



DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

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

Date of Report: 12/14/2015
Report Revision: A

Responsible Engineer: Veeramani (Sr.EME Engineer)
Report Author: Veeramani (Sr.EME Engineer)
Date/s Tested: 10/29/2015-11/23/2015
Manufacturer: Motorola Solutions Inc.
DUT Description: Handheld Portable - 136-174 MHz 5W LKP WiFi,
 Handheld Portable - 136-174 MHz 5W NKP CFS WiFi,
Test TX mode(s): CW (PTT) , Bluetooth, WLAN 802.11 b/g/n
Max. Power output: 6.0 W (LMR 136-174 MHz band), 7.6 mW (Bluetooth), 72.3 mW (WLAN 802.11 b),
 20.4 mW (WLAN 802.11g), 13.0 mW (WLAN 802.11n)
Nominal Power: 5.0 W (LMR 136-174 MHz band), 8.9 mW (Bluetooth), 55.0 mW (WLAN 802.11 b),
 14.8 mW (WLAN 802.11g), 10.0 mW (WLAN 802.11n)
Tx Frequency Bands: LMR 136-174 MHz; Bluetooth 2.402-2.480 GHz;
 WLAN 802.11 b/g/n 2.412-2.462 GHz
Signaling type: FM (LMR), FHSS (Bluetooth), 802.11 b/g/n (WLAN)
Model(s) Tested: PMUD2629B, PMUD2625B
Model(s) Certified: PMUD2629B, PMUD2625B
Serial Number(s): 446TRV0026, 446TRV0028, 867TRV0083
Classification: Occupational/Controlled
FCC ID: AZ489FT7069; Rule Part 90 (150.8-173.4 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-89FT7069; 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
EME Lab Senior Resource Manager,
Laboratory Director
Approval Date: 12/15/2015

APPENDIX D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/28/2015 1:41:45 PM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150B-151028-01
 Dipole Model#: CLA150
 Phantom#: ELI4 1050
 Tissue Temp: 20.7 (C)
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.200 dB
 Adjusted SAR(1W): 3.72 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz, $\sigma = 0.79$ S/m, $\epsilon_r = 38.9$, $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3568, Frequency: 150 MHz, Com/F(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

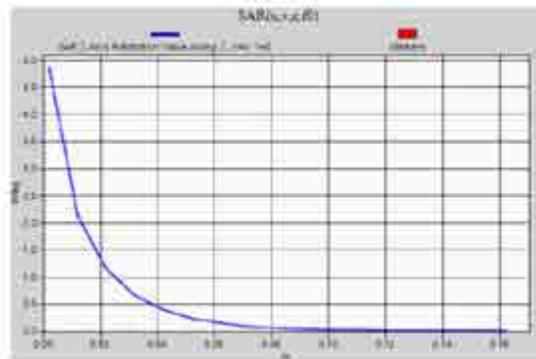
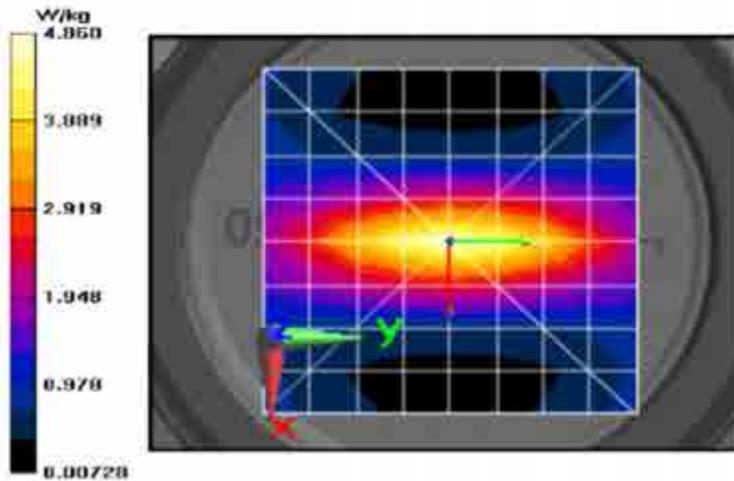
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 77.45 V/m, Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.96 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.92 W/kg

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 = 77.45 V/m, Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 6.06 W/kg
SAR(1 g) = 3.72 W/kg; SAR(10 g) = 2.44 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.82 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) = 4.86 W/kg



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 10/29/2015 2:19:22 PM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150B-151029-07
 Dipole Model#: CLA 150
 Phantom#: ELI41050
 Tissue Temp: 20.8 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.25 dB
 Adjusted SAR(1W): 3.67 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz, $\sigma = 0.77$ S/m, $\epsilon_r = 38.9$, $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3568, Frequency: 150 MHz, CornF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

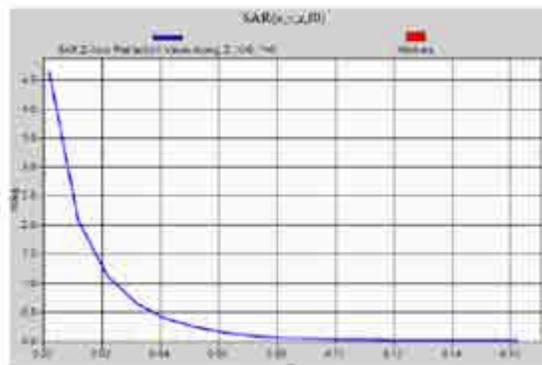
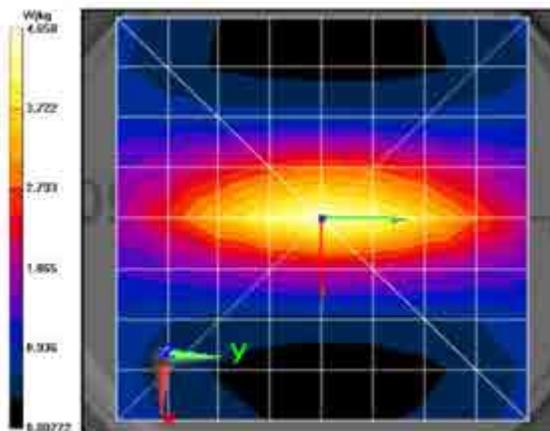
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 77.17 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 4.06 W/kg; SAR(10 g) = 2.9 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.70 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 = 77.17 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 5.83 W/kg
SAR(1 g) = 3.67 W/kg; SAR(10 g) = 2.41 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.65 W/kg

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



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 10/30/2015 8:58:47 AM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150B-151030-11
 Dipole Model#: CLA 150
 Phantom#: ELI41050
 Tissue Temp: 20.6 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.24 dB
 Adjusted SAR (1W): 3.70 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$, $\sigma = 0.77 \text{ S/m}$, $\epsilon_r = 59.3$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, Com/F(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

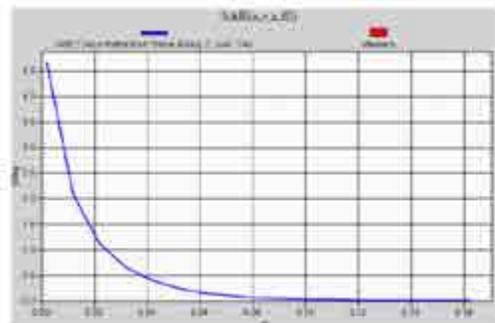
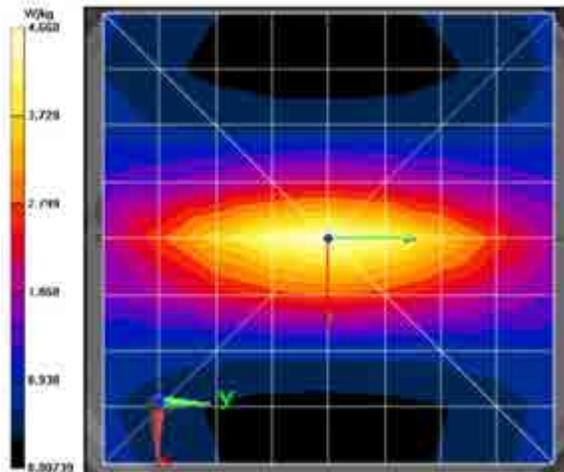
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 77.76 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.92 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.69 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 77.76 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 5.85 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.43 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.67 W/kg

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

grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=10 \text{ mm}$
 Maximum value of SAR (measured) = 4.66 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/2/2015 9:23:21 AM

Robot#: DASY5-PG-3 | Run#: MO-SYSP-150B-151102-01
 Dipole Model#: CLA150
 Phantom#: ELI4 1050
 Tissue Temp: 22.3 (C)
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.24 dB
 Adjusted SAR(1W): 3.73 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.8 \text{ S/m}$; $\epsilon_r = 59.2$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, ConvF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

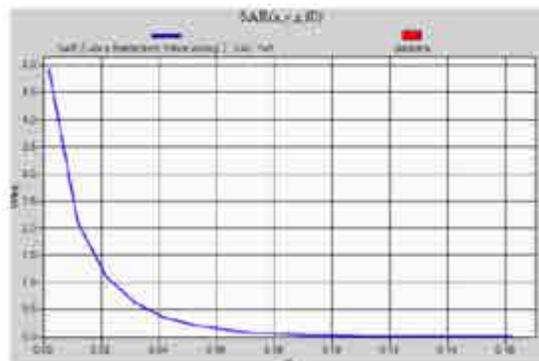
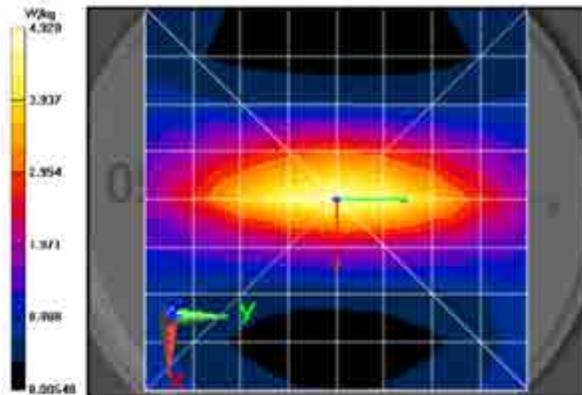
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 77.97 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 4.18 W/kg; SAR(10 g) = 2.98 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.98 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 77.97 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 6.22 W/kg
SAR(1 g) = 3.73 W/kg; SAR(10 g) = 2.41 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.92 W/kg

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/3/2015 9:24:56 PM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150B-151103-11
 Dipole Model#: CLA 150
 Phantom#: ELI4 1050
 Tissue Temp: 21.2 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.20 dB
 Adjusted SAR (1W): 3.75 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.77 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, Com/F(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

