

 MOTOROLA SOLUTIONS	  <p>CERTIFICATE 2518.05</p>
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DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

Motorola Solutions Inc. EME Test Laboratory Motorola Solutions Malaysia Sdn Bhd (Innoplex) Plot 2A, Medan Bayan Lepas, Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.	Date of Report: 7/12/2017 Report Revision: A
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Responsible Engineer:	Saw Sun Hock (EME Engineer)
Report Author:	Saw Sun Hock (EME Engineer)
Date/s Tested:	6/8/2017-6/9/2017, 6/13/2017 - 6/27/2017, 6/30/2017, 7/12/2017
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable – APX 900 450-520MHz 1-5W, 12.5, 20, 25 KHz, Limited Keypad, Display, WIFI APX 900 450-520MHz 1-5W, 12.5, 20, 25 KHz, Full Keypad, Display, WIFI
Test TX mode(s):	CW (PTT), Bluetooth, and WLAN 802.11b/g/n
Max. Power output:	5.60 W (450-520MHz), 10 mW (Bluetooth), 10 mW (Bluetooth LE), 22.4 mW (802.11b), 8.3 mW (802.11g), 12.6 mW (802.11n)
Nominal Power:	5.00 W (450-520MHz), 8.9 mW (Bluetooth), 8.9 mW (Bluetooth LE), 16.6 mW (802.11b), 6.6 mW (802.11g), 10 mW (802.11n)
Tx Frequency Bands:	LMR 450-520 MHz; Bluetooth 2402-2480 MHz; WLAN 2412-2462 MHz
Signaling type:	FM (LMR), FHSS (Bluetooth), 802.11b/g/n (WLAN)
Model(s) Tested:	H92SDH9PW7AN (PMUE5246A), H92SDF9PW6AN (PMUE5245A)
Model(s) Certified:	H92SDH9PW7AN (PMUE5246A), H92SDF9PW6AN (PMUE5245A)
Serial Number(s):	837TTH0498, 837TTH0506, 837TTH0481, 837TTH0483
Classification:	Occupational/Controlled
FCC ID:	AZ489FT7099; LMR 450-512 MHz, Bluetooth 2.402-2.480 GHz, WLAN 802.11 b/g/n 2.412-2.462 GHz
IC:	109U-89FT7099; This report contains results that are immaterial for IC equipment approval, which are clearly identified.
ISED Test Site registration:	109AK

The test results clearly demonstrate compliance with FCC Occupational/Controlled RF Exposure limits of 8 W/kg averaged over 1 gram per the requirements of OET Bulletin 65. The 10 grams result is not applicable to FCC filing. The test results clearly demonstrate compliance with ICNIRP (1998) Guidelines for limiting exposure in time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz), Health Physics 74, 494-522 RF Exposure limits of 10 W/kg averaged over 10grams of contiguous tissue.

Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report. This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory. I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.

 Tiong Nguk Ing Deputy Technical Manager Approval Date: 7/13/2017	
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Appendix E

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/16/2017 8:29:08 AM

Robot#: DASY5-PG-3 | Run#: TLC(FAZ)-SYSP-450B-170616-01
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 21.3 (C)
 Serial#: 1077
 Test Freq: 450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.094 dB
 Adjusted SAR (1W): 4.48 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

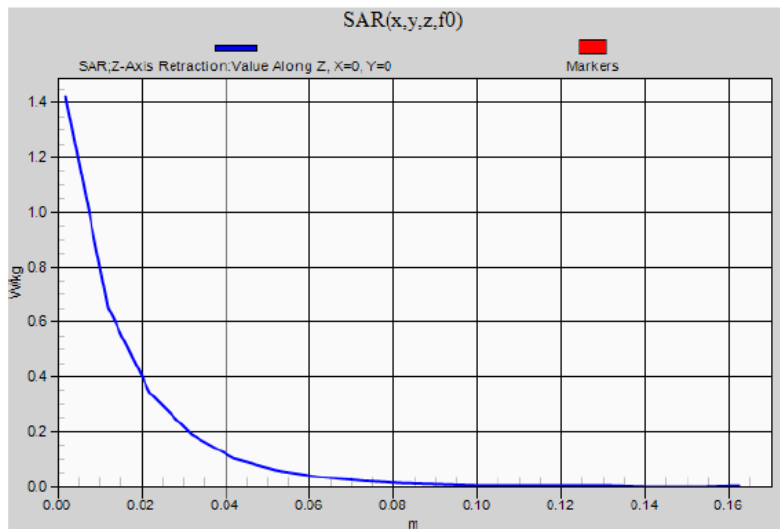
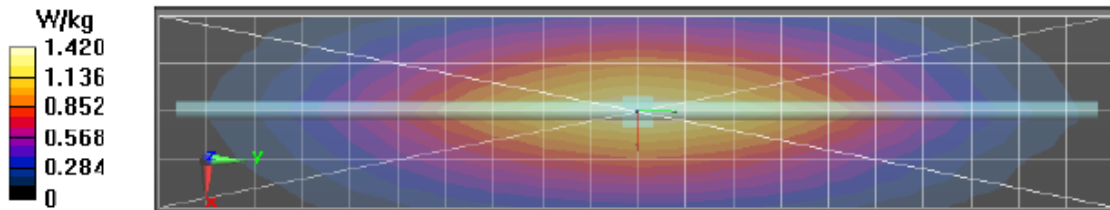
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 39.50 V/m; Power Drift = -0.05 dB
 Fast SAR: SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.811 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.41 W/kg

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 = 39.50 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 1.70 W/kg
 SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.758 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) = 1.42 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2017 7:08:06 AM

Robot#: DASY5-PG-3 | Run#: FIE-SYSP-450B-170617-01
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 21.3 (C)
 Serial#: 1077
 Test Freq: 450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.100 dB
 Adjusted SAR (1W): 4.28 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

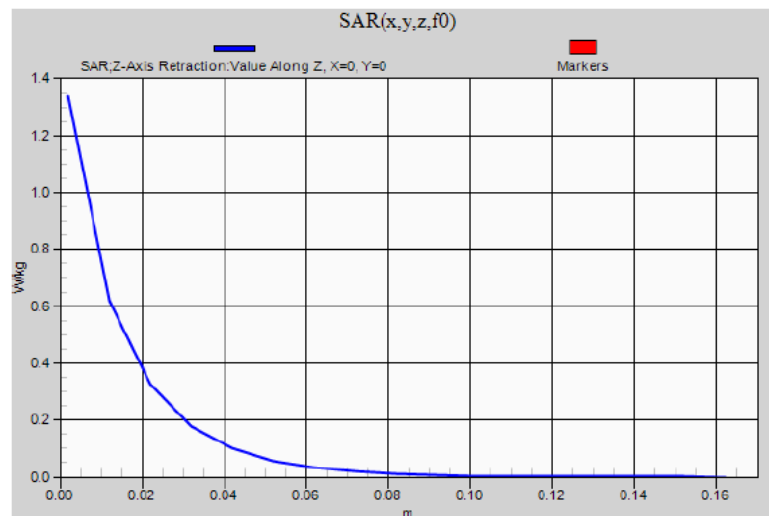
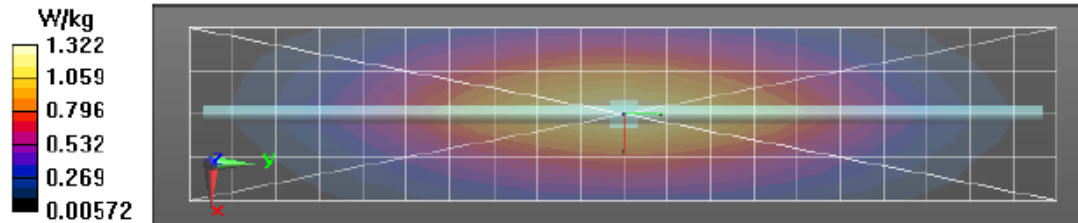
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 38.54 V/m; Power Drift = -0.01 dB
 Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.771 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.33 W/kg

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 = 38.54 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.60 W/kg
 SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.724 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.33 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) = 1.34 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/18/2017 9:45:37 AM

Robot#: DASY5-PG-3 | Run#: FIE-SYSP-450B-170618-01
 Dipole Model# D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 21.7 (C)
 Serial#: 1077
 Test Freq: 450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.097 dB
 Adjusted SAR (1W): 4.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

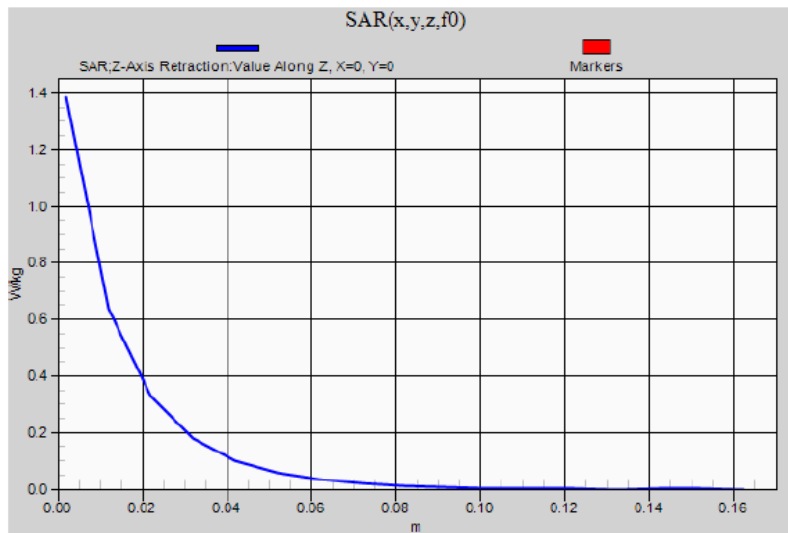
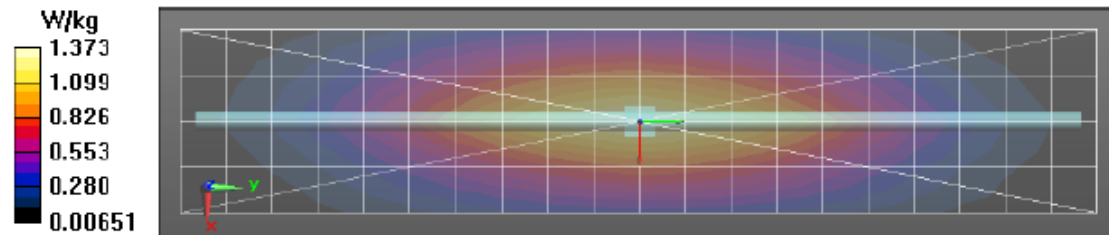
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 38.61 V/m; Power Drift = -0.02 dB
 Fast SAR: SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.779 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.37 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 = 38.61 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.66 W/kg
 SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.728 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.38 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: 6/20/2017 11:15:23 AM

