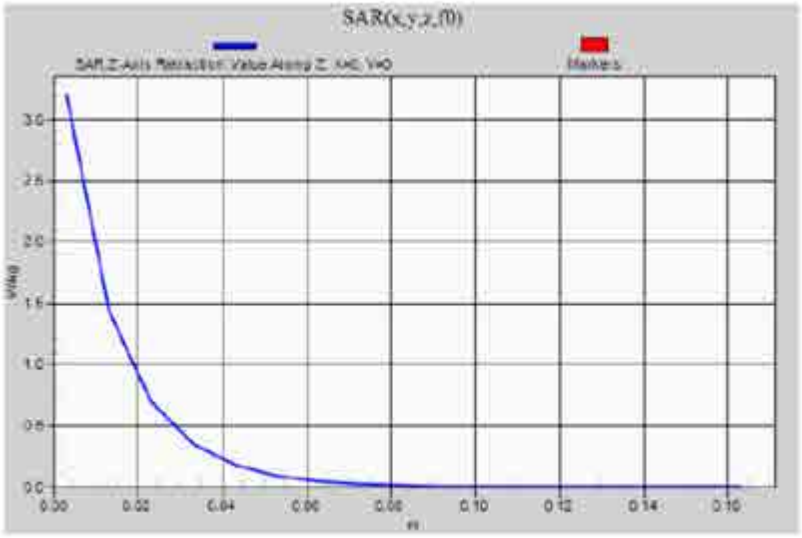
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.07 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Freequency: 900 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Configuration/System Performance Check/Dipole Area Scan 2 (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.99 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.74 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.19 W/kg

Configuration/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.99 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.09 W/kg
SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.20 W/kg

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





Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/7/2015 6:51:03 AM

Robot#: DASY5-PG-3 | Run#:	TLC-SYSP-900B-150907-01
Dipole Model#:	D900V2
Phantom#:	ELI4 1037
Tissue Temp:	23.1 (C)
Serial#:	1d025
Test Freq:	900.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.21 dB
Adjusted SAR (1W):	10.60 (1g)

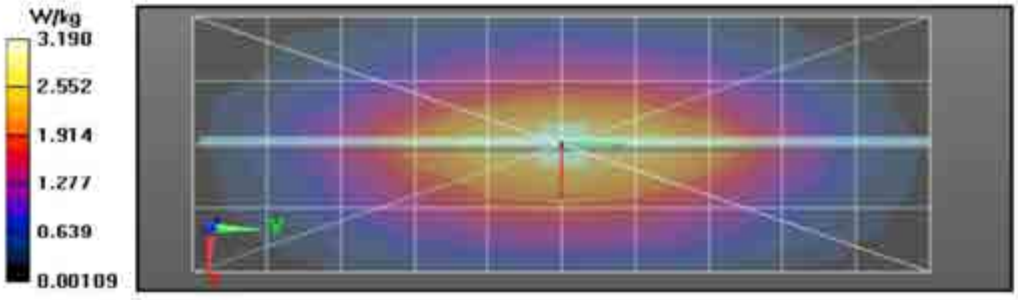
Comments:

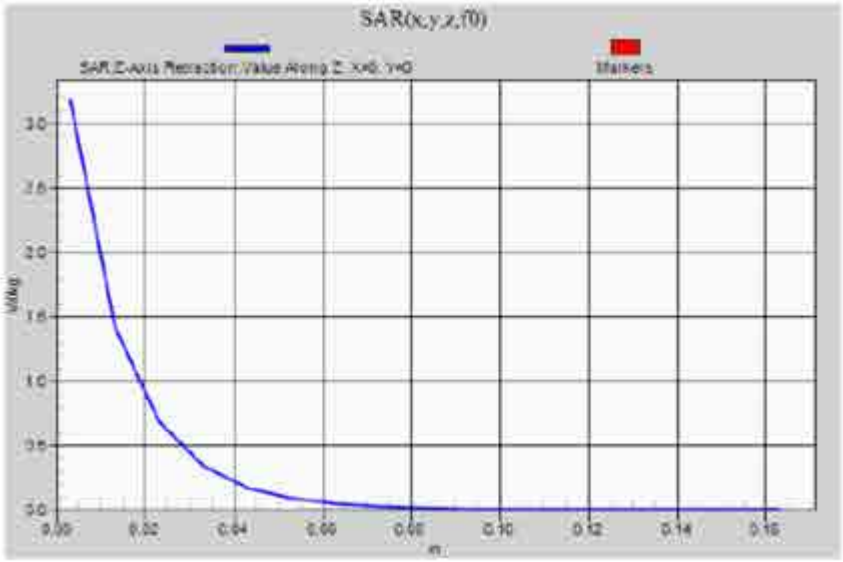
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.07 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 900 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Configuration/System Performance Check/Dipole Area Scan 2 (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.91 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.74 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.17 W/kg

Configuration/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.91 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.10 W/kg
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.71 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.19 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/8/2015 7:23:09 AM

Robot#: DASY5-PG-3 | Run#:	TLC-SYSP-900B-150908-01
Dipole Model#	D900V2
Phantom#:	ELI4 1037
Tissue Temp:	23.2 (C)
Serial#:	1d025
Test Freq:	900.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.23 dB
Adjusted SAR (1W):	10.60 (1g)

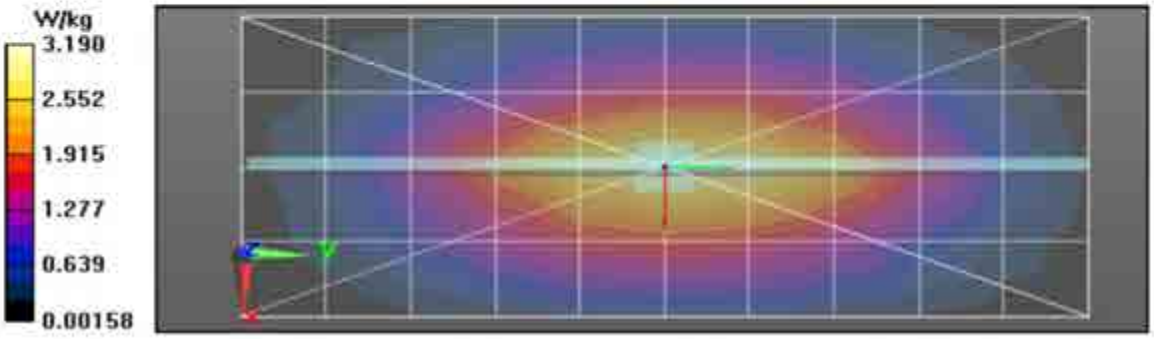
Comments:

