



DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

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

Date of Report: 5/20/2016
Report Revision: A

Responsible Engineer: Chang Chi Chern
Report Author: Chang Chi Chern
Date/s Tested: 5/4/2016 – 5/17/2016
Manufacturer: Sanmina-SCI Systems (Malaysia) Sdn. Bhd.
DUT Description: Handheld Portable – APX6000 and APX6000XE Refresh VHF 136-174 MHz 6W
Test TX mode(s): CW (PTT) , Bluetooth, WLAN 802.11 b/g/n
Max. Power output: 6.6 W (LMR 136-174 MHz band), 10 mW (Bluetooth), 1.98 mW (Bluetooth LE), 63.1 mW (WLAN 802.11 b), 25.1 mW (WLAN 802.11g), 15.5 mW (WLAN 802.11n)
Nominal Power: 6.0 W (LMR 136-174 MHz band), 8 mW (Bluetooth), 1.5 mW (Bluetooth LE), 31.6 mW (WLAN 802.11 b), 12.5 mW (WLAN 802.11g), 12.5 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: H98KGD9PW5BN (PMUD3372A) and H98KGH9PW7BN (PMUD3374A)
Model(s) Certified: H98KGD9PW5BN (PMUD3372A), H98KGD9PW5BN (PMUD3384A), H98KGH9PW7BN (PMUD3374A), H98KGH9PW7BN (PMUD3386A)
Serial Number(s): 756TSF2656, 756TSF2661 and 756TSF2634
Classification: Occupational/Controlled
FCC ID: AZ489FT7087; LMR 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-89FT7087; 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

Tiong Nguk Ing
 Deputy Technical Manager
 Approval Date: 6/8/2016

Certification Date: 6/8/2016

Certification No.: L1160581P, L1160582P
 L1160583P & L1160584P

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/4/2016 4:31:04 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-150B-160504-16
 Dipole Model#: CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 20.6 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.20 dB
 Adjusted SAR (1W): 4.05 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.81 \text{ S/m}$; $\epsilon_r = 59.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, , Frequency: 150 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

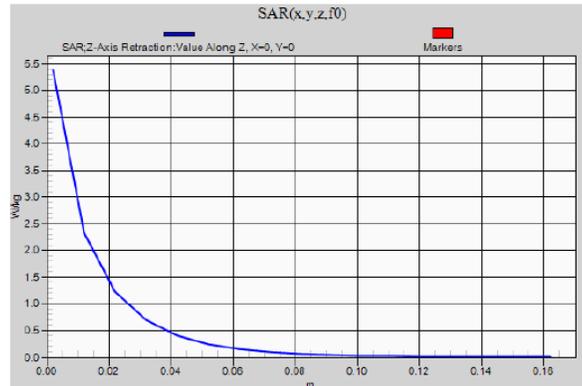
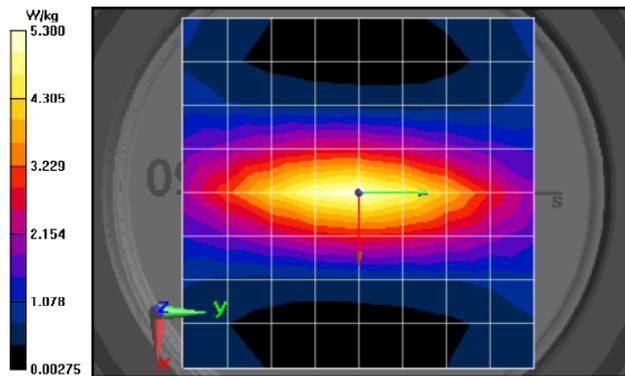
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 81.32 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 4.54 W/kg; SAR(10 g) = 3.22 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.43 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 = 81.32 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 6.78 W/kg
SAR(1 g) = 4.05 W/kg; SAR(10 g) = 2.63 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.37 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: 5/5/2016 3:23:58 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-150B-160505-17
 Dipole Model#: CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 20.6 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.20 dB
 Adjusted SAR (1W): 4.01 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.81 \text{ S/m}$; $\epsilon_r = 59.1$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, Frequency: 150 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

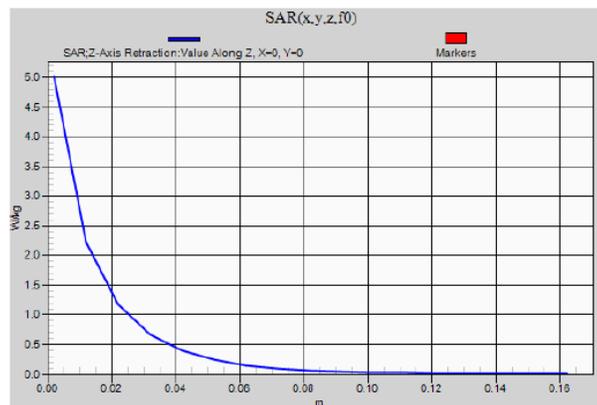
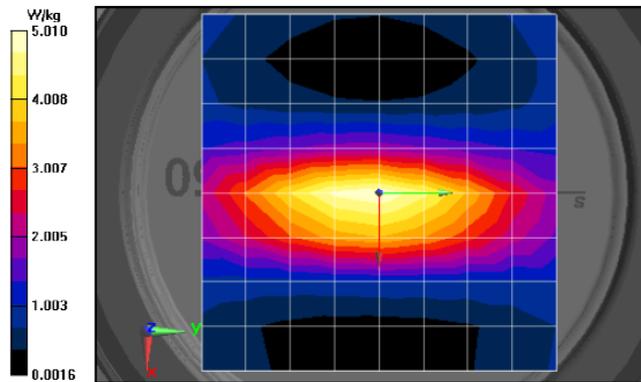
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 78.62 V/m; Power Drift = 0.00 dB
 Fast SAR: SAR(1 g) = 4.5 W/kg; SAR(10 g) = 3.19 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.41 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 = 78.62 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 6.73 W/kg
 SAR(1 g) = 4.01 W/kg; SAR(10 g) = 2.6 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.36 W/kg

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



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Date/Time: 5/6/2016 2:56:41 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-150B-160506-12
 Dipole Model#: CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 20.8 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.200 dB
 Adjusted SAR (1W): 4.02 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 - SN7364, , Frequency: 150 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

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

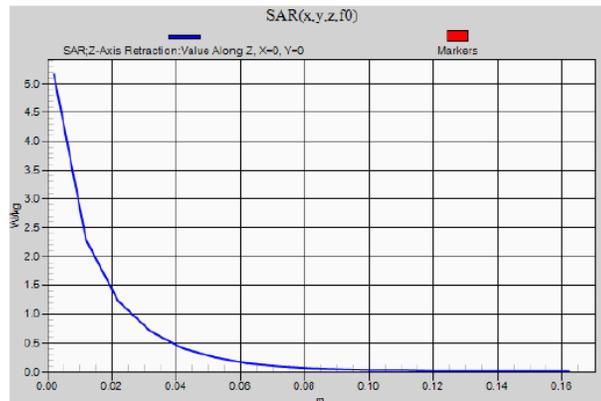
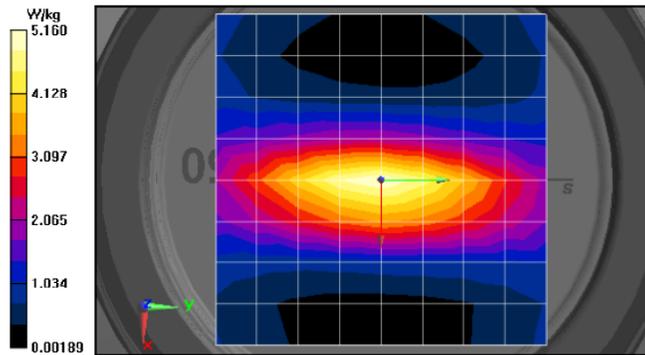
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 79.60 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 4.5 W/kg; SAR(10 g) = 3.2 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.43 W/kg

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 = 79.60 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 6.71 W/kg
SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.62 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.32 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) = 5.16 W/kg



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Date/Time: 5/10/2016 10:43:25 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-150B-160510-01
 Dipole Model#: CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 19.8 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.19 dB
 Adjusted SAR (1W): 4.21 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 59.6$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, , Frequency: 150 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

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

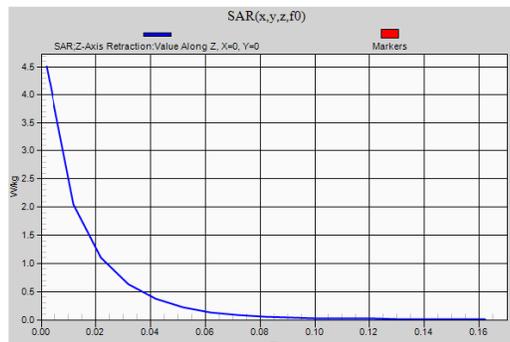
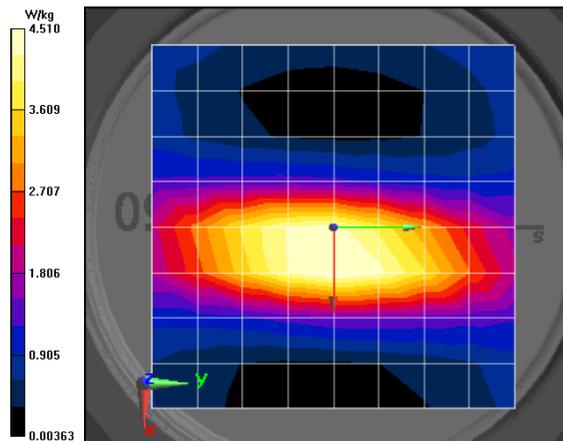
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 74.74 V/m; Power Drift = 0.14 dB
 Fast SAR: SAR(1 g) = 4.71 W/kg; SAR(10 g) = 3.33 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.53 W/kg