Robot#: DASY5-PG-3 | Run#: FD(AN)-SYSP-450B-170620-12
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 20.9 (C)
 Serial#: 1077
 Test Freq: 450 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.092 dB
 Adjusted SAR (1W): 4.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

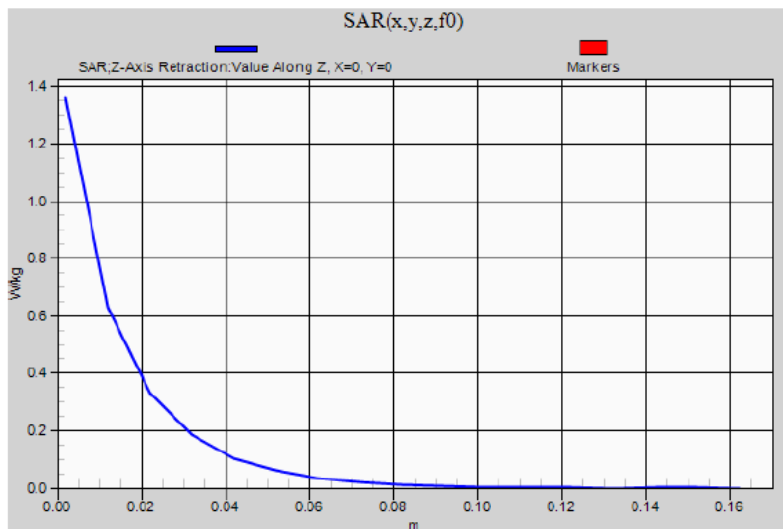
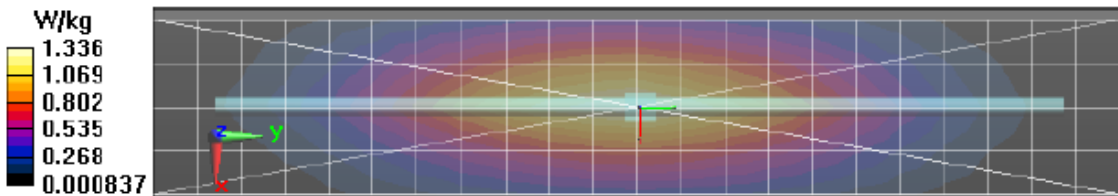
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x221x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 38.76 V/m; Power Drift = -0.02 dB
 Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.775 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.34 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 = 38.76 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.63 W/kg
 SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.729 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.36 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: 6/21/2017 11:25:25 AM

Robot#: DASY5-PG-3 | Run#: FD(AN)-SYSP-450B-170621-12
 Dipole Model# D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 20.3 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.093 dB
 Adjusted SAR (1W): 4.36 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

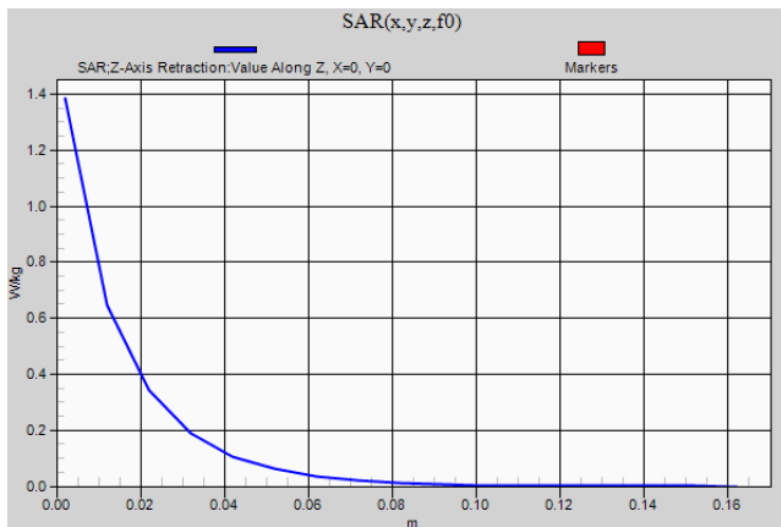
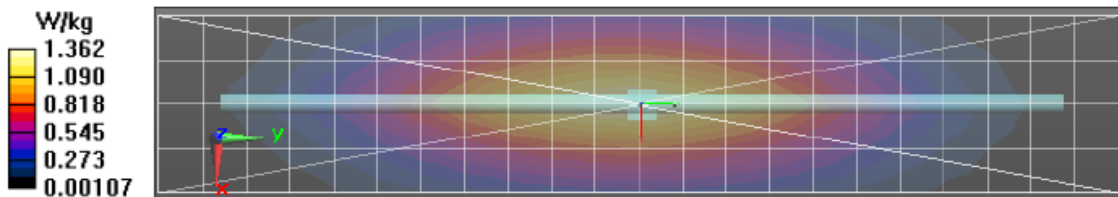
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x221x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 38.89 V/m; Power Drift = -0.02 dB
 Fast SAR: SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.784 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.37 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 = 38.89 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.66 W/kg
 SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.739 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.38 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: 6/22/2017 11:43:04 AM

Robot#: DASY5-PG-3 | Run#: FD(AN)-SYSP-450B-170622-13
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 20.3 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.096 dB
 Adjusted SAR (1W): 4.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

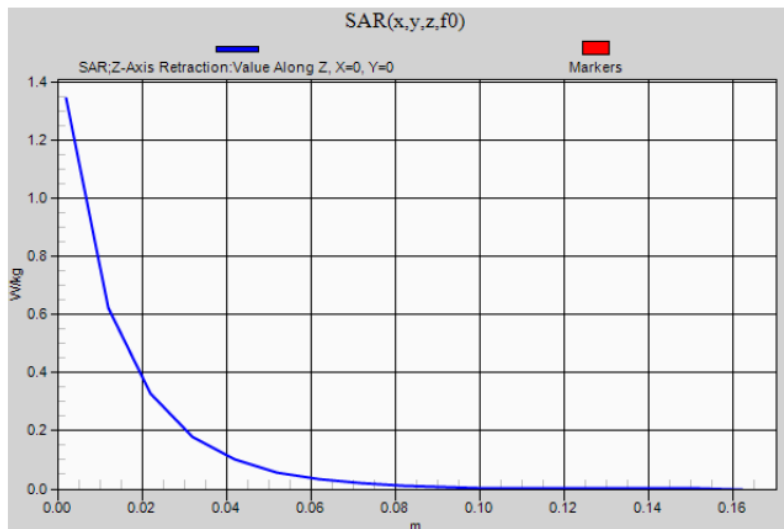
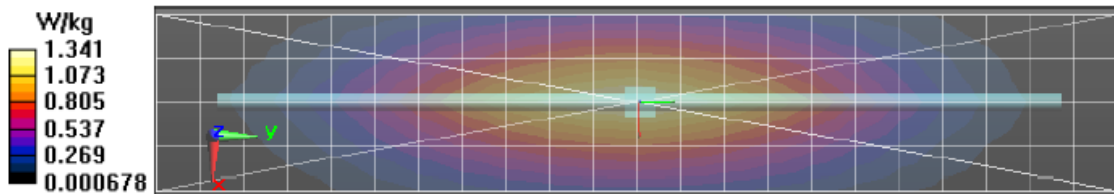
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x221x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 38.63 V/m; Power Drift = -0.00 dB
 Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.773 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.34 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 = 38.63 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 1.62 W/kg
 SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.726 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.35 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: 6/23/2017 9:32:02 PM

Robot#: DASY5-PG-3 | Run#: ZR(HR)-SYSP-450B-170623-13
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 20.3 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.092dB
 Adjusted SAR (1W): 4.28mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

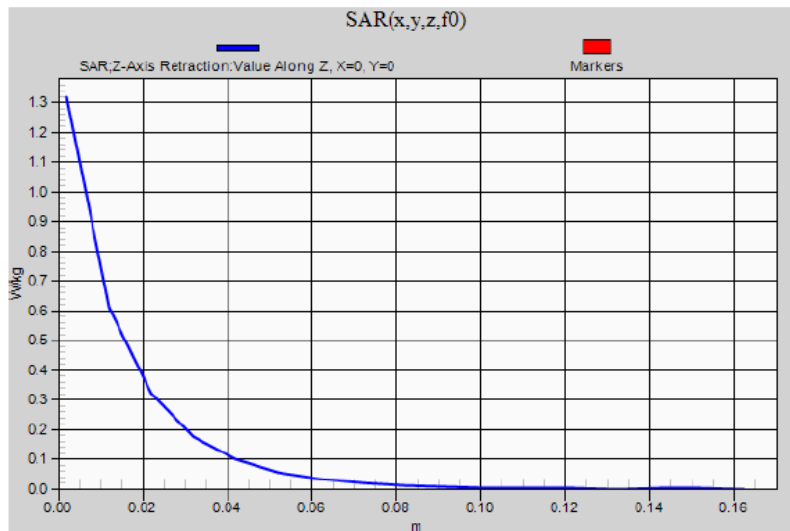
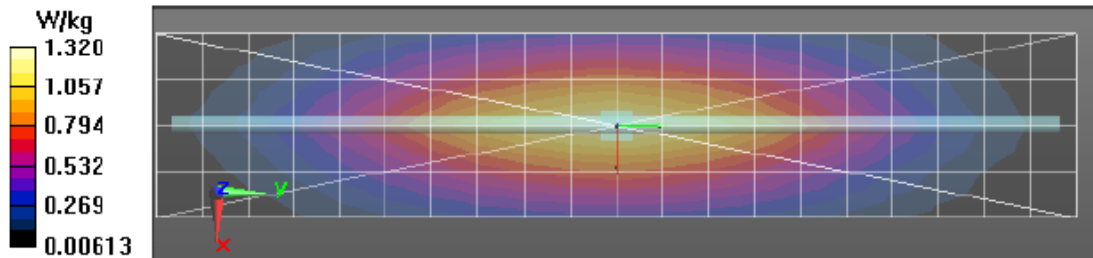
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 38.56 V/m; Power Drift = 0.00 dB
 Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.768 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.32 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 = 38.56 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 1.58 W/kg
 SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.718 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: 6/24/2017 7:44:01 PM

