

**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: 08/12/2016
Report Revision: A

Responsible Engineer: Chang Chi Chern (EME Engineer)
Report Author: Chang Chi Chern (EME Engineer)
Date/s Tested: 8/3/2016 – 8/12/2016
Manufacturer: Vertex Standard LMR, Inc.
DUT Description: Handheld Portable – EVX-261-D0-5 136-174 MHz 5W
Test TX mode(s): CW (PTT)
Max. Power output: 5.5W
Nominal Power: 5.0W
Tx Frequency Bands: LMR 136-174 MHz
Signaling type: FM and TDMA
Model(s) Tested: EVX-261-D0-5
Model(s) Certified: EVX-261-D0-5
Serial Number(s): 2A61030011 and 2A61030009
Classification: Occupational/Controlled
FCC ID: AXI11373020 ; LMR 150.8-173.4 MHz

IC: 10239A-11373020; 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.

Tiong Nguk Ing
Deputy Technical Manager
Approval Date: 8/17/2016

Certification Date: 8/17/2016**Certification No.:** L1160802

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2016 7:36:54 AM

Robot#: DASY5-PG-1 | Run#: FIE-SYSP-150B-160803-01
 Dipole Model#: CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 20.9 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.100 dB
 Adjusted SAR (1W): 4.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.82$ S/m; $\epsilon_r = 59.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, Frequency: 150 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 85.79 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 4.92 W/kg; SAR(10 g) = 3.49 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.12 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 85.79 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 7.76 W/kg

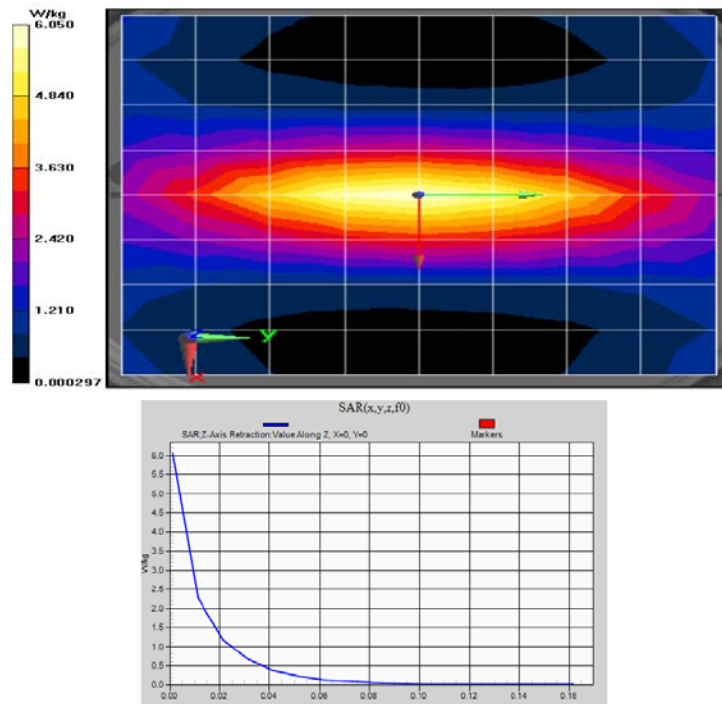
SAR(1 g) = 4 W/kg; SAR(10 g) = 2.54 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.09 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) = 6.05 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/4/2016 7:38:13 AM

Robot#: DASY5-PG-1 | Run#: FIE-SYSP-150B-160804-01
 Dipole Model#: CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 31.9 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.078 dB
 Adjusted SAR (1W): 4.08 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.8$ S/m; $\epsilon_r = 59.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, Frequency: 150 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 86.65 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 4.98 W/kg; SAR(10 g) = 3.51 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.11 W/kg

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

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 86.65 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 7.76 W/kg

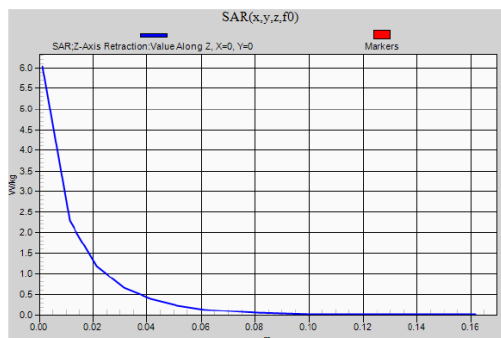
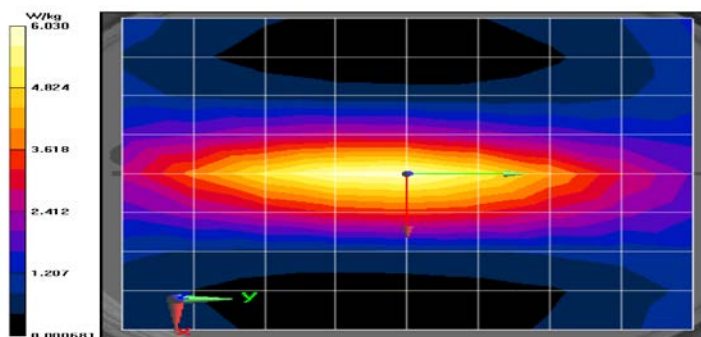
SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.12 W/kg

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

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

Maximum value of SAR (measured) = 6.03 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2016 7:25:27 AM

Robot#: DASY5-PG-1 | Run#: FIE-SYSP-150B-160805-01
 Dipole Model#: CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 20.3 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.110 dB
 Adjusted SAR (1W): 4.21 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.77$ S/m; $\epsilon_r = 58.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 150 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 88.96 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 5.21 W/kg; SAR(10 g) = 3.67 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.19 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 = 88.96 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 7.76 W/kg