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 = 74.74 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 6.83 W/kg
 SAR(1 g) = 4.21 W/kg; SAR(10 g) = 2.72 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.41 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) = 4.51 W/kg



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Date/Time: 5/12/2016 7:15:42 AM

Robot#: DASY5-PG-3 | Run#: ZWS-SYSP-2450B-160512-01
 Dipole Model#: D2450V2
 Phantom#: OVAL 1090
 Tissue Temp: 20.3 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.044 dB
 Adjusted SAR (1W): 48.40 mW/g (1g)

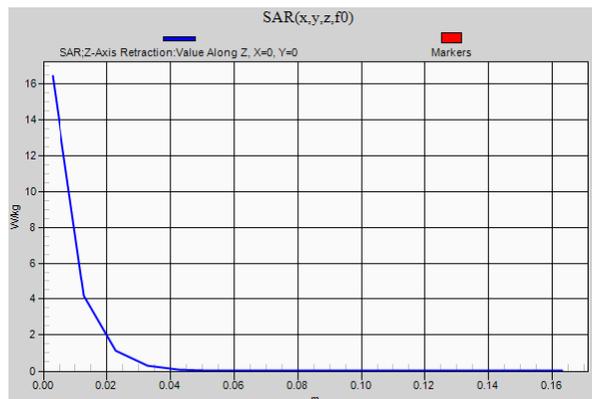
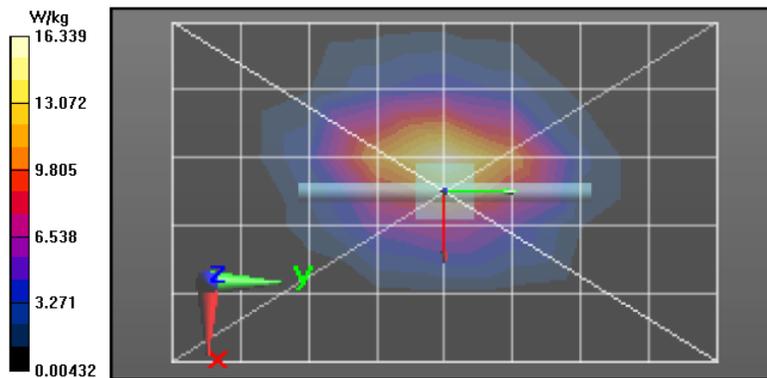
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 47.9$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3196, , Frequency: 2450 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
 Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

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 = 95.52 V/m; Power Drift = -0.14 dB
 Fast SAR: SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.71 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 16.8 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 = 95.52 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 26.0 W/kg
 SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.65 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 16.2 W/kg

2-3 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 16.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/13/2016 6:41:05 AM

Robot#: DASY5-PG-3 | Run#: ZWS-SYSP-2450B-160513-01
 Dipole Model# D2450V2
 Phantom#: OVAL 1090
 Tissue Temp: 20.5 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.052 dB
 Adjusted SAR (1W): 48.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.99$ S/m; $\epsilon_r = 47.6$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3196, , Frequency: 2450 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
 Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

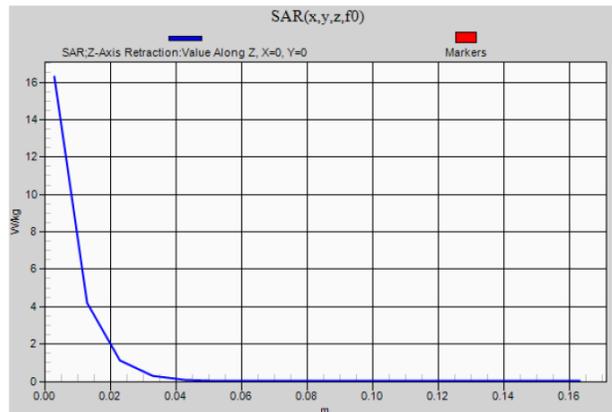
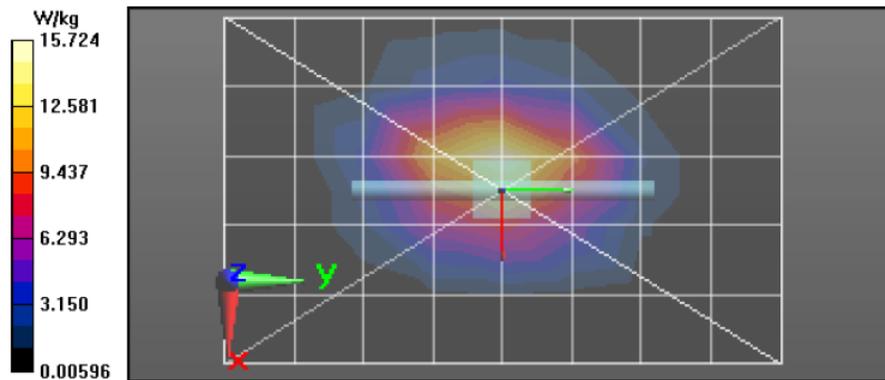
2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x81x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm

Reference Value = 95.07 V/m; Power Drift = -0.17 dB
 Fast SAR: SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.75 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 17.1 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.07 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 25.8 W/kg
 SAR(1 g) = 12 W/kg; SAR(10 g) = 5.63 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 16.3 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: 5/15/2016 7:47:12 AM

Robot#: DASY5-PG-3 | Run#: ZWS-SYSP-2450B-160515-01
 Dipole Model# D2450V2
 Phantom#: OVAL 1090
 Tissue Temp: 21.3 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.026 dB
 Adjusted SAR (1W): 51.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.99$ S/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3196, , Frequency: 2450 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
 Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x81x1): Interpolated grid:

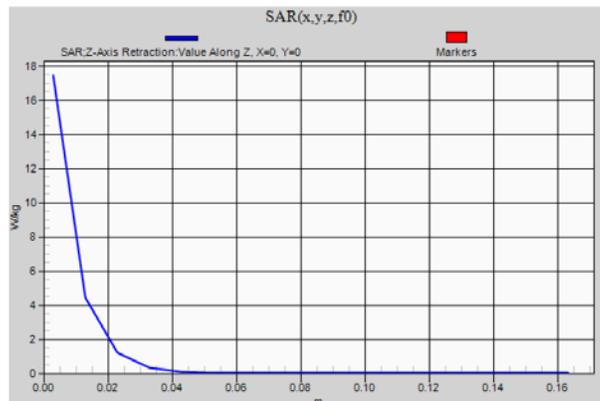
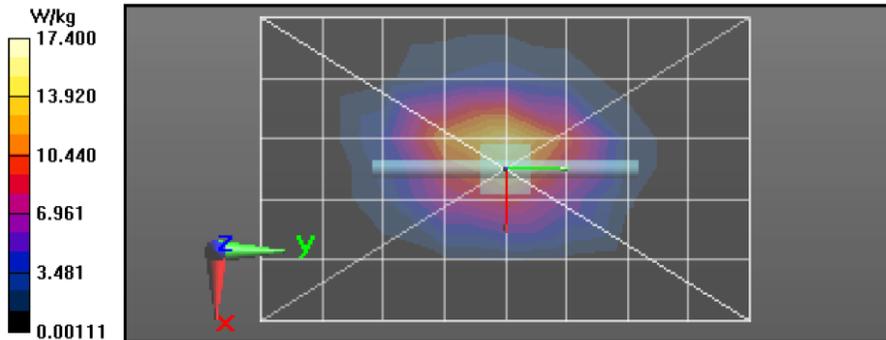
dx=1.200 mm, dy=1.200 mm
 Reference Value = 96.37 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 13 W/kg; SAR(10 g) = 5.98 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 18.1 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 96.37 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.95 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 17.2 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) = 17.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/16/2016 6:50:39 AM

Robot#: DASY5-PG-3 | Run#: ZR-SYSP-2450B-160516-01
 Dipole Model#: D2450V2
 Phantom#: OVAL 1090
 Tissue Temp: 21.2 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.059 dB
 Adjusted SAR (1W): 51.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3196, Frequency: 2450 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
 Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

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 = 97.18 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 18.2 W/kg

2-3 GHz-Rev.2/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement

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

Reference Value = 97.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 27.6 W/kg