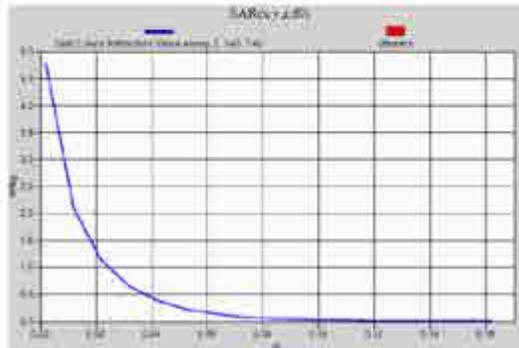
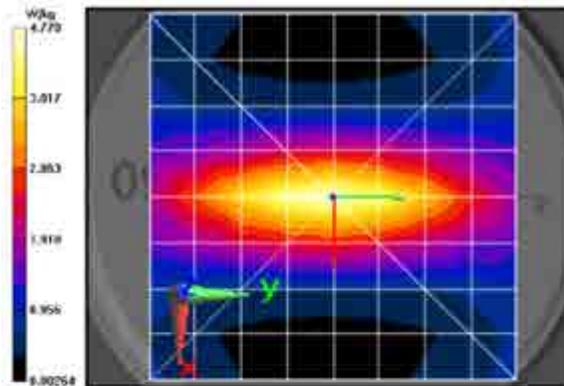
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 78.21 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 4.17 W/kg; SAR(10 g) = 2.97 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.79 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 78.21 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 6.00 W/kg
SAR(1 g) = 3.75 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)

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

grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=10 \text{ mm}$
 Maximum value of SAR (measured) = 4.77 W/kg



Motorola Solutions, Inc. EME Laboratory
 DateTime: 11/4/2015 8:30:25 PM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150B-151104-23
 Dipole Model#: CLA 150
 Phantom#: ELI41050
 Tissue Temp: 21.6 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.20 dB
 Adjusted SAR(1W): 3.72 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.8 \text{ S/m}$; $\epsilon_r = 59$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, Corn/F(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

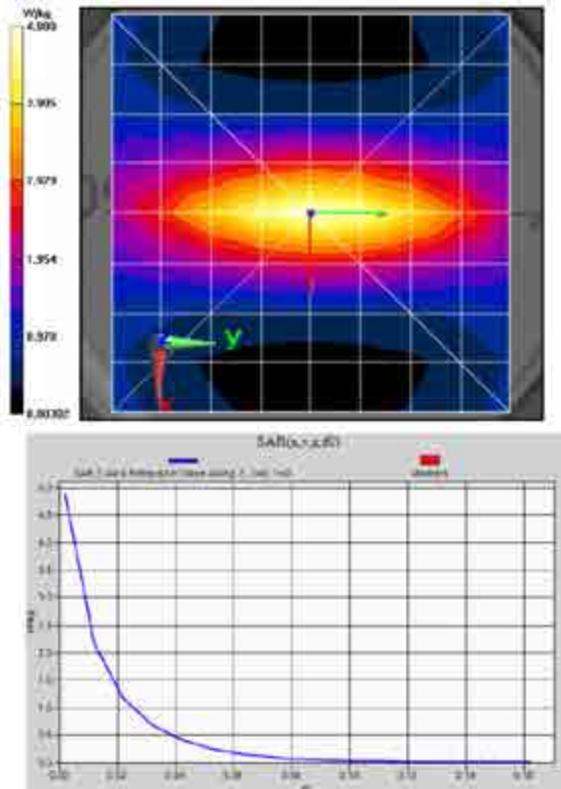
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 77.48 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.96 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.91 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 77.48 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolate d) = 6.06 W/kg
SAR(1 g) = 3.72 W/kg; SAR(10 g) = 2.46 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.85 W/kg

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

grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=10 \text{ mm}$
 Maximum value of SAR (measured) = 4.88 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/5/2015 9:33:39 PM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150B-151105-25
 Dipole Model#: CLA 150
 Phantom#: ELI41050
 Tissue Temp: 21.2 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.200 dB
 Adjusted SAR(1W): 3.80 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz, $\sigma = 0.79$ S/m, $\epsilon_r = 88.9$, $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3568, Frequency: 150 MHz, Coax/F(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

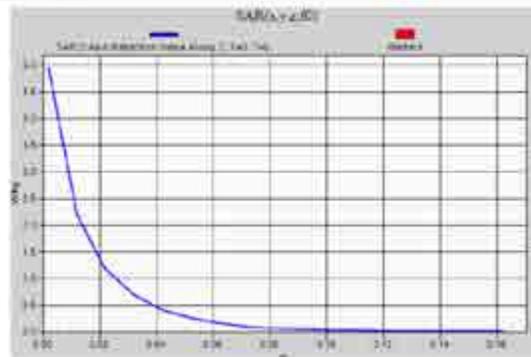
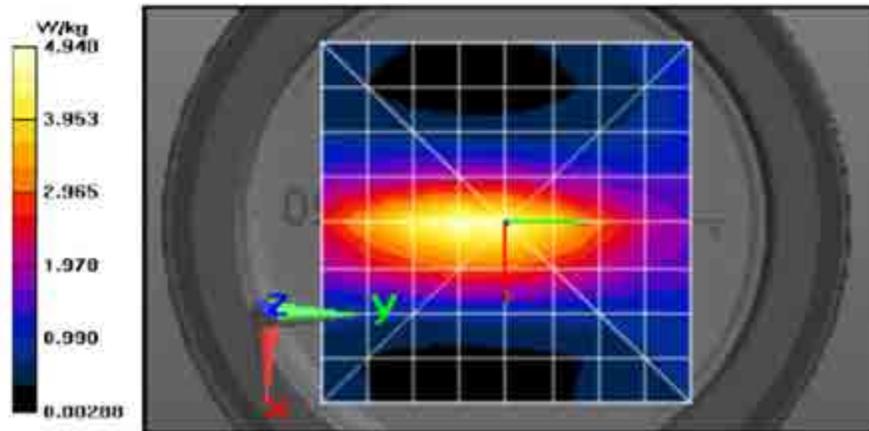
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 78.97 V/m, Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 4.24 W/kg; SAR(10 g) = 3.02 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.03 W/kg

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 = 78.97 V/m, Power Drift = -0.03 dB
 Peak SAR (extrapolate d) = 6.18 W/kg
SAR(1 g) = 3.8 W/kg; SAR(10 g) = 2.5 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.93 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) = 4.94 W/kg



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/6/2015 8:05:20 PM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150B-151106-21
 Dipole Model#: CLA 150
 Phantom#: ELI41050
 Tissue Temp: 20.5 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.220 dB
 Adjusted SAR (1W): 3.73 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 99.2$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 150 MHz, Com/F(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

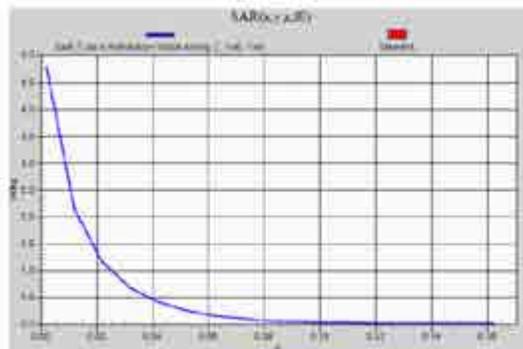
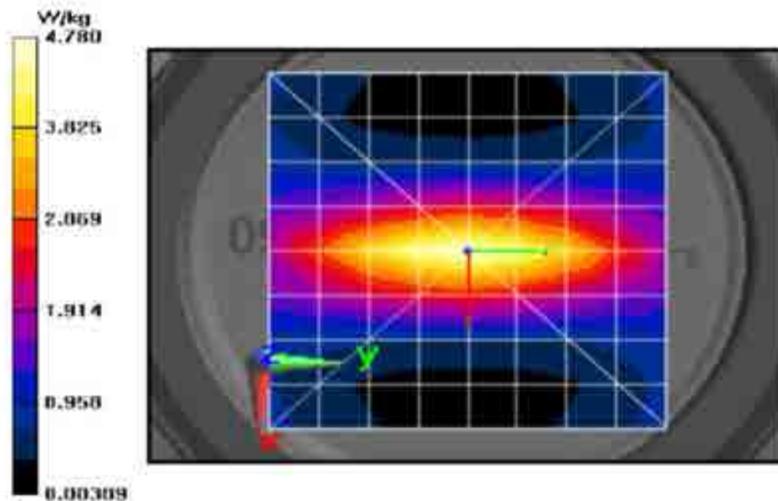
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 78.43 V/m, Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 4.14 W/kg; SAR(10 g) = 2.96 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.80 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 78.43 V/m, Power Drift = -0.04 dB
 Peak SAR (extrapolate d) = 5.97 W/kg
SAR(1 g) = 3.73 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.76 W/kg

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



Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/8/2015 2:13:17 PM

Robot#: DASY5-PG-3 | Run#: KKL-SYSP-150B-151108-01
 Dipole Model#: CLA 150
 Phantom#: ELI4 1050
 Tissue Temp: 21.1 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.210 dB
 Adjusted SAR(1W): 3.69 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.8 \text{ S/m}$; $\epsilon_r = 59$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, ConvF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

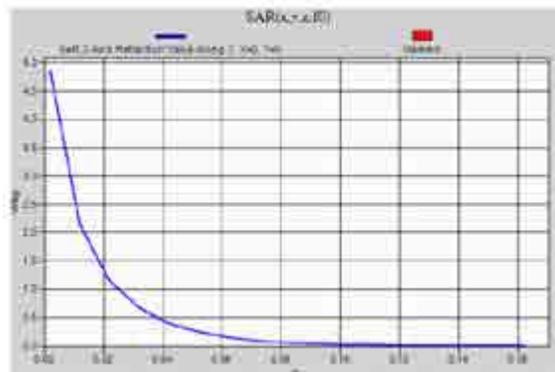
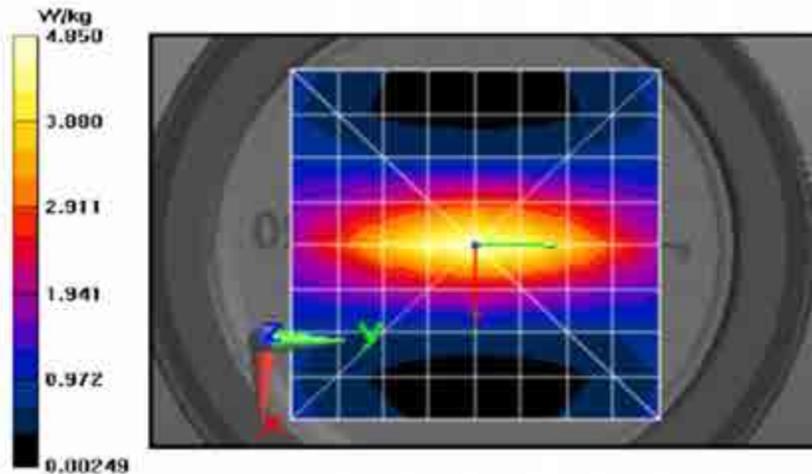
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 76.85 V/m; Power Drift = 0.08 dB
Fast SAR: SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.93 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.86 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 76.85 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolate d) = 6.06 W/kg
SAR(1 g) = 3.69 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: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=10 \text{ mm}$
 Maximum value of SAR (measured) = 4.85 W/kg