Robot#: DASY5-PG-3 | Run#: KKL-SYSP-450B-170624-23
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 20.5 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.095 dB
 Adjusted SAR (1W): 4.24 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 54.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

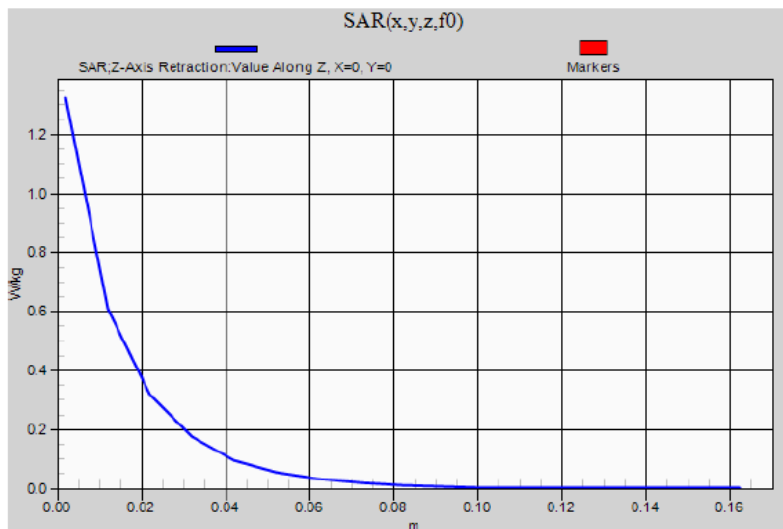
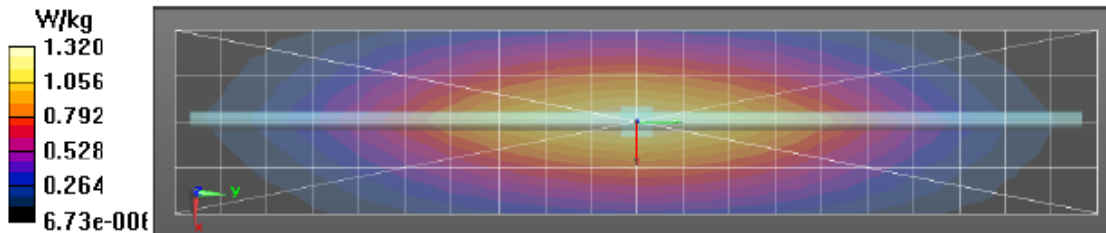
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 38.45 V/m; Power Drift = -0.01 dB
 Fast SAR: SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.764 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.32 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 = 38.45 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.59 W/kg
 SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.713 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: 6/25/2017 8:01:38 PM

Robot#: DASY5-PG-3 | Run#: KKL-SYSP-450B-170625-14
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 20.5 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.094 dB
 Adjusted SAR (1W): 4.28 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 55$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

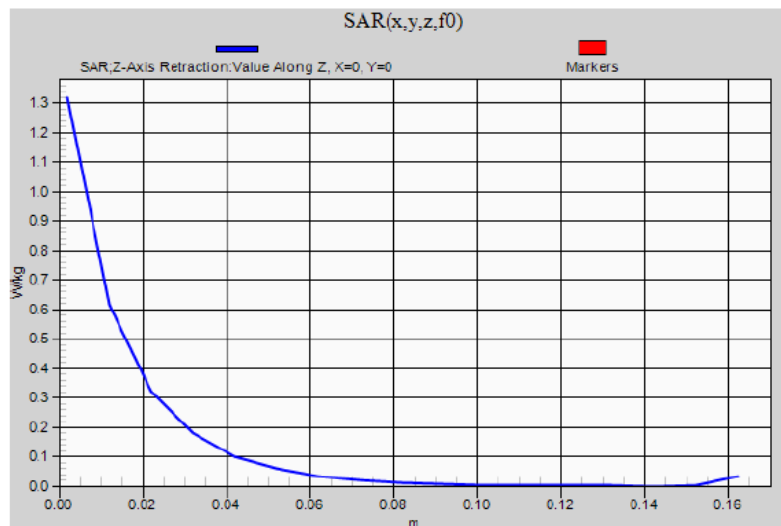
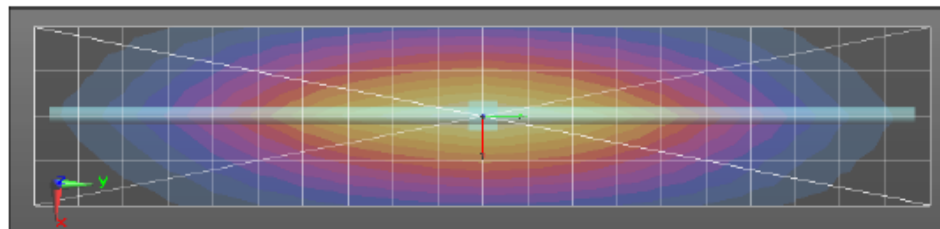
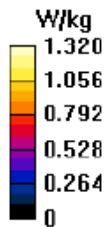
Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 38.31 V/m; Power Drift = -0.03 dB
 Fast SAR: SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.765 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.30 W/kg

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 = 38.31 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.57 W/kg
 SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.722 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.31 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) = 1.32 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/12/2017 2:22:18 PM

Robot#: DASY5-PG-3 | Run#: ZR(AN)-SYSP-450B-170712-08
 Dipole Model# D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 21.9 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (ID): 0.100 dB
 Adjusted SAR (1W): 4.36 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 56.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

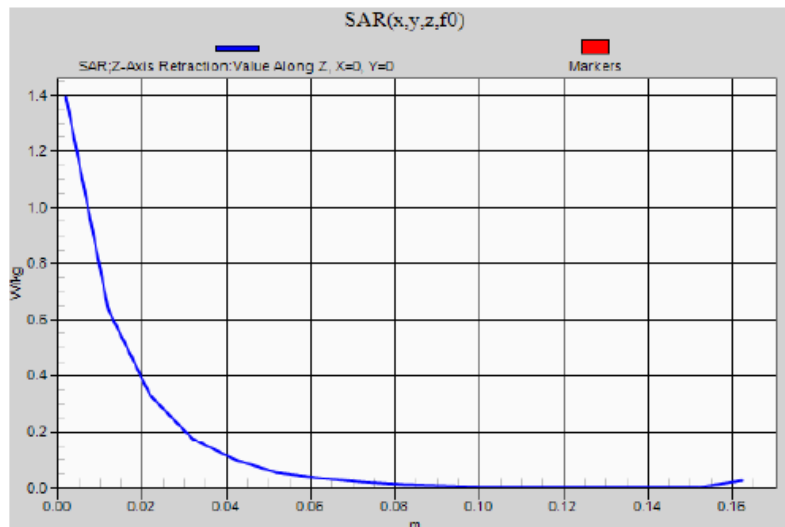
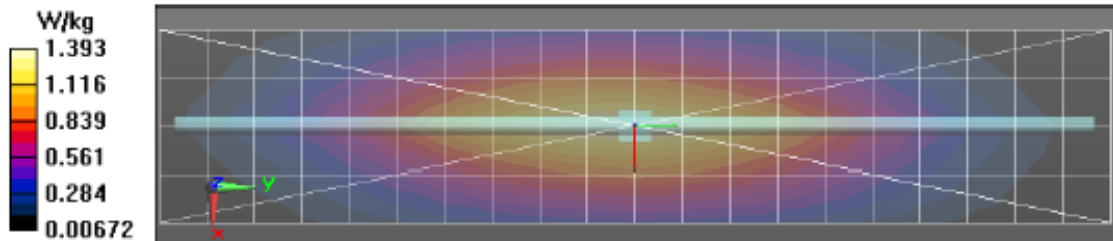
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 39.08 V/m; Power Drift = -0.09 dB
 Fast SAR: SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.795 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.40 W/kg

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 = 39.08 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 1.68 W/kg
 SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.735 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



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Date/Time: 6/26/2017 2:29:00 PM

Robot#: DASY5-PG-3 | Run#: KKL-SYSP-450H-170626-07
 Dipole Model#: D450V3
 Phantom#: ELI4 1109
 Tissue Temp: 21.2 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.097 dB
 Adjusted SAR (1W): 4.16 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.84$ S/m; $\epsilon_r = 43.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.25, 9.25, 9.25); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