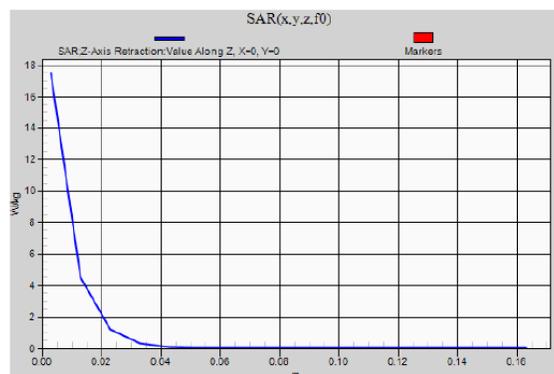
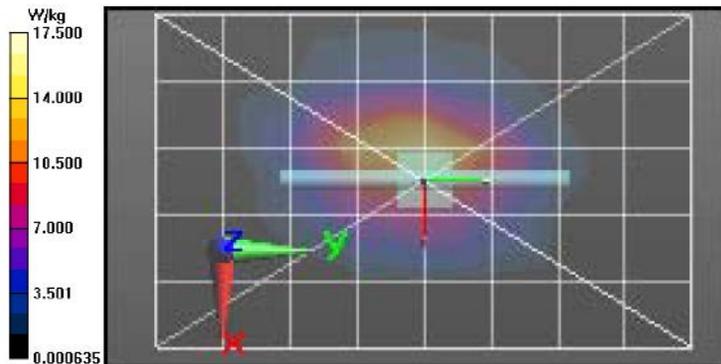
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.01 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 17.4 W/kg

2-3 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 17.5 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/8/2016 3:05:41 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-150H-160508-09
 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): 0.2 dB
 Adjusted SAR (1W): 3.85 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150$ MHz; $\sigma = 0.74$ S/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 150 MHz, ConvF(12.95, 12.95, 12.95); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

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

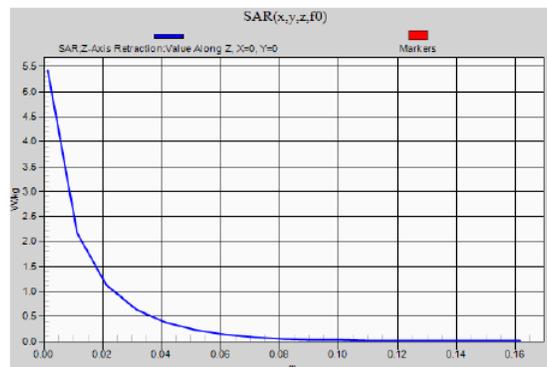
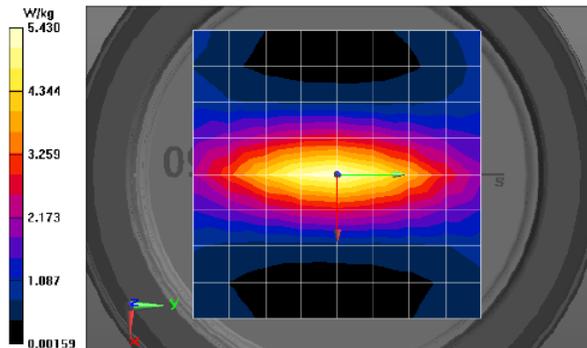
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 85.55 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 4.57 W/kg; SAR(10 g) = 3.23 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.48 W/kg

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 = 85.55 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 6.69 W/kg
SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.47 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.45 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) = 5.43 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/9/2016 10:34:52 AM

Robot#: DASY5-PG-1 | Run#: FIE-SYSP-150H-160509-06
 Dipole Model# CLA-150
 Phantom#: ELI4 1103
 Tissue Temp: 20.5 (C)
 Serial#: 4016
 Test Freq: 150.00 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.200 dB
 Adjusted SAR (1W): 3.71 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 150 MHz; $\sigma = 0.76$ S/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 150 MHz, ConvF(12.95, 12.95, 12.95); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

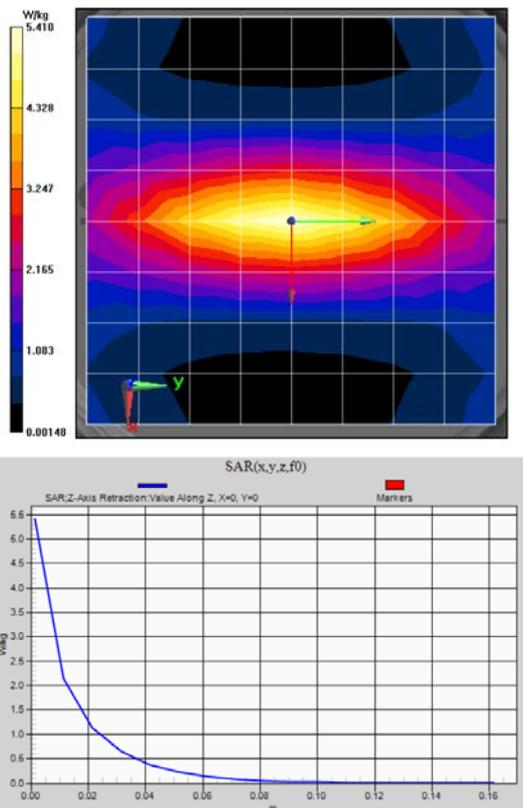
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (81x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 84.59 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 4.46 W/kg; SAR(10 g) = 3.15 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.44 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 = 84.59 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 6.53 W/kg
SAR(1 g) = 3.71 W/kg; SAR(10 g) = 2.4 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.33 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) = 5.41 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 2:42:44 PM

Robot#: DASY5-PG-1 | Run#: MO-SYSP-150H-160510-17
 Dipole Model#: CLA-150
 Phantom#: ELI4 1050
 Tissue Temp: 20.2 (C)
 Serial#: 4016
 Test Freq: 150.000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.18 dB
 Adjusted SAR (1W): 3.88 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 150 \text{ MHz}$; $\sigma = 0.72 \text{ S/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, Frequency: 150 MHz, ConvF(12.95, 12.95, 12.95); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

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

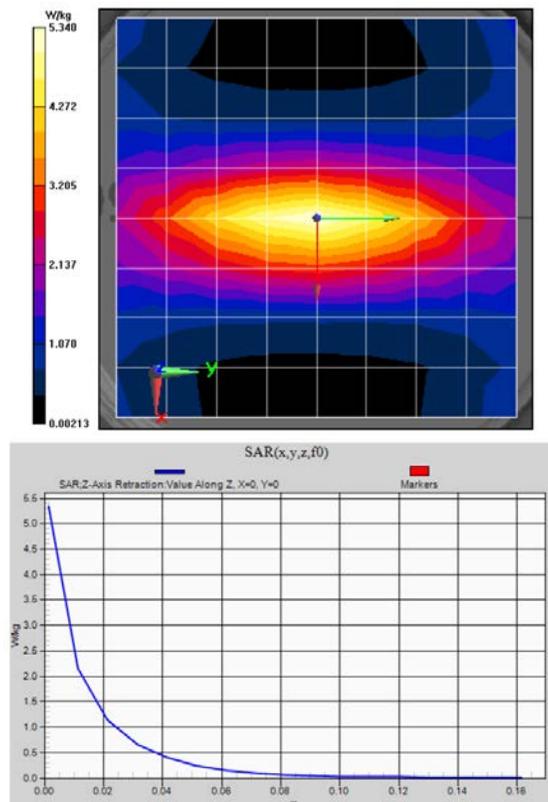
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 86.10 V/m; Power Drift = -0.06 dB
 Fast SAR: SAR(1 g) = 4.64 W/kg; SAR(10 g) = 3.28 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.41 W/kg

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 = 86.10 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 6.62 W/kg
 SAR(1 g) = 3.88 W/kg; SAR(10 g) = 2.51 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 5.38 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) = 5.34 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/14/2016 7:01:38 AM

Robot#: DASY5-PG-3 | Run#: ZWS-SYSP-2450H-160514-01
 Dipole Model# D2450V2
 Phantom#: ELI4 1037
 Tissue Temp: 20.3 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.032 dB
 Adjusted SAR (1W): 51.20 mW/g (1g)

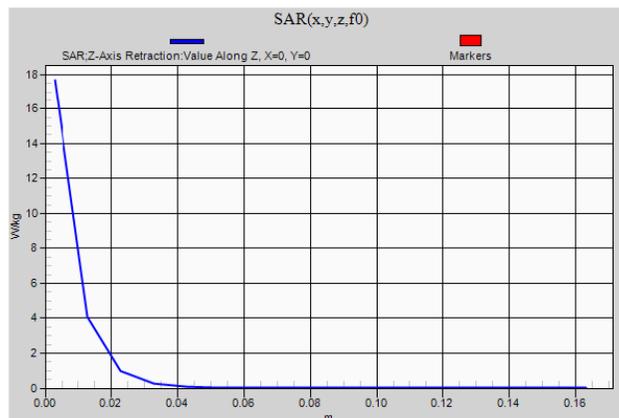
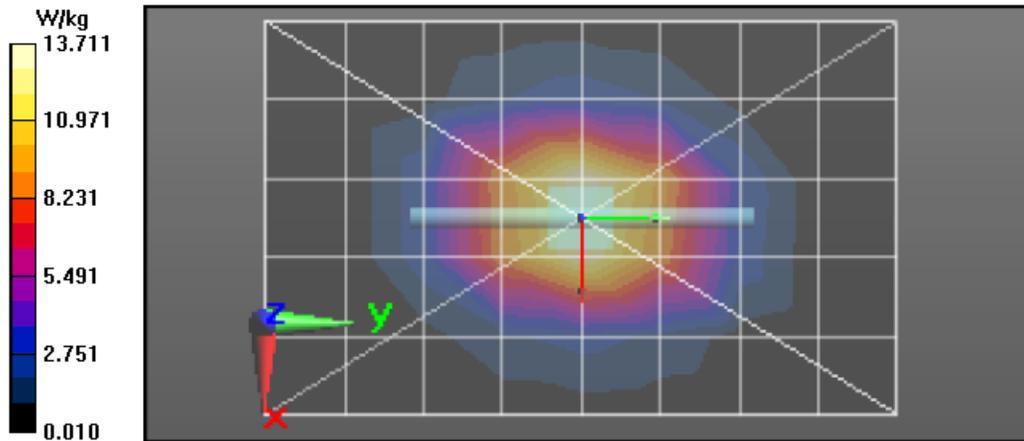
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 35.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3196, Frequency: 2450 MHz, ConvF(4.54, 4.54, 4.54); Calibrated: 11/17/2015
 Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