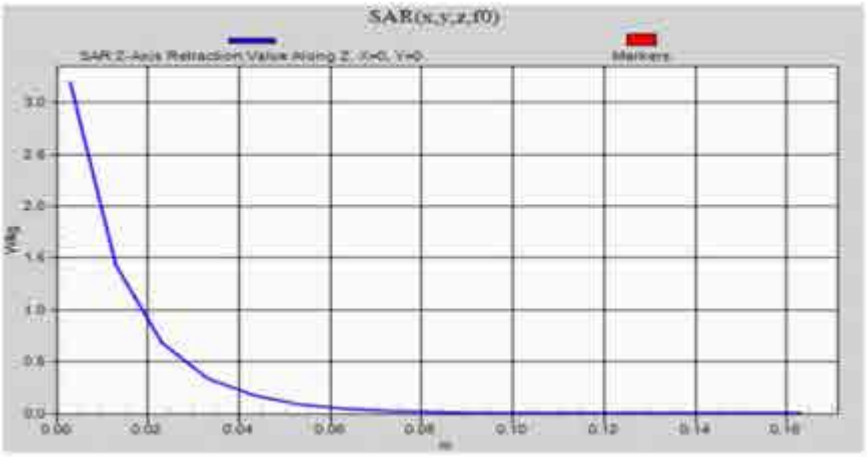
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz, σ = 1.07 S/m; ε_r = 52.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 900 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Configuration/System Performance Check/Dipole Area Scan 2 (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 55.07 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.19 W/kg

Configuration/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 55.07 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.09 W/kg
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.19 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/8/2015 7:33:09 PM

Robot#: DASY5-PG-3 [Run#:	FIE-SYSP-900H-150908-05
Dipole Model#	D900V2
Phantom#:	ELI4 1037
Tissue Temp:	20.7 (C)
Serial#:	1d025
Test Freq:	900.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.22 dB
Adjusted SAR (1W):	9.92 (1g)

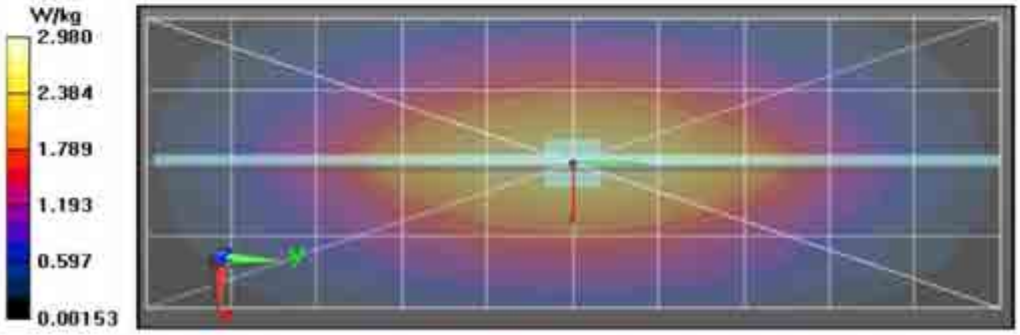
Comments:

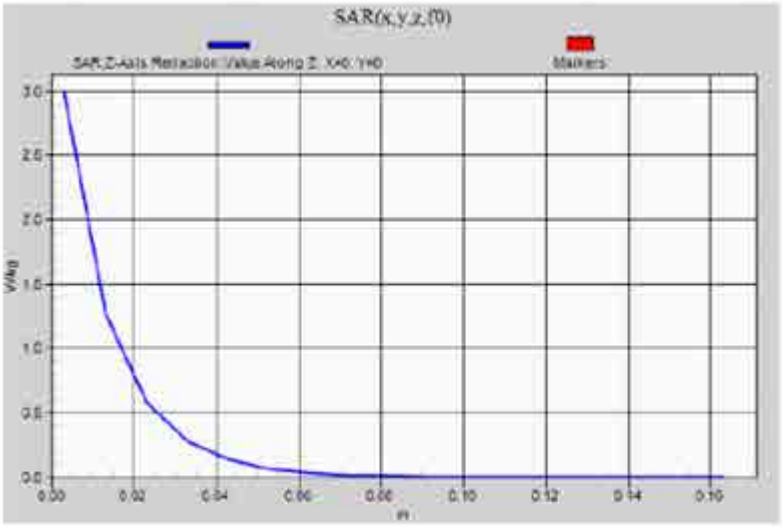
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz, σ = 0.99 S/m; ε_r = 40; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 900 MHz, ConvF(8.26, 8.26, 8.26); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Configuration/System Performance Check/Dipole Area Scan 2 (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 55.35 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.02 W/kg

Configuration/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 55.35 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.85 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.00 W/kg

Configuration/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.98 W/kg





Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/10/2015 10:22:44 PM

Robot#: DASY5-PG-03	Run#: FIE-SYSP-2450B-150910-01
Dipole Model#	D2450V2
Phantom#:	ELI4 1050
Tissue Temp	20.7 (C)
Serial#:	781
Test Freq:	2450 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.2 dB
Adjusted SAR (1W):	48.00 mW/g (1g)

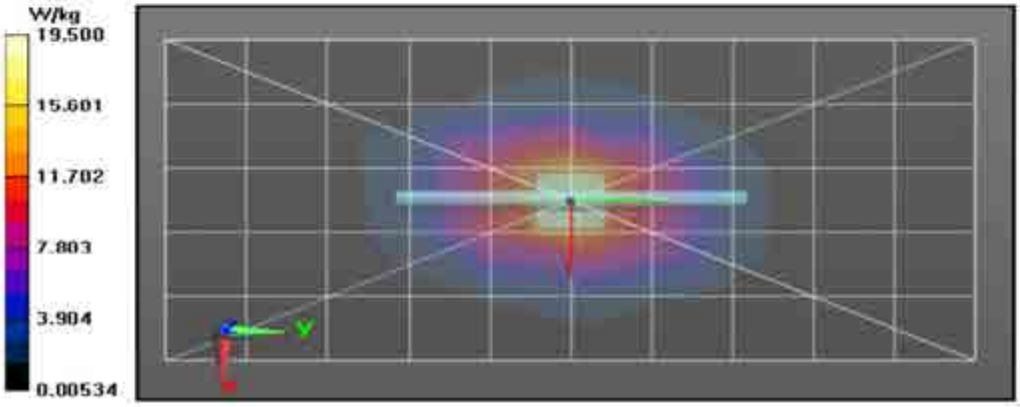
Comments:

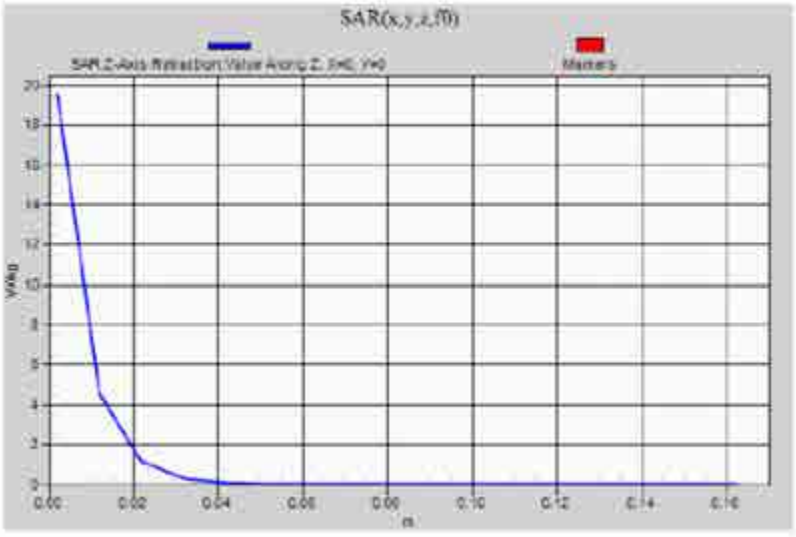
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 2.01 S/m; ε_r = 47.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 2450 MHz, ConvF(6.63, 6.63, 6.63); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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 = 99.84 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.1 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 = 99.84 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 26.6 W/kg
SAR(1 g) = 12 W/kg; SAR(10 g) = 5.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 19.4 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) = 19.5 W/kg





Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/13/2015 10:43:22 AM

Robot#: DASY5-PG-03 | Run#:	FIE-SYSP-2450H-150913-01
Dipole Model#:	D2450V2
Phantom#:	ELI4 1028
Tissue Temp:	21.2 (C)
Serial#:	781
Test Freq:	2450 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.2 dB
Adjusted SAR (1W):	52.80 mW/g (1g)

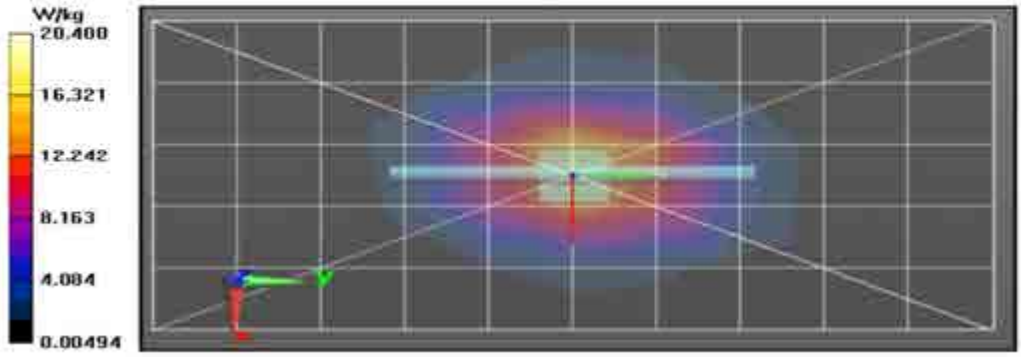
Comments:

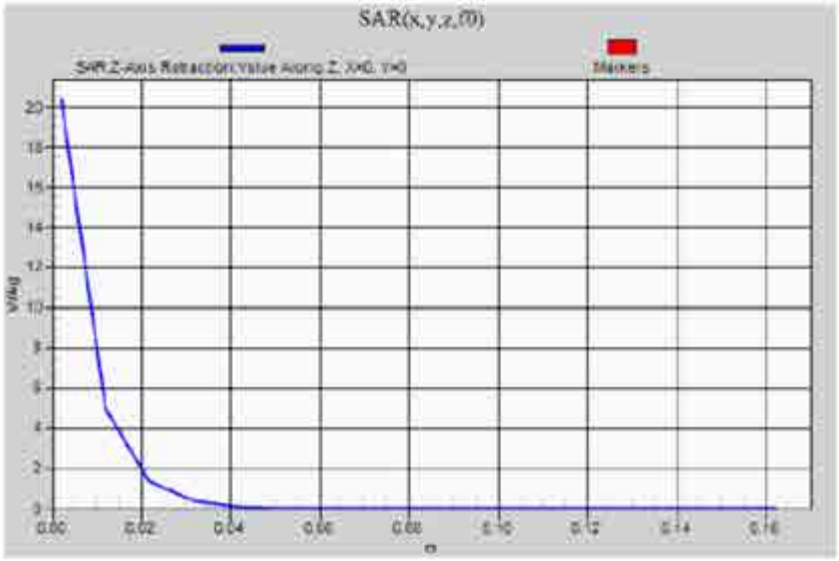
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz, σ = 1.88 S/m, ε_r = 41.5, ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 2450 MHz, ConvF(6.38, 6.38, 6.38); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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 = -0.08 dB
Fast SAR: SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.2 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 = -0.08 dB
Peak SAR (extrapolated) = 27.6 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.3 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) = 20.4 W/kg





Appendix E
DUT Scans

Assessment at the Body for 896-902 MHz band with Body worn PMLN5956B w/ DUT face out Table 18

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/5/2015 12:35:54 PM

Robot#: DASY5-PG-03 | Run#: FIE-AB-150905-08
Model#: PMUF1629B
Phantom#: ELI4 1037
Tissue Temp: 19.9 (C)
Serial#: 806TRR0551
Antenna: PMAF4018A
Test Freq: 901.000 (MHz)
Battery: HKNN4013A
Carry Acc: PMLN5956B w/ DUT face out
Audio Acc: PMLN5958B
Start Power: 2.40 (W)