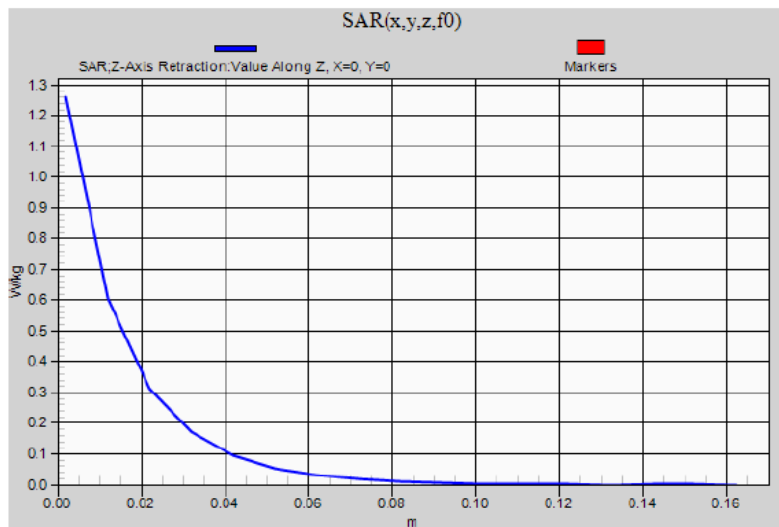
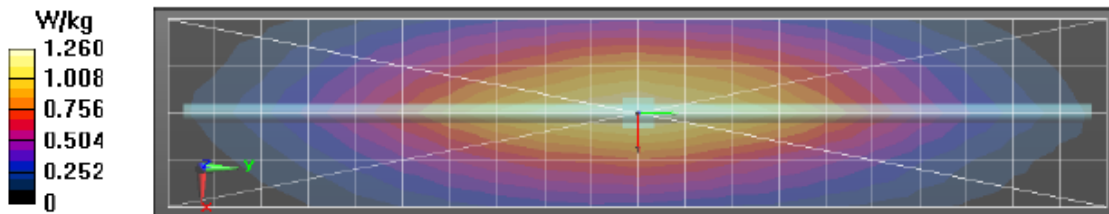
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 39.44 V/m; Power Drift = 0.02 dB
 Fast SAR: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.744 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.26 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 = 39.44 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.46 W/kg
 SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.708 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.26 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: 6/27/2017 3:41:51 PM

Robot#: DASY5-PG-3 | Run#: KKL-SYSP-450H-170627-09
 Dipole Model# D450V3
 Phantom#: ELI4 1109
 Tissue Temp: 20.1 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.095 dB
 Adjusted SAR (1W): 4.24 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.84$ S/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.25, 9.25, 9.25); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

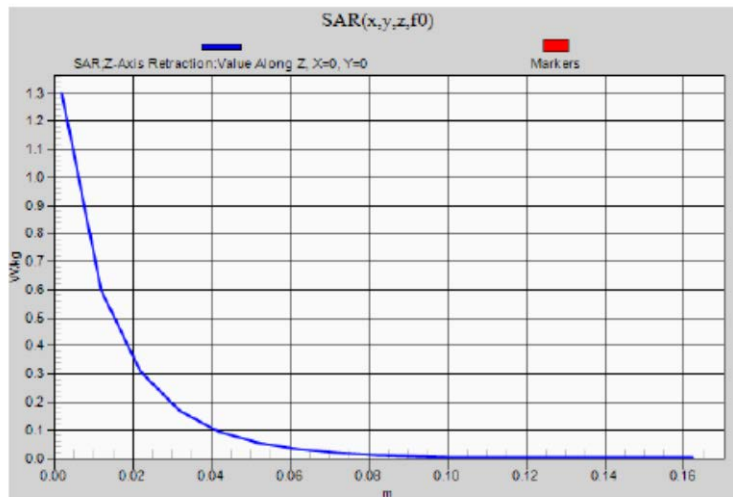
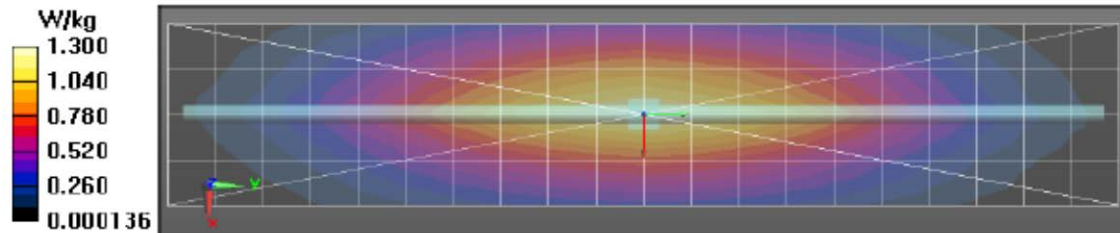
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 39.89 V/m; Power Drift = 0.01 dB
 Fast SAR: SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.758 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.30 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 = 39.89 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 1.56 W/kg
 SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.708 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.30 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: 6/8/2017 6:47:01 AM

Robot#: DASY5-PG-1 | Run#: FD(AN)-SYSP-2450B-170608-01#
 Dipole Model#: D2450V2
 Phantom#: ELI4 1028
 Tissue Temp: 21.1 (C)
 Serial#: 782
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.140 dB
 Adjusted SAR (1W): 54.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2$ S/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, CouvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

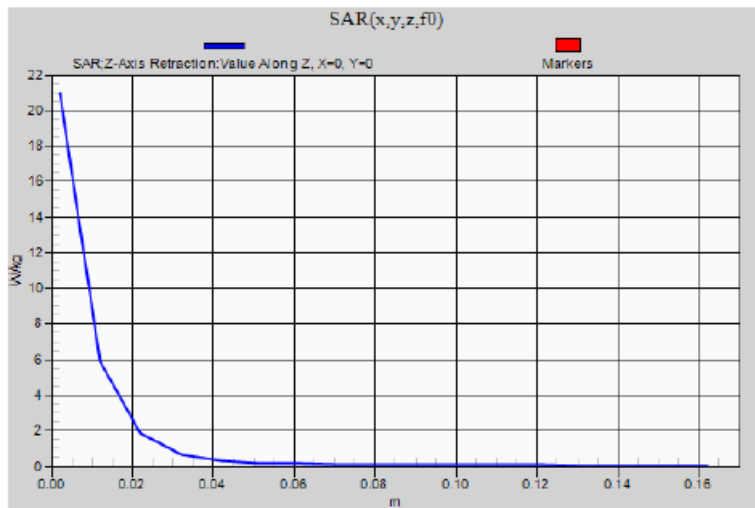
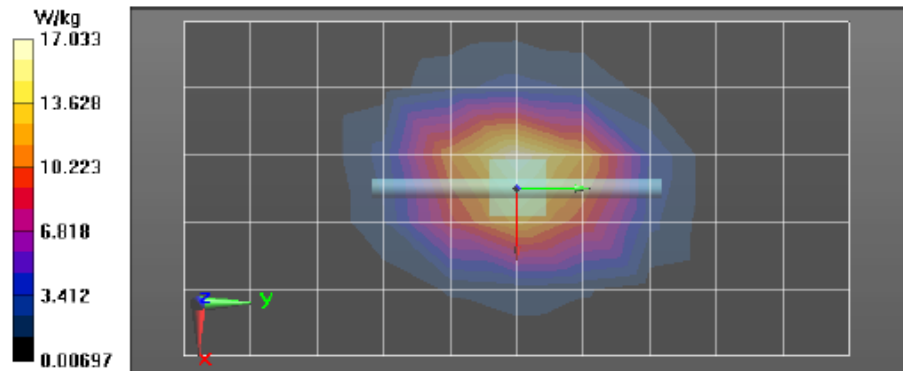
grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 104.6 V/m; Power Drift = -0.06 dB
 Fast SAR: SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.38 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 21.7 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 104.6 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 27.4 W/kg
 SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.44 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 20.8 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) = 20.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/13/2017 3:03:51 PM

Robot#: DASY5-PG-1 | Run#: FD(AN)-SYSP-2450B-170613-08
 Dipole Model#: D2450V2
 Phantom#: ELI4 1028
 Tissue Temp: 21.5 (C)
 Serial#: 782
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.150 dB
 Adjusted SAR (1W): 52.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

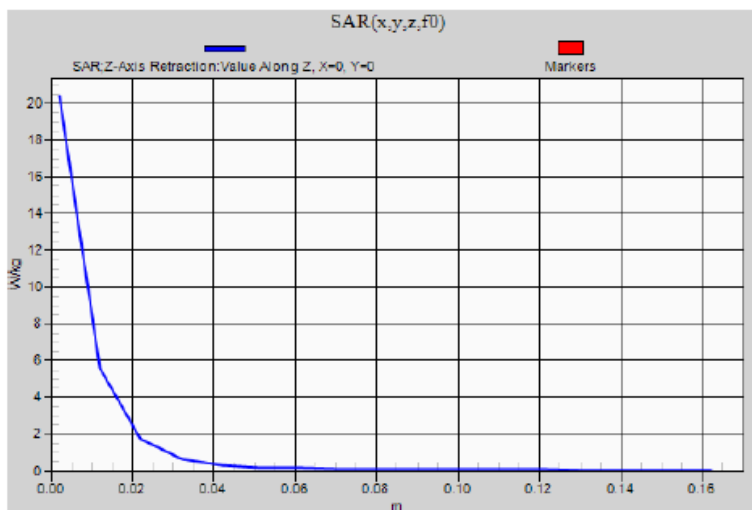
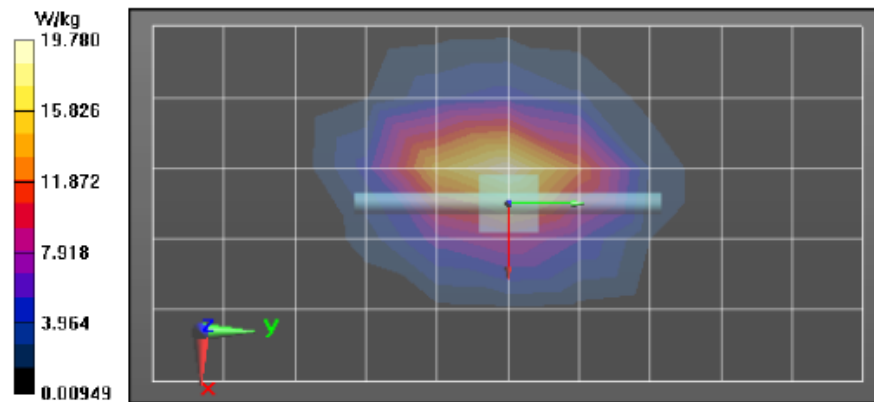
grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 102.1 V/m; Power Drift = -0.08 dB
 Fast SAR: SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.05 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 20.9 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 102.1 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 26.8 W/kg
 SAR(1 g) = 13 W/kg; SAR(10 g) = 6.18 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 20.2 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) = 20.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/14/2017 1:28:33 PM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-2450B-170614-08
 Dipole Model#: D2450V2
 Phantom#: ELI4 1028
 Tissue Temp: 21.8 (C)
 Serial#: 782
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.130 dB
 Adjusted SAR (1W): 55.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ S/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, CouvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