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 = 100.7 V/m; Power Drift = -0.02 dB
 Fast SAR: SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.31 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 18.5 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 = 100.7 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 28.2 W/kg
 SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.92 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 17.7 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: 5/17/2016 4:14:37 PM

Robot#: DASY5-PG-3 | Run#: FD-SYSP-2450H-160517-09
 Dipole Model# D2450V2
 Phantom#: ELI4 1037
 Tissue Temp: 20.6 (C)
 Serial#: 781
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.051 dB
 Adjusted SAR (1W): 49.60 mW/g (1g)

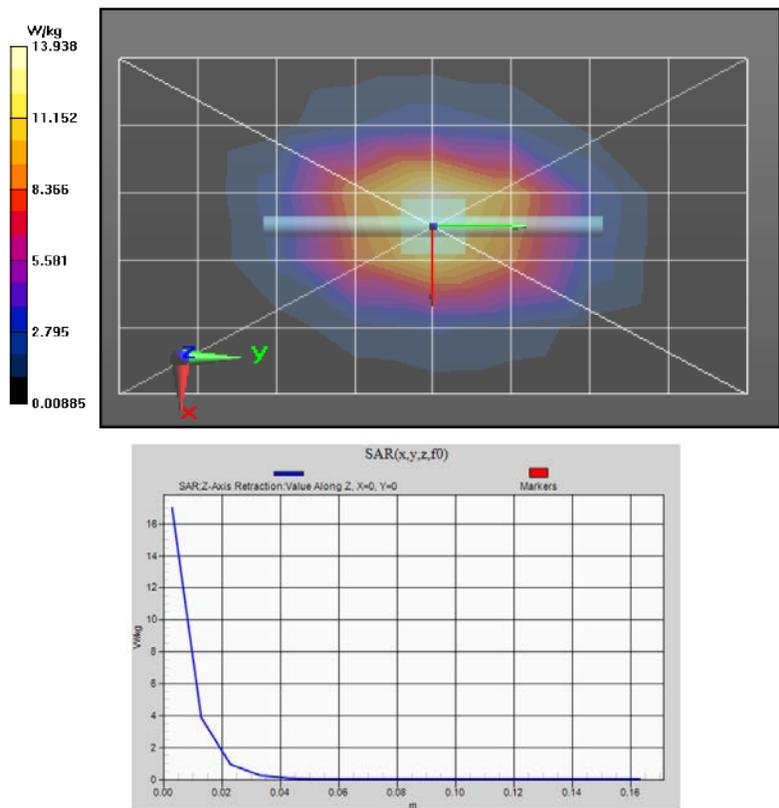
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 36.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3196, , Frequency: 2450 MHz, ConvF(4.54, 4.54, 4.54); Calibrated: 11/17/2015
 Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

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 = 99.12 V/m; Power Drift = -0.08 dB
 Fast SAR: SAR(1 g) = 12.8 W/kg; SAR(10 g) = 6.13 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 17.8 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 = 99.12 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 27.4 W/kg
 SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.73 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 17.1 W/kg

2-3 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 17.0 W/kg



Appendix E DUT Scans

Assessments at the Body with Body Worn HLN6875A
Table 18

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/4/2016 6:21:26 AM

Robot#: DASY5-PG-2 | Run#: FIE-AB-160504-07
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 20.2 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: NNTN7034B
Carry Acc: HLN6875A
Audio Acc: NNTN8203A
Start Power: 6.55 (W)

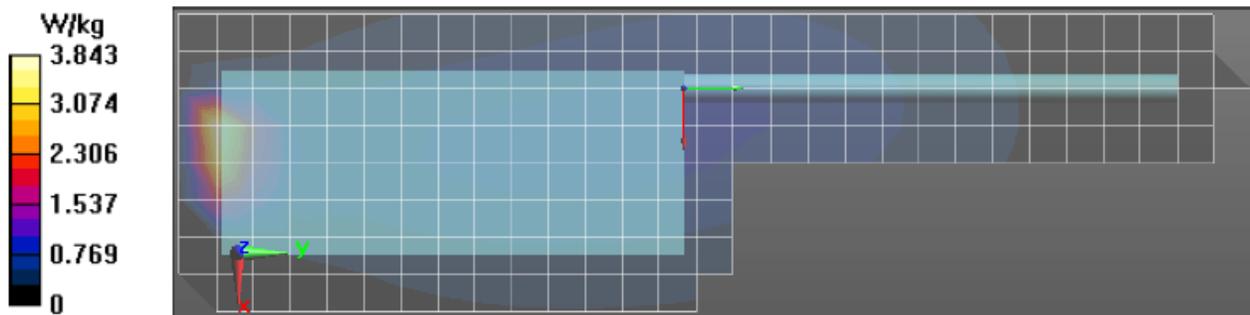
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.79 \text{ S/m}$; $\epsilon_r = 58.5$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 33.83 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 3.19 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.17 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$,
 $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 33.83 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 13.1 W/kg
SAR(1 g) = 3.23 W/kg; SAR(10 g) = 1.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.43 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) = 0.789 W/kg



Assessments at the Body with Body Worn PMLN6802A

Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/4/2016 6:09:25 PM

Robot#: DASY5-PG-2 | Run#: TLC-AB-160504-19
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 20.9 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: PMNN4403B
Carry Acc: PMLN6802A
Audio Acc: NNTN8203A
Start Power: 6.54 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

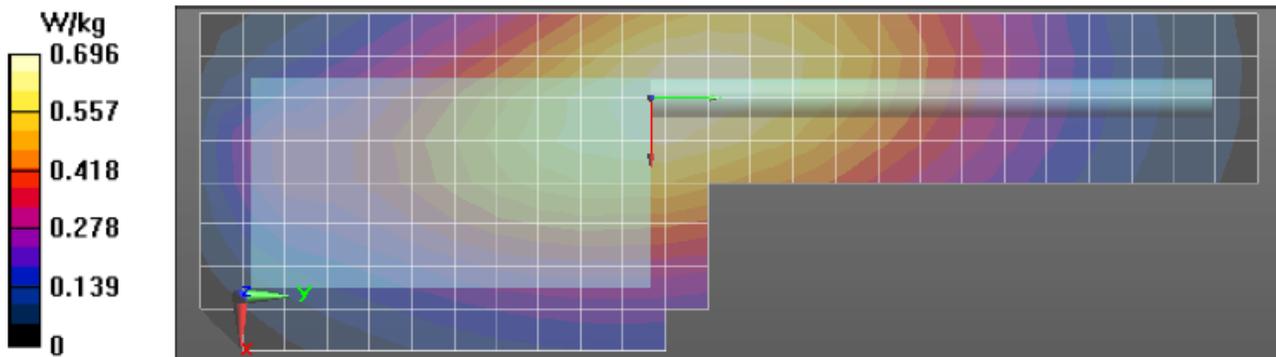
Reference Value = 30.48 V/m; Power Drift = -0.66 dB
Fast SAR: SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.467 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.698 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=7.5mm,

dy=7.5mm, dz=5mm
Reference Value = 30.48 V/m; Power Drift = -0.93 dB
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.438 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.646 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) = 0.618 W/kg



Assessments at the Body with Body Worn PMLN5657B w/ RLN6487A & RLN6488A
Table 20

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/5/2016 5:56:54 AM

Robot#: DASY5-PG-2 | Run#: FIE-AB-160505-07
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 20.2 (C)
Serial#: 756TSF2666
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: PMNN4403B
Carry Acc: PMLN5657B w/ RLN6487A & RLN6488A
Audio Acc: NNTN8203A
Start Power: 6.60 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

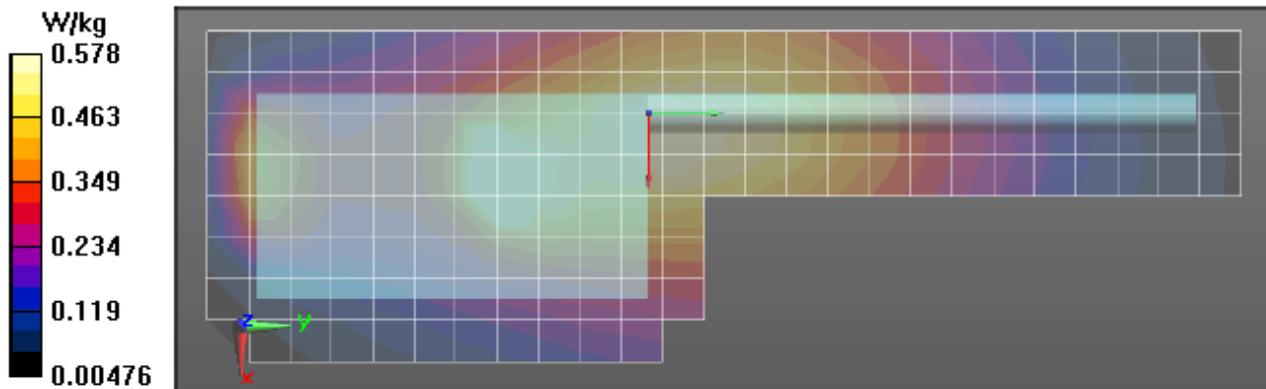
Reference Value = 29.17 V/m; Power Drift = -0.58 dB
Fast SAR: SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.517 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.980 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.17 V/m; Power Drift = -0.84 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.419 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.66 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) = 0.578 W/kg



