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)
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Date of Report: 10/17/2016
Report Revision: A

Responsible Engineer:	Saw Sun Hock (EME Engineer)
Report Author:	Saw Sun Hock (EME Engineer)
Date/s Tested:	10/12/2016~10/13/2016
Manufacturer:	Motorola Solutions, Inc.
DUT Description:	Wireless Remote Speaker Microphone
Test TX mode(s):	CW (Bluetooth)
Max. Power output:	100mW (Bluetooth)
Nominal Power:	63mW (Bluetooth)
Tx Frequency Bands:	2.402 GHz - 2.480 GHz Bluetooth
Signaling type:	FHSS (Bluetooth)
Model(s) Tested:	PMMN4096A
Model(s) Certified:	PMMN4096A
Serial Number(s):	CAI1681YGL
Classification:	Occupational/Controlled
FCC ID:	AZ489FT6015; Rule Part 15 (2402-2480MHz); This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC:	109U-89FT6015; This report contains results that are immaterial for IC equipment approval, which are clearly identified.

The test results clearly demonstrate compliance with FCC General Population/Uncontrolled RF Exposure limits of 1.6 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 2 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: 10/21/2016

Tiong Nguk Ing
Digitally signed by Tiong Nguk Ing
DN: cn=Tiong Nguk Ing, o=Motorola Solutions, ou=Regulatory Compliance Lab, email=n.j.tiong@motorolasolutions.com, c=MY
Date: 2016.10.21 14:44:24 +08'00'

Certification Date: 10/21/2016

Certification No.: L1161003

Appendix D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/12/2016 4:42:05 PM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-2450B-161012-01
Dipole Model# D2450V2
Phantom#: TP1168-2
Tissue Temp: 20.0 (C)
Serial#: 781
Test Freq: 2450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.044 dB
Adjusted SAR (1W): 50.80 mW/g (1g)

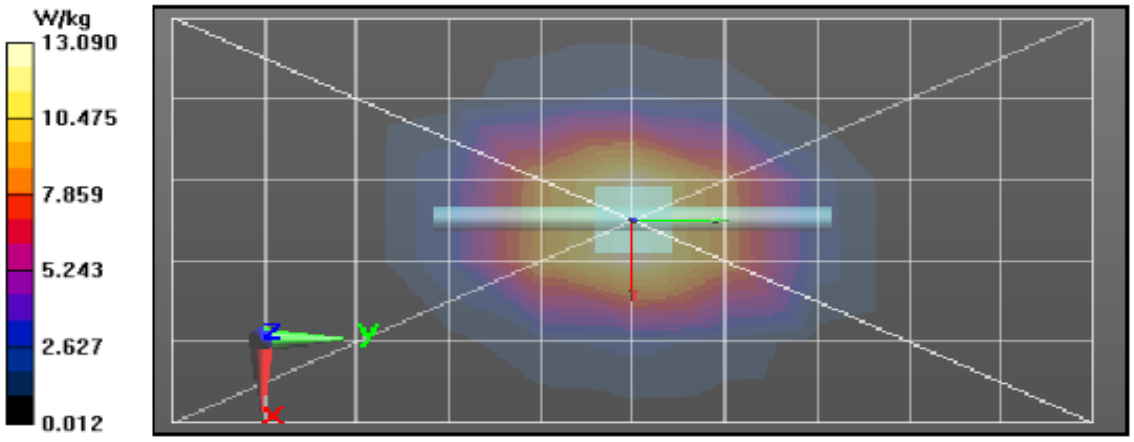
Comments:

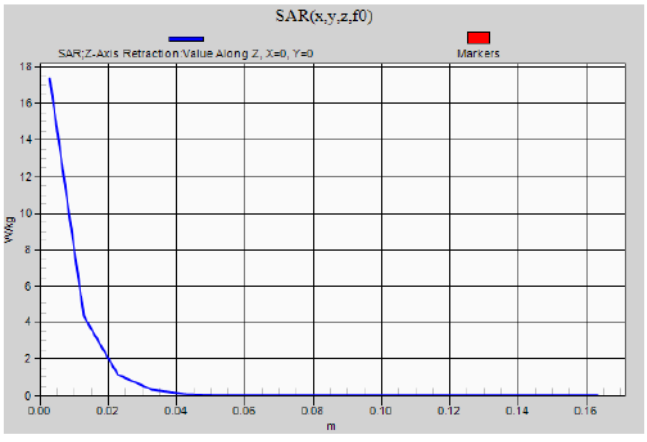
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 2.01 S/m; ε_r = 48; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3196, , Frequency: 2450 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
Electronics: DAE4 Sn688, Calibrated: 4/21/2016