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/9/2015 9:07:40 AM

Robot#: DASY5-PG-3 | Run#: KKL(KA)-SYSP-150B-151109-01
 Dipole Model#: CLA 150
 Phantom#: EL14 1050
 Tissue Temp: 21.2 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.21 dB
 Adjusted SAR(1W): 3.59 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 99.5$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, Conv/F(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

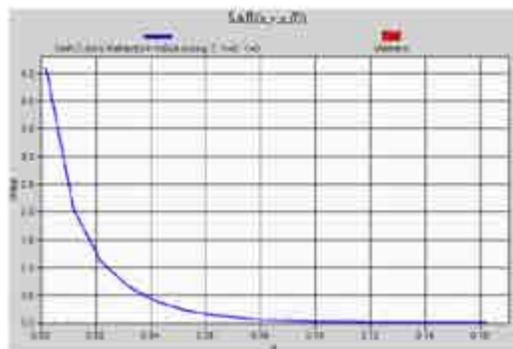
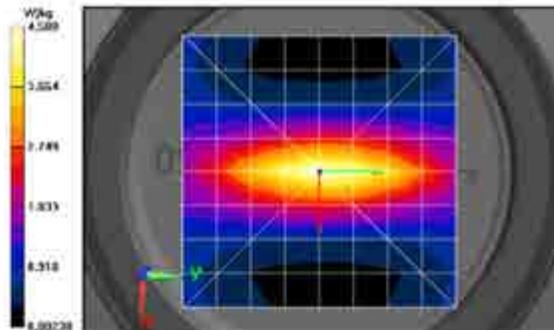
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 76.07 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 3.99 W/kg; SAR(10 g) = 2.85 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.67 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 76.07 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 5.75 W/kg
SAR(1 g) = 3.59 W/kg; SAR(10 g) = 2.36 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.58 W/kg

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



Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/10/2015 9:48:38 AM

Robot#: DASY5-PG-3 | Run#: KKL(KA)-SYSP-150B-151110-11
 Dipole Model#: CLA 150
 Phantom#: ELI4 1050
 Tissue Temp: 20.5 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.22 dB
 Adjusted SAR(1W): 3.54 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 59.1$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, CornF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

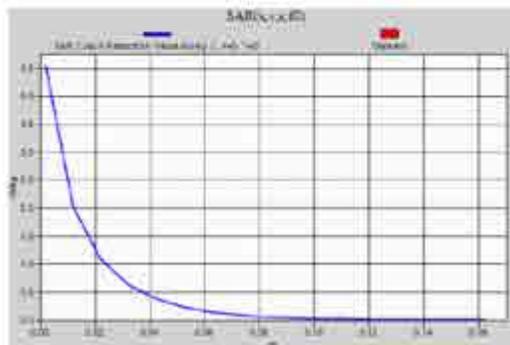
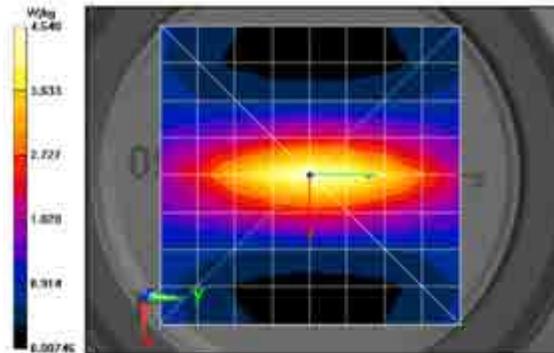
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 75.74 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.81 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.60 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 75.74 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 5.67 W/kg
SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.33 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.54 W/kg

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



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/11/2015 6:28:43 AM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150H-151111-10
 Dipole Model#: CLA 150
 Phantom#: ELI41037
 Tissue Temp: 20.3 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.220 dB
 Adjusted SAR (1W): 3.67 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 150 MHz, Corn/F(10.26, 10.26, 10.26); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

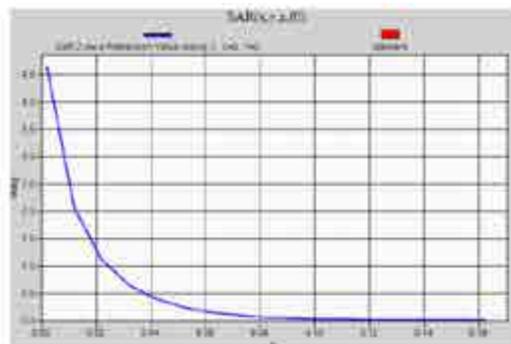
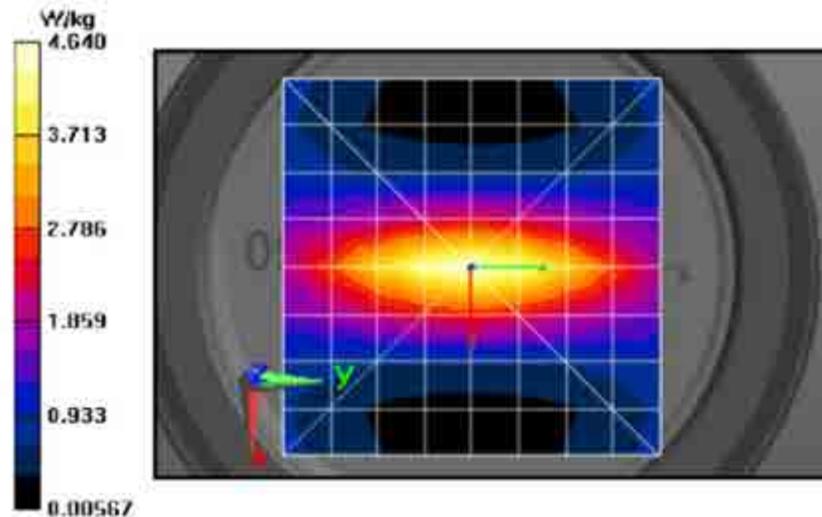
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 78.89 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.91 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.67 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 78.89 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolate d) = 5.80 W/kg
SAR(1 g) = 3.67 W/kg; SAR(10 g) = 2.41 W/kg (SAR corrected for target medium)

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



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/12/2015 4:58:55 PM

Robot#: DASY5-PG-3 | Run#: MO-SYSP-150B-151112-20
 Dipole Model#: CLA 150
 Phantom#: ELI4 1050
 Tissue Temp: 19.5 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.23 dB
 Adjusted SAR (1W): 3.91 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.76 \text{ S/m}$; $\epsilon_r = 59$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, ComF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

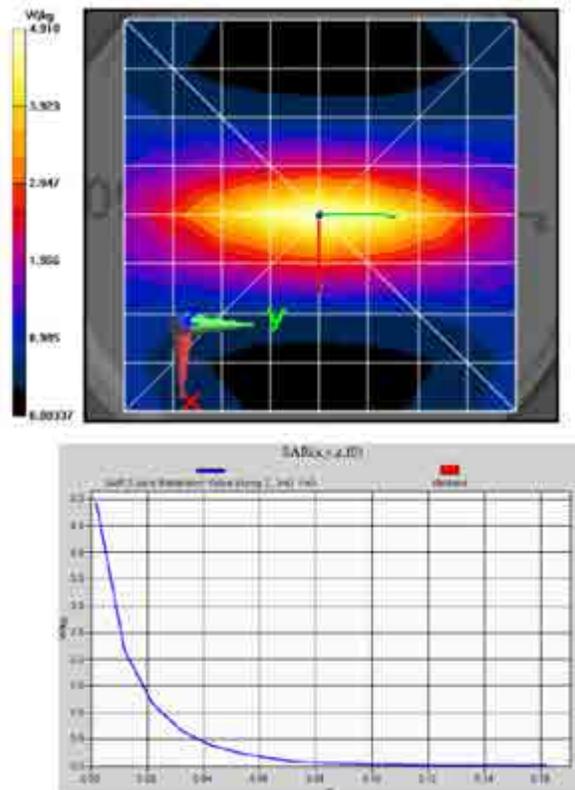
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 80.32 V/m ; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 4.36 W/kg; SAR(10 g) = 3.11 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.95 W/kg

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

Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 80.32 V/m ; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 6.18 W/kg
SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.55 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.91 W/kg

Below 2 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x7): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=10 \text{ mm}$



Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/12/2015 6:17:20 AM

Robot#: DASY5-PG-3 | Run#: AZ-SYSP-150H-151112-09
 Dipole Model#: CLA 150
 Phantom#: ELI4 1037
 Tissue Temp: 20.5 (C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.230 dB
 Adjusted SAR(1W): 3.58 mW/kg (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.76$ S/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3568, Frequency: 150 MHz, CornF(10.26, 10.26, 10.26); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

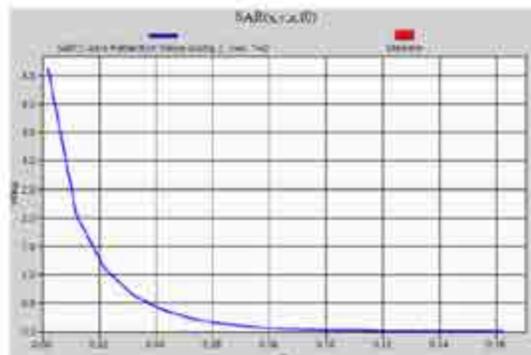
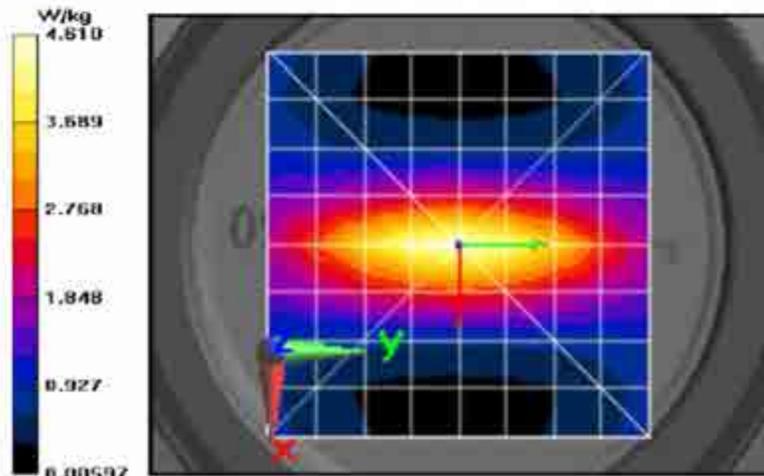
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 77.88 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 3.97 W/kg; SAR(10 g) = 2.84 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.67 W/kg