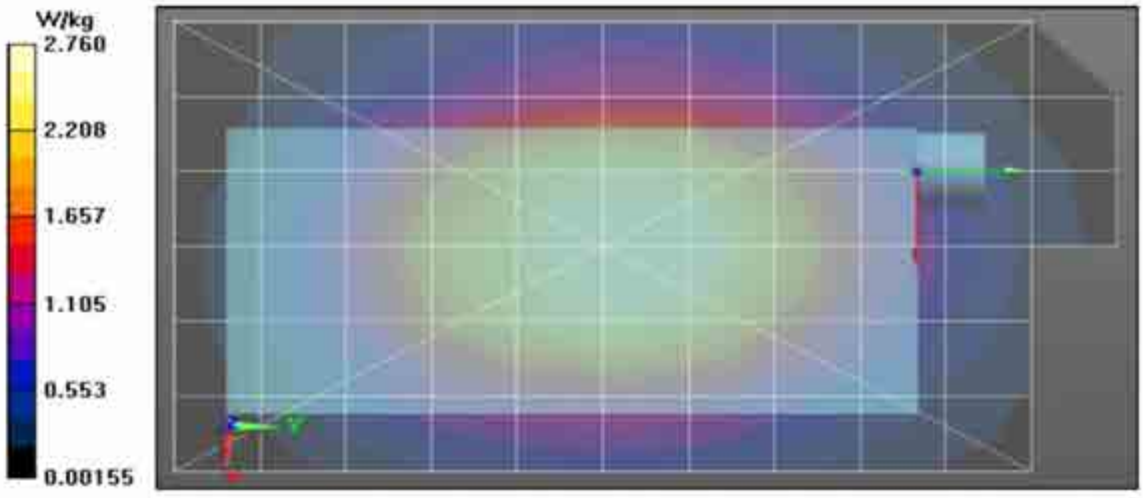
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 901 MHz; σ = 1.08 S/m; ϵ_r = 53.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 901 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.68 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.14 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 = 42.68 V/m; Power Drift = 0.55 dB
Peak SAR (extrapolated) = 3.26 W/kg
SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.90 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) = 2.76 W/kg



Assessment at the Body for 896-902 MHz band with Body worn PMLN5956B w/ DUT face in Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/7/2015 9:07:10 AM

Robot#: DASY5-PG-03 | Run#:	TLC-AB-150907-03
Model#:	PMUF1629B
Phantom#:	ELI4 1037
Tissue Temp:	23.0 (C)
Serial#:	806TRR0551
Antenna:	PMAF4018A
Test Freq:	901.000 (MHz)
Battery:	PMNN4468A
Carry Acc:	PMLN5956B w/ DUT face in
Audio Acc:	PMLN5958B
Start Power:	2.35 (W)

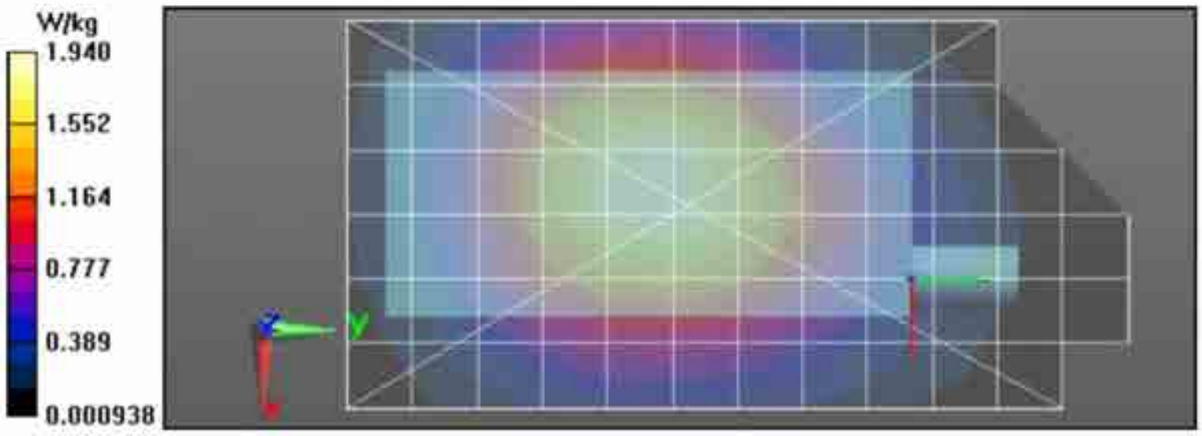
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 901 MHz; σ = 1.07 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 901 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 34.44 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 1.64 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.01 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 = 34.44 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.64 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.96 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) = 1.94 W/kg



Assessment at the Body for 896-902 MHz band with Body worn PMLN7040A
Table 20

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/7/2015 9:41:41 AM

Robot#: DASY5-PG-03 | Run#:	TLC-AB-150907-04
Model#:	PMUF1629B
Phantom#:	ELI4 1037
Tissue Temp:	23.1 (C)
Serial#:	806TRR0551
Antenna:	PMAF4018A
Test Freq:	901.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN7040A
Audio Acc:	PMLN5958B
Start Power:	2.30 (W)

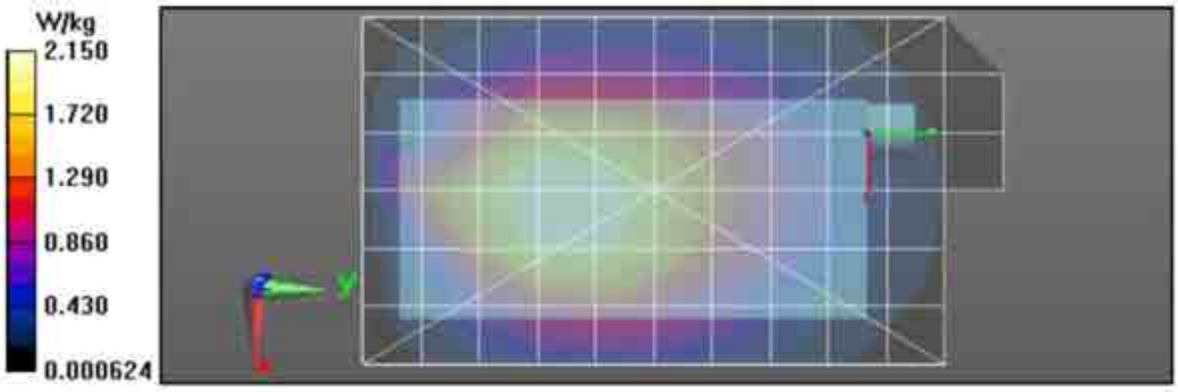
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 901 MHz; σ = 1.07 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 901 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.67 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.41 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 = 36.67 V/m; Power Drift = -0.47 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.89 W/kg; SAR(10 g) = 1.35 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.21 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) = 2.15 W/kg



Assessment of wireless BT configuration for 896-902 MHz band
Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/7/2015 10:58:23 AM

Robot#: DASY5-PG-03 | Run#:	TLC-AB-150907-06
Model#:	PMUF1629B
Phantom#:	ELI4 1037
Tissue Temp:	22.6(C)
Serial#:	806TRR0551
Antenna:	PMAF4018A
Test Freq:	901.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN5956B w/ DUT face out
Audio Acc:	NONE
Start Power:	2.34 (W)

