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: **12/29/2015**
Report Revision: **B**

Responsible Engineer:	Tiong Nguk Ing (EME Engineer)
Report Author:	Tiong Nguk Ing (EME Engineer)
Date/s Tested:	9/23/2015- 9/28/2015,10/15/2015- 10/19/2015
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable 450-527 MHz 3W ENG FKP WiFi GOB
Test TX mode(s):	TDMA (PTT) , Bluetooth, WLAN 802.11 b/g/n
Max. Power output:	3.6 W (LMR 450-527 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:	3.0 W (LMR 450-527 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 450-527 MHz; Bluetooth 2.402-2.480 GHz; WLAN 802.11 b/g/n 2.412-2.484 GHz
Signaling type:	TDMA (LMR), FHSS (Bluetooth), 802.11 b/g/n (WLAN)
Model(s) Tested:	PMUE4402B
Model(s) Certified:	PMUE4402B
Serial Number(s):	682TRT0041, 682TRT0043, 682TRT0045 & 682TRT0048
Classification:	Occupational/Controlled
FCC ID:	AZ489FT7073; LMR 450-512 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-89FT7073; 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: 2016.01.05 11:17:06 -05'00'

Deanna Zakharia
EME Lab Senior Resource Manager,
Laboratory Director
Approval Date: 1/5/2016

Certification Date: 11/9/2015

Certification No.: L1151088P

Appendix D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/23/2015 8:57:07 AM

Robot#: DASY5-PG-3 | Run#:	FIE-SYSP-450B-150923-01
Dipole Model#	D450V3
Phantom#:	ELI4 1103
Tissue Temp:	20.8 (C)
Serial#:	1053
Test Freq:	450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.19 dB
Adjusted SAR (1W):	4.76 mW/g (1g)

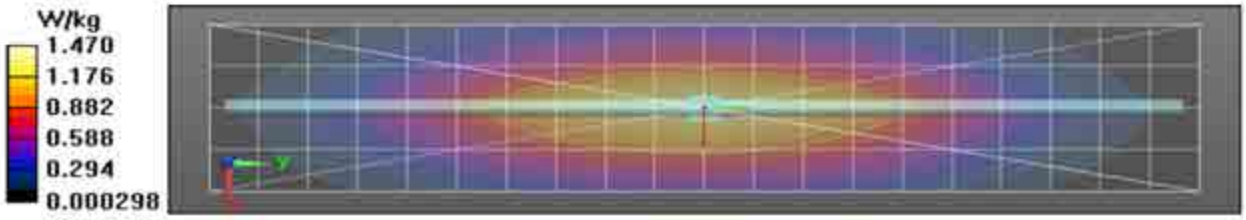
Comments:

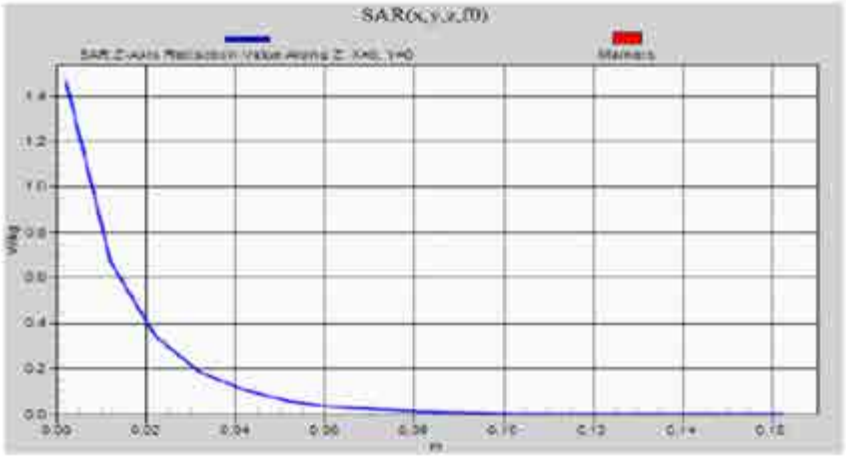
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 55.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 450 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Configuration/System Performance Check/Dipole Area Scan 2 (41x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.70 V/m; Power Drift = 0.13 dB
Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.859 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.46 W/kg

Configuration/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.70 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.795 W/kg (SAR corrected for target medium)

Configuration/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.47 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/25/2015 3:30:42 PM

Robot#: DASY5-PG-3 | Run#:	TLC-SYSP-450B-150925-01
Dipole Model#	D450V3
Phantom#:	ELI5 1150
Tissue Temp:	20.6 (C)
Serial#:	1053
Test Freq:	450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.2 dB
Adjusted SAR (1W):	4.64 mW/g (1g)

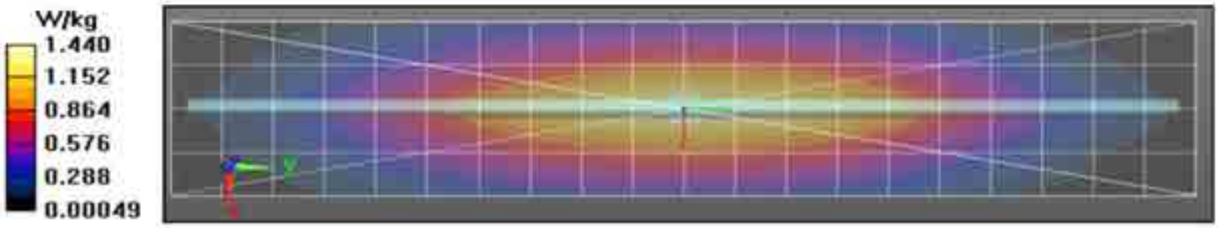
Comments:

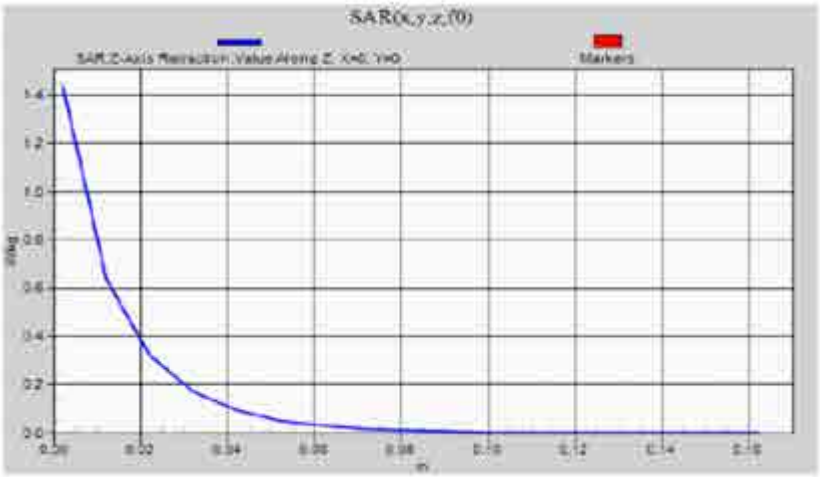
Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 55.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 450 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Configuration/System Performance Check/Dipole Area Scan 2 (41x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.29 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.842 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.44 W/kg

Configuration/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.29 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.769 W/kg (SAR corrected for target medium)

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/28/2015 6:50:55 AM

Robot#: DASY5-PG-3 | Run#:	TLC-SYSP-450H-150928-01
Dipole Model#	D450V3
Phantom#:	ELI4 1028
Tissue Temp:	20.6 (C)
Serial#:	1053
Test Freq:	450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.21dB
Adjusted SAR (1W):	4.44 mW/g (1g)

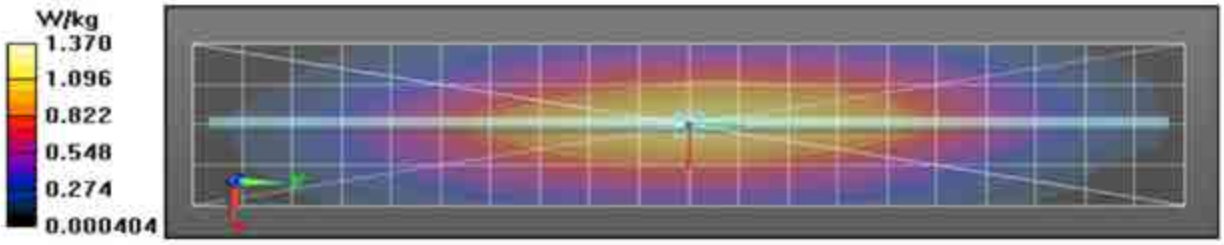
Comments:

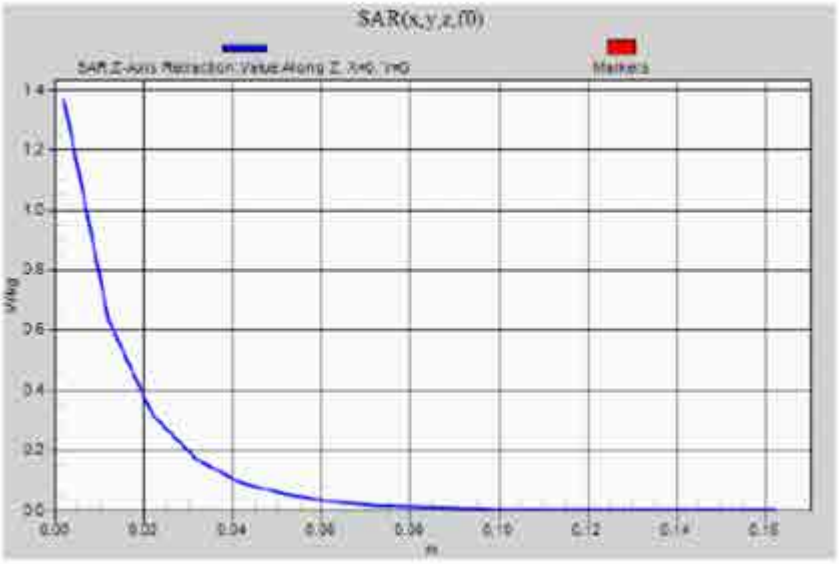
Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.85$ S/m; $\varepsilon_r = 43.7$; $\rho = 1000$ kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 450 MHz, ConvF(8.92, 8.92, 8.92); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Configuration/System Performance Check/Dipole Area Scan 2 (41x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.27 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.788 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.36 W/kg

Configuration/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.27 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.743 W/kg (SAR corrected for target medium)

Configuration/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.37 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/16/2015 1:08:18 PM

Robot#: DASY5-PG-02 | Rm#:	KKL-SYSP-2450B-151016-01
Dipole Model#:	D2450V2
Phantom#:	ELIS 1147
Tissue Temp:	19.6 (C)
Serial#:	781
Test Freq:	2450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.028 dB
Adjusted SAR (1W):	50.80 mW/g (1g)