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 = 77.88 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolate ϕ) = 5.78 W/kg
SAR(1 g) = 3.58 W/kg; SAR(10 g) = 2.35 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) = 4.61 W/kg



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Date/Time: 11/13/2015 2:55:35 PM

Robot#: DASY5-PG-3 | Run# MO-SYSP-150B-151113-09
 Dipole Model# CLA 150
 Phantom#: ELI41050
 Tissue Temp: 20.4(C)
 Serial#: 4010
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.22 dB
 Adjusted SAR(1W): 3.70 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$, $\sigma = 0.78 \text{ S/m}$, $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150 MHz, Cor/F(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

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

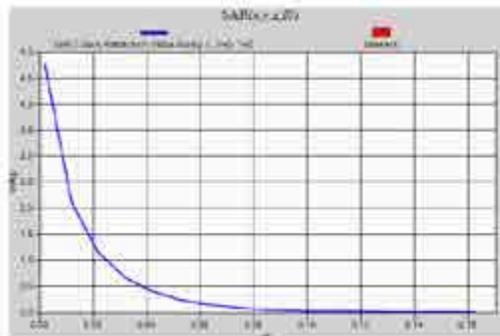
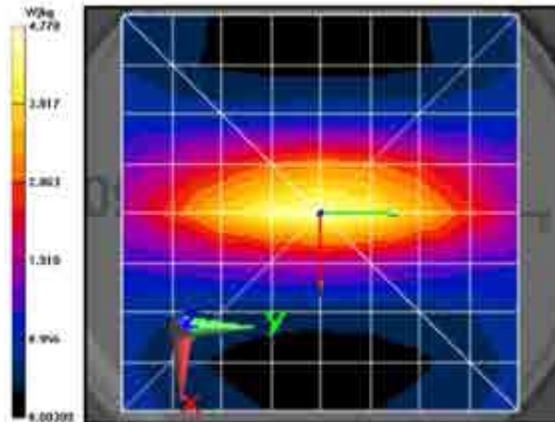
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 77.93 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 4.14 W/kg; SAR(10 g) = 2.95 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.82 W/kg

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

Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 77.93 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolate d) = 5.94 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.43 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.74 W/kg

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

grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$
 Maximum value of SAR (measured) = 4.77 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/9/2015 9:24:08 AM

Robot#: DASY5-PG-02 | Run# TLC-SYSP-2450H-151109-01
 Dipole Model# D2450V2
 Phantom# ELL5 1147
 Tissue Temp: 21.0 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 2.50 (mW)
 Rotation (1D): 0.097 dB
 Adjusted SAR (1W): 51.60 mW/kg (1g)

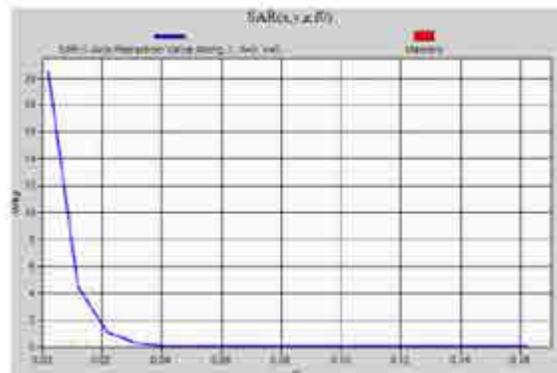
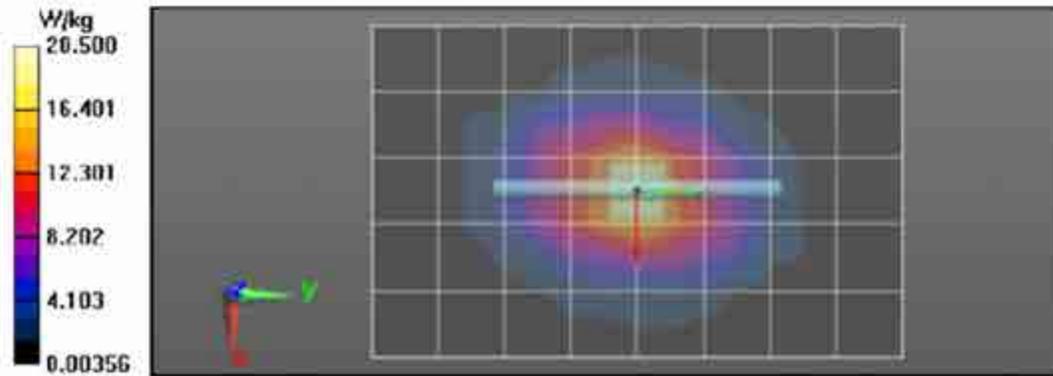
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz, $\sigma = 1.81$ S/m, $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, Frequency: 2450 MHz, ConvF(7.18, 7.18, 7.18); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

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 = 108.6 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.44 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 21.3 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 = 108.6 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 28.7 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.88 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 20.7 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) = 20.5 W/kg



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/10/2015 12:39:54 PM

Robot#: DASY5-PG-02 | Run#: KKL-SYSP-2450H-151110-02
 Dipole Model#: D2450V2
 Phantom#: ELI5 1147
 Tissue Temp: 20.6 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.091 dB
 Adjusted SAR(1W): 53.2 mW/g (1g)

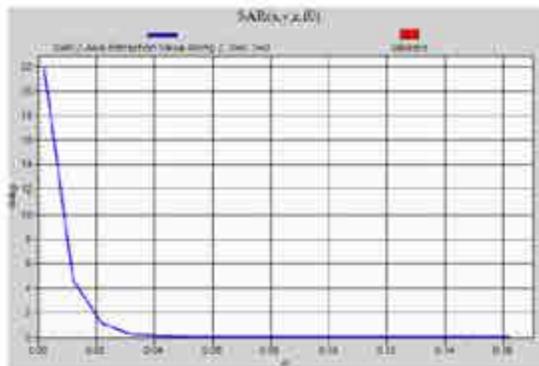
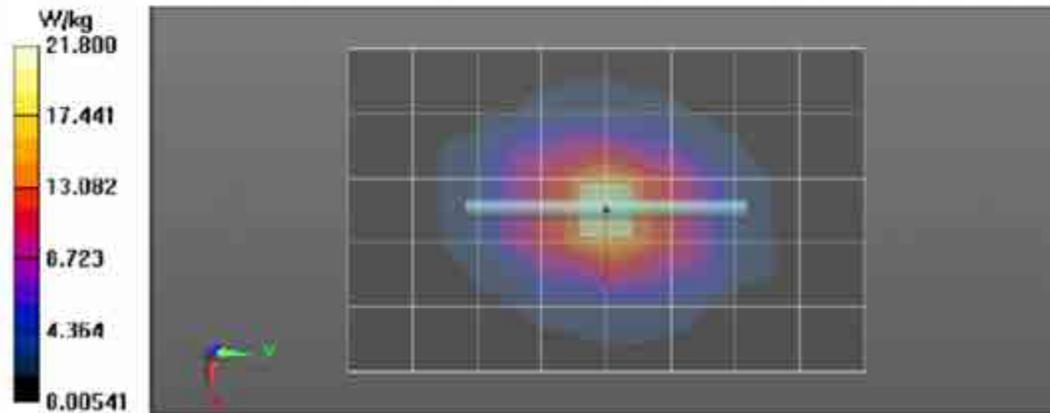
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz, $\sigma = 1.89$ S/m, $\epsilon_r = 35.4$, $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, Frequency: 2450 MHz, ConvF(7.18, 7.18, 7.18); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

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 = 109.3 V/m, Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.71 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 22.5 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 109.3 V/m, Power Drift = 0.00 dB
 Peak SAR (extrapolate d) = 30.1 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.11 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 21.8 W/kg

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



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 Date/Time: 11/11/2015 11:32:53 AM

Robot#: DASY5-PG-02 | Run# KKL-SYSP-2450B-151111-01
 Dipole Model# D2450V2
 Phantom# EL14 1028
 Tissue Temp: 20.1 (C)
 Serial# 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.09 dB
 Adjusted SAR (1W): 51.2 mW/g (1g)

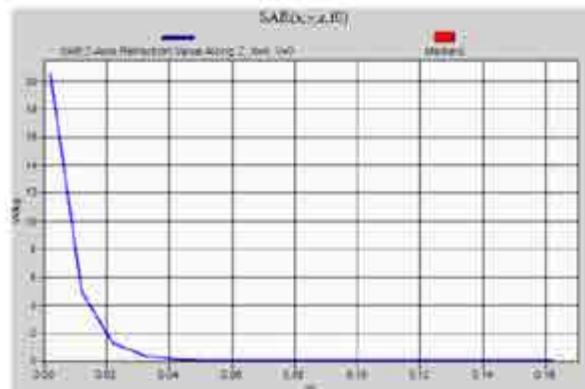
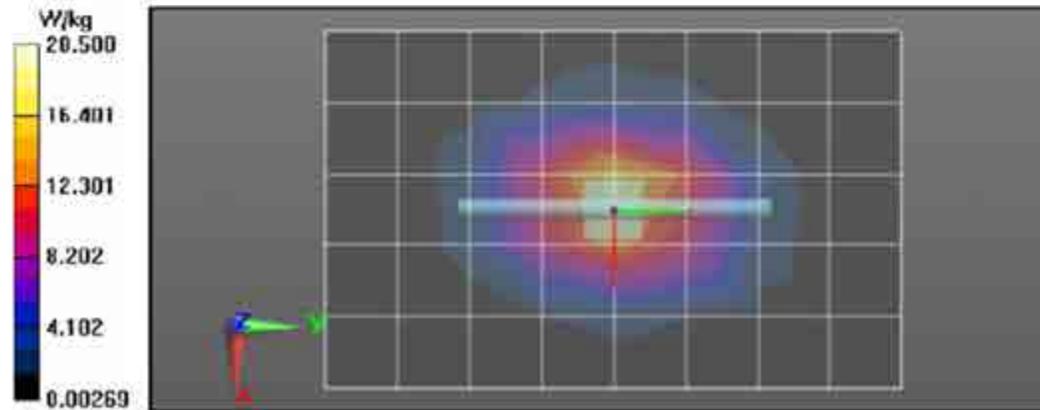
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz, $\sigma = 2.02$ S/m, $\epsilon_r = 48.2$, $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, Frequency: 2450 MHz, ConvF(7.33, 7.33, 7.33), Calibrated: 6/23/2015
 Electronics: DAE4 Sml483, Calibrated: 6/16/2015