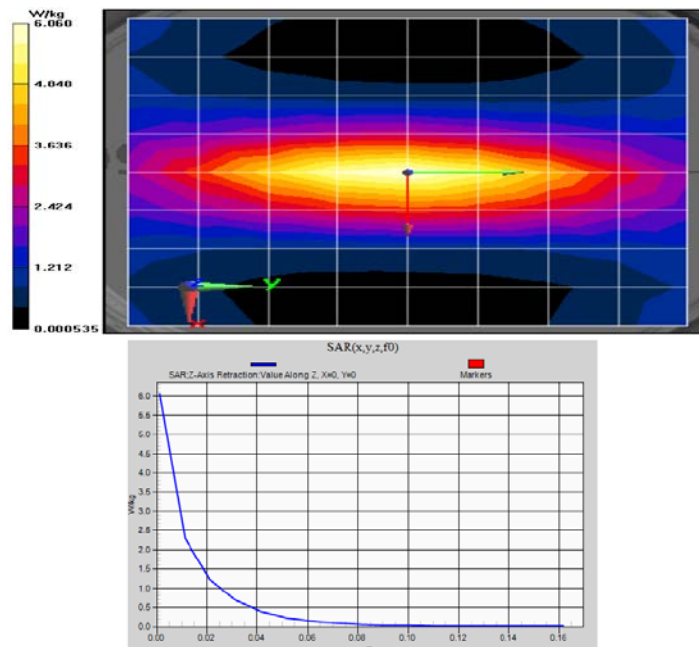
SAR(1 g) = 4.21 W/kg; SAR(10 g) = 2.68 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.11 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) = 6.06 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/8/2016 6:49:37 AM

Robot#: DASY5-PG-1 | Run#: FIE-SYSP-150B-160808-01
Dipole Model#: CLA-150
Phantom#: ELI4 1103
Tissue Temp: 21.7 (C)
Serial#: 4016
Test Freq: 150.00 (MHz)
Start Power: 1000 (mW)
Rotation (1D): 0.079 dB
Adjusted SAR (1W): 4.10 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.8$ S/m; $\epsilon_r = 59.4$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3612, , Frequency: 150 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 87.39 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 5.03 W/kg; SAR(10 g) = 3.56 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.12 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 87.39 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.84 W/kg

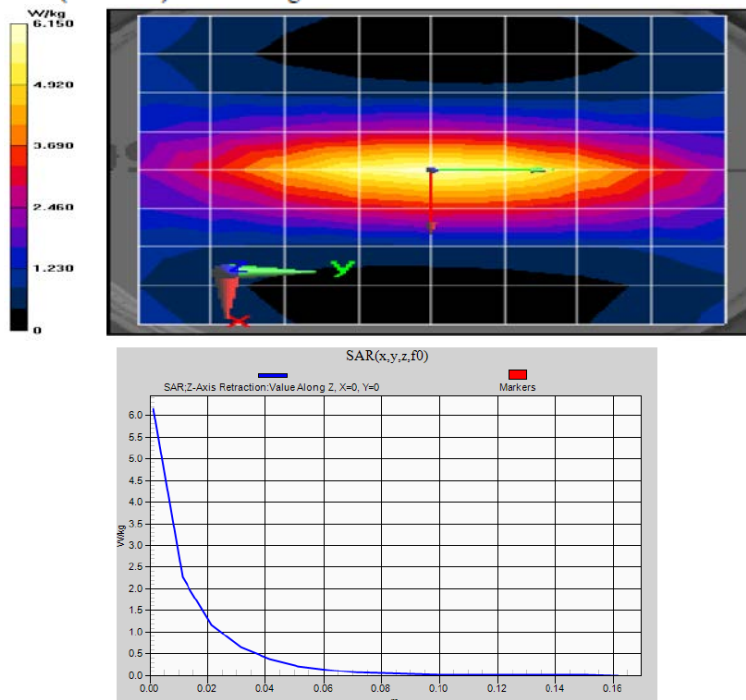
SAR(1 g) = 4.1 W/kg; SAR(10 g) = 2.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.14 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) = 6.15 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2016 8:16:47 AM

Robot#: DASY5-PG-1 | Run#: FIE-SYSP-150B-160812-01
 Dipole Model#: CLA-150
 Phantom#: ELI4 1050
 Tissue Temp: 21.9 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.110 dB
 Adjusted SAR (1W): 4.06 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.81$ S/m; $\epsilon_r = 59.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 150 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 86.72 V/m; Power Drift = -0.10 dB

Fast SAR: SAR(1 g) = 4.93 W/kg; SAR(10 g) = 3.49 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.12 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 86.72 V/m; Power Drift = -0.10 dB

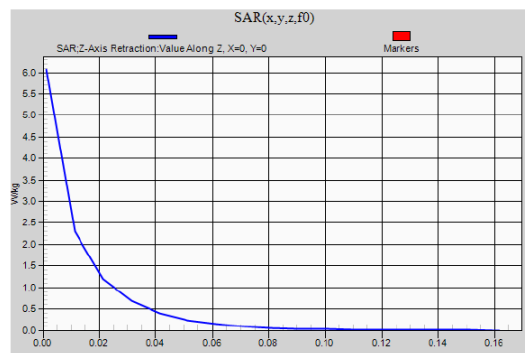
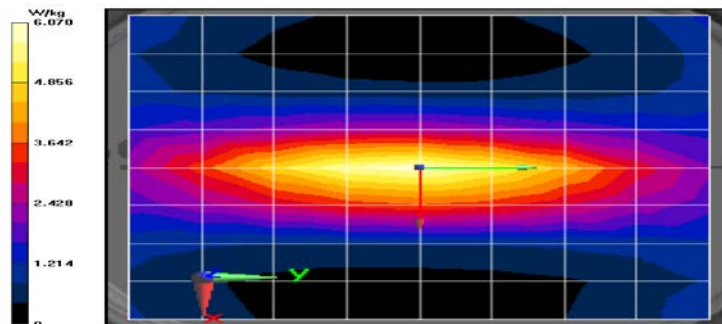
Peak SAR (extrapolated) = 7.74 W/kg