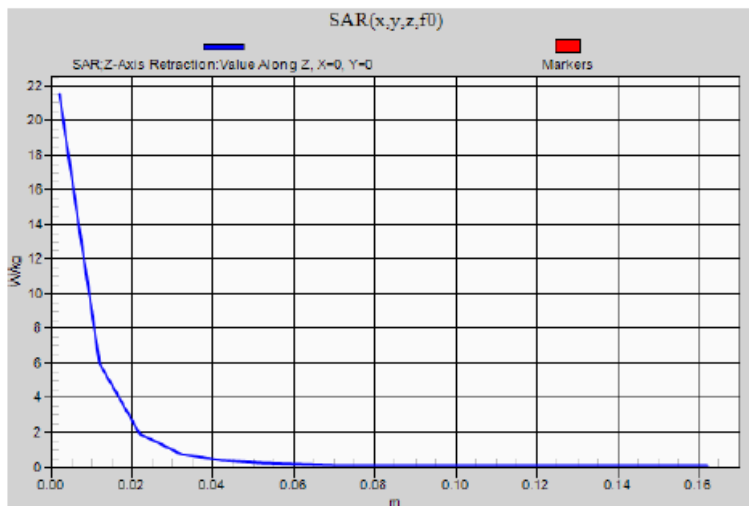
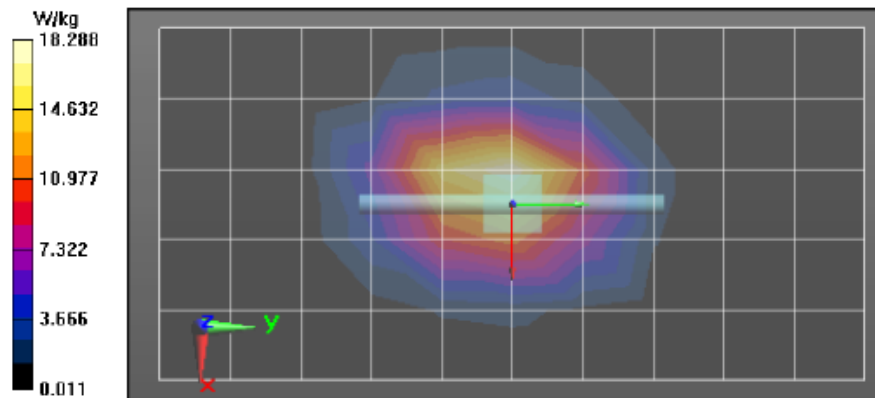
grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 104.7 V/m; Power Drift = -0.03 dB
 Fast SAR: SAR(1 g) = 14 W/kg; SAR(10 g) = 6.45 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 22.6 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 104.7 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 28.2 W/kg
 SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.58 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 21.3 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) = 21.5 W/kg



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Date/Time: 6/30/2017 12:59:42 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-2450B-170630-02
 Dipole Model#: D2450V2
 Phantom#: ELI4 1028
 Tissue Temp: 20.9 (C)
 Serial#: 782
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.15 dB
 Adjusted SAR (1W): 50.80 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 47.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 101.1 V/m; Power Drift = -0.04 dB
 Fast SAR: SAR(1 g) = 13 W/kg; SAR(10 g) = 6.03 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 20.7 W/kg

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (6x11x1): Measurement

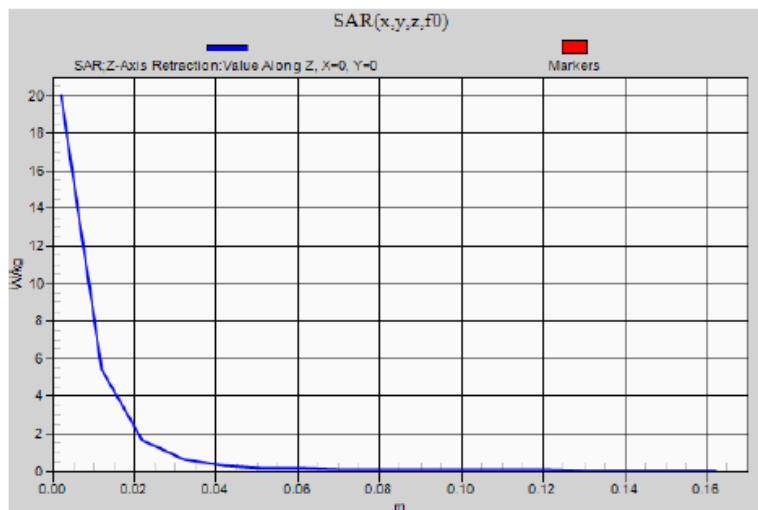
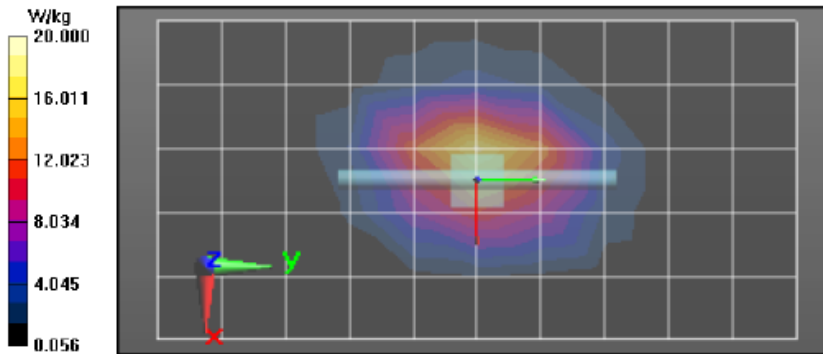
grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 17.9 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 101.1 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 26.5 W/kg
 SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.01 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.8 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) = 20.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/9/2017 6:23:36 PM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-2450H-170609-02
 Dipole Model#: D2450V2
 Phantom#: ELI5 1147
 Tissue Temp: 21.1 (C)
 Serial#: 782
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.11 dB
 Adjusted SAR (1W): 53.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, ConvF(7.08, 7.08, 7.08); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

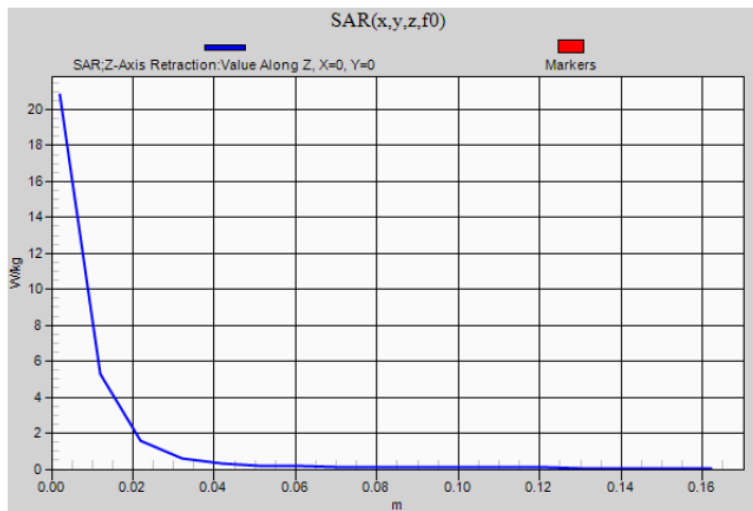
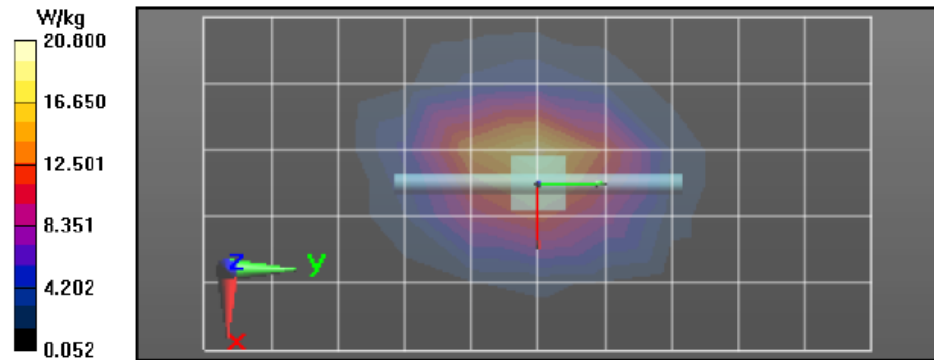
grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 108.9 V/m; Power Drift = -0.08 dB
 Fast SAR: SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.54 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 21.6 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 108.9 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 27.9 W/kg
 SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.28 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 20.6 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 20.8 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/13/2017 7:05:18 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-2450H-170613-01
 Dipole Model#: D2450V2
 Phantom#: ELI5 1147
 Tissue Temp: 21.5 (C)
 Serial#: 782
 Test Freq: 2450.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.12 dB
 Adjusted SAR (1W): 54.4 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, ConvF(7.08, 7.08, 7.08); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