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 = 96.72 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 18.4 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 = 96.72 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 17.3 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: 10/13/2016 9:23:51 AM

Robot#: DASY5-PG-4 | Run#:	TLC-SYSP-2450H-161013-02
Dipole Model#	D2450V2
Phantom#:	TP1168-1
Tissue Temp:	21.6 (C)
Serial#:	781
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.045 dB
Adjusted SAR (1W):	48.0 mW/g (1g)

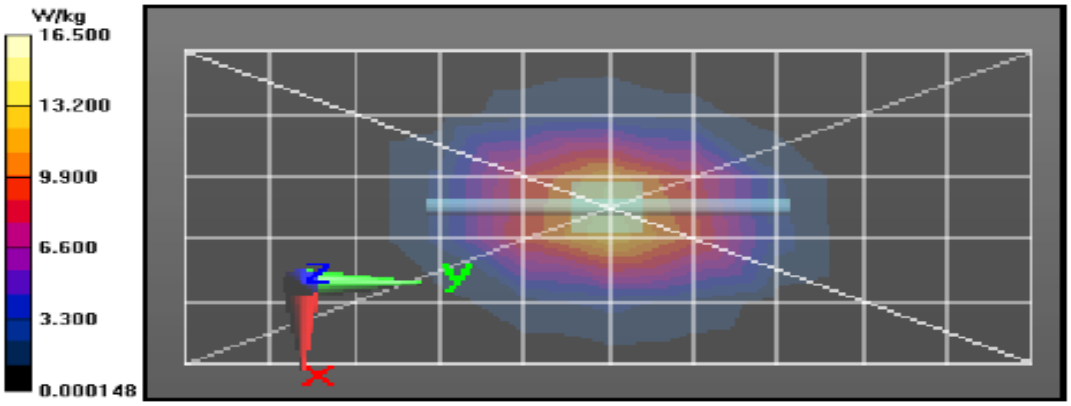
Comments:

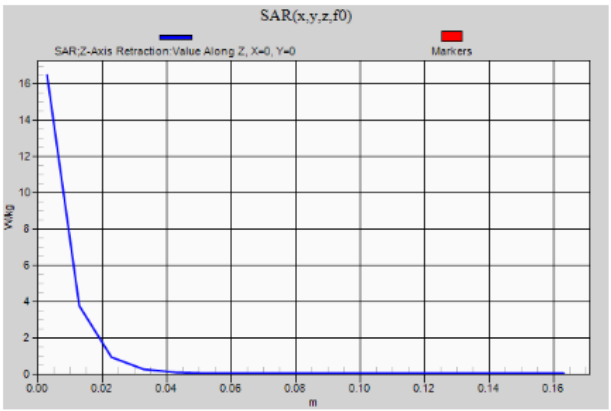
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.87 S/m; ε_r = 35.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3196, , Frequency: 2450 MHz, ConvF(4.54, 4.54, 4.54); Calibrated: 11/17/2015
Electronics: DAE4 Sn688, Calibrated: 4/21/2016

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 = 97.42 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.93 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 17.1 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 = 97.42 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 26.6 W/kg
SAR(1 g) = 12 W/kg; SAR(10 g) = 5.57 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 16.6 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) = 16.5 W/kg





Appendix E
DUT Scans

Assessments at the Body with Body worn PMLN6743
Table 17

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/12/2016 7:02:28 PM

Robot#: DASY5-xx-x | Run#:	ZR-AB-161012-03
Model#:	PMMN4096A
Phantom#:	TP 1168/2
Tissue Temp:	20.0 (C)
Serial#:	CAI1681YGL
Antenna:	BT internal antenna
Test Freq:	2441.0000 (MHz)
Battery:	PMNN4461A
Carry Acc:	PMLN6743
Audio Acc:	None
Start Power:	0.0956 (W)