SAR(1 g) = 4.06 W/kg; SAR(10 g) = 2.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.09 W/kg

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

Maximum value of SAR (measured) = 6.07 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2016 10:41:41 AM

Robot#: DASY5-PG-1 | Run#: FIE(ARF)-SYSP-150H-160805-05
 Dipole Model#: CLA-150
 Phantom#: ELI4 1050
 Tissue Temp: 21.3 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.099 dB
 Adjusted SAR (1W): 3.81 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.78$ S/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, Frequency: 150 MHz, ConvF(9.9, 9.9, 9.9); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 85.72 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 4.67 W/kg; SAR(10 g) = 3.3 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.83 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 85.72 V/m; Power Drift = -0.00 dB

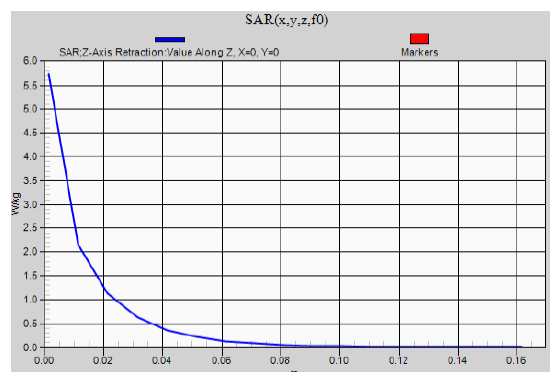
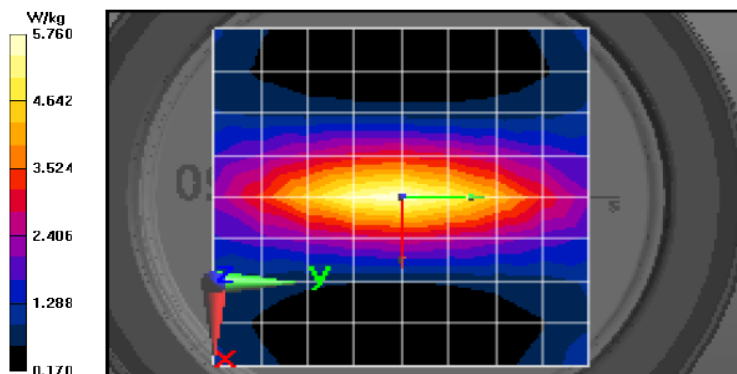
Peak SAR (extrapolated) = 7.26 W/kg

SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.42 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

Maximum value of SAR (measured) = 5.74 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2016 11:54:51 AM

Robot#: DASY5-PG-1 | Run#: FIE-SYSP-150H-160812-04
 Dipole Model#: CLA-150
 Phantom#: ELI4 1050
 Tissue Temp: 21.9 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.091 dB
 Adjusted SAR (1W): 3.85 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.78$ S/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 150 MHz, ConvF(9.9, 9.9, 9.9); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

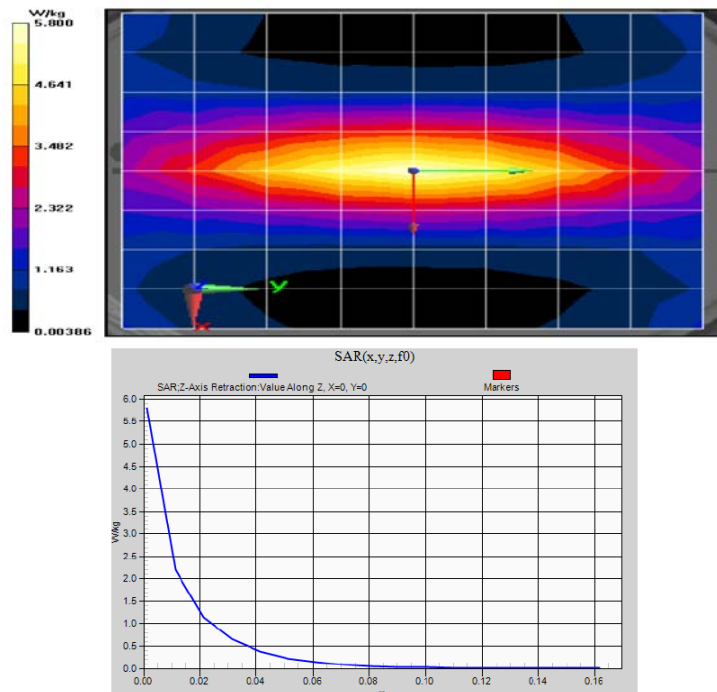
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 86.66 V/m; Power Drift = -0.19 dB
 Fast SAR: SAR(1 g) = 4.7 W/kg; SAR(10 g) = 3.32 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.86 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x6x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
 Reference Value = 86.66 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 7.41 W/kg
 SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.83 W/kg

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

Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm
 Maximum value of SAR (measured) = 5.80 W/kg



Appendix E

DUT Scans

Table 18
Assessments at the Body with Body worn Clip-20

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/3/2016 3:34:44 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-160803-07
Model#: EVX-261-D0-5
Phantom#: ELI4 1103
Tissue Temp: 20.3 (C)
Serial#: 2A61030011
Antenna: ATV-8B
Test Freq: 163.000 (MHz)
Battery: FNB-V133LI-UNI
Carry Acc: CLIP-20
Audio Acc: MH-360S
Start Power: 5.50 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 163$ MHz; $\sigma = 0.82$ S/m; $\epsilon_r = 59$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3612, Frequency: 163 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 76.28 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 4.76 W/kg; SAR(10 g) = 3.53 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.64 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 76.28 V/m; Power Drift = -0.43 dB