Assessments at the Body with Body Worn PMLN5658B w/ RLN6487A & RLN6488A
Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/5/2016 2:24:35 PM

Robot#: DASY5-PG-2 | Run#: TLC-AB-160505-16
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 20.6 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN5658B w/ RLN6487A & RLN6488A
Audio Acc: NNTN8203A
Start Power: 6.55 (W)

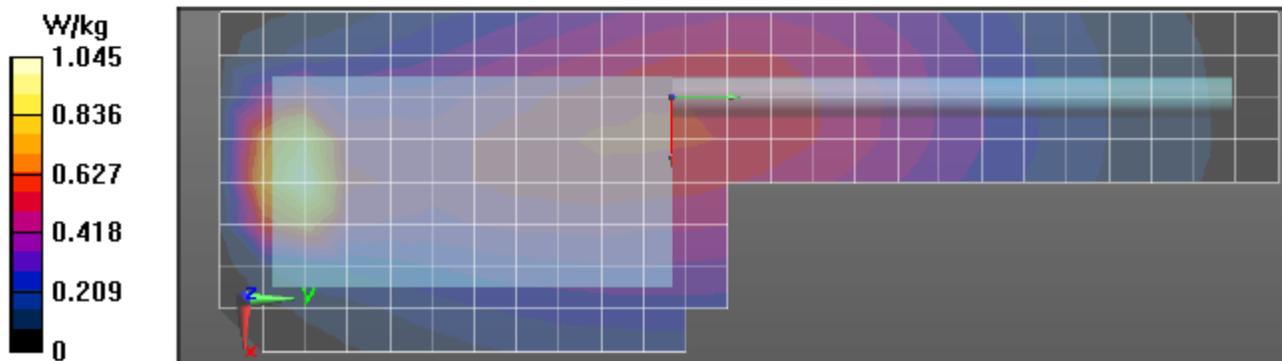
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 26.86 V/m; Power Drift = -0.42 dB
Fast SAR: SAR(1 g) = 1 W/kg; SAR(10 g) = 0.692 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.24 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 = 26.86 V/m; Power Drift = -0.66 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.444 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.35 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) = 0.509 W/kg



Assessments at the Body with Body Worn PMLN5659B w/ RLN6487A & RLN6488A
Table 22

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/5/2016 6:21:54 PM

Robot#: DASY5-PG-2 | Run#: TLC-AB-160505-21
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 20.4 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: PMNN4494A
Carry Acc: PMLN5659B w/ RLN6487A & RLN6488A
Audio Acc: NNTN8203A
Start Power: 6.60 (W)

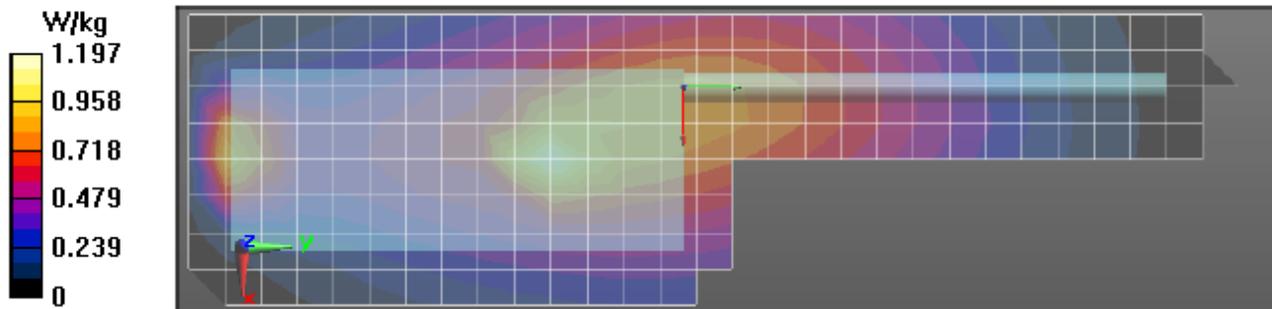
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.7$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 33.05 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 1 W/kg; SAR(10 g) = 0.713 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.21 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 = 33.05 V/m; Power Drift = -0.56 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.640 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.50 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) = 0.795 W/kg



Assessments at the Body with Body Worn PMLN5660B w/ RLN6487A & RLN6488A
Table 23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/6/2016 5:40:39 AM

Robot#: DASY5-PG-2 | Run#: FIE-AB-160506-07
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 20.1 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: NNTN7037A
Carry Acc: PMLN5660B w/ RLN6487A & RLN6488A
Audio Acc: NNTN8203A
Start Power: 6.60 (W)

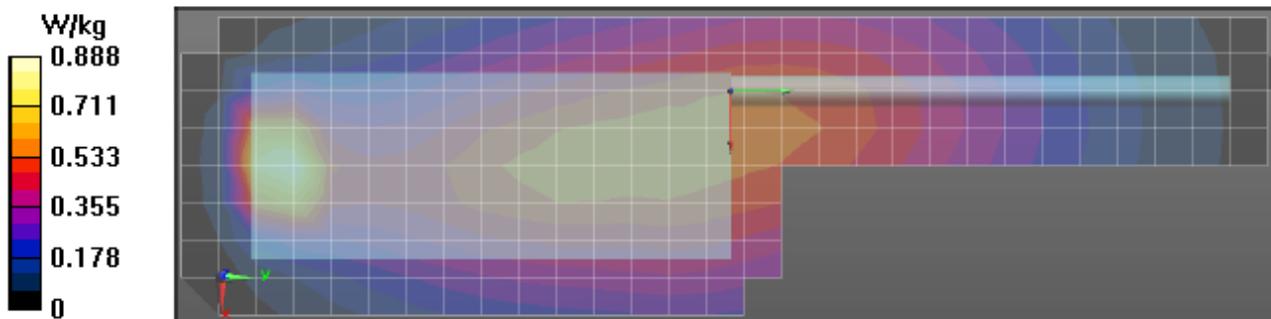
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.7$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 27.30 V/m; Power Drift = -0.65 dB
Fast SAR: SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.563 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 (6x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$,
 $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 27.30 V/m; Power Drift = -0.83 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.385 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.14 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) = 0.501 W/kg



Assessments at the Body with Body Worn PMLN5709A w/ HLN6875A
Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/11/2016 4:17:51 AM

Robot#: DASY5-PG-2 | Run#: TLC-AB-160511-08
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 19.9 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: NNTN7034B
Carry Acc: PMLN5709A w/ HLN6875A
Audio Acc: NNTN8203A
Start Power: 6.60 (W)

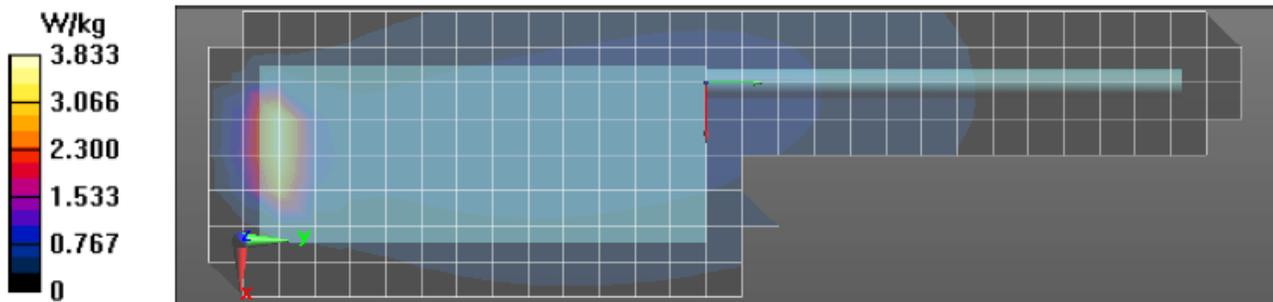
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.79 \text{ S/m}$; $\epsilon_r = 59.2$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 30.18 V/m; Power Drift = -0.48 dB
Fast SAR: SAR(1 g) = 3.21 W/kg; SAR(10 g) = 1.98 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.44 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 = 30.18 V/m; Power Drift = -0.58 dB
Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 2.9 W/kg; SAR(10 g) = 1.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.94 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) = 0.635 W/kg



Assessments at the Body with Body Worn PMLN5659B w/ AY000223A01
Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/6/2016 6:24:03 PM

Robot#: DASY5-PG-2 | Run#: FIE-AB-160506-14
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 20.3 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 167.7500 (MHz)
Battery: NNTN8921A
Carry Acc: PMLN5659B w/AY000223A01
Audio Acc: NNTN8203A
Start Power: 6.52 (W)