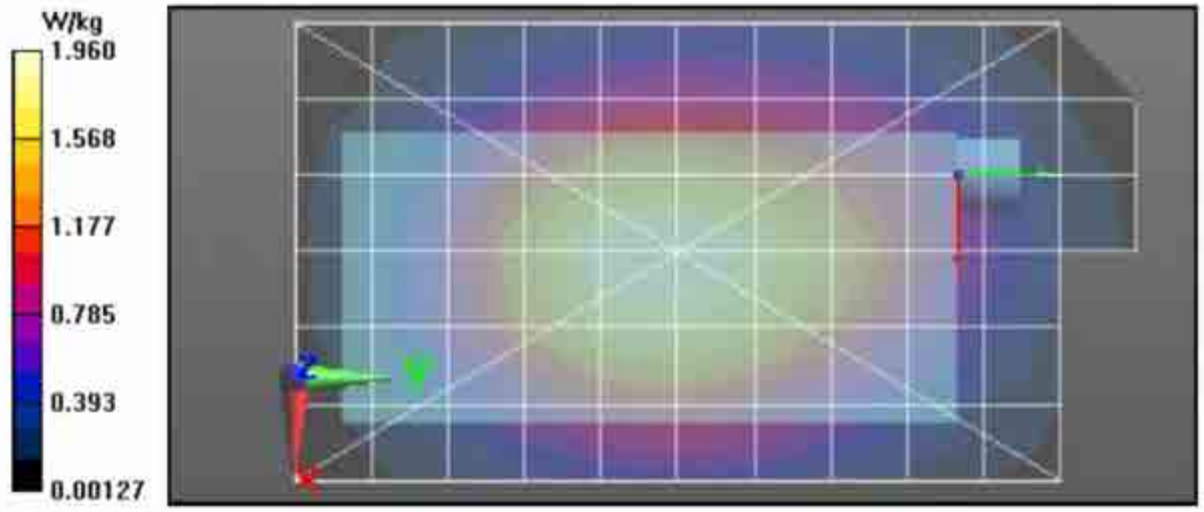
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 901 MHz; σ = 1.07 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 901 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.47 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 1.7 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.08 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 = 38.47 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 1.65 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.95 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) = 1.96 W/kg



Assessment at the Body for 935-941 MHz band with Body worn PMLN5956B w/ DUT face out
Table 23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/7/2015 6:08:09 PM

Robot#: DASY5-PG-03 | Run#: FIE-AB-150907-14	
Model#:	PMUF1629B
Phantom#:	ELI4 1037
Tissue Temp:	22.4 (C)
Serial#:	806TRR0551
Antenna:	PMAF4018A
Test Freq:	940.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN5956B w/ DUT face out
Audio Acc:	PMLN5958B
Start Power:	2.40 (W)

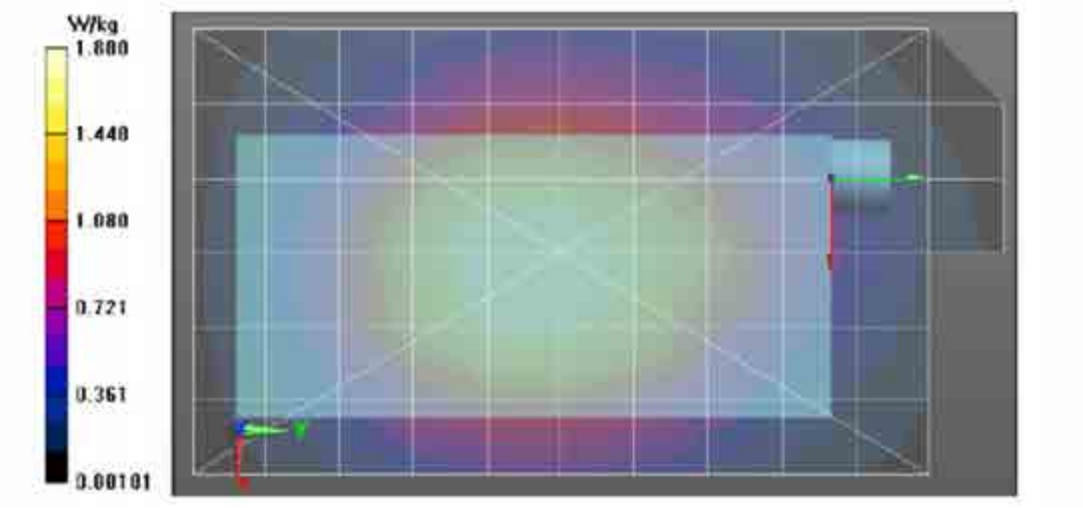
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 940 MHz; σ = 1.12 S/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 940 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.40 V/m; Power Drift = -0.42 dB
Fast SAR: SAR(1 g) = 1.63 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.00 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 = 36.40 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.55 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.89 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) = 1.80 W/kg



Assessment at the Body for 935-941 MHz band with Body worn PMLN5956B w/ DUT face in Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/7/2015 6:50:38 PM

Robot#: DASY5-PG-03 | Run#:	FIE-AB-150907-15
Model#:	PMUF1629B
Phantom#:	ELI4 1037
Tissue Temp:	22.4 (C)
Serial#:	806TRR0551
Antenna:	PMAF4018A
Test Freq:	940.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN5956B w/ DUT face in
Audio Acc:	PMLN5958B
Start Power:	2.39 (W)

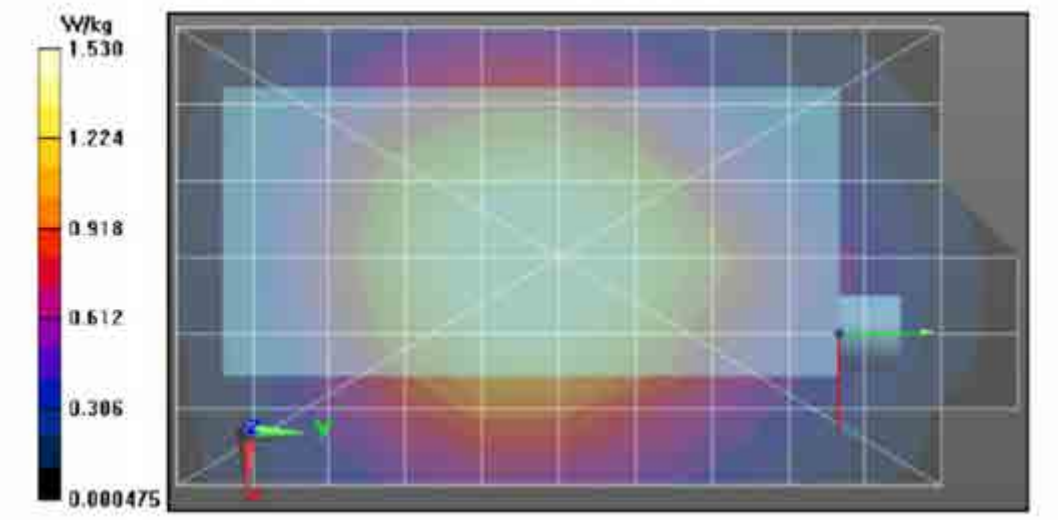
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 940 MHz; σ = 1.12 S/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 940 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.27 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.968 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.71 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 = 36.27 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.969 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.62 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) = 1.53 W/kg