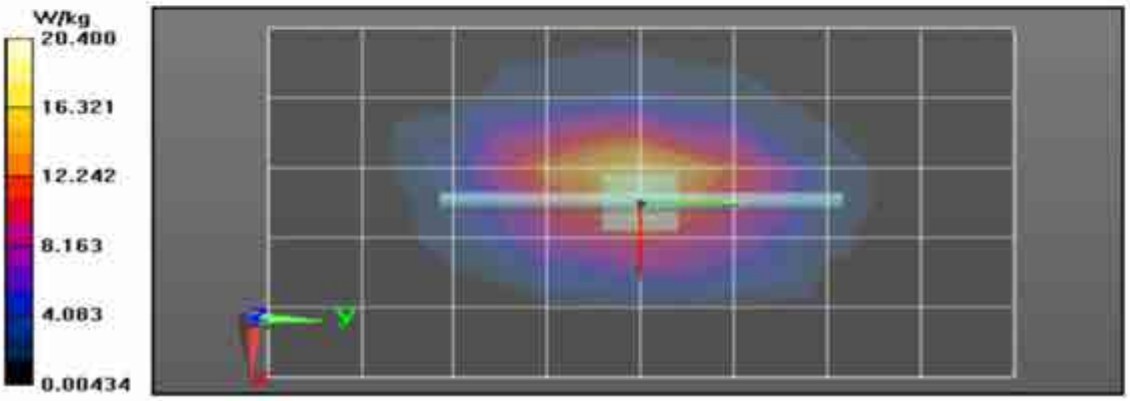
Comments:

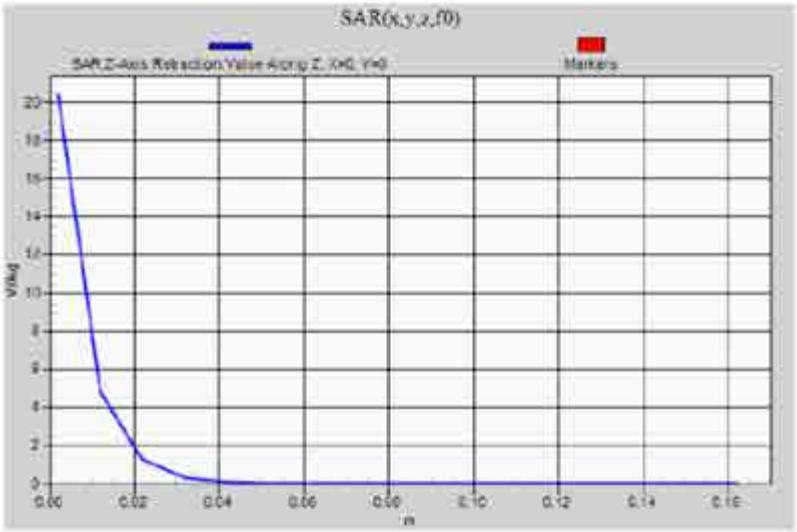
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 2 S/m; ε_r = 47.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, , Frequency: 2450 MHz, ConvF(7.33, 7.33, 7.33); Calibrated: 6/23/2015
Electronics: DAE4 Sn684, Calibrated: 11/5/2014

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 102.9 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.12 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 = 102.9 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 27.7 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.87 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) = 20.4 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/19/2015 12:52:36 PM

Robot#: DASY5-PG-02 | Run#:	FIE-SYSP-2450H-151019-03
Dipole Model#:	D2450V2
Phantom#:	ELI4 1103
Tissue Temp:	20.2 (C)
Serial#:	781
Test Freq:	2450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.099 dB
Adjusted SAR (1W):	54.00 mW/g (1g)

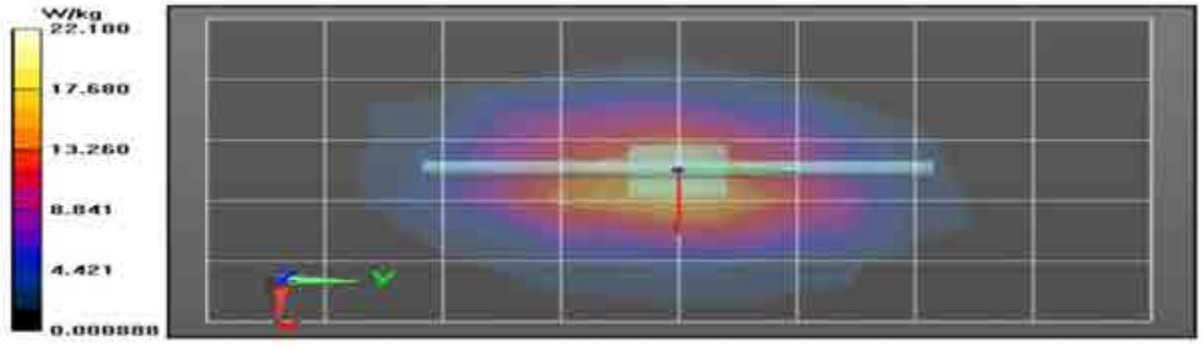
Comments:

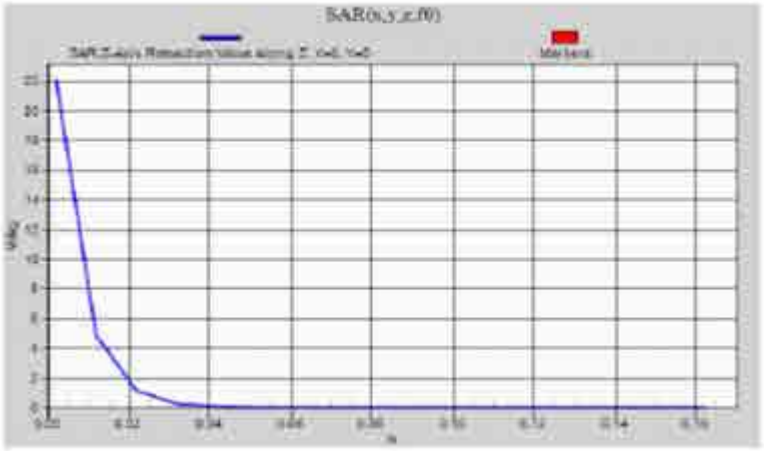
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.88 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, , Frequency: 2450 MHz, ConvF(7.18, 7.18, 7.18); Calibrated: 6/23/2015
Electronics: DAE4 Sn684, Calibrated: 11/5/2014