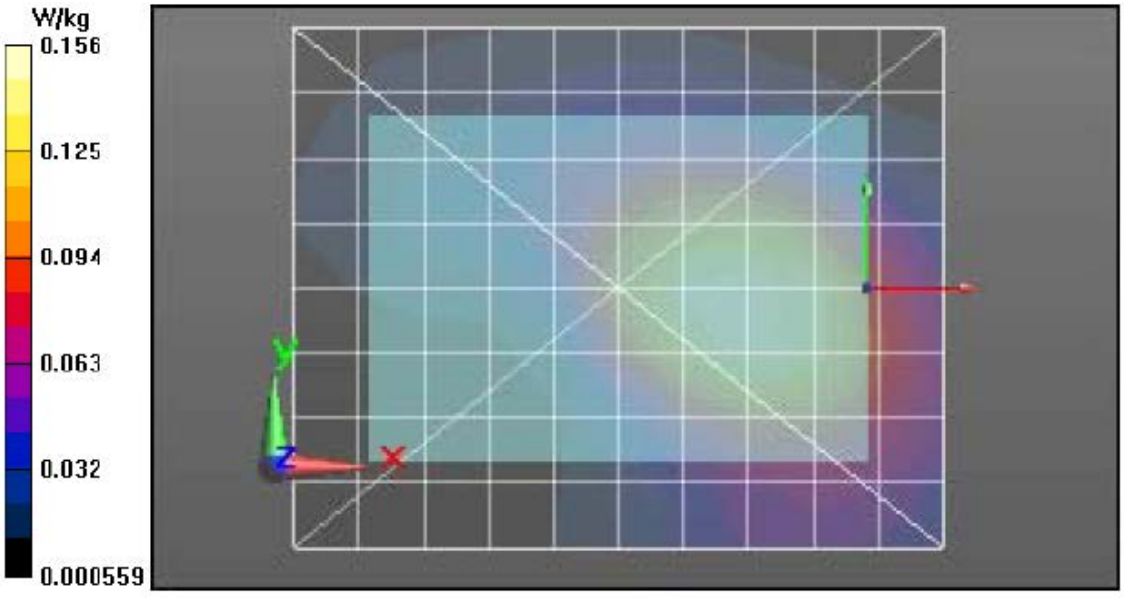
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 1.99 S/m; ε_r = 48.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3196, , Frequency: 2441 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
Electronics: DAE4 Sn688, Calibrated: 4/21/2016

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 9.220 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.163 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.220 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.078 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.163 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) = 0.167 W/kg



Assessments at the Body with Body worn 42009312001
Table 18

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/12/2016 8:29:34 PM

Robot#: DASY5-xx-x | Run#:	ZR-AB-161012-04
Model#:	PMMN4096A
Phantom#:	TP 1168/2
Tissue Temp:	19.8 (C)
Serial#:	CAI1681YGL
Antenna:	BT internal antenna
Test Freq:	2441.0000 (MHz)
Battery:	PMNN4461A
Carry Acc:	42009312001
Audio Acc:	None
Start Power:	0.0956 (W)

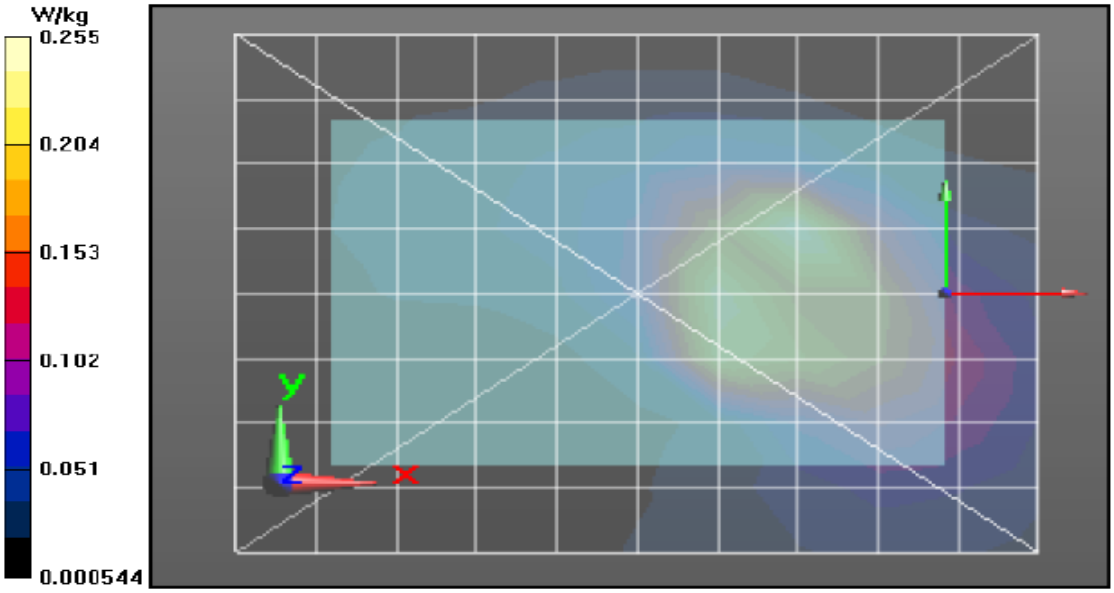
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 1.99 S/m; ε_r = 48.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3196, , Frequency: 2441 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
Electronics: DAE4 Sn688, Calibrated: 4/21/2016