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 = 102.6 V/m, Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.18 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 21.1 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 102.6 V/m, Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 27.6 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.94 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) = 20.5 W/kg



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/12/2015 1:32:41 PM

Robot#: DASY5-PG-02 | Run#: KKL-SYSP-2450B-151112-03
 Dipole Model#: D2450V2
 Phantom#: ELI4 1028
 Tissue Temp: 20.7 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.09 dB
 Adjusted SAR(1W): 50.40 mW/kg (1g)

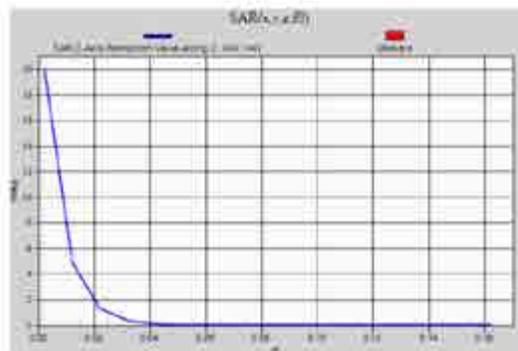
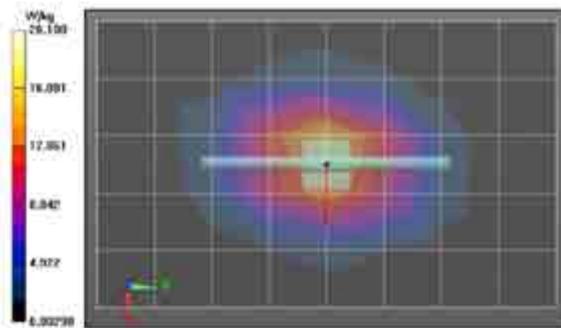
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz, $\sigma = 2.02$ S/m, $\epsilon_r = 48$, $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, Frequency: 2450 MHz, ConvF(7.33, 7.33, 7.33); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

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 = 101.7 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 13 W/kg; SAR(10 g) = 6.1 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 20.8 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 = 101.7 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.88 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



Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/23/2015 1:45:41 PM

Robot#_DASY5-PG-02 | Run#_KKL-SYS P-2450B-151123-01
 Dipole Model#_D2450V2
 Phantom#_EL15 1147
 Tissue Temp_20.6 (C)
 Serial#_781
 Test Freq_2450.000 (MHz)
 Start Power_250 (mW)
 Rotation (1D)_0.097 dB
 Adjusted SAR (1W)_49.60 mW/kg (1g)

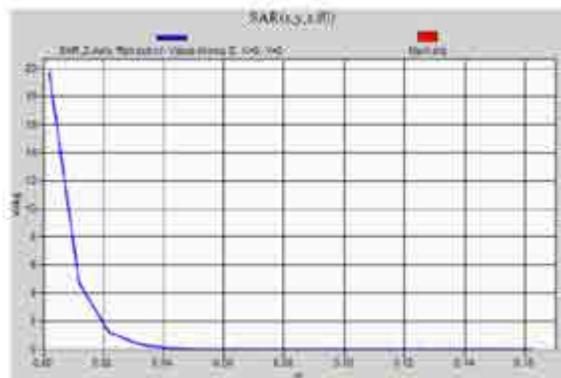
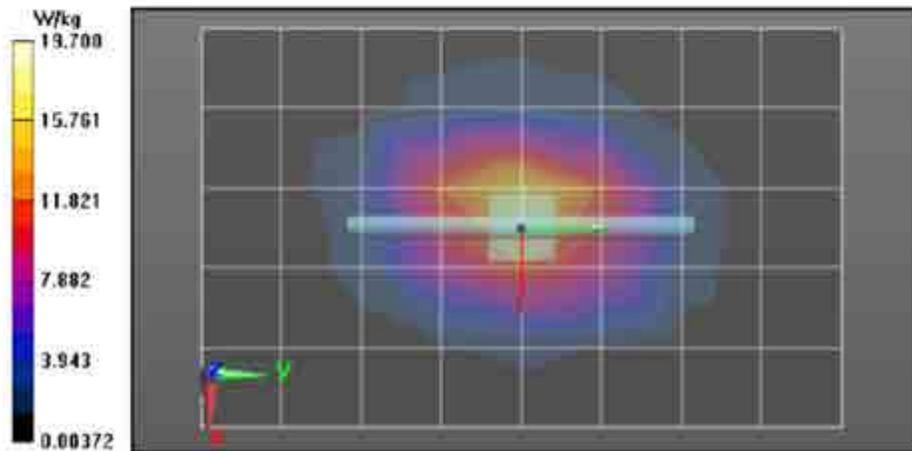
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz, $\sigma = 2.5$ /m, $\epsilon_r = 47.9$, $\rho = 1000$ kg/m³
 Probe: EK3DV4 - SN7364, Frequency: 2450 MHz, ComF(7.33, 7.33, 7.33); Calibrated: 6/23/2015
 Electronics: DAE45 xl483, Calibrated: 6/16/2015

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 = 101.5 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 20.4 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 = 101.5 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.74 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.7 W/kg

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



APPENDIX E
DUT Scans

Assessments at the Body with Body Worn PMLN4651A (Table 18)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/30/2015 12:05:59 AM

Robot#:	DASY5-PG-3 Run#:	MO-AB-151030-01
Model#:		PMLD2629B
Phantom#:		ELI41050
Tissue Temp:		20.5 (C)
Serial#:		446TRV0026
Antenna:		PMAD4118A
Test Freq:		157.900 (MHz)
Battery:		PMLN4407BR
Carry Acc:		PMLN4651A
Audio Acc:		PMLN5727A
Start Power:		6.00 (W)

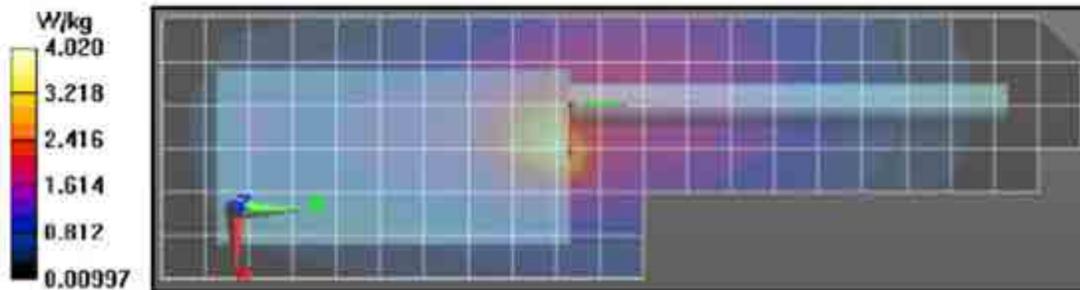
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 58.7$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 46.82 V/m, Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 3.07 W/kg; SAR(10 g) = 2.03 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.82 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 = 46.82 V/m, Power Drift = -0.09 dB
 Peak SAR (extrapolate d) = 6.08 W/kg
SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 3.97 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) = 4.02 W/kg



Assessments at the Body with Body Worn PMLN7008A (Table 19)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/30/2015 9:43:20 PM

Robot#: DASY5-PG-3 | Run#: MO-AB-151030-25
 Model#: PMLD2629B
 Phantom#: ELI4 1050
 Tissue Temp: 20.6 (C)
 Serial#: 446TRV0026
 Antenna: PMAD4118A
 Test Freq: 157.900 (MHz)
 Battery: PMLN4416BR
 Carry Acc: PMLN7008A
 Audio Acc: PMLN5727A
 Start Power: 5.98 (W)

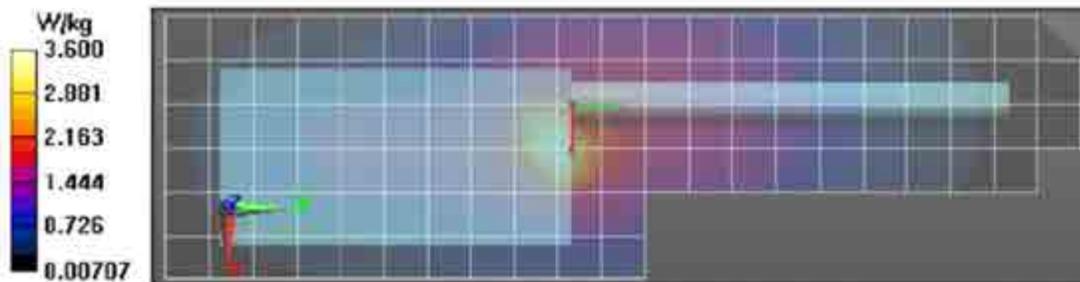
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$, $\sigma = 0.77 \text{ S/m}$, $\epsilon_r = 59.1$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 46.86 V/m, Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 3.33 W/kg; SAR(10 g) = 2.06 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.26 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 = 46.86 V/m, Power Drift = -0.56 dB
 Peak SAR (extrapolated) = 6.04 W/kg
SAR(1 g) = 2.76 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.04 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) = 3.60 W/kg



Assessments at the Body with Body worn HLN6602A (Table 20)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/2/2015 9:38:05 PM

Robot#: DASY5-PG-3 | Run#: AZ-AB-151102-16
Model#: PMJD2629B
Phantom#: ELI41050
Tissue Temp: 21.8 (C)
Serial#: 446TRV0026
Antenna: PMAD4118A
Test Freq: 157.900 (MHz)
Battery: PMNN4417BR
Carry Acc: HLN6602A
Audio Acc: PMLN5727A
Start Power: 6.00 (W)

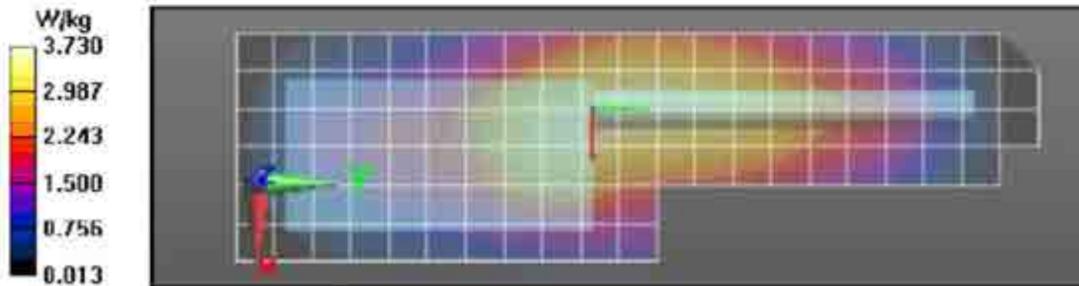
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$, $\sigma = 0.8 \text{ S/m}$, $\epsilon_r = 58.9$, $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN3568, , Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 66.01 V/m, Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 3.14 W/kg; SAR(10 g) = 2.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.63 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=7.5 \text{ mm}$,
 $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
Reference Value = 66.01 V/m, Power Drift = -0.12 dB
Peak SAR (extrapolate d) = 4.45 W/kg
SAR(1 g) = 3.05 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.73 W/kg