Peak SAR (extrapolated) = 7.61 W/kg

SAR(1 g) = 4.49 W/kg; SAR(10 g) = 3.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.93 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) = 5.83 W/kg

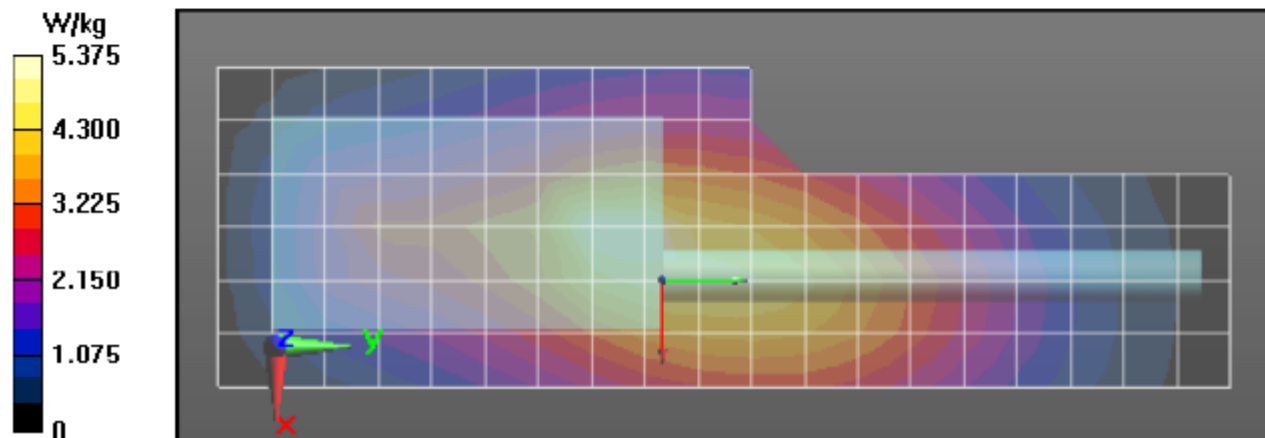


Table 19
Assessments at the Body with Body worn LCC-261

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 8/3/2016 7:44:20 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-160803-13
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1103
 Tissue Temp: 20.1 (C)
 Serial#: 2A61030011
 Antenna: ATV-6XL
 Test Freq: 173.400 (MHz)
 Battery: FNB-V133LI-UNI
 Carry Acc: LCC-261
 Audio Acc: MH-360S
 Start Power: 5.50 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 173 \text{ MHz}$; $\sigma = 0.83 \text{ S/m}$; $\epsilon_r = 58.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 173.4 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 70.91 V/m; Power Drift = -0.51 dB

Fast SAR: SAR(1 g) = 3.39 W/kg; SAR(10 g) = 2.56 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.93 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 70.91 V/m; Power Drift = -0.69 dB

Peak SAR (extrapolated) = 4.45 W/kg

SAR(1 g) = 3.04 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.71 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 3.57 W/kg

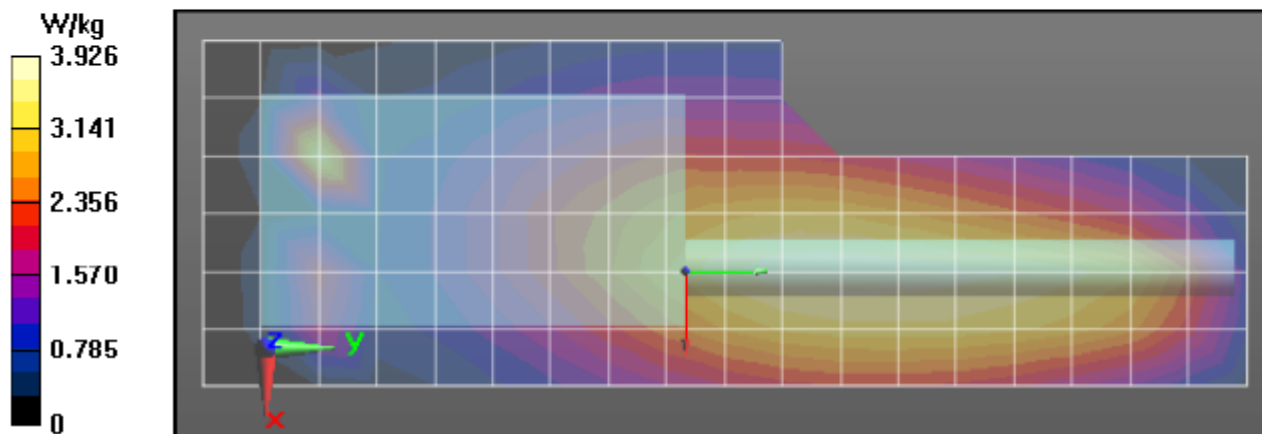


Table 20
Assessments at the Body with Body worn LCC-261H
Motorola Solutions, Inc. EME Laboratory
 Date/Time: 8/4/2016 9:56:33 AM

Robot#: DASY5-PG-1 | Run#: FIE-AB-160804-04
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1103
 Tissue Temp: 21.3 (C)
 Serial#: 2A61030011
 Antenna: ATV-6XL
 Test Freq: 173.400 (MHz)
 Battery: FNB-V134LI-UNI
 Carry Acc: LCC-261H
 Audio Acc: MH-360S
 Start Power: 5.49 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 173 \text{ MHz}$; $\sigma = 0.81 \text{ S/m}$; $\epsilon_r = 58.7$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 173.4 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 66.46 V/m; Power Drift = -0.83 dB