Assessment at the Body for 935-941 MHz band with Body worn PMLN7040A
Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/7/2015 8:07:28 PM

Robot#: DASY5-PG-03 | Run#: FIE-AB-150907-17
Model#: PMUF1629B
Phantom#: ELI4 1037
Tissue Temp: 22.5 (C)
Serial#: 806TRR0551
Antenna: PMAF4018A
Test Freq: 940.000 (MHz)
Battery: HKNN4013A
Carry Acc: PMLN7040A
Audio Acc: PMLN5958B
Start Power: 2.40 (W)

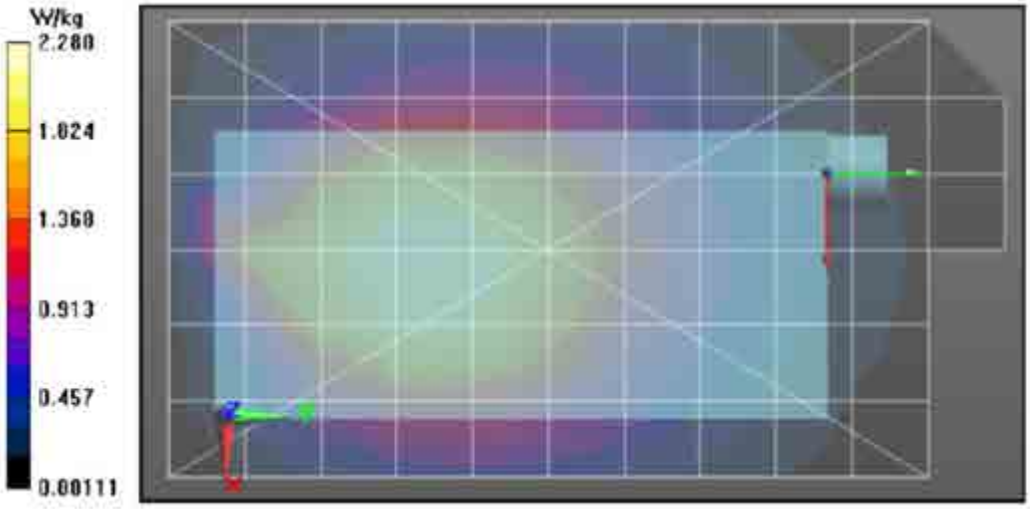
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 940 MHz; σ = 1.12 S/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 940 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 34.37 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.50 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 = 34.37 V/m; Power Drift = -0.64 dB
Peak SAR (extrapolated) = 2.66 W/kg
SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.32 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) = 2.28 W/kg



Assessment of wireless BT configuration for 935-941 MHz band
Table 26

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/8/2015 8:05:18 AM

Robot#: DASY5-PG-03 | Run#:	TLC-AB-150908-02
Model#:	PMUF1629B
Phantom#:	ELI4 1037
Tissue Temp:	22.6 (C)
Serial#:	806TRR0511
Antenna:	PMAF4018A
Test Freq:	940.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN7040A
Audio Acc:	NONE
Start Power:	2.36 (W)

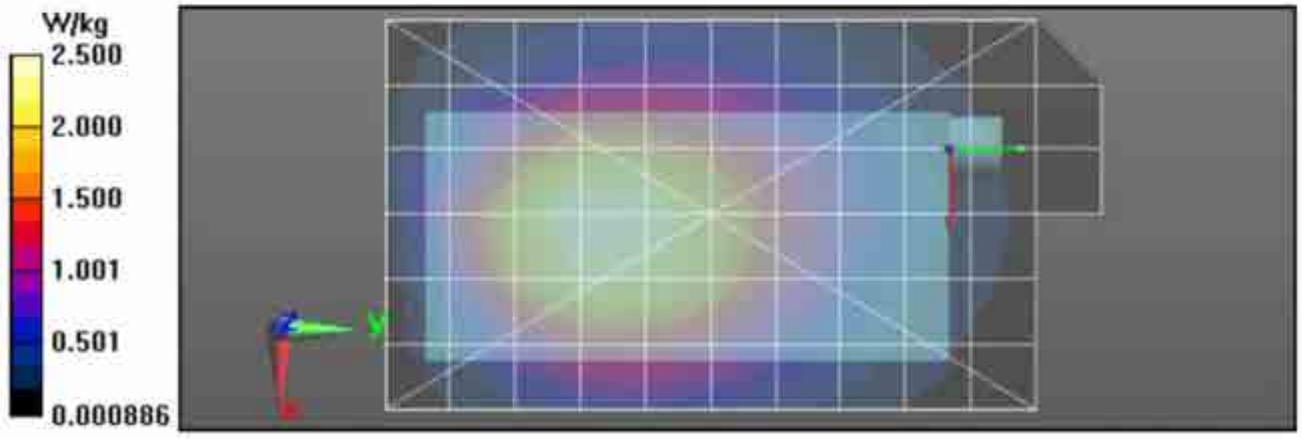
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 940 MHz; σ = 1.12 S/m; ε_r = 52.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 940 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 35.57 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.59 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 = 35.57 V/m; Power Drift = -0.60 dB
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.56 W/kg

Below 2 GHz-Rev.2/AB scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm



Assessments at the Body for 802.11 b/g/n
Table 28

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/11/2015 2:53:45 PM

Robot#: DASY5-PG-03 | Run#: FIE-AB-150911-10
Model#: PMUF1629B
Phantom#: ELI5 1147
Tissue Temp: 19.8 (C)
Serial#: 806TRR0511
Antenna: PMLF4170A
WiFi Ant PMLF4170A WiFi Ant
Test Freq: 2412.000(MHz)
Battery: PMNN4468A
Carry Acc: PMLN5956B w/ DUT face in
Audio Acc: None
Start Power: 0.0507 (W)