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 109.9 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.6 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 = 109.9 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 30.2 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 21.7 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) = 22.1 W/kg





Appendix E
DUT Scans

Assessment at the Body for LMR band with Body worn PMLN5956B w/ DUT face out
Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/23/2015 9:42:46 PM

Robot#: DASY5-PG-3 [Run#:	TLC-AB-150923-15
Model#:	PMUE4402B
Phantom#:	ELI5 1150
Tissue Temp:	19.7 (C)
Serial#:	682TRT0043
Antenna:	PMAE4091A
Test Freq:	460.000(MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN5956B w/DUT face Out
Audio Acc:	PMLN5958B
Start Power:	3.60 (W)

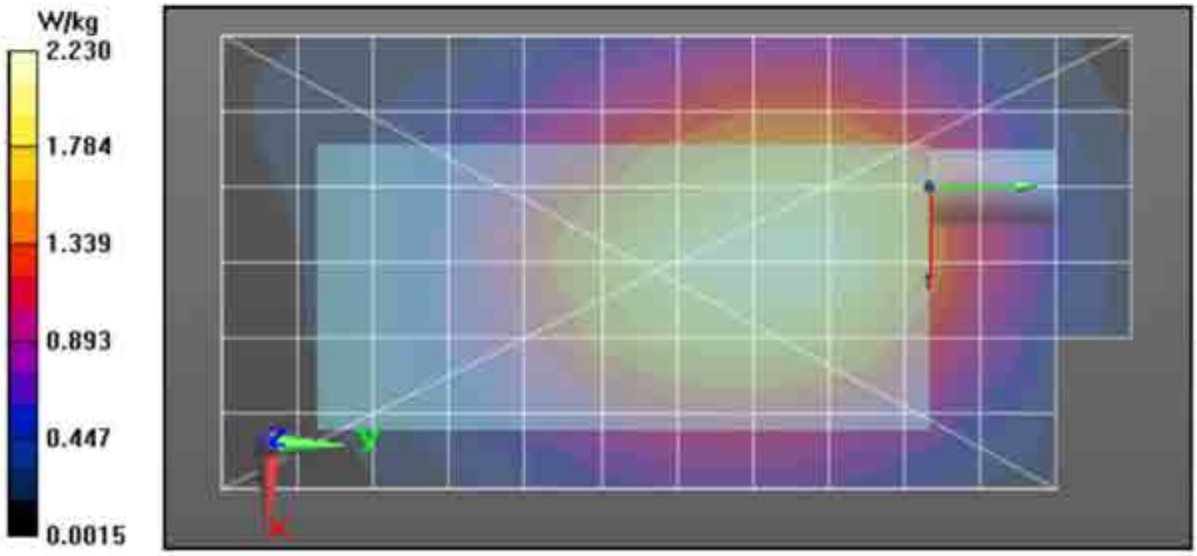
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 460 MHz; σ = 0.91 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 460 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 47.60 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.30 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.60 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 2.76 W/kg
SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.33 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) = 2.23 W/kg



Assessment at the Body for LMR band with Body worn PMLN5956B w/ DUT face in Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/23/2015 8:47:06 PM

Robot#: DASY5-PG-3 | Run#:	TLC-AB-150923-13
Model#:	PMUE4402B
Phantom#:	ELI5 1150
Tissue Temp:	19.4 (C)
Serial#:	682TRT0043
Antenna:	PMAE4091A
Test Freq:	460.000(MHz)
Battery:	PMNN4468A
Carry Acc:	PMLN5956B w/DUT face in
Audio Acc:	PMLN5958B
Start Power:	3.60 (W)

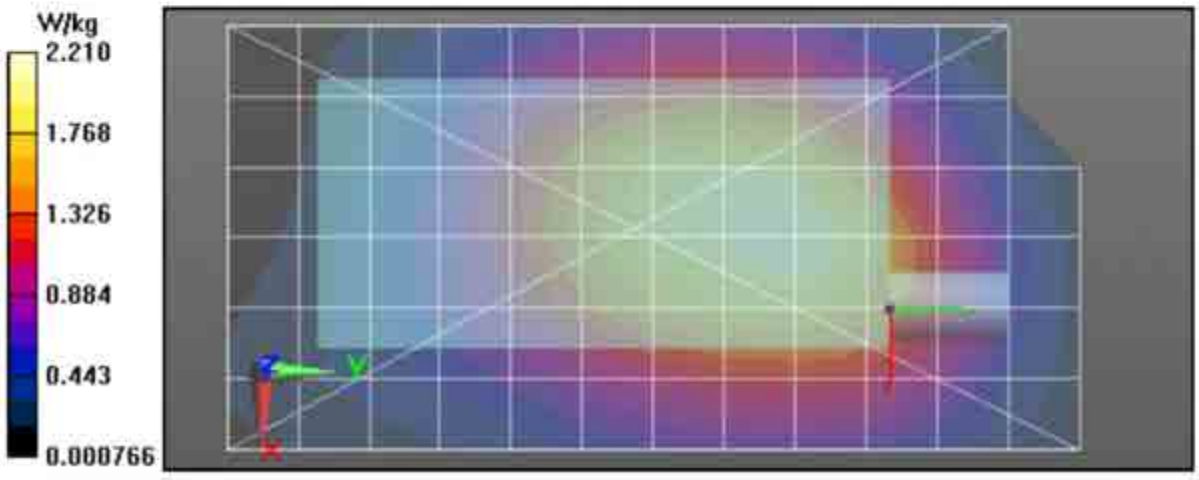
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 460 MHz; σ = 0.91 S/m, ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 460 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.43 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.25 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.43 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 1.84 W/kg; SAR(10 g) = 1.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.26 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) = 2.21 W/kg