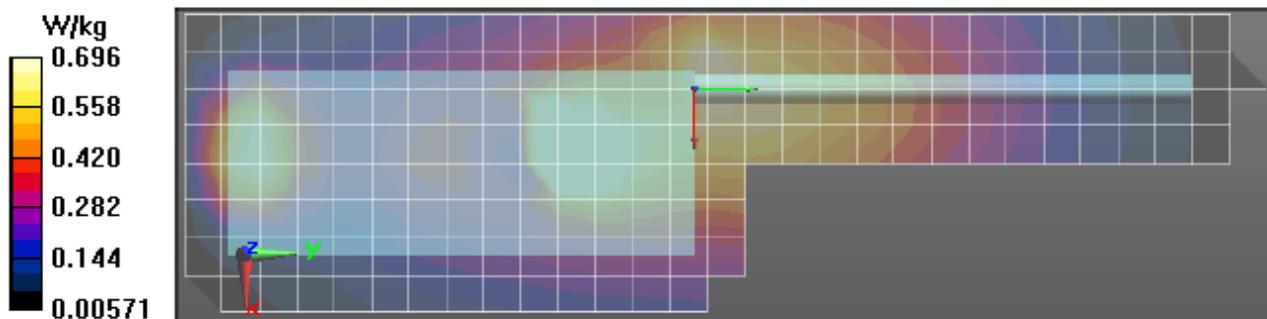
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168$ MHz; $\sigma = 0.82$ S/m; $\epsilon_r = 58.9$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 31.37 V/m; Power Drift = -0.49 dB
Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.806 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.72 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 = 31.37 V/m; Power Drift = -0.60 dB
Peak SAR (extrapolated) = 4.02 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.604 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.88 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) = 0.696 W/kg



Assessment at the Body with Body worn PMLN5659B w/ NTN5243A

Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/7/2016 12:13:48 AM

Robot#: DASY5-PG-2 | Run#: FIE-AB-160507-01
 Model#: H98KGD9PW5BN (PMUD3372A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.5 (C)
 Serial#: 756TSF2656
 Antenna: NAR6593A
 Test Freq: 167.7500 (MHz)
 Battery: NNTN8921A
 Carry Acc: PMLN5659B w/NTN5243A
 Audio Acc: NNTN8203A
 Start Power: 6.60 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

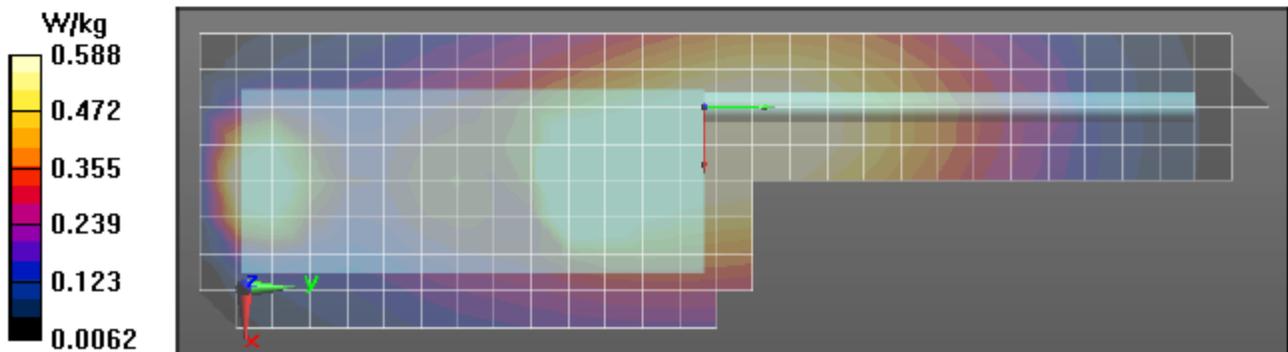
Reference Value = 28.64 V/m; Power Drift = -0.51 dB
 Fast SAR: SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.842 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.85 W/kg

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 = 28.64 V/m; Power Drift = -0.60 dB
 Peak SAR (extrapolated) = 4.20 W/kg
 SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.657 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 2.18 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) = 0.588 W/kg



Assessment of wireless BT configuration
Table 27

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/7/2016 11:19:53 AM

Robot#: DASY5-PG-2 | Run#: TLC-AB-160507-11
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 21.0 (C)
Serial#: 756TSF2661
Antenna: NAR6593A
Test Freq: 167.7500(MHz)
Battery: NNTN7034B
Carry Acc: HLN6875A
Audio Acc: None
Start Power: 6.60 (W)

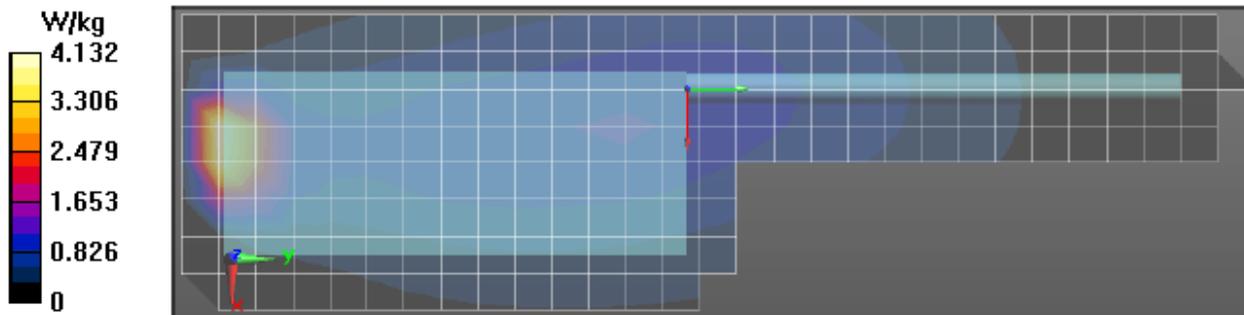
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 37.19 V/m; Power Drift = -0.51 dB
Fast SAR: SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.08 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 = 37.19 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 13.4 W/kg
SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.06 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) = 0.988 W/kg



Assessment at the Body for WLAN 802.11 b/g/n
Table 29

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/12/2016 3:02:46 PM

Robot#: DASY5-PG-3 | Run#: ZR-AB-160512-07
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: OVAL 1090
Tissue Temp: 19.9 (C)
Serial#: 756TSF2661
Antenna: 84009370002 WiFi Ant
Test Freq: 2412.000 (MHz)
Battery: PMNN4403B
Carry Acc: PMLN5709A w/ HLN6875A
Audio Acc: None
Start Power: 0.0584 (W)

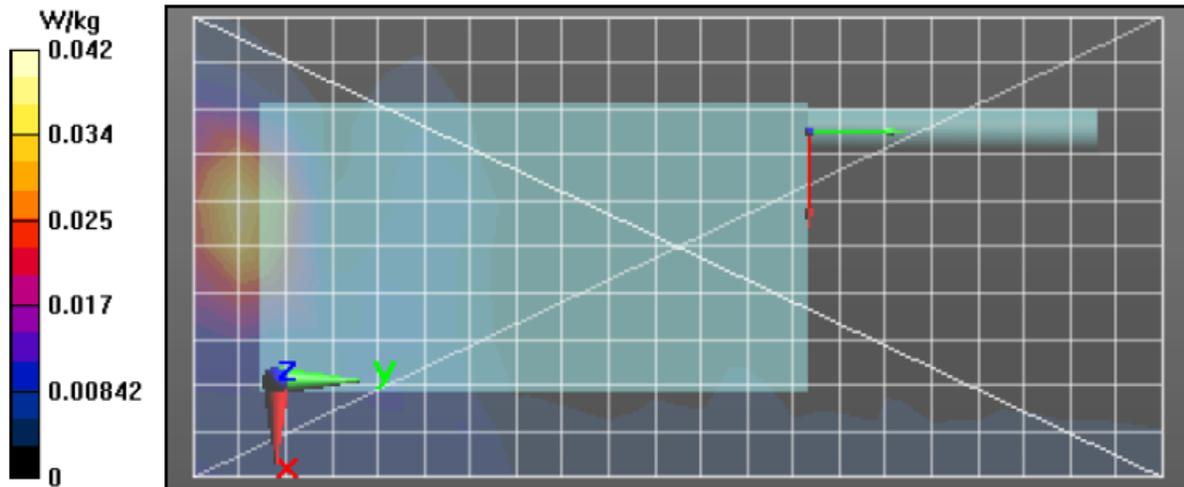
Comments:

Duty Cycle: 1:1.53815, Medium parameters used: $f = 2412$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 48$; $\rho = 1000$ kg/m³
Probe: ES3DV3 - SN3196, , Frequency: 2412 MHz, ConvF(4.43, 4.43, 4.43); Calibrated: 11/17/2015
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (101x211x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.305 V/m; Power Drift = -1.05 dB
Fast SAR: SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.018 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0454 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 = 2.305 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0427 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) = 0.0421 W/kg



Assessment at the Face (Front of DUT)
Table 31

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 3:32:10 PM

Robot#: DASY5-PG-2 | Run#: MO-FACE-160510-18
Model#: H98KGGH9PW7BN (PMUD3374A)
Phantom#: ELI4 1050
Tissue Temp: 20.2 (C)
Serial#: 756TSF2634
Antenna: NAR6593A
Test Freq: 167.750 (MHz)
Battery: PMNN4485A
Carry Acc: @ front
Audio Acc: None
Start Power: 6.54 (W)