Fast SAR: SAR(1 g) = 2.81 W/kg; SAR(10 g) = 2.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.25 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 66.46 V/m; Power Drift = -0.92 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.07 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 3.03 W/kg

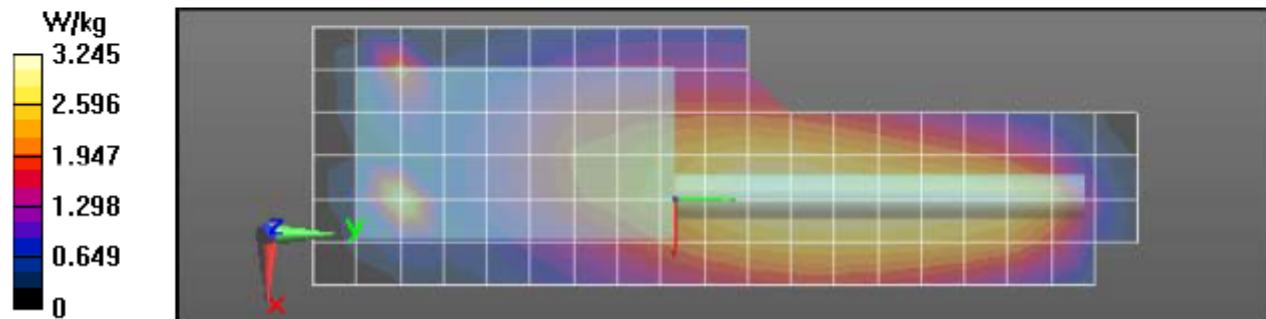


Table 21
Assessments at the Body with Body worn LCC-261S
Motorola Solutions, Inc. EME Laboratory
 Date/Time: 8/4/2016 4:44:35 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-160804-06
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1103
 Tissue Temp: 20.9 (C)
 Serial#: 2A61030009
 Antenna: ATV-8A
 Test Freq: 150.800 (MHz)
 Battery: FNB-V133LI-UNI
 Carry Acc: LCC-261S
 Audio Acc: MH-360S
 Start Power: 5.50 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 151 \text{ MHz}$; $\sigma = 0.8 \text{ S/m}$; $\epsilon_r = 59.2$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 150.8 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 35.40 V/m; Power Drift = -0.45 dB

Fast SAR: SAR(1 g) = 1.66 W/kg; SAR(10 g) = 0.816 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.74 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.40 V/m; Power Drift = -0.60 dB

Peak SAR (extrapolated) = 6.48 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.577 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.29 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 4.32 W/kg

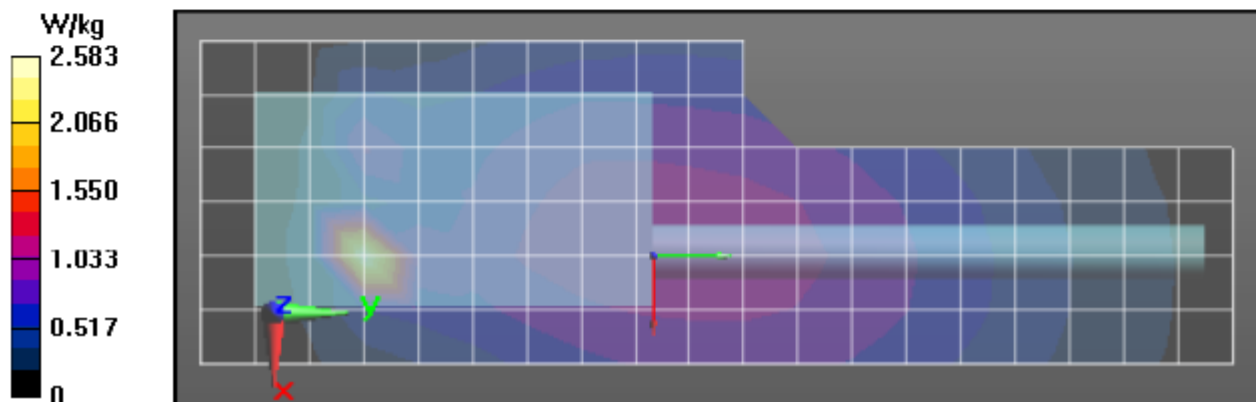


Table 22
Assessments at the Body with Body worn LCC-261SH

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/4/2016 7:59:15 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-160804-11
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1103
 Tissue Temp: 20.3 (C)
 Serial#: 2A61030009
 Antenna: ATV-8B
 Test Freq: 163.000 (MHz)
 Battery: FNB-V134LI-UNI
 Carry Acc: LCC-261SH
 Audio Acc: MH-360S
 Start Power: 5.48 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 163 \text{ MHz}$; $\sigma = 0.8 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 163 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 38.65 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.849 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.26 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.65 V/m; Power Drift = -0.43 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.811 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.20 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 1.18 W/kg