Assessment at the Body for LMR band with Body worn PMLN7040A
Table 20

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/23/2015 7:02:30 PM

Robot#: DASY5-PG-3 | Run#:	TLC-AB-150923-11
Model#:	PMUE4402B
Phantom#:	ELI5 1150
Tissue Temp:	19.7 (C)
Serial#:	682TRT0043
Antenna:	PMAE4091A
Test Freq:	460.000(MHz)
Battery:	PMNN4468A
Carry Acc:	PMLN7040A
Audio Acc:	PMLN5958B
Start Power:	3.60 (W)

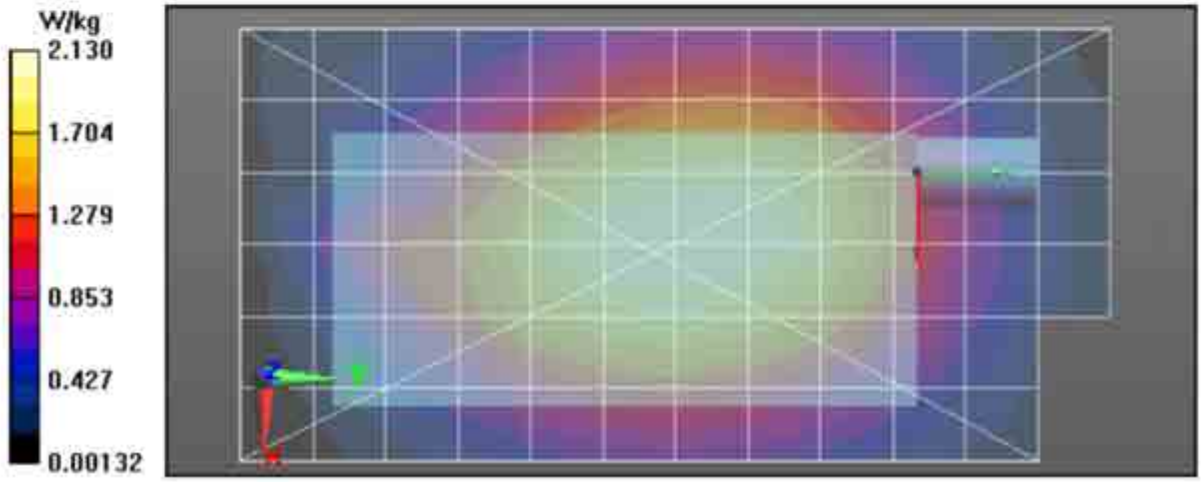
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 460 MHz; σ = 0.91 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 460 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 46.84 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.27 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.84 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.24 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) = 2.13 W/kg



Assessment of wireless BT configuration for LMR band
Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/25/2015 6:26:23 PM

Robot#: DASY5-PG-3 | Run#:	TLC-AB-150925-04
Model#:	PMUE4402B
Phantom#:	ELI5 1150
Tissue Temp:	20.3 (C)
Serial#:	682TRT0045
Antenna:	PMAE4091A
Test Freq:	460.000(MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN5956B w/DUT face Out
Audio Acc:	NONE
Start Power:	3.60 (W)

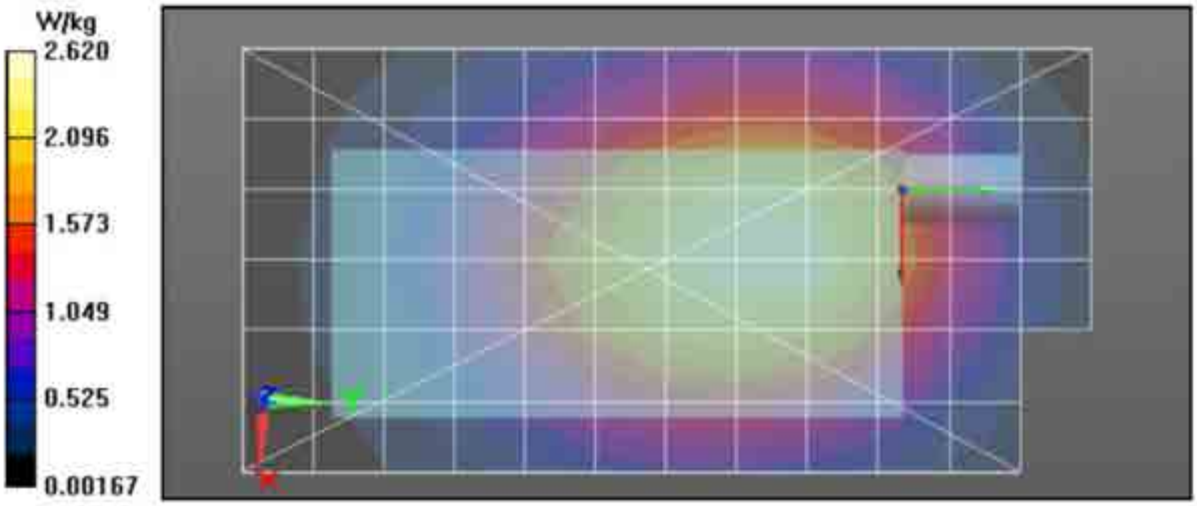
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 460 MHz; σ = 0.91 S/m; ε_r = 55.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 460 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.75 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.73 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.75 V/m; Power Drift = -0.45 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.62 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 23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/16/2015 4:53:07 PM