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



Assessments at the Body with Body worn RLN4570A (Table 21)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/3/2015 10:30:45 PM

Robot#:	DASY5-PG-3 Run#:	AZ-AB-151103-12
Model#:	PMJD2629B	
Phantom#:	ELI41050	
Tissue Temp:	21.4(C)	
Serial#:	446TRV0026	
Antenna:	PMAD4118A	
Test Freq:	157.900 (MHz)	
Battery:	PMNN4407BR	
Carry Acc:	RLN4570A	
Audio Acc:	PMLN5727A	
Start Power:	6.00 (W)	

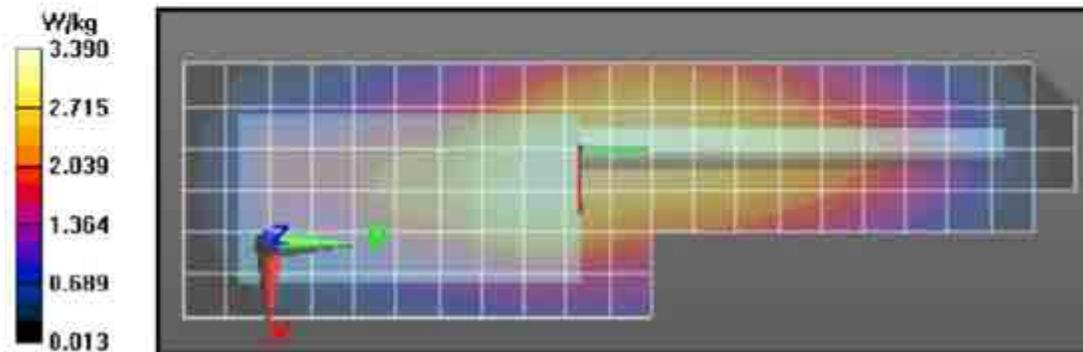
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$, $\sigma = 0.77 \text{ S/m}$, $\epsilon_r = 58.7$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 66.15 V/m, Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 3.07 W/kg; SAR(10 g) = 2.34 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.48 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 = 66.15 V/m, Power Drift = -0.34 dB
 Peak SAR (extrapolated) = 4.08 W/kg
SAR(1 g) = 2.88 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 3.43 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) = 3.39 W/kg



Assessments at the Body with Body worn RLN4815A (Table 22)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/4/2015 11:29:38 PM

Robot#:	DASY5-PG-3 Run#:	AZ-AB-151104-28
Model#:		PMLD2629B
Phantom#:		ELI41050
Tissue Temp:		20.6(C)
Serial#:		446TRV0026
Antenna:		PMAD4118A
Test Freq:		157.900 (MHz)
Battery:		PMNN4493A
Carry Acc:		RLN4815A
Audio Acc:		PMLN5727A
Start Power:		6.00 (W)

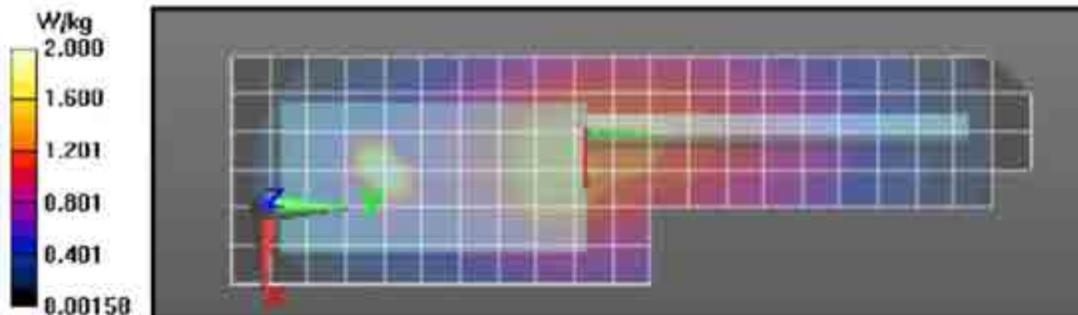
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$; $\sigma = 0.81 \text{ S/m}$; $\epsilon_r = 58.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 39.05 V/m, Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 1.76 W/kg; SAR(10 g) = 0.977 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 2.57 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 = 39.05 V/m, Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 7.77 W/kg
SAR(1 g) = 1.85 W/kg; SAR(10 g) = 0.744 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 2.74 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) = 2.00 W/kg



Assessments at the Body with Body worn PMLN7296A (Table 23)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/5/2015 3:26:15 AM

Robot#:	DASY5-PG-3 Run#:	AZ-AB-151105-06
Model#:		PMJD2629B
Phantom#:		ELI4 1050
Tissue Temp:		20.7 (C)
Serial#:		446TRV0026
Antenna:		PMAD4118A
Test Freq:		157.900 (MHz)
Battery:		PMNN4488A
Carry Acc:		PMLN7296A
Audio Acc:		PMLN5727A
Start Power:		6.00 (W)

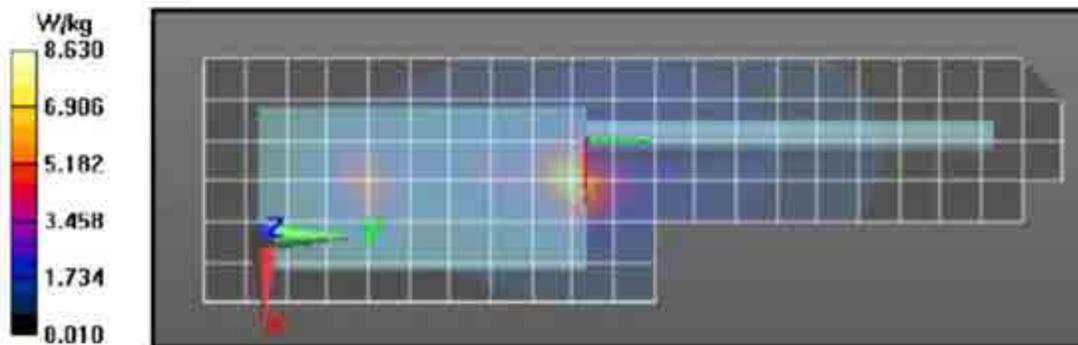
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$; $\sigma = 0.81 \text{ S/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 50.70 V/m, Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 6.08 W/kg; SAR(10 g) = 3.41 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 8.38 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 = 50.70 V/m, Power Drift = -0.30 dB
 Peak SAR (extrapolated) = 141 W/kg
SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 8.34 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) = 8.63 W/kg



Assessments at the Body with Body worn PMLN5864A with NTN5243A (Table 24)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/6/2015 11:08:29 PM

Robot#:	DASY5-PG-3 Rom#:	AZ-AB-151106-26
Model#:		PMLN2629B
Phantom#:		ELI41050
Tissue Temp:		20.5 (C)
Serial#:		446TRV0026
Antenna:		PMA.D4116A
Test Freq:		150.800 (MHz)
Battery:		PNN4417BR
Carry Acc:		PMLN3864A/NTN5243A
Audio Acc:		PMLN5727A
Start Power:		5.98 (W)

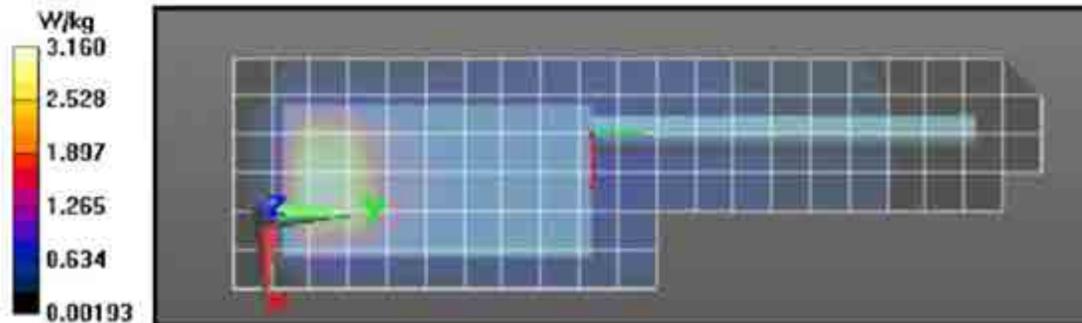
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 151 \text{ MHz}$, $\sigma = 0.78 \text{ S/m}$, $\epsilon_r = 59.2$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 150.8 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 51.62 V/m, Power Drift = -0.62 dB
Fast SAR: SAR(1 g) = 3.4 W/kg; SAR(10 g) = 2.3 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.40 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 = 51.62 V/m, Power Drift = -0.72 dB
 Peak SAR (extrapolated) = 4.67 W/kg
SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.31 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 2.91 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) = 3.16 W/kg



Assessments at the Body with Body worn PMLN5866A with NTN5243A (Table 25)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/6/2015 8:53:48 AM

Robot#: DASY5-PG-3 | Run#: TL(KA)-AB-151106-11
 Model#: PMJD2629B
 Phantom#: ELI41050
 Tissue Temp: 20.5 (C)
 Serial#: 446TRV0026
 Antenna: PMAD4118A
 Test Freq: 157.900 (MHz)
 Battery: PMNN4418BR
 Carry Acc: PMLN5866A/NTN5243A without beltloop
 Audio Acc: PMLN5727A
 Start Power: 6.06 (W)