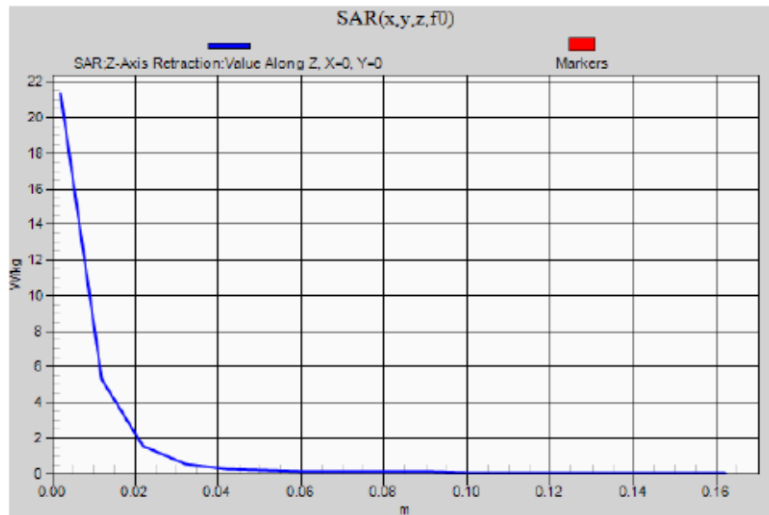
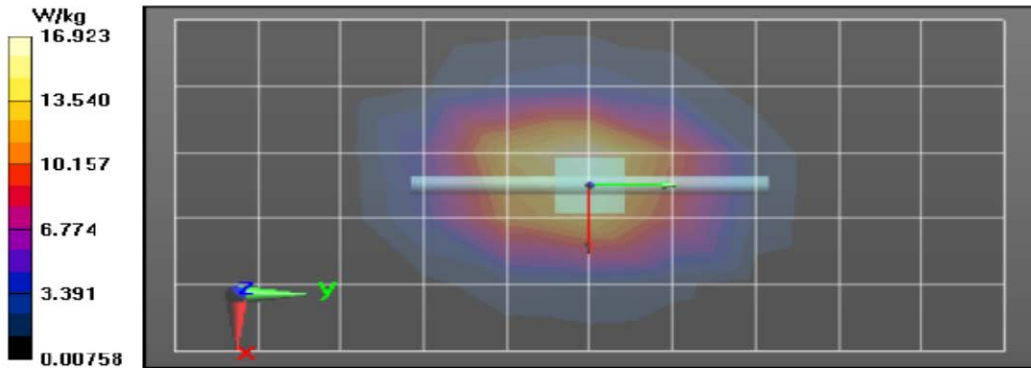
grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 110.3 V/m; Power Drift = -0.02 dB
 Fast SAR: SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.62 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 22.1 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 110.3 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 28.7 W/kg
 SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.4 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 21.3 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) = 21.4 W/kg



Appendix F DUT Scans

**Assessments at the Body with Body Worn PMLN4651A
Table 18**

**Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2017 3:19:22 PM**

Robot#: DASY5-PG-03 | Run#: FD-AB-170617-12
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.4 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 512.0000 (MHz)
 Battery: NNTN8128B
 Carry Acc: PMLN4651A
 Audio Acc: PMMN4062A
 Start Power: 5.58 (W)

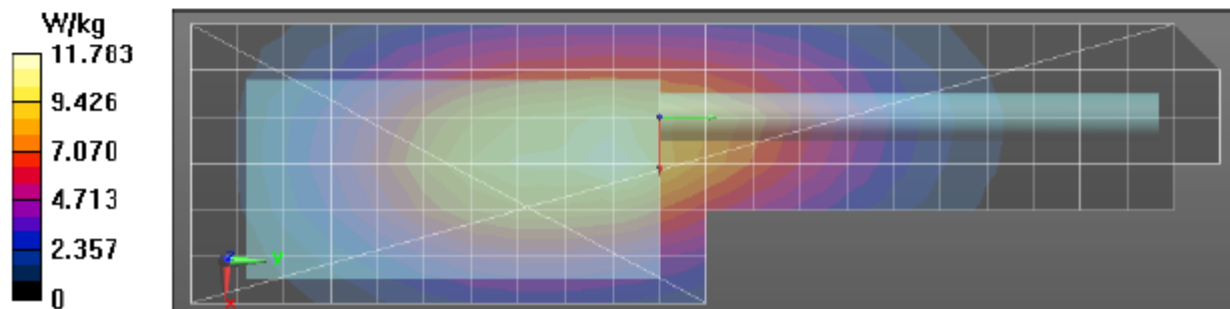
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 512$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 512 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 109.2 V/m; Power Drift = -0.66 dB
 Fast SAR: SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.39 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 12.0 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 = 109.2 V/m; Power Drift = -0.79 dB
 Peak SAR (extrapolated) = 14.0 W/kg
 SAR(1 g) = 9.9 W/kg; SAR(10 g) = 7.08 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 11.3 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) = 11.2 W/kg



Assessments at the Body with Body Worn PMLN7008A
Table 19

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/18/2017 9:36:31 PM

Robot#: DASY5-PG-03 | Run#: FD-AB-170618-16
Model#: H92SDH9PW7AN (PMUE5246A)
Phantom#: ELI4 1103
Tissue Temp: 20.4 (C)
Serial#: 837TTH0498
Antenna: PMAE4049A
Test Freq: 512.0000 (MHz)
Battery: NNTN8128B
Carry Acc: PMLN7008A
Audio Acc: PMMN4062A
Start Power: 5.59 (W)

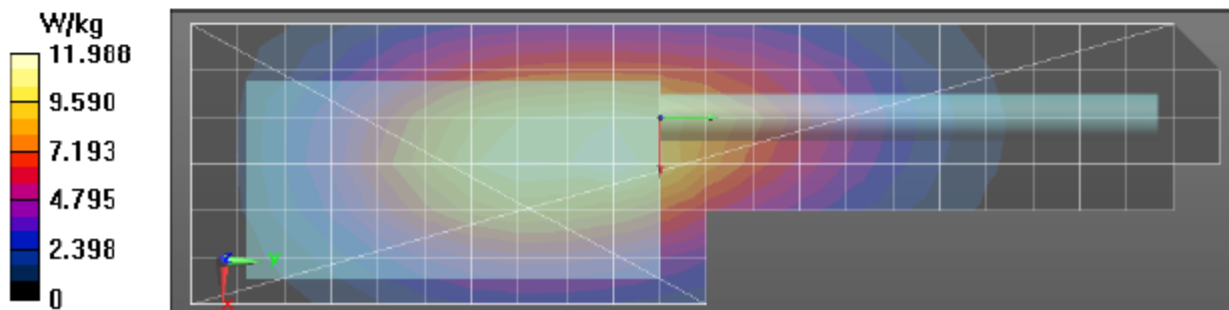
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 512$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3612, , Frequency: 512 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 111.5 V/m; Power Drift = -0.66 dB
Fast SAR: SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.71 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.3 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 = 111.5 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.45 W/kg (SAR corrected for target medium)

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) = 11.9 W/kg



Assessments at the Body with Body Worn PMLN5838A
Table 20

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 6/20/2017 8:21:58 PM

Robot#: DASY5-PG-03 | Run#: ZR(HR)-AB-170620-19
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.3 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 496.5000 (MHz)
 Battery: PMNN4491B
 Carry Acc: PMLN5838A
 Audio Acc: PMMN4062A
 Start Power: 5.57(W)

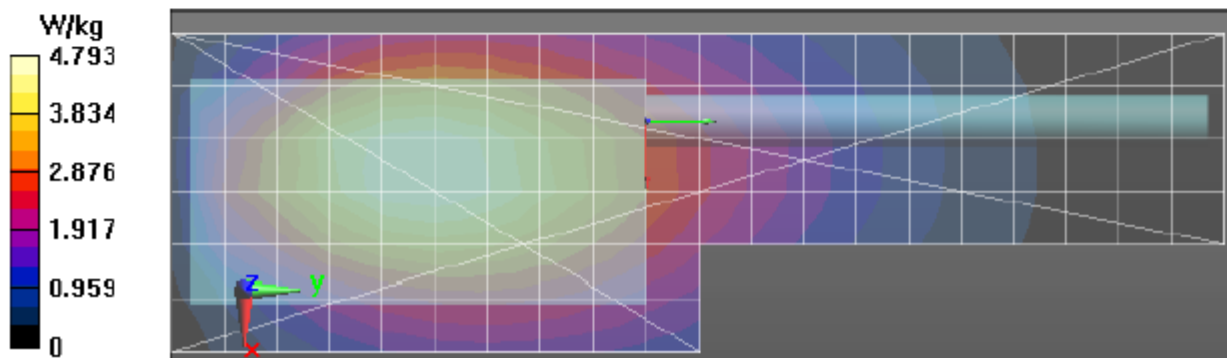
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 497$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 496.5 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 65.14 V/m; Power Drift = -0.45 dB
 Fast SAR: SAR(1 g) = 4.17 W/kg; SAR(10 g) = 3.02 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.96 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 = 65.14 V/m; Power Drift = -0.56 dB
 Peak SAR (extrapolated) = 5.37 W/kg
 SAR(1 g) = 4.02 W/kg; SAR(10 g) = 3.01 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 4.74 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.68 W/kg



Assessments at the Body with Body Worn PMLN5840A
Table 21

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 6/21/2017 1:55:46 AM

Robot#: DASY5-PG-03 | Run#: ZR(HR)-AB-170621-03#
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.7 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 496.5000 (MHz)
 Battery: PMNN4491B
 Carry Acc: PMLN5840A
 Audio Acc: PMMN4062A
 Start Power: 5.58 (W)

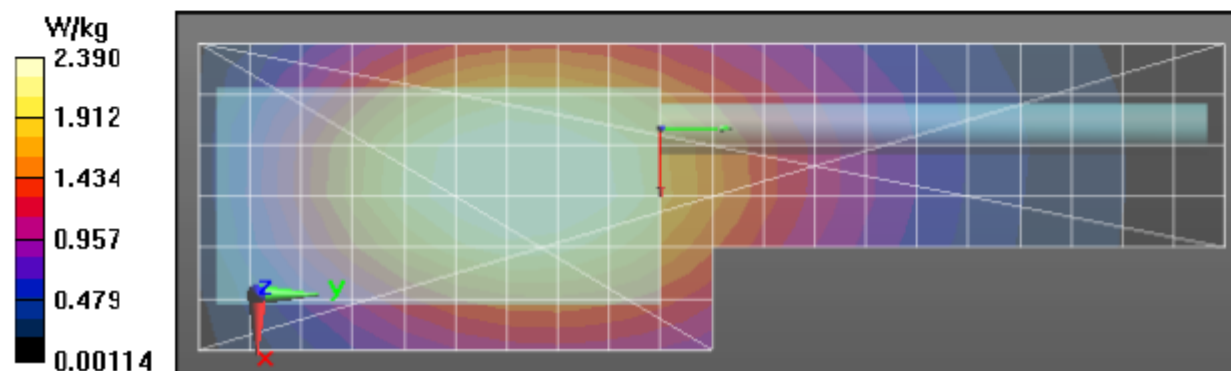
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 497 \text{ MHz}$; $\sigma = 0.96 \text{ S/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 496.5 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x201x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 48.04 V/m; Power Drift = -0.48 dB
 Fast SAR: SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 2.54 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 = 48.04 V/m; Power Drift = -0.54 dB
 Peak SAR (extrapolated) = 2.74 W/kg
 SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 2.44 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) = 2.39 W/kg