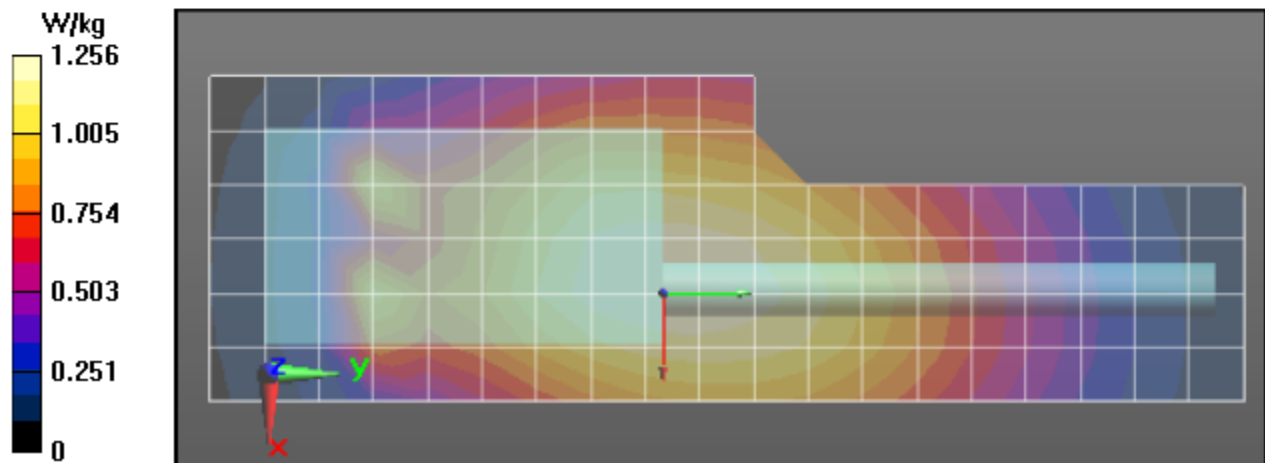


Table 24
Assessments at the Face

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/5/2016 5:53:18 PM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-160805-12
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1050
 Tissue Temp: 20.1 (C)
 Serial#: 2A61030009
 Antenna: ATV-8C
 Test Freq: 173.400 (MHz)
 Battery: FNB-V133LI-UNI
 Carry Acc: @ front
 Audio Acc: None
 Start Power: 5.48 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 173$ MHz; $\sigma = 0.8$ S/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 173.4 MHz, ConvF(9.9, 9.9, 9.9); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (61x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 63.21 V/m; Power Drift = -0.23 dB

Fast SAR: SAR(1 g) = 2.69 W/kg; SAR(10 g) = 2.06 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.11 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 = 63.21 V/m; Power Drift = -0.40 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.00 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) = 2.94 W/kg

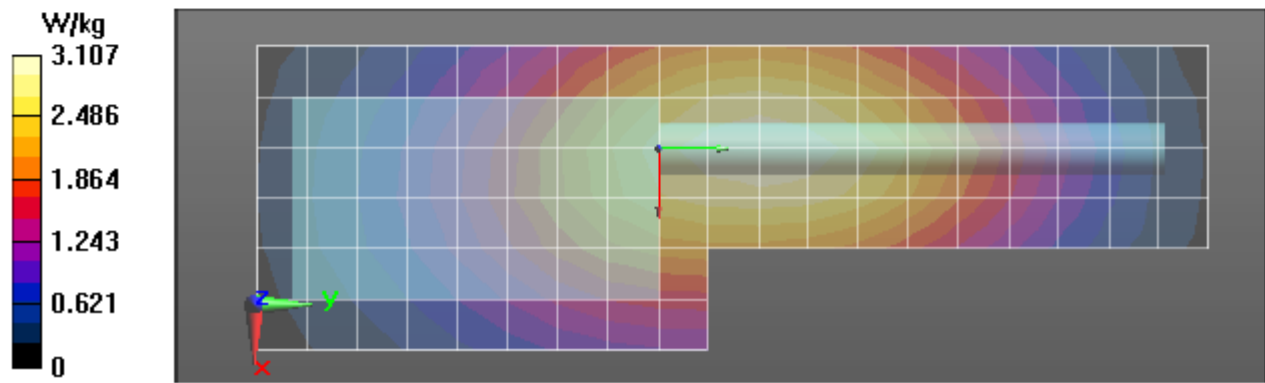


Table 25
Assessments at Industry Canada
Assessments at the Body

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/8/2016 10:48:04 AM

Robot#: DASY5-PG-1 | Run#: FIE-AB-160808-05
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1103
 Tissue Temp: 21.1 (C)
 Serial#: 2A610300b9
 Antenna: ATV-8A
 Test Freq: 147.300 (MHz)
 Battery: FNB-V133LI-UNI
 Carry Acc: CLIP-20
 Audio Acc: MH-360S
 Start Power: 5.48 (W)

Comment:

Duty Cycle: 1:1, Medium parameters used: $f = 147$ MHz; $\sigma = 0.79$ S/m; $\epsilon_r = 59.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, Frequency: 147.3 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 56.82 V/m; Power Drift = -0.24 dB

Fast SAR: SAR(1 g) = 3.82 W/kg; SAR(10 g) = 2.62 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.67 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 = 56.82 V/m; Power Drift = -0.36 dB

Peak SAR (extrapolated) = 6.52 W/kg

SAR(1 g) = 3.42 W/kg; SAR(10 g) = 2.2 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.59 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) = 4.79 W/kg