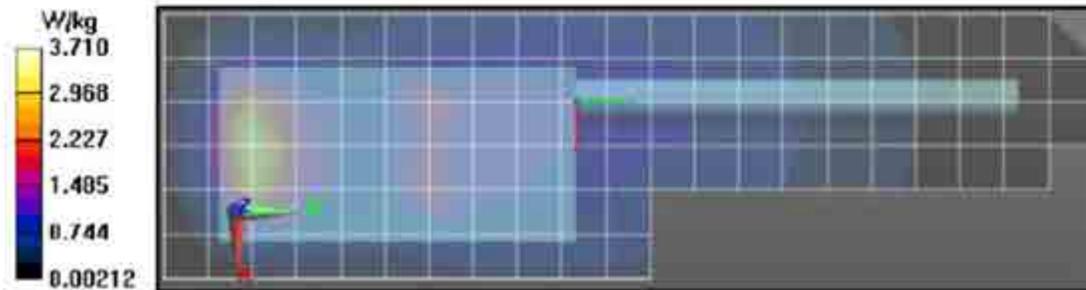
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$, $\sigma = 0.8 \text{ S/m}$, $\tau_r = 58.7$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 38.77 V/m, Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 2.87 W/kg; SAR(10 g) = 1.85 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.59 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5 \text{ mm}$,
 $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 38.77 V/m, Power Drift = -0.20 dB
 Peak SAR (extrapolated) = 5.93 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 3.64 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) = 3.71 W/kg



Assessments at the Body with Body worn PMLN5870A with NTN5243A (Table 26)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/9/2015 8:40:25 PM

Robot#:	DASY5-PG-3 Rom#:	AZ-AB-151109-14
Model#:		PMLD2629B
Phantom#:		ELI41050
Tissue Temp:		20.5 (C)
Serial#:		446TRV0026
Antenna:		PMA4118A
Test Freq:		157.900 (MHz)
Battery:		PMBN4493A
Carry Acc:		PMLN5870A/NTN5243A
Audio Acc:		PMLN5727A
Start Power:		6.00 (W)

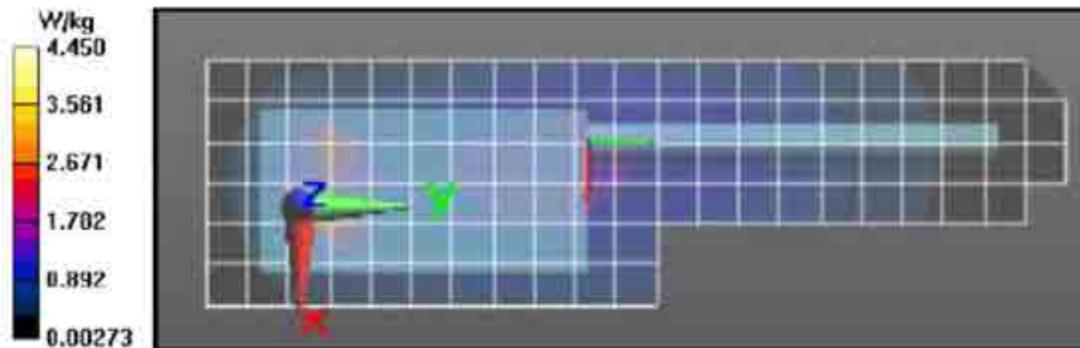
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$, $\sigma = 0.78 \text{ S/m}$, $\epsilon_r = 59.3$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 52.63 V/m, Power Drift = -0.68 dB
Fast SAR: SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.42 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.03 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 52.63 V/m, Power Drift = -0.73 dB
 Peak SAR (extrapolated) = 6.31 W/kg
SAR(1 g) = 2 W/kg; SAR(10 g) = 1.01 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.45 W/kg

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



Assessments at the Body with Body worn PMLN5870A with RLN6486A & RLN6488A (Table 27)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/10/2015 5:56:40 PM

Robot#: DASY5-PG-3 | Run#: KKL(KA)-AB-151110-20
Model#: PMJD2629B
Phantom#: ELI41050
Tissue Temp: 20.7 (C)
Serial#: 446TRV0026
Antenna: PMAD4116A
Test Freq: 150.800 (MHz)
Battery: PMLN4493A
Carry Acc: PMLN5870A/RLN6486A & RLN6488A
Audio Acc: PMLN5727A
Start Power: 6.00 (W)

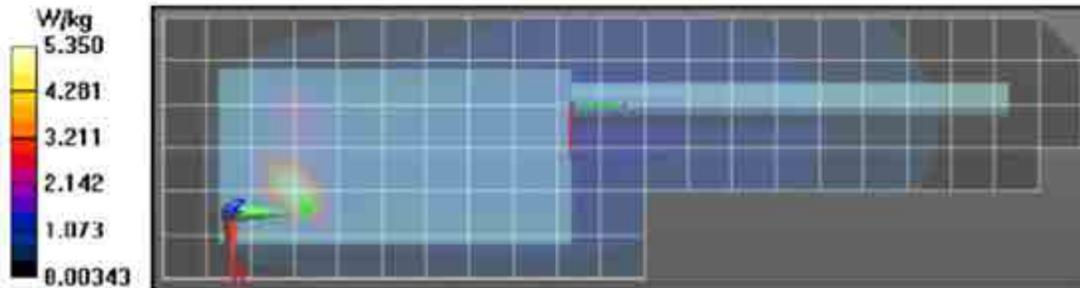
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 151 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN3568, , Frequency: 150.8 MHz, Corr/F(10.08, 10.08, 10.08); Calibrated: 2/27/2015
Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 51.54 V/m, Power Drift = -0.80 dB
Fast SAR: SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.95 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.72 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 = 51.54 V/m, Power Drift = -0.91 dB
Peak SAR (extrapolated) = 8.04 W/kg
SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.44 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) = 5.35 W/kg



Assessment of wireless BT configuration (Table 28)

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/12/2015 8:40:30 PM

Robot#: DASY5-PG-3 | Run#: AZ-AB-151112-22
 Model#: PMJD2629B
 Phantom#: ELI41050
 Tissue Temp: 20.7 (C)
 Serial#: 446TRV0028
 Antenna: PMAD4118A
 Test Freq: 157.900 (MHz)
 Battery: PMLN4488A
 Carry Acc: PMLN7296A
 Audio Acc: None
 Start Power: 5.95 (W)

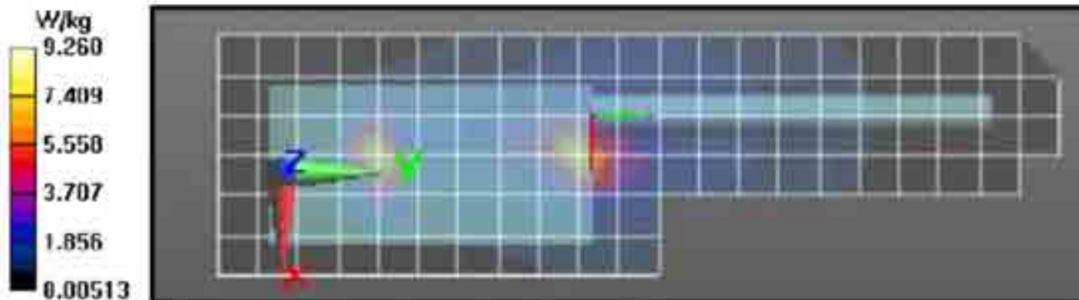
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$; $\sigma = 0.77 \text{ S/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 55.73 V/m, Power Drift = -0.36 dB
Fast SAR: SAR(1 g) = 6.48 W/kg; SAR(10 g) = 3.65 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 8.73 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 = 55.73 V/m, Power Drift = -0.37 dB
 Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.17 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 7.33 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) = 9.26 W/kg



Assessments at the Body for 802.11 b/g/n (Table 30)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/13/2015 5:26:09 AM

Robot#:	DASY5-PG-02 Run#:	AZ(KA)-AB-151113-06
Model#:	FMUD2629B	
Phantom#:	ELI4 1028	
Tissue Temp:	20.3 (C)	
Sens#:	446TRV0030	
Antenna:	PMAD4120A w/ WiFi Ant	
Test Freq:	2412.000 (MHz)	
Battery:	PMNN4491A	
Carry Acc:	PMLN5866A w/NTNS243A without beltloop	
Audio Acc:	None	
Start Power:	0.0628 (W)	

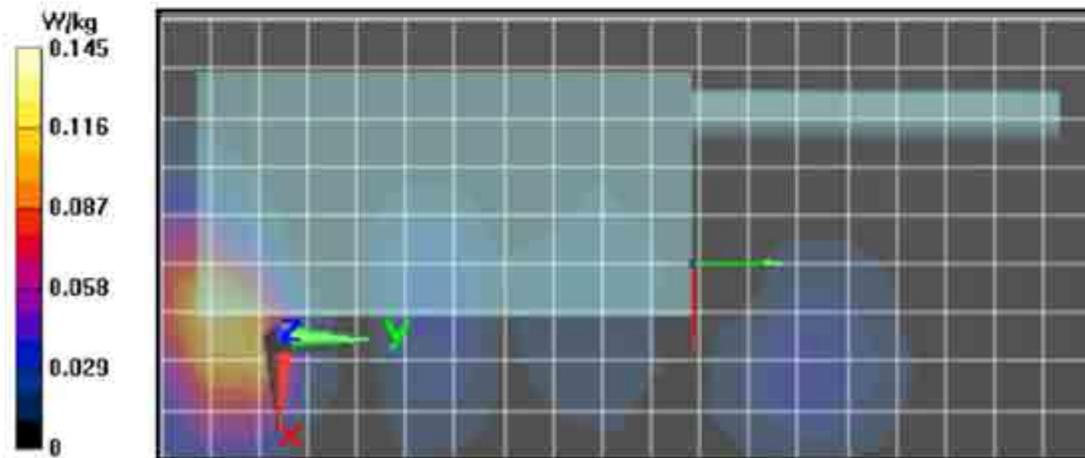
Comments:

Duty Cycle: 1:1.53815, Medium parameters used: $f = 2412 \text{ MHz}$, $\sigma = 1.98 \text{ S/m}$, $\epsilon_r = 48.1$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, Frequency: 2412 MHz, ConvF(7.33, 7.33, 7.33), Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (9x19x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 3.286 V/m, Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.054 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.153 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 = 3.286 V/m, Power Drift = -0.47 dB
 Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.054 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.144 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) = 0.145 W/kg



Assessments at the Face (Table 32)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/11/2015 9:14:18 PM

Robot#: DASY5-PG-3 | Run#: AZ-FACE-151111-24
 Model#: PMJD2629B
 Phantom#: ELI41037
 Tissue Temp: 20.6 (C)
 Serial#: 446TRV0026
 Antenna: PMAD4117A
 Test Freq: 150.800 (MHz)
 Battery: PMNN4416BR
 Carry Acc: None
 Audio Acc: None
 Start Power: 5.98 (W)