Assessments at the Body with Body Worn PMLN5842A

Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/21/2017 9:06:21 AM

Robot#: DASY5-PG-03 | Run#: FD(AN)-AB-170621-10#
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.9 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 496.5000 (MHz)
 Battery: PMNN4491B
 Carry Acc: PMLN5842A
 Audio Acc: PMMN4062A
 Start Power: 5.59 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 497$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, Frequency: 496.5 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

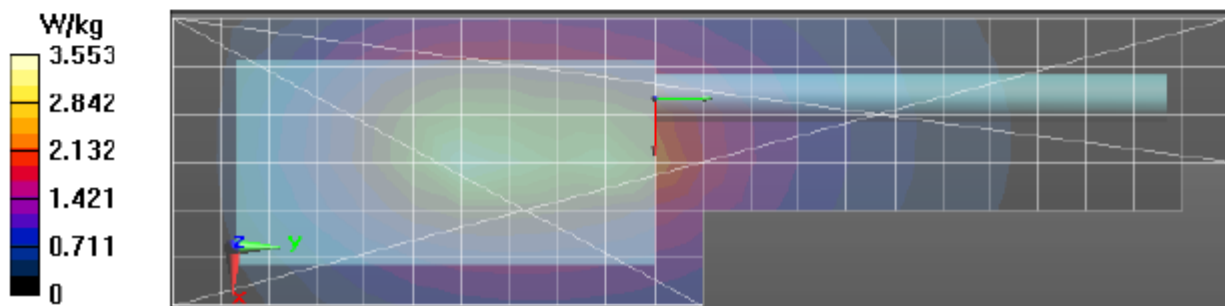
Reference Value = 49.47 V/m; Power Drift = -0.54 dB
 Fast SAR: SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.97 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.62 W/kg

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 = 49.47 V/m; Power Drift = -0.66 dB
 Peak SAR (extrapolated) = 4.29 W/kg
 SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.88 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 3.46 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) = 3.48 W/kg



Assessments at the Body with Body Worn PMLN5844A
Table 23

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 6/21/2017 10:08:54 PM

Robot#: DASY5-PG-03 | Run#: ZR(HR)-AB-170621-23
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.8 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 496.5000 (MHz)
 Battery: NNTN8128B
 Carry Acc: PMLN5844A
 Audio Acc: PMMN4062A
 Start Power: 5.60 (W)

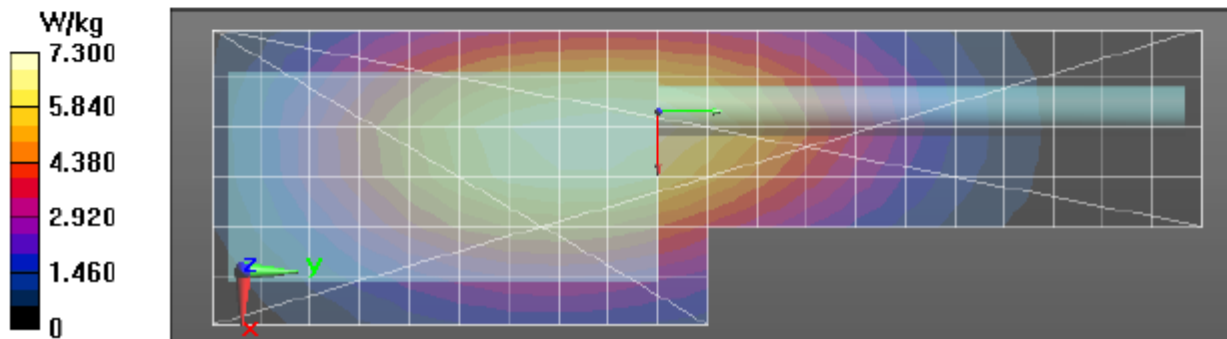
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 497 \text{ MHz}$; $\sigma = 0.97 \text{ S/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, Frequency: 496.5 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x201x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 85.22 V/m; Power Drift = -0.51 dB
 Fast SAR: SAR(1 g) = 6.19 W/kg; SAR(10 g) = 4.49 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 7.37 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 = 85.22 V/m; Power Drift = -0.62 dB
 Peak SAR (extrapolated) = 8.06 W/kg
 SAR(1 g) = 5.96 W/kg; SAR(10 g) = 4.46 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 7.07 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$,
 $dz=10\text{mm}$
 Maximum value of SAR (measured) = 6.95 W/kg



Assessment at the Body with other audio accessories
Table 24

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 6/24/2017 8:27:04 PM

Robot#: DASY5-PG-03 | Run#: KKL-AB-170624-24
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.6 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 512.0000 (MHz)
 Battery: NNTN8128B
 Carry Acc: PMLN7008A
 Audio Acc: HMN4104B w/RMN5116A
 Start Power: 5.60 (W)

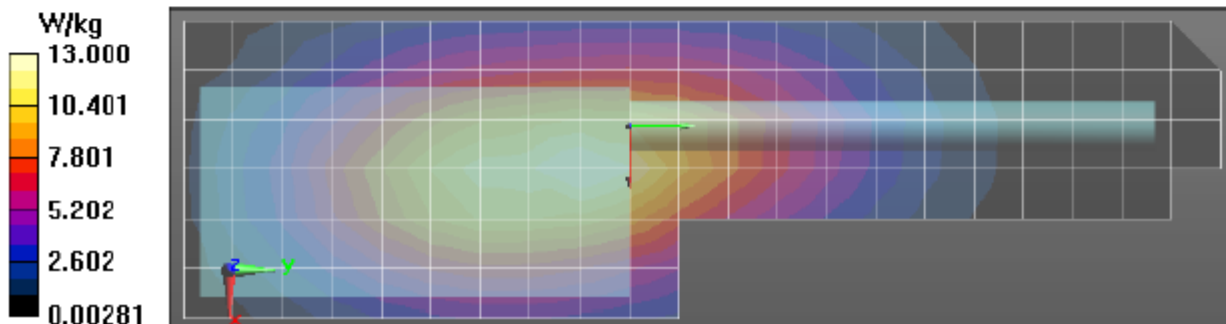
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 512 \text{ MHz}$; $\sigma = 0.96 \text{ S/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 512 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

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 = 108.0 V/m; Power Drift = -0.65 dB
 Fast SAR: SAR(1 g) = 11.2 W/kg; SAR(10 g) = 7.84 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 13.5 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 = 108.0 V/m; Power Drift = -0.78 dB
 Peak SAR (extrapolated) = 15.6 W/kg
 SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.38 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 13.1 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) = 13.0 W/kg



Assessments of Wireless BT Configuration
Table 25
Motorola Solutions, Inc. EME Laboratory
 Date/Time: 6/25/2017 2:00:42 PM

Robot#: DASY5-PG-03 | Run#: KKL-AB-170625-08#
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.7 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 465.5000 (MHz)
 Battery: NNTN8128B
 Carry Acc: PMLN7008A
 Audio Acc: None
 Start Power: 5.60 (W)

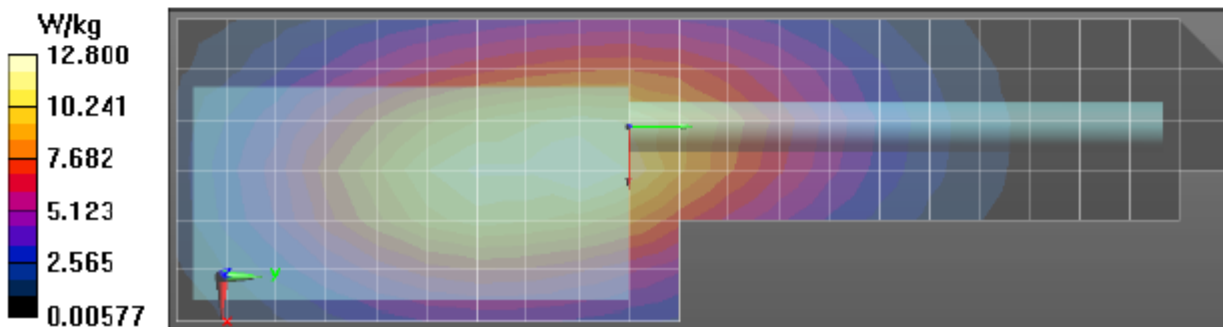
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 466$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3612, , Frequency: 465.5 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 112.9 V/m; Power Drift = -0.53 dB
 Fast SAR: SAR(1 g) = 11.2 W/kg; SAR(10 g) = 7.97 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 13.3 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 = 112.9 V/m; Power Drift = -0.63 dB
 Peak SAR (extrapolated) = 15.1 W/kg
 SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.69 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 12.9 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) = 12.8 W/kg



Assessments at the Body for WLAN 802.11 b/g/n
Table 27
Motorola Solutions, Inc. EME Laboratory
 Date/Time: 6/14/2017 4:34:39 PM

Robot#: DASY5-PG-1 | Run#: FD-AB-170614-12
 Model#: H92SDF9PW6AN (PMUE5245A)
 Phantom#: ELI4 1028
 Tissue Temp: 21.6 (C)
 Serial#: 837TTH0483
 Antenna: AN000151A01 WiFi Ant
 Test Freq: 2437.000 (MHz)
 Battery: PMNN4491B
 Carry Acc: PMLN7008A
 Audio Acc: None
 Start Power: 0.0210 (W)