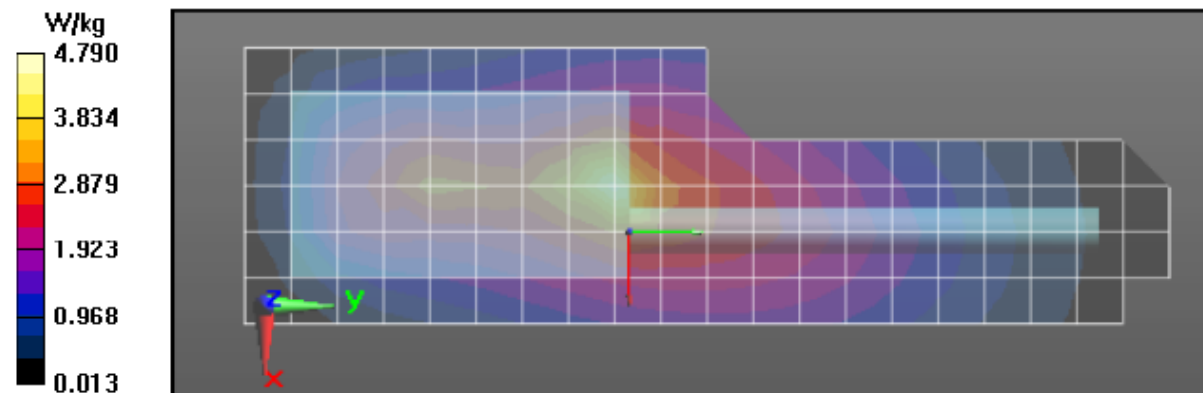


Table 25
Assessments at Industry Canada
Assessments at the Face

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/12/2016 2:21:47 PM

Robot#: DASY5-PG-1 | Run#: FIE-FACE-160812-08
Model#: EVX-261-D0-5
Phantom#: ELI4 1050
Tissue Temp: 20.5 (C)
Serial#: 2A61030009
Antenna: ATV-8A
Test Freq: 147.300 (MHz)
Battery: FNB-V133LI-UNI
Carry Acc: @ front
Audio Acc: None
Start Power: 5.40 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 147 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 51$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN3612, , Frequency: 147.3 MHz, ConvF(9.9, 9.9, 9.9); Calibrated: 7/11/2016
Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (61x201x1): Interpolated grid: $dx=1.500 \text{ mm}$,
 $dy=1.500 \text{ mm}$

Reference Value = 51.26 V/m; Power Drift = -0.34 dB

Fast SAR: SAR(1 g) = 1.84 W/kg; SAR(10 g) = 1.42 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.11 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$,
 $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 51.26 V/m; Power Drift = -0.44 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 1.72 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.03 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$,
 $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 2.01 W/kg

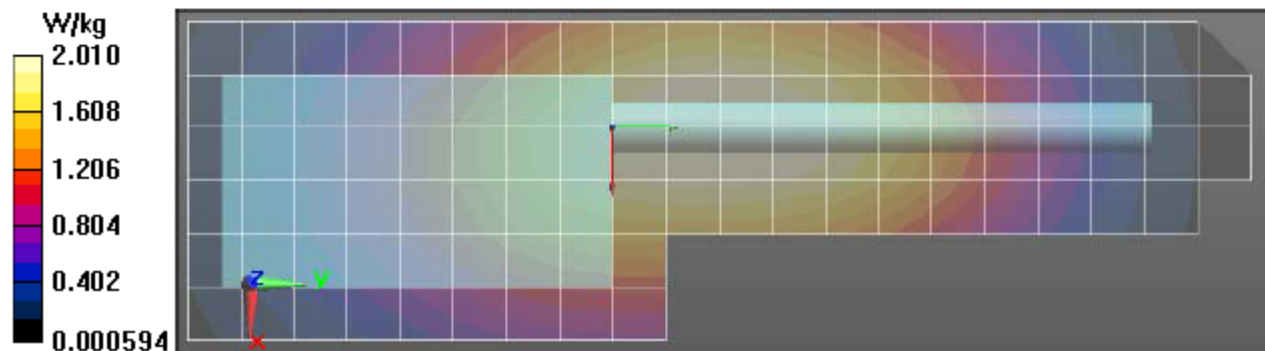


Table 26
Assessments at Outside Part 90
Assessments at the Body

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/8/2016 8:06:56 AM

Robot#: DASY5-PG-1 | Run#: FIE-AB-160808-02
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1103
 Tissue Temp: 21.5 (C)
 Serial#: 2A61030009
 Antenna: ATV-8A
 Test Freq: 136.000 (MHz)
 Battery: FNB-V133LI-UNI
 Carry Acc: CLIP-20
 Audio Acc: MH-360S
 Start Power: 5.37 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 136 \text{ MHz}$; $\sigma = 0.79 \text{ S/m}$; $\epsilon_r = 59.6$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 136 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x201x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 38.16 V/m; Power Drift = -0.36 dB

Fast SAR: SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.751 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.12 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.16 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.656 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.07 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 1.05 W/kg

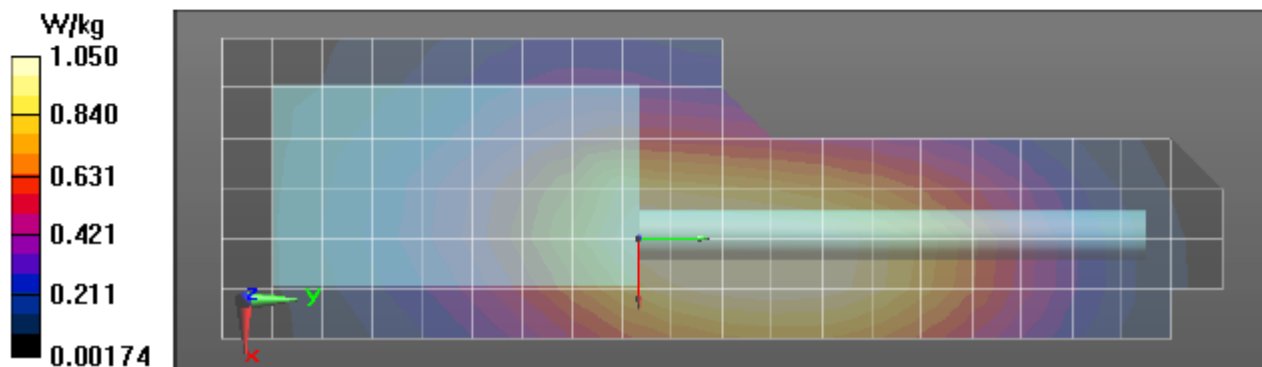


Table 26
Assessments at Outside Part 90
Assessments at the Face

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 8/12/2016 3:14:46 PM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-160812-09
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1050
 Tissue Temp: 20.5 (C)
 Serial#: 2A61030009
 Antenna: ATV-6XL
 Test Freq: 136.000 (MHz)
 Battery: FNB-V133LI-UNI
 Carry Acc: @ front
 Audio Acc: None
 Start Power: 5.30 (W)