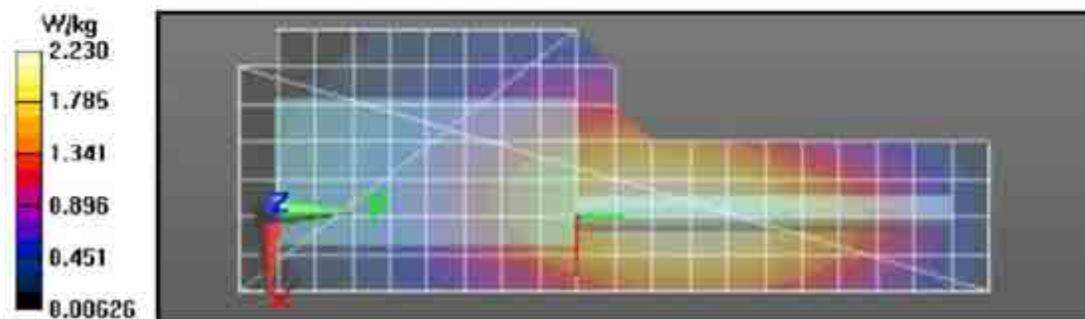
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 151 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 150.8 MHz, ConvF(10.26, 10.26, 10.26), Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x201x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 55.78 V/m; Power Drift = 0.06 dB
Fast SAR: SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.61 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 2.37 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 = 55.78 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolate d) = 2.75 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.53 W/kg (SAR corrected for target medium)

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) = 2.23 W/kg



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

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/10/2015 3:33:46 PM

Robot#: DASY5-PG-2 | Run#: KKL-FACE-151110-05
 Model#: PMUD2629B
 Phantom#: ELI5 1147
 Tissue Temp: 20.4 (C)
 Serial#: 446TRV0030
 Antenna: PMAD4120A w/ WiFi Ant
 Test Freq: 2412.000 (MHz)
 Battery: PMNN4493A
 Carry Acc: None
 Audio Acc: None
 Start Power: 0.0627 (W)

Comments:

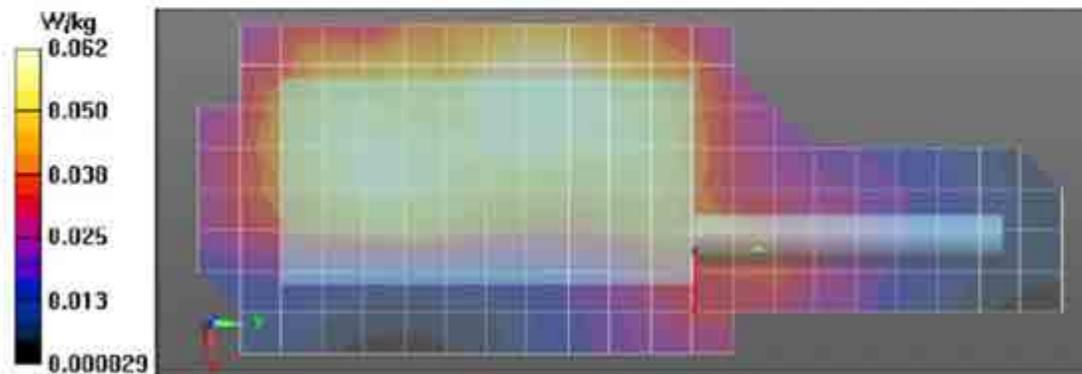
Duty Cycle: 1:1.53815, Medium parameters used: $f = 2412 \text{ MHz}$, $\sigma = 1.845 \text{ /m}$, $\epsilon_r = 35.6$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, Frequency: 2412 MHz, CorvF(7.18, 7.18, 7.18); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

2-3 GHz-Rev.2/Face Scan/1-Area Scan (91x211x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
 Reference Value = 4.880 V/m; Power Drift = 1.45 dB
Fast SAR: SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.0676 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5 \text{ mm}$, $dy=5 \text{ mm}$, $dz=5 \text{ mm}$
 Reference Value = 4.880 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.0820 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.031 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0667 W/kg

2-3 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) = 0.0623 W/kg



Assessments at the Body for Outside Part 90 (Table 35)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/12/2015 9:22:19 PM

Robot#: DASY5-PG-3 | Run#: AZ-AB-151112-23
 Model#: PMJD2629B
 Phantom#: ELI4 1050
 Tissue Temp: 20.5 (C)
 Serial#: 446TRV0028
 Antenna: PMAD4117A
 Test Freq: 136.000 (MHz)
 Battery: PMLN4488A
 Carry Acc: PMLN7296A
 Audio Acc: None
 Start Power: 6.00 (W)

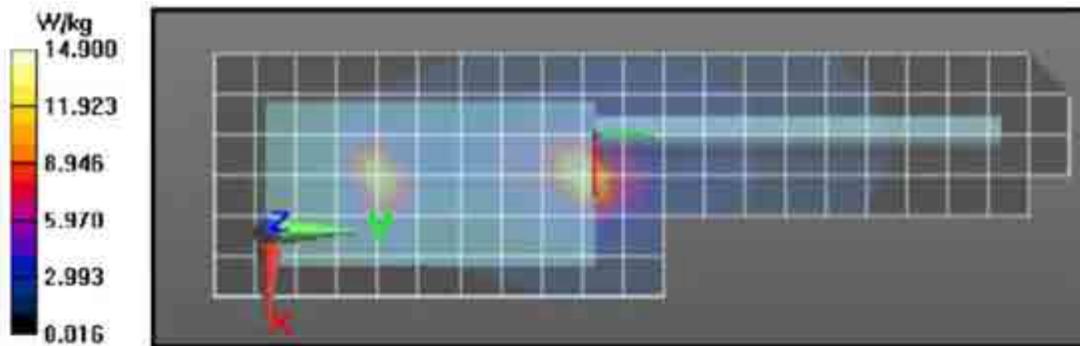
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 136 \text{ MHz}$, $\sigma = 0.76 \text{ S/m}$, $\epsilon_r = 39.4$, $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 136 MHz, CornF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 73.88 V/m; Power Drift = -0.80 dB
Fast SAR: SAR(1 g) = 11.9 W/kg; SAR(10 g) = 6.58 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 16.2 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 = 73.88 V/m; Power Drift = -0.86 dB
 Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 8.65 W/kg; SAR(10 g) = 4.16 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 15.4 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) = 14.9 W/kg



Assessments at the Face for Outside Part 90 (Table 36)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/13/2015 5:26:47 AM

Robot#:	DASY5-PG-3 Run#:	AZ-FACE-151113-07
Model#:	PMJD2629B	
Phantom#:	ELI41037	
Tissue Temp:	20.3 (C)	
Serial#:	446TRV0028	
Antenna:	PMAD4117A	
Test Freq:	148.000 (MHz)	
Battery:	PMNN4416BR	
Carry Acc:	None	
Audio Acc:	None	
Start Power:	5.95 (W)	

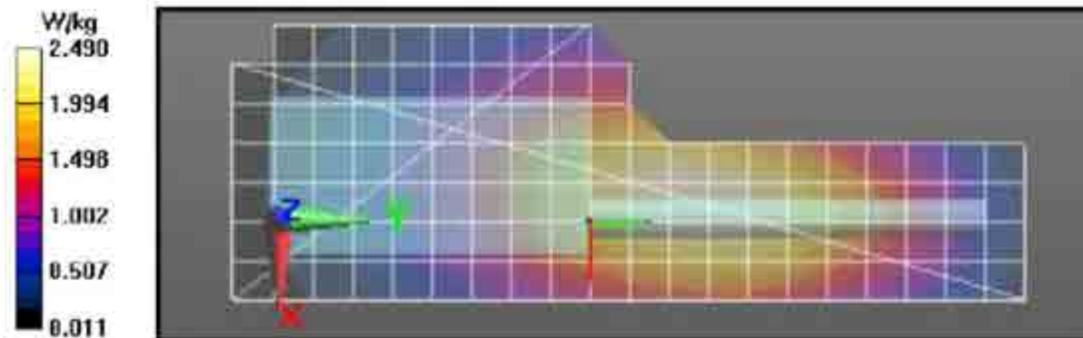
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 148 \text{ MHz}$; $\sigma = 0.76 \text{ S/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, Frequency: 148 MHz, Com/F(10.26, 10.26, 10.26); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x201x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 57.19 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 2.56 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 = 57.19 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 290 W/kg
SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.62 W/kg (SAR corrected for target medium)

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) = 2.49 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/13/2015 11:56:06 AM

Robot#: DASY5-PG-3 | Run#: MO-AB-151113-08
 Model#: PMLD2629B
 Phantom#: ELI41050
 Tissue Temp: 20.1 (C)
 Serial#: 446TRV0028
 Antenna: PMAD4118A
 Test Freq: 157.900 (MHz)
 Battery: PMLN4488A
 Carry Acc: PMLN7296A
 Audio Acc: None
 Start Power: 6.00 (W)

Comments: Shorten Scan

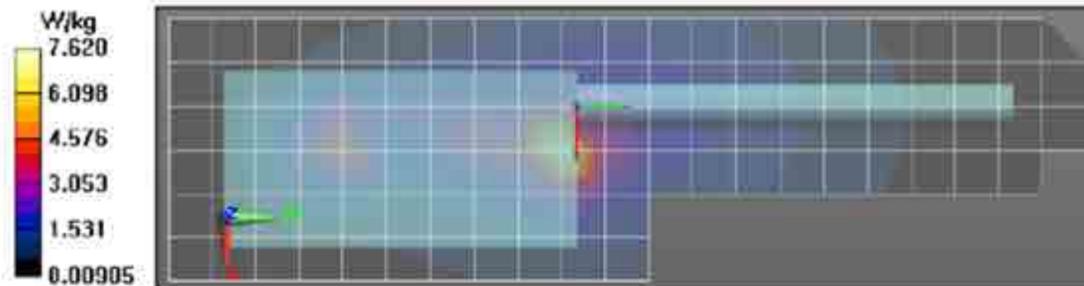
Duty Cycle: 1:1, Medium parameters used: $f = 157.9 \text{ MHz}$, $\sigma = 0.77 \text{ S/m}$, $\epsilon_r = 58.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3568, , Frequency: 157.9 MHz, ConvF(10.08, 10.08, 10.08); Calibrated: 2/27/2015
 Electronics: DAE4 Sn688, Calibrated: 2/23/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 63.02 V/m, Power Drift = -0.94 dB
Fast SAR: SAR(1 g) = 5.95 W/kg; SAR(10 g) = 3.42 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 7.92 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 = 63.02 V/m, Power Drift = -1.24 dB
Fast SAR: SAR(1 g) = 6.35 W/kg; SAR(10 g) = 3.58 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 8.20 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 100.5 V/m, Power Drift = -0.39 dB
 Peak SAR (extrapolated) = 13.2 W/kg
SAR(1 g) = 4.95 W/kg; SAR(10 g) = 2.57 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 7.81 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 7.62 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)	37	7	2.71	1.41
Full scan (area & zoom)	28	27	2.79	1.19

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