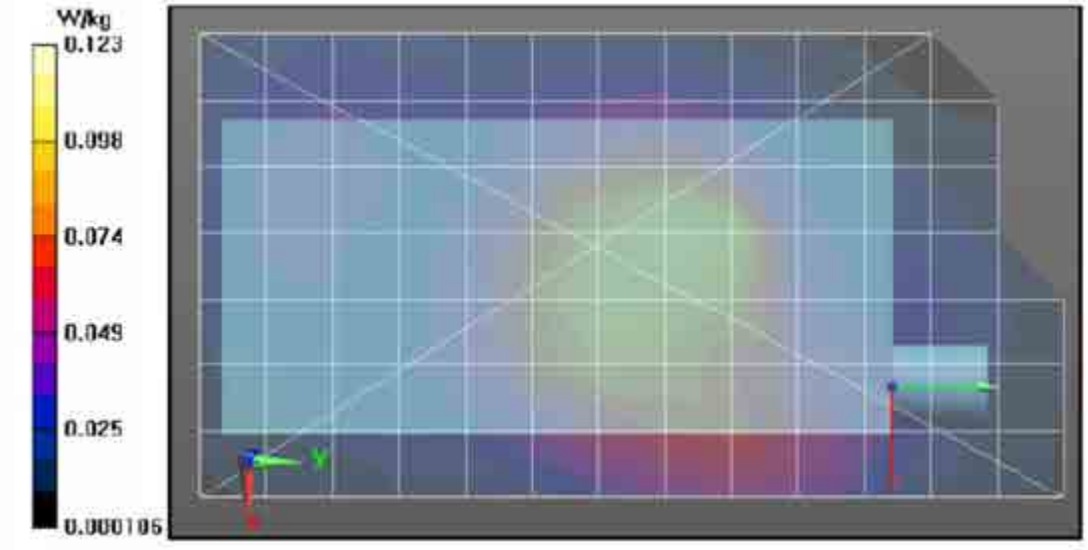
Comments:

Duty Cycle: 1:1.53815, Medium parameters used: f = 2412 MHz; σ = 1.97 S/m; ε_r = 47.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 2412 MHz, ConvF(6.63, 6.63, 6.63); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 6.106 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.046 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.112 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.106 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.046 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.122 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) = 0.123 W/kg



Assessment at the Face for 896-902 MHz band

Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/9/2015 1:52:51 PM

Robot#: DASY5-PG-3 | Run#:	FIE(PS)-FACE-150909-08
Model#:	PMUF1629B
Phantom#:	ELI4 1050
Tissue Temp:	21.3 (C)
Serial#:	806TRR0511
Antenna:	PMAF4018A
Test Freq:	901.000 (MHz)
Battery:	PMNN4468A
Carry Acc:	@front
Audio Acc:	NA
Start Power:	2.38 (W)

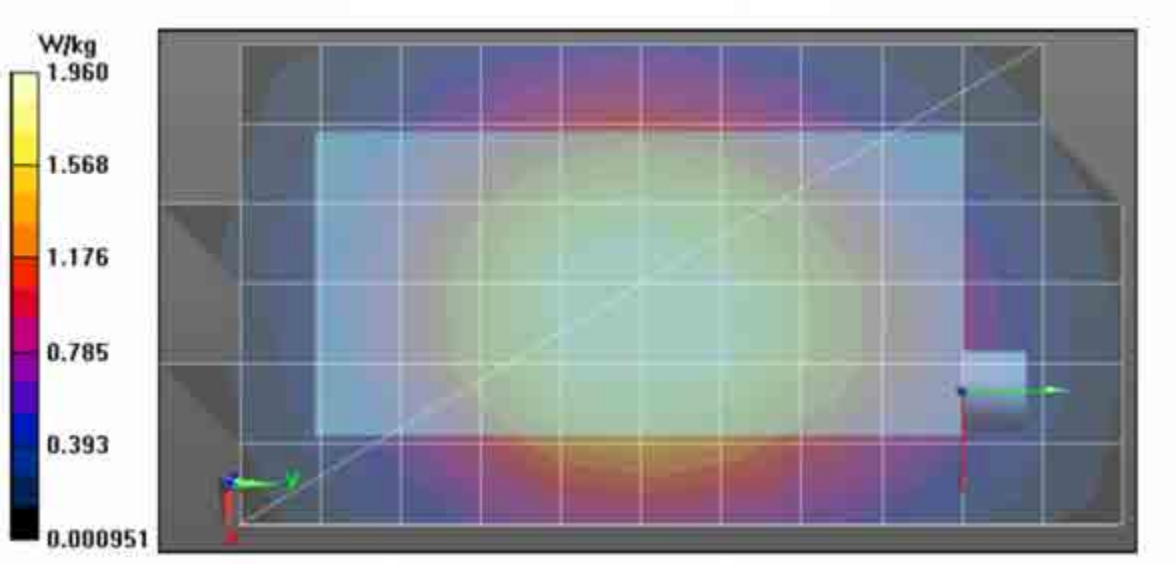
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 901 MHz; σ = 0.99 S/m; ε_r = 40; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 901 MHz, ConvF(8.26, 8.26, 8.26); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.26 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.18 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.26 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 2.35 W/kg
SAR(1 g) = 1.71 W/kg; SAR(10 g) = 1.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.05 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) = 1.96 W/kg



Assessment at the Face for 935-941 MHz band
Table 32

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/9/2015 1:14:07 PM

Robot#: DASY5-PG-3 | Run#:	FIE-FACE-150909-07
Model#:	PMUF1629B
Phantom#:	ELI4 1050
Tissue Temp:	21.3 (C)
Serial#:	806TRR0551
Antenna:	PMAF4018A
Test Freq:	940.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	@front
Audio Acc:	NA
Start Power:	2.40 (W)