Robot#: DASY5-PG-2 | Run#:	TLC-AB-151016-04
Model#:	PMUE4402B
Phantom#:	ELI5 1147
Tissue Temp:	19.3 (C)
Serial#:	682TRT0043
Antenna:	PMLE5102A WiFi Ant
Test Freq:	2412.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN7040A
Audio Acc:	None
Start Power:	0.0173 (W)

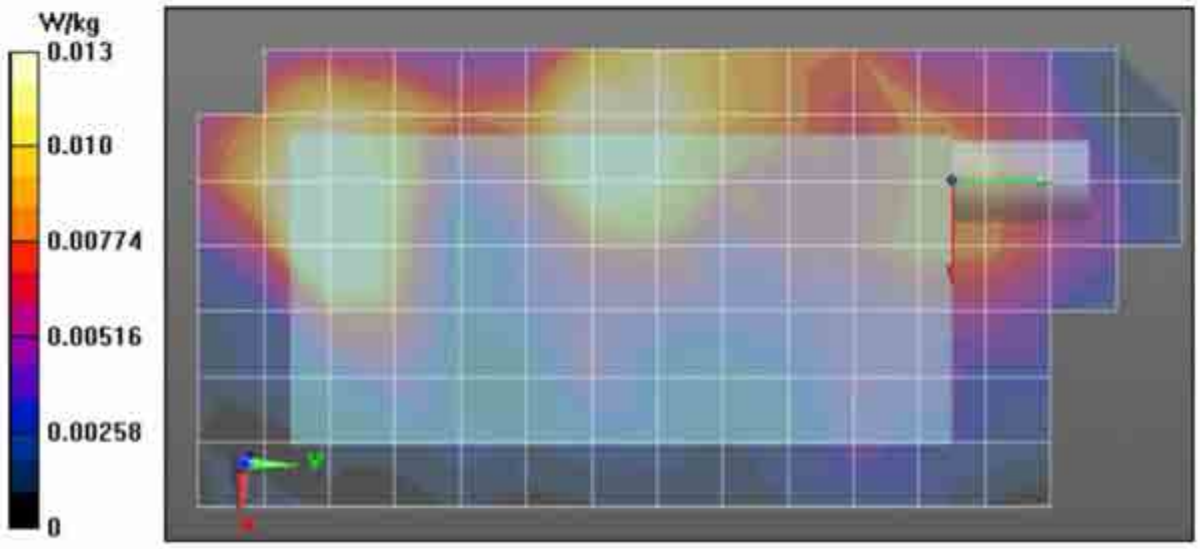
Comments:

Duty Cycle: 1:1.53815, Medium parameters used: f = 2412 MHz; σ = 1.95 S/m; ε_r = 47.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, , Frequency: 2412 MHz, ConvF(7.33, 7.33, 7.33); Calibrated: 6/23/2015
Electronics: DAE4 Sn684, Calibrated: 11/5/2014

2-3 GHz-Rev.2/Body Scan/1-Area Scan (121x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 1.918 V/m; Power Drift = -0.47 dB
Fast SAR: SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00739 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0252 W/kg

2-3 GHz-Rev.2/Body Scan/3-Zoom Scan (18x14x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.407 V/m; Power Drift = -0.75 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00457 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0204 W/kg

2-3 GHz-Rev.2/Body Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0129 W/kg



Assessment at the Face for LMR band
Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/28/2015 8:38:53 AM

Robot#: DASY5-PG-3 | Run#:	TLC-FACE-150928-04
Model#:	PMUE4402B
Phantom#:	ELI4 1028
Tissue Temp:	20.6 (C)
Serial#:	682TRT0048
Antenna:	PMAE4092A
Test Freq:	480.000(MHz)
Battery:	PMNN4468A
Carry Acc:	NONE
Audio Acc:	NONE
Start Power:	3.48(W)

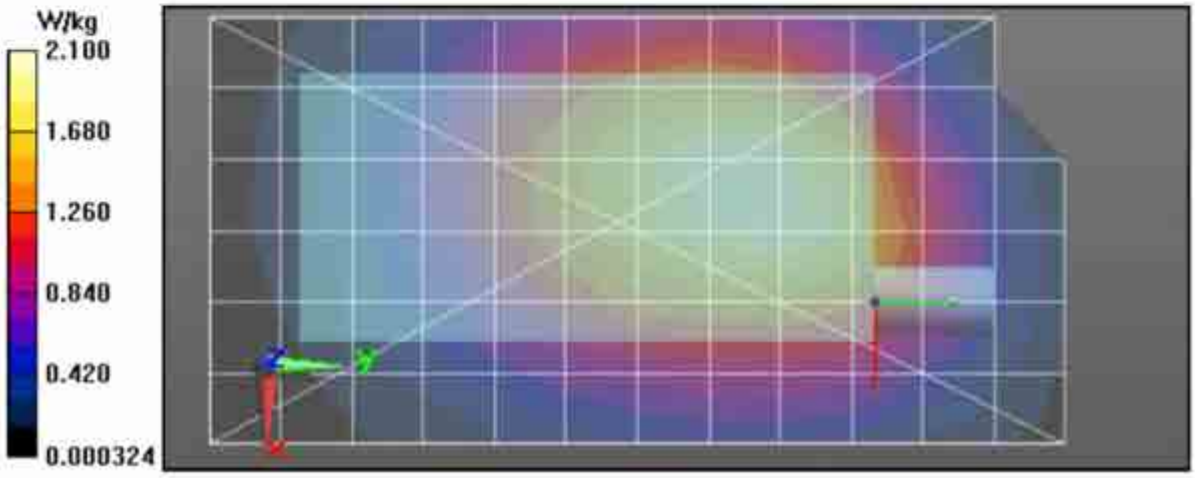
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 480 MHz; σ = 0.88 S/m; ε_r = 43.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 480 MHz, ConvF(8.92, 8.92, 8.92); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.59 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 1.8 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.14 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.59 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 1.79 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.12 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) = 2.10 W/kg