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 9.531 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.110 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.284 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 = 9.531 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.110 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.264 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) = 0.263 W/kg



Assessments at Face
Table 20
Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/13/2016 10:12:05 AM

Robot#: DASY5-xx-x | Run#:	TLC-FACE-161013-03
Model#:	PMMN4096A
Phantom#:	TP 1168/1
Tissue Temp:	20.8 (C)
Serial#:	CAI1681YGL
Antenna:	BT internal antenna
Test Freq:	2441.0000 (MHz)
Battery:	PMNN4461A
Carry Acc:	None
Audio Acc:	None
Start Power:	0.0956 (W)

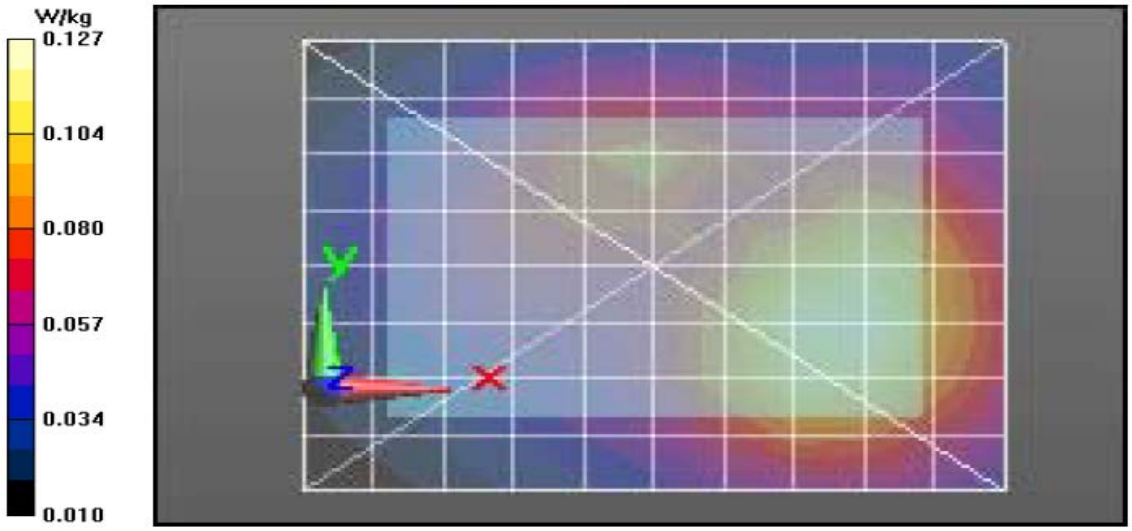
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 1.86 S/m; ε_r = 35.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3196, , Frequency: 2441 MHz, ConvF(4.54, 4.54, 4.54); Calibrated: 11/17/2015
Electronics: DAE4 Sn688, Calibrated: 4/21/2016

2-3 GHz-Rev.2/FACE Scan/1-Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 7.859 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.062 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.131 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 = 7.859 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.129 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) = 0.131 W/kg



APPENDIX F
DUT Test Position Photos

For photos please refer to previous filling Exhibit 7B report

APPENDIX G
Accessory Photos

For photos please refer to previous filling Exhibit 7B report