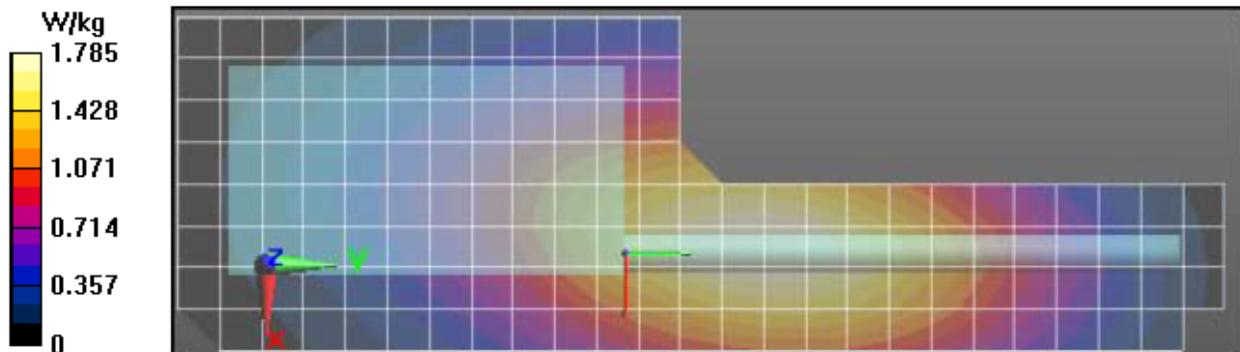
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 50.1$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.95, 12.95, 12.95); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$,
 $dy=1.500 \text{ mm}$
Reference Value = 45.00 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 1.6 W/kg; SAR(10 g) = 1.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.83 W/kg

Below 2 GHz-Rev.2/FACE 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 = 45.00 V/m; Power Drift = -0.59 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.44 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.66 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) = 1.31 W/kg



Assessment at the Face (Back of DUT)
Table 32

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 5/10/2016 12:52:40 AM

Robot#: DASY5-PG-2 | Run#: TLC-FACE-160510-02
 Model#: H98KGD9PW5BN (PMUD3372A)
 Phantom#: ELI4 1050
 Tissue Temp: 20.3 (C)
 Serial#: 756TSF2656
 Antenna: NAR6593A
 Test Freq: 167.7500 (MHz)
 Battery: PMNN4485A
 Carry Acc: @ back
 Audio Acc: None
 Start Power: 6.60 (W)

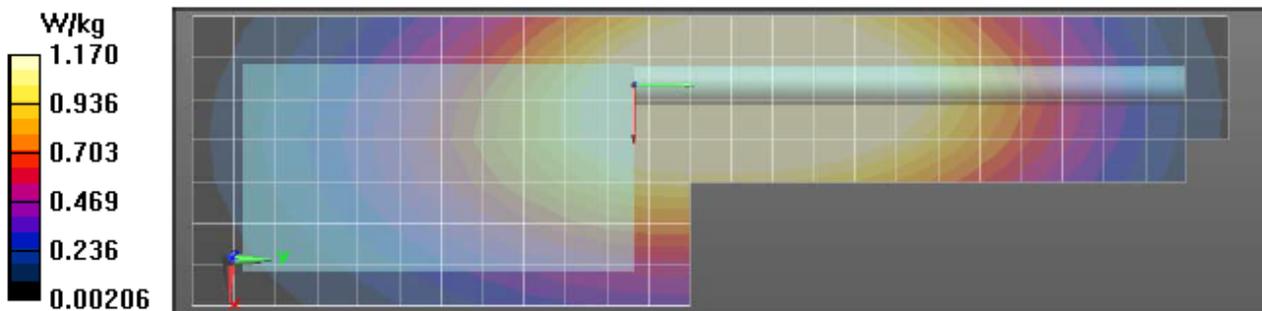
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.77 \text{ S/m}$; $\epsilon_r = 50.2$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, , Frequency: 167.75 MHz, ConvF(12.95, 12.95, 12.95); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 41.66 V/m; Power Drift = -0.35 dB
 Fast SAR: SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.991 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.48 W/kg

Below 2 GHz-Rev.2/FACE 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 = 41.66 V/m; Power Drift = -0.59 dB
 Peak SAR (extrapolated) = 1.58 W/kg
 SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.922 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.38 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) = 1.17 W/kg



Assessment at the Face for WLAN 802.11 b/g/n
Table 34

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/14/2016 4:27:35 PM

Robot#: DASY5-PG-3 | Run#: ZR-FACE-160514-12
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1037
Tissue Temp: 19.6 (C)
Serial#: 756TSF2661
Antenna: 84009370002 WiFi Ant
Test Freq: 2412.000 (MHz)
Battery: PMNN4485A
Carry Acc: Radio front @ 2.5 cm
Audio Acc: None
Start Power: 0.0574 (W)

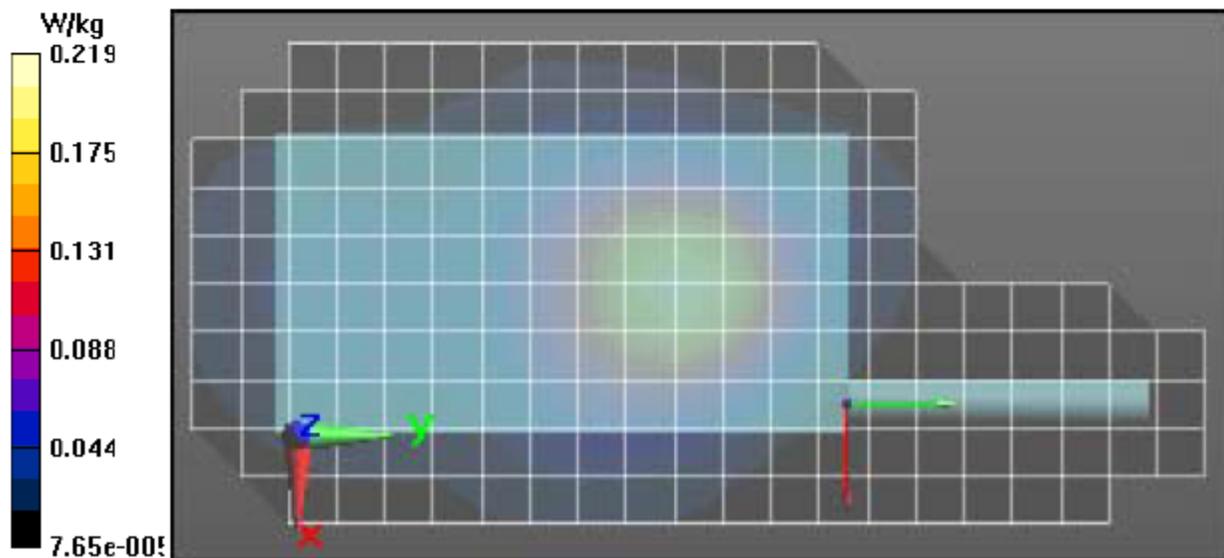
Comments:

Duty Cycle: 1:1.53815, Medium parameters used: f= 2412 MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 35.8$; $\rho = 1000$ kg/m³
Probe: ES3DV3 - SN3196, , Frequency: 2412 MHz, ConvF(4.54, 4.54, 4.54); Calibrated: 11/17/2015
Electronics: DAE4 Sn1294, Calibrated: 1/6/2016

2-3 GHz-Rev.2/Face Scan/1-Area Scan (101x261x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 8.149 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.098 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.205 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.149 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.101 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.219 W/kg

2-3 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm



Assessments at the Body for Industry Canada
Table 35

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/7/2016 4:38:28 AM

Robot#: DASY5-PG-2 | Run#: FIE-AB-160507-06
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1103
Tissue Temp: 21.2 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 139.7000 (MHz)
Battery: NNTN7034B
Carry Acc: HLN6875A
Audio Acc: None
Start Power: 6.60 (W)

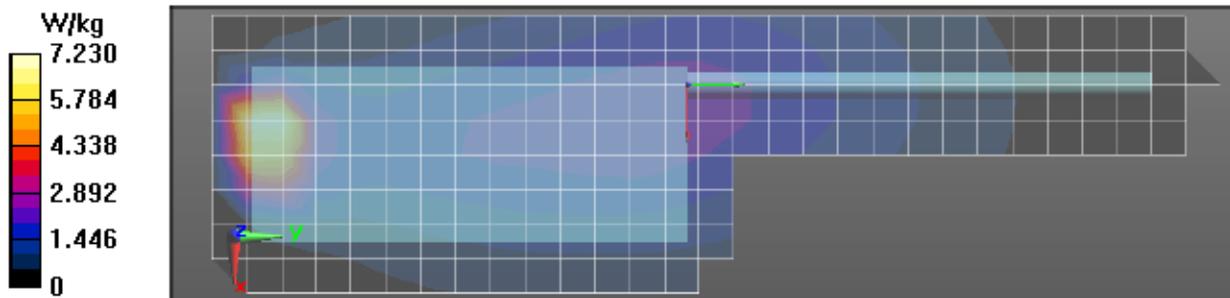
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 140$ MHz; $\sigma = 0.8$ S/m; $\epsilon_r = 59.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 139.7 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 52.57 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 6.92 W/kg; SAR(10 g) = 4.76 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.4 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 = 52.57 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 34.9 W/kg
SAR(1 g) = 9.12 W/kg; SAR(10 g) = 3.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 18.5 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.15 W/kg