Assessments at the Face for 802.11 b/g/n
Table 27

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/19/2015 5:24:44 PM

Robot#: DASY5-PG-2 | Run#:	TLC-FACE-151019-08
Model#:	PMUE4402B
Phantom#:	ELI4 1103
Tissue Temp:	20.1 (C)
Serial#:	682TRT0045
Antenna:	PMLE5102A WiFi Ant
Test Freq:	2412.000 (MHz)
Battery:	HKNN4013A
Carry Acc:	None
Audio Acc:	None
Start Power:	0.0173 (W)

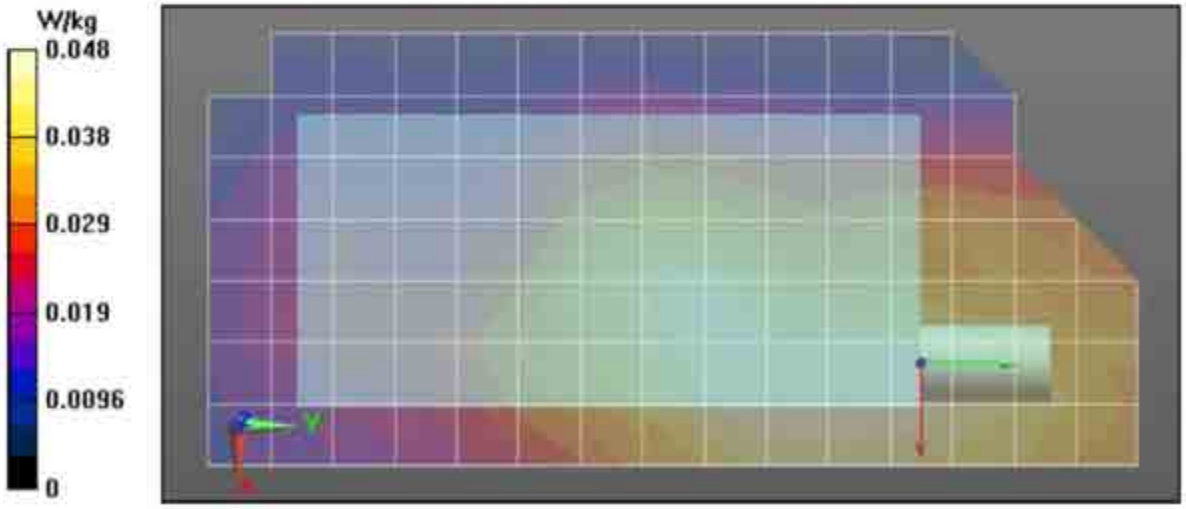
Comments:

Duty Cycle: 1:1.53815, Medium parameters used: f = 2412 MHz; σ = 1.84 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, , Frequency: 2412 MHz, ConvF(7.18, 7.18, 7.18); Calibrated: 6/23/2015
Electronics: DAE4 Sn684, Calibrated: 11/5/2014

2-3 GHz-Rev.2/Face Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 5.291 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.021 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0485 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.291 V/m; Power Drift = 1.11 dB
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.052 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.157 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) = 0.00639 W/kg



Assessment at the Body for Outside Part 90
Table 28

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/25/2015 7:29:41 PM

Robot#: DASY5-PG-3 | Run#:	TLC-AB-150925-06
Model#:	PMUE4402B
Phantom#:	ELI5 1150
Tissue Temp:	20.1 (C)
Serial#:	682TRT0048
Antenna:	PMAE4092A
Test Freq:	527.0000(MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN5956B w/DUT face Out
Audio Acc:	NONE
Start Power:	3.57 (W)

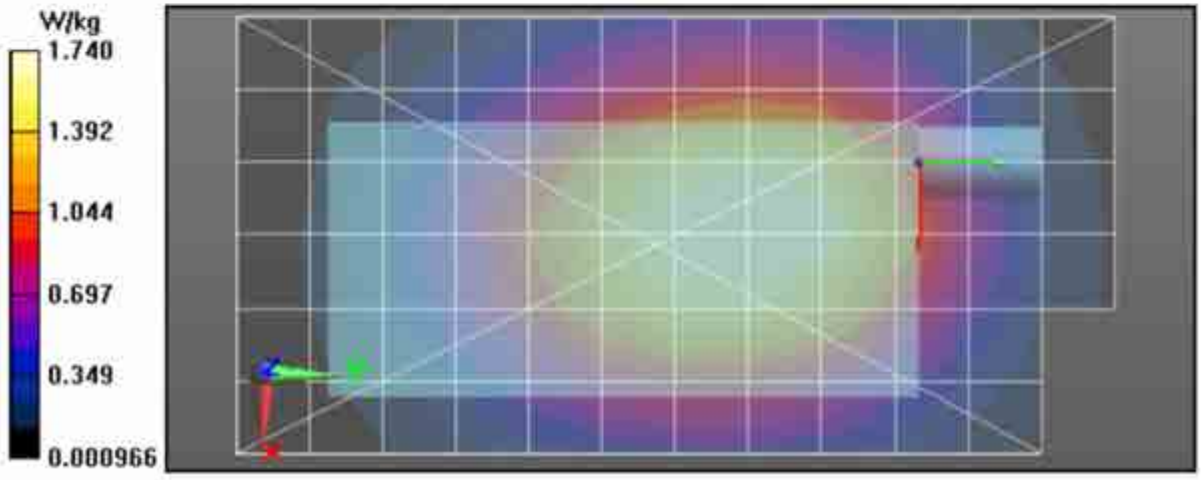
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 527 MHz; σ = 0.96 S/m; ε_r = 54.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 527 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.29 V/m; Power Drift = -0.49 dB
Fast SAR: SAR(1 g) = 1.54 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.84 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.29 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 1.47 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.78 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) = 1.74 W/kg