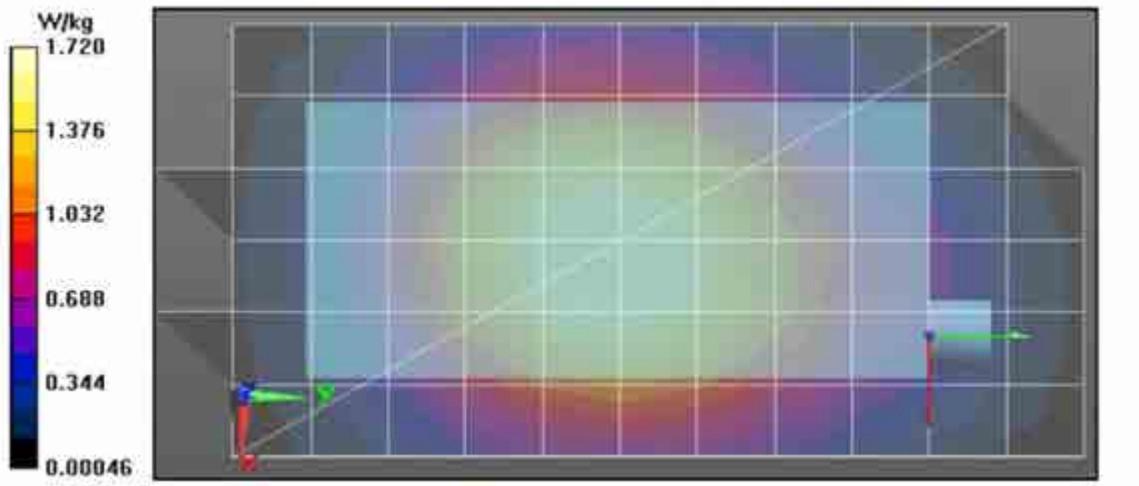
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 940 MHz; σ = 1.03 S/m; ε_r = 39.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 940 MHz, ConvF(8.26, 8.26, 8.26); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.55 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 1.53 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.89 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.55 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.45 W/kg; SAR(10 g) = 1.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.78 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) = 1.72 W/kg



Assessments at the Face for 802.11 b/g/n
Table 34

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/13/2015 1:59:13 PM

Robot#: DASY5-PG-3 | Run#:	FIE-FACE-150913-05
Model#:	PMUF1629B
Phantom#:	ELI4 1028
Tissue Temp:	20.0 (C)
Serial#:	806TRR0551
Antenna:	PMLF4170A WiFi Ant
Test Freq:	2412.000 (MHz)
Battery:	PMNN4468A
Carry Acc:	None
Audio Acc:	None
Start Power:	0.0507 (W)

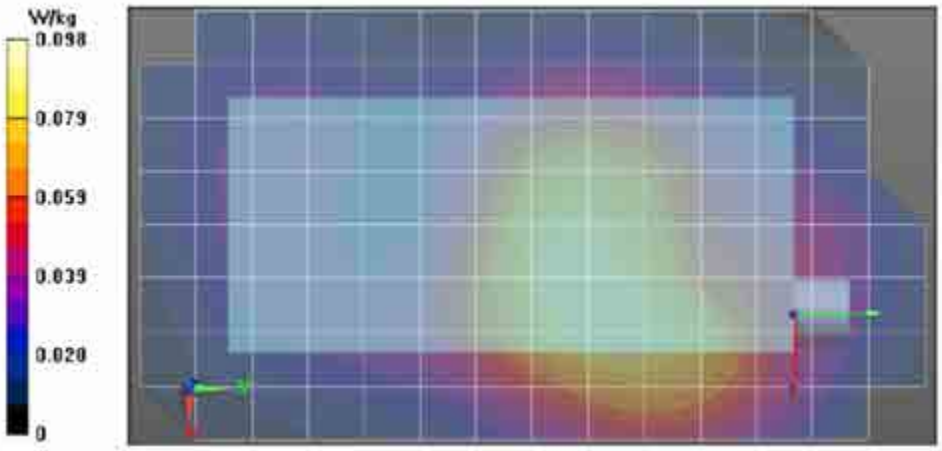
Comments:

Duty Cycle: 1:1.53815, Medium parameters used: f = 2412 MHz; σ = 1.84 S/m; ε_r = 41.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 2412 MHz, ConvF(6.38, 6.38, 6.38); Calibrated: 2/27/2015
Electronics: DAE4 Sn688; Calibrated: 2/23/2015

2-3 GHz-Rev.2/Face Scan/1-Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 7.274 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.044 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.102 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.274 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.042 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.101 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) = 0.0984 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/8/2015 8:36:39 AM

Robot#: DASY5-PG-03 | Run#: TLC-AB-150908-03
Model#: PMUF1629B
Phantom#: ELI4 1037
Tissue Temp: 22.6 (C)
Serial#: 806TRR0511
Antenna: PMAF4018A
Test Freq: 940.000 (MHz)
Battery: HKNN4013A
Carry Acc: PMLN7040A
Audio Acc: NONE
Start Power: 2.40(W)

Comments: Shorten scan

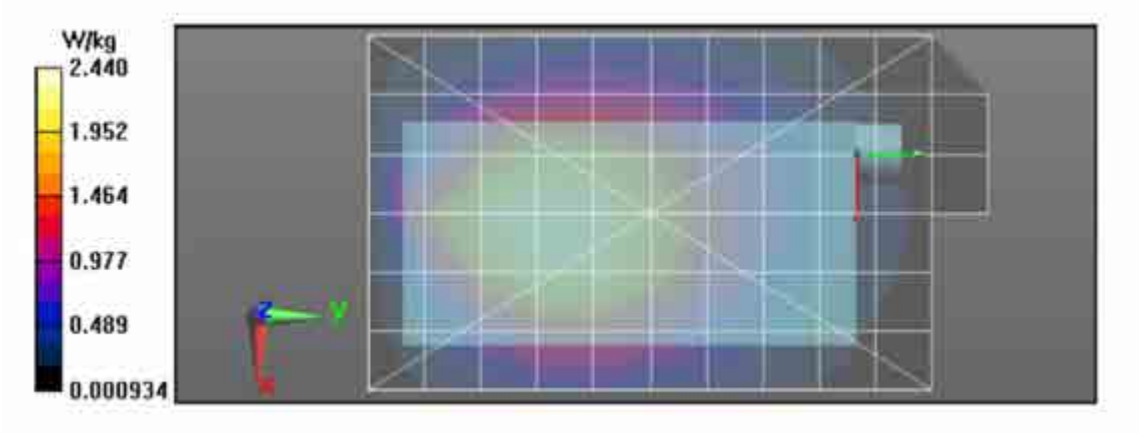
Duty Cycle: 1:1.99986, Medium parameters used: f = 940 MHz, σ = 1.12 S/m; ε_r = 52.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 940 MHz, ConvF(8.09, 8.09, 8.09); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/AB scan/1-Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.04 V/m; Power Drift = -0.45 dB
Fast SAR: SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.70 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 = 36.04 V/m; Power Drift = -0.53 dB
Fast SAR: SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.33 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 = 48.91 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.65 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) = 2.44 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)	35	8	1.216	0.861
Full scan (area & zoom)	26	20	1.220	0.858

APPENDIX G
DUT Test Position Photos

Photos available in Exhibit 7B

APPENDIX H
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B