Assessments at the Face for Industry Canada
Table 35

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 3:53:31 AM

Robot#: DASY5-PG-2 | Run#: TLC-FACE-160510-07
Model#: H98KGD9PW5BN (PMUD3372A)
Phantom#: ELI4 1050
Tissue Temp: 20.5 (C)
Serial#: 756TSF2656
Antenna: NAR6593A
Test Freq: 139.7000 (MHz)
Battery: PMNN4485A
Carry Acc: @ front
Audio Acc: None
Start Power: 6.60 (W)

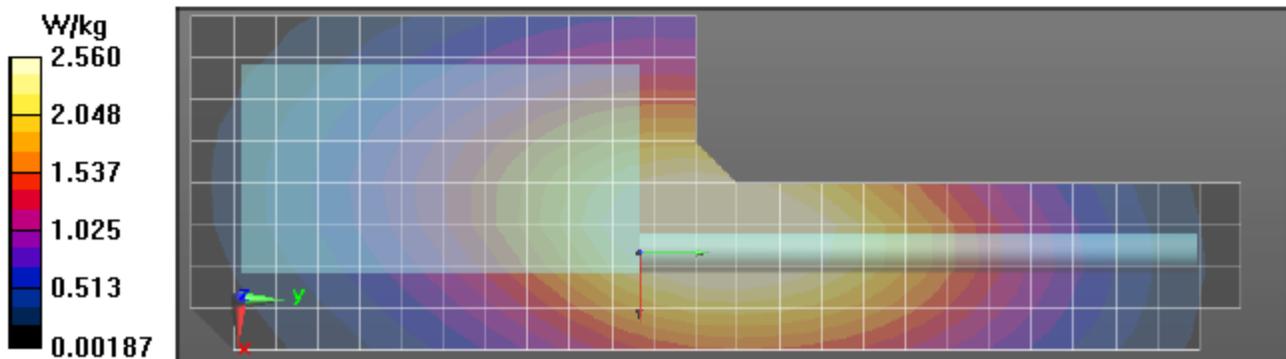
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 140$ MHz; $\sigma = 0.75$ S/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 139.7 MHz, ConvF(12.95, 12.95, 12.95); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 58.43 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.85 W/kg

Below 2 GHz-Rev.2/FACE Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.43 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.26 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)

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) = 2.56 W/kg



Assessments at the Body for Outside Part 90
Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/7/2016 3:47:46 AM

Robot#: DASY5-PG-2 | Run#: FIE-AB-160507-05
 Model#: H98KGD9PW5BN (PMUD3372A)
 Phantom#: ELI4 1103
 Tissue Temp: 21.4 (C)
 Serial#: 756TSF2656
 Antenna: NAR6593A
 Test Freq: 136.0000 (MHz)
 Battery: NNTN7034B
 Carry Acc: HLN6875A
 Audio Acc: None
 Start Power: 6.57 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 136 \text{ MHz}$; $\sigma = 0.8 \text{ S/m}$; $\epsilon_r = 59.6$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, , Frequency: 136 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

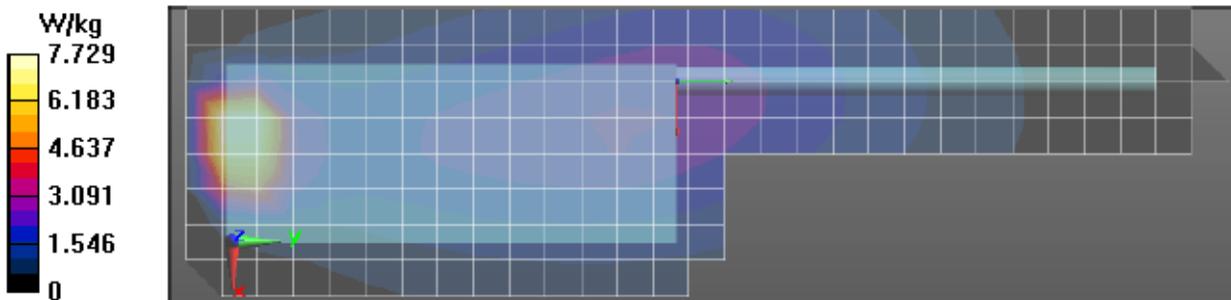
Reference Value = 56.11 V/m; Power Drift = -0.15 dB
 Fast SAR: SAR(1 g) = 7.69 W/kg; SAR(10 g) = 5.4 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 12.4 W/kg

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 = 56.11 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 36.0 W/kg
 SAR(1 g) = 9.78 W/kg; SAR(10 g) = 4.07 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 20.1 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) = 2.42 W/kg



Assessments at the Face for Outside Part 90
Table 36

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 5:40:57 PM

Robot#: DASY5-PG-2 | Run#: MO-FACE-160510-21
Model#: H98KGH9PW7BN (PMUD3374A)
Phantom#: ELI4 1050
Tissue Temp: 20.2 (C)
Serial#: 756TSF2634
Antenna: NAR6593A
Test Freq: 136.000 (MHz)
Battery: PMNN4485A
Carry Acc: @ front
Audio Acc: None
Start Power: 6.60 (W)

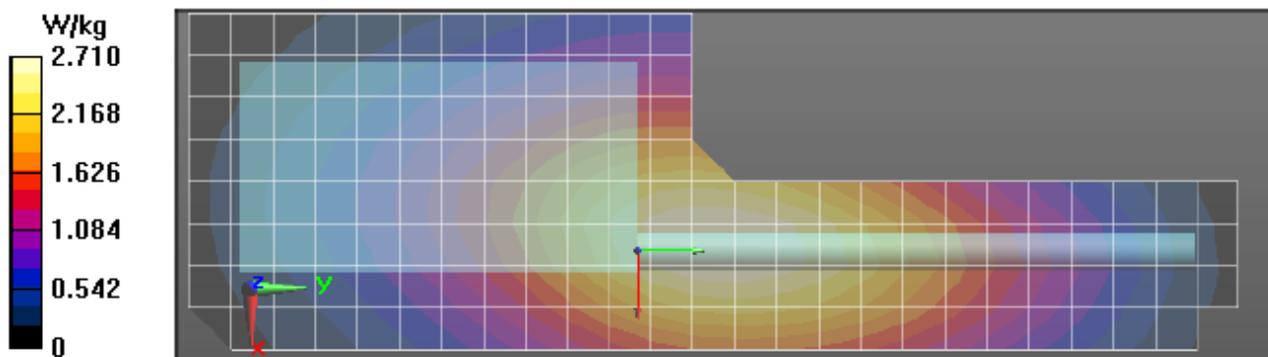
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 136$ MHz; $\sigma = 0.71$ S/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 136 MHz, ConvF(12.95, 12.95, 12.95); Calibrated: 6/23/2015
Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 60.62 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.95 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.77 W/kg

Below 2 GHz-Rev.2/FACE Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.62 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.68 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) = 2.41 W/kg



APPENDIX F Shortened Scan of Highest SAR configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/7/2016 12:04:26 PM

Robot#: DASY5-PG-2 | Run#: TLC-AB-160507-12
 Model#: H98KGD9PW5BN (PMUD3372A)
 Phantom#: ELI4 1103
 Tissue Temp: 21.2 (C)
 Serial#: 756TSF2661
 Antenna: NAR6593A
 Test Freq: 167.7500(MHz)
 Battery: NNTN7034B
 Carry Acc: HLN6875A
 Audio Acc: None
 Start Power: 6.60 (W)

Comments: Shorten scan

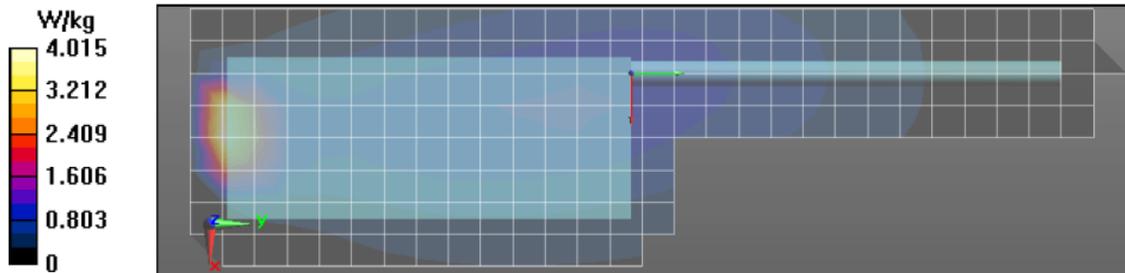
Duty Cycle: 1:1, Medium parameters used: $f = 168 \text{ MHz}$; $\sigma = 0.82 \text{ S/m}$; $\epsilon_r = 58.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7364, Frequency: 167.75 MHz, ConvF(12.28, 12.28, 12.28); Calibrated: 6/23/2015
 Electronics: DAE4 Sn1483, Calibrated: 6/16/2015

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 36.58 V/m; Power Drift = -0.50 dB
Fast SAR: SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.36 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.52 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 = 36.58 V/m; Power Drift = -0.50 dB
Fast SAR: SAR(1 g) = 3.88 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 5.83 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$,
 $dy=7.5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 71.15 V/m; Power Drift = -0.30 dB
 Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 4.54 W/kg; SAR(10 g) = 1.75 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 7.73 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$,
 $dz=10\text{mm}$
 Maximum value of SAR (measured) = 0.996 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	8	2.43	0.94
Full scan (area & zoom)	27	35	2.16	0.94

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