Assessment at the Face for Outside Part 90
Table 28

Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/28/2015 4:02:44 PM

Robot#: DASY5-PG-3 | Run#:	FIE-FACE-150928-08
Model#:	PMUE4402B
Phantom#:	ELI4 1028
Tissue Temp:	19.8 (C)
Serial#:	682TRT0048
Antenna:	PMAE4092A
Test Freq:	527.0000(MHz)
Battery:	PMNN4468A
Carry Acc:	NONE
Audio Acc:	NONE
Start Power:	3.53 (W)

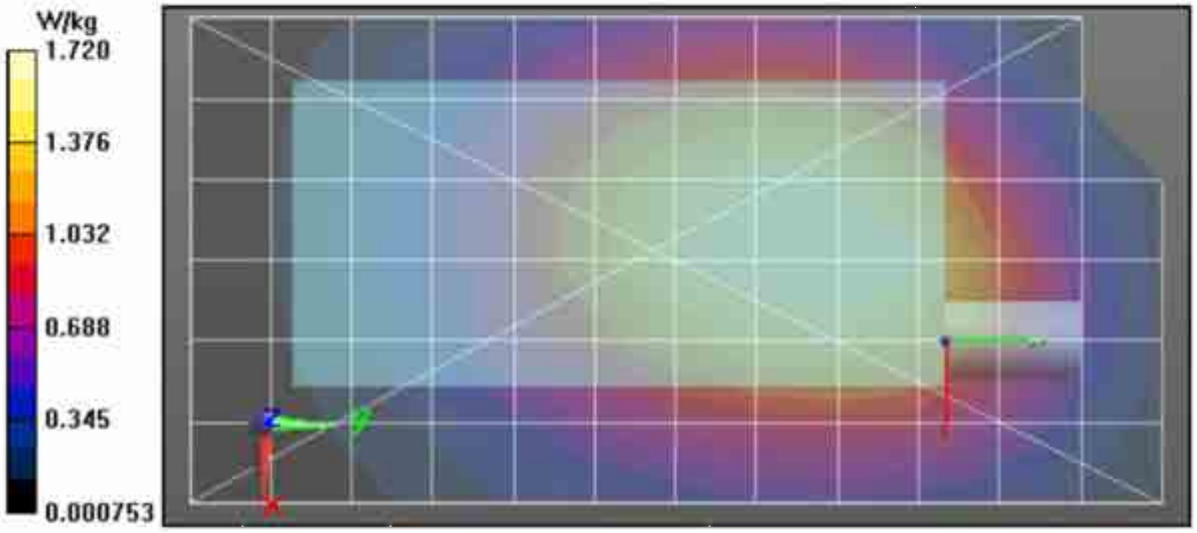
Comments:

Duty Cycle: 1:1.99986, Medium parameters used: f = 527 MHz; σ = 0.92 S/m; ε_r = 42.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 527 MHz, ConvF(8.92, 8.92, 8.92); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.25 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 1.53 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.82 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.25 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.52 W/kg; SAR(10 g) = 1.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.77 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



APPENDIX F
Shortened Scan of Highest SAR configuration

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/25/2015 8:01:28 PM

Robot#: DASY5-PG-3 | Run#:	TLC-AB-150925-07
Model#:	PMUE4402B
Phantom#:	ELI5 1150
Tissue Temp:	20.1 (C)
Serial#:	682TRT0045
Antenna:	PMAE4091A
Test Freq:	460.0000(MHz)
Battery:	HKNN4013A
Carry Acc:	PMLN5956B w/DUT face Out
Audio Acc:	NONE
Start Power:	3.60 (W)

Comments: Shorten Scan

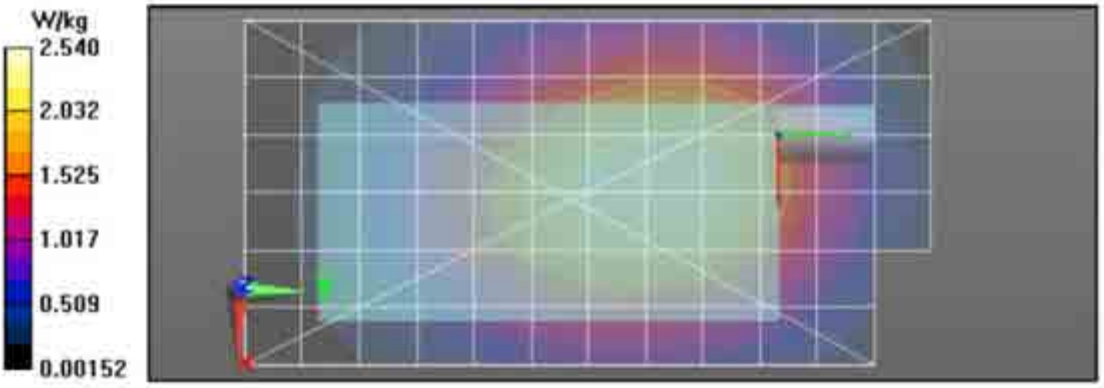
Duty Cycle: 1:1.99986, Medium parameters used: f = 460 MHz, σ = 0.91 S/m; ε_r = 55.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3568, , Frequency: 460 MHz, ConvF(8.93, 8.93, 8.93); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.56 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.67 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 = 51.56 V/m; Power Drift = -0.40 dB
Fast SAR: SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.46 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.78 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.83 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) = 2.54 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)	29	8	1.23	0.90
Full scan (area & zoom)	21	20	1.21	0.89

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