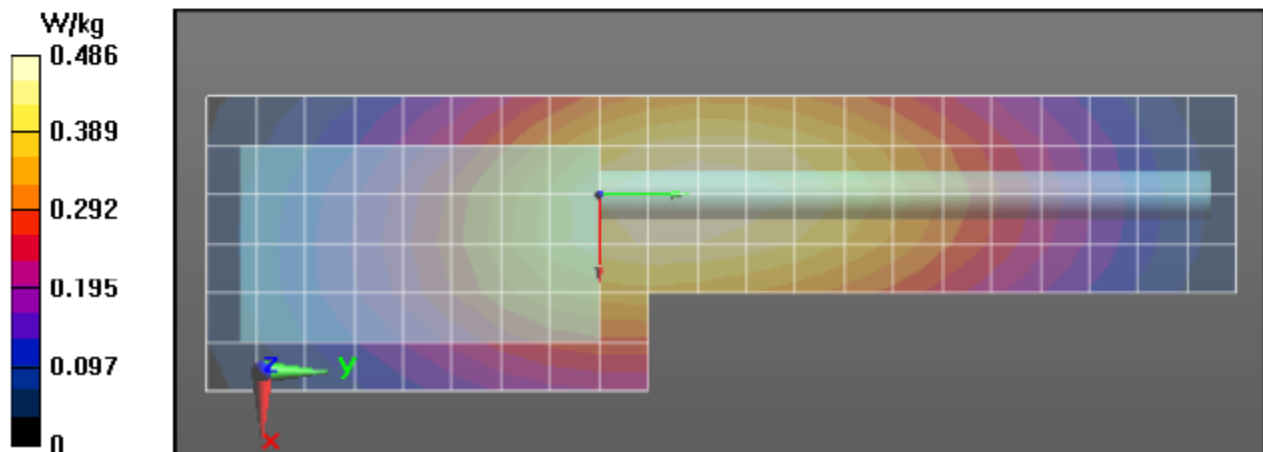
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 136$ MHz; $\sigma = 0.77$ S/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 136 MHz, ConvF(9.9, 9.9, 9.9); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 25.67 V/m; Power Drift = -0.45 dB
 Fast SAR: SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.331 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.487 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 = 25.67 V/m; Power Drift = -0.51 dB
 Peak SAR (extrapolated) = 0.550 W/kg
 SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.314 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.473 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) = 0.470 W/kg



APPENDIX F

Shortened Scan of Highest SAR configuration

Table 27
Shortened Scan
Motorola Solutions, Inc. EME Laboratory
 Date/Time: 8/5/2016 10:17:13 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-160805-17
 Model#: EVX-261-D0-5
 Phantom#: ELI4 1103
 Tissue Temp: 20.2 (C)
 Serial#: 2A61030009
 Antenna: ATV-8B
 Test Freq: 163.000 (MHz)
 Battery: FNB-V133LI-UNI
 Carry Acc: CLIP-20
 Audio Acc: MH-360S
 Start Power: 5.42 (W)

Comments: Shorten Scan

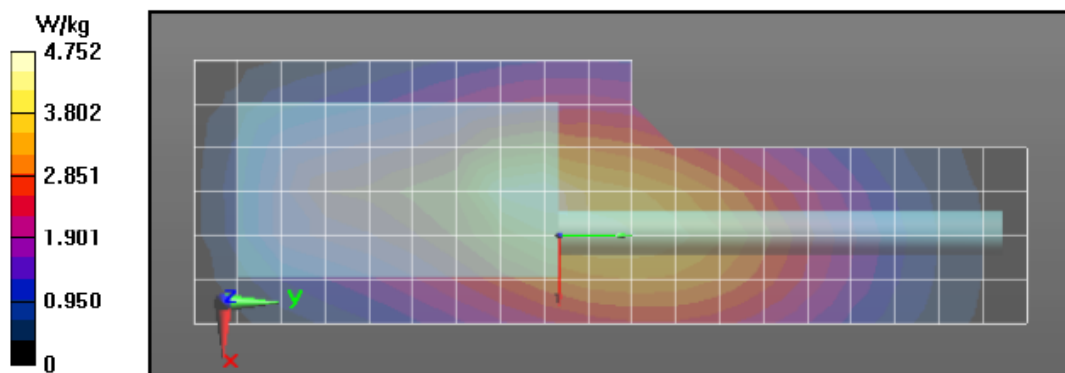
Duty Cycle: 1:1, Medium parameters used: $f = 163 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 58.6$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 163 MHz, ConvF(9.42, 9.42, 9.42); Calibrated: 7/11/2016
 Electronics: DAE4 Sn684, Calibrated: 4/29/2016

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 74.35 V/m; Power Drift = -0.36 dB
 Fast SAR: SAR(1 g) = 4.14 W/kg; SAR(10 g) = 3.07 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.80 W/kg

Below 2 GHz-Rev.2/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: $dx=0.7500 \text{ mm}$, $dy=0.7500 \text{ mm}$, $dz=1.000 \text{ mm}$
 Reference Value = 74.35 V/m; Power Drift = -0.41 dB
 Fast SAR: SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.83 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.53 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 79.27 V/m; Power Drift = -0.30 dB
 Peak SAR (extrapolated) = 7.19 W/kg
 SAR(1 g) = 4.31 W/kg; SAR(10 g) = 3.04 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.58 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=10 \text{ mm}$
 Maximum value of SAR (measured) = 5.12 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)	27	8	2.34	1.65
Full scan (area & zoom)	18	25	2.48	1.73

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