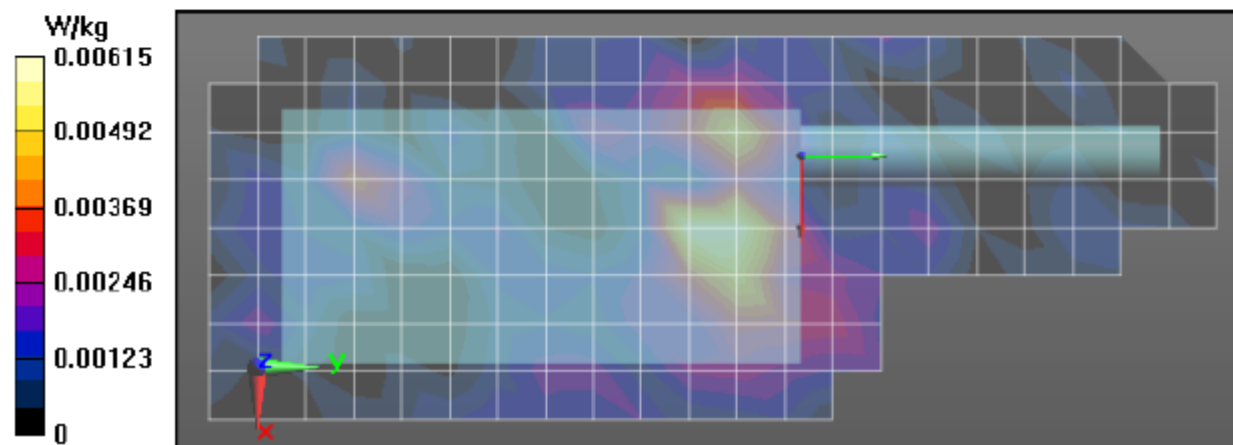
Comments:

Duty Cycle: 1:1.42561, Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2437 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (121x241x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 1.094 V/m; Power Drift = 0.52 dB
 Fast SAR: SAR(1 g) = 0.00694 W/kg; SAR(10 g) = 0.00268 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.0180 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 = 1.094 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.0160 W/kg
 SAR(1 g) = 0.00477 W/kg; SAR(10 g) = 0.00216 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.00788 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) = 0.00645 W/kg



Assessments at the Face Table 29

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/27/2017 5:50:31 PM

Robot#: DASY5-PG-03 | Run#: KKL-FACE-170627-10
Model#: H92SDH9PW7AN (PMUE5245A)
Phantom#: ELI4 1109
Tissue Temp: 21.0 (C)
Serial#: 837TTH0481
Antenna: PMAE4049A
Test Freq: 450.0000 (MHz)
Battery: PMNN4493A
Carry Acc: Radio @ front
Audio Acc: None
Start Power: 5.46 (W)

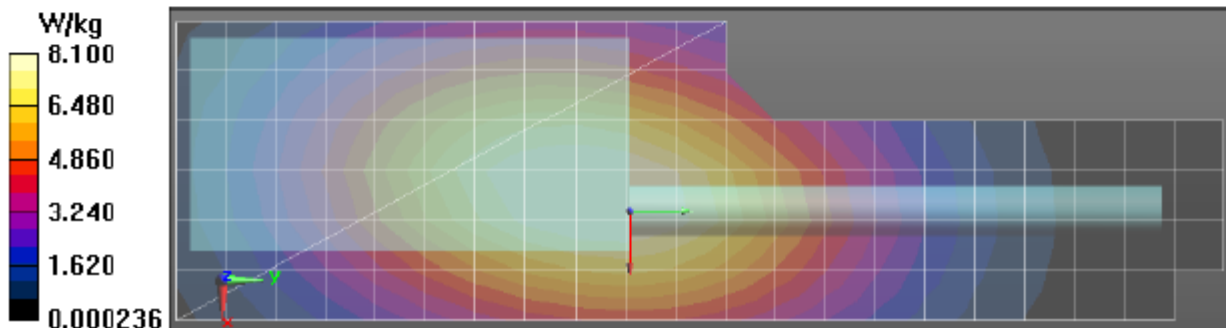
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.84$ S/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3612, , Frequency: 450 MHz, ConvF(9.25, 9.25, 9.25); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 98.78 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 7.42 W/kg; SAR(10 g) = 5.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.55 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 98.78 V/m; Power Drift = -0.42 dB
Peak SAR (extrapolated) = 9.18 W/kg
SAR(1 g) = 7.17 W/kg; SAR(10 g) = 5.42 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.17 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) = 8.10 W/kg



**Assessments at the Face for WLAN 802.11 b/g/n
Table 31**

**Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/13/2017 1:33:24 PM**

Robot#: DASY5-PG-1 | Run#: ZR-FACE-170613-07
 Model#: H92SDF9PW6AN (PMUE5245A)
 Phantom#: ELI5 1147
 Tissue Temp: 20.8 (C)
 Serial#: 837TTH0483
 Antenna: AN000151A01 WiFi Ant
 Test Freq: 2437.0000 (MHz)
 Battery: PMNN4493A
 Carry Acc: None
 Audio Acc: None
 Start Power: 0.0210 (W)

Comments:

Duty Cycle: 1:1.42561, Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2437 MHz, ConvF(7.08, 7.08, 7.08); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

2-3 GHz-Rev.2/FACE Scan/1-Area Scan (101x241x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

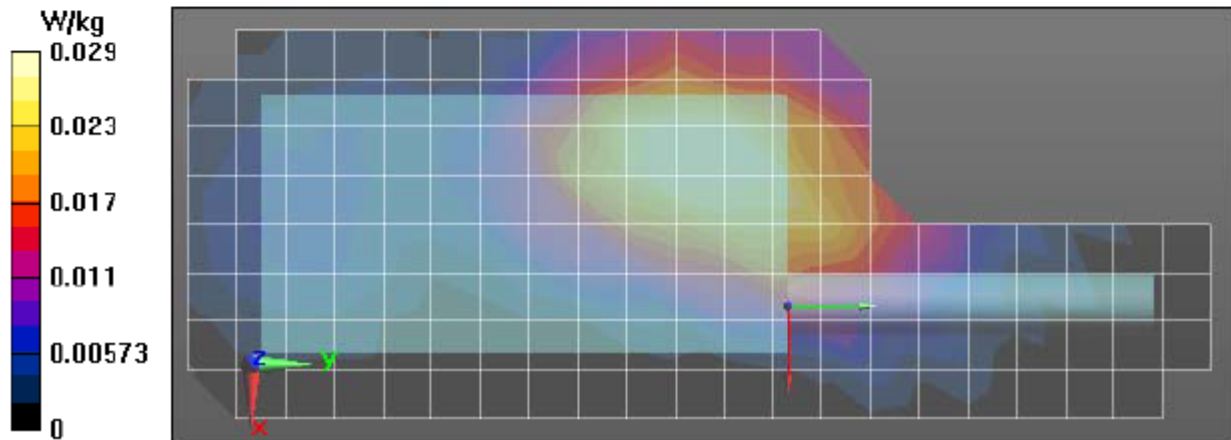
Reference Value = 4.413 V/m; Power Drift = -0.40 dB
 Fast SAR: SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.0296 W/kg

2-3 GHz-Rev.2/FACE Scan/3-Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 0.0440 W/kg
 SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.0335 W/kg

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

Maximum value of SAR (measured) = 0.0337 W/kg



Assessments at the Body for Outside PT90
Table 32
Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/26/2017 9:35:54 AM

Robot#: DASY5-PG-03 | Run#: KKL-AB-170626-01#
Model#: H92SDH9PW7AN (PMUE5246A)
Phantom#: ELI4 1103
Tissue Temp: 20.4 (C)
Serial#: 837TTH0498
Antenna: PMAE4049A
Test Freq: 516.0000 (MHz)
Battery: NNTN8128B
Carry Acc: PMLN7008A
Audio Acc: HMN4104B w/RMN5116A
Start Power: 5.60 (W)

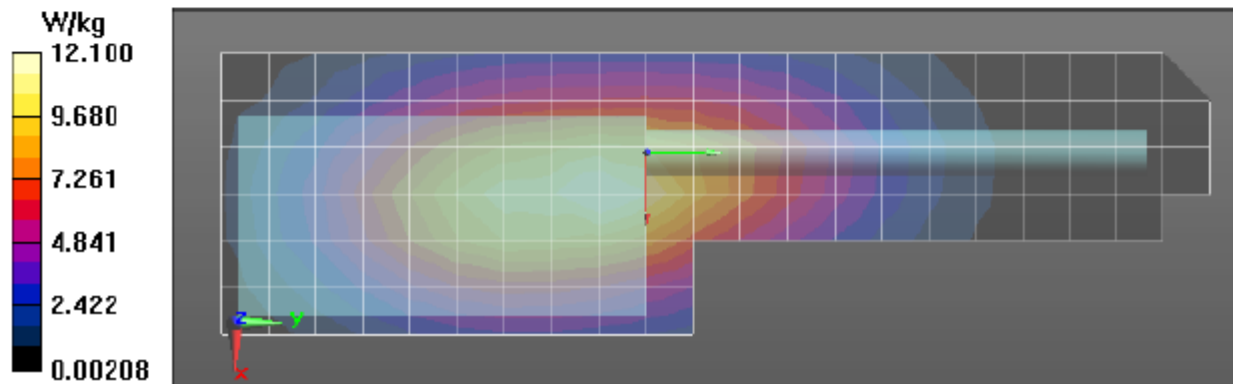
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 516$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3612, , Frequency: 516 MHz, ConvF(9.35, 9.35); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 104.4 V/m; Power Drift = -0.63 dB
Fast SAR: SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.35 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.7 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 = 104.4 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 14.5 W/kg
SAR(1 g) = 9.77 W/kg; SAR(10 g) = 6.92 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 12.2 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) = 12.1 W/kg



Assessments at the Face for Outside PT90

Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/27/2017 11:50:47 AM

Robot#: DASY5-PG-03 | Run#: KKL-FACE-170627-05#
Model#: H92SDH9PW7AN (PMUE5246A)
Phantom#: ELI4 1109
Tissue Temp: 20.4 (C)
Serial#: 837TTH0498
Antenna: PMAE4049A
Test Freq: 516.0000 (MHz)
Battery: PMNN4493A
Carry Acc: Radio @ front
Audio Acc: None
Start Power: 5.58 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 516$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3612, , Frequency: 516 MHz, ConvF(9.25, 9.25, 9.25); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 92.11 V/m; Power Drift = -0.40 dB

Fast SAR: SAR(1 g) = 6.53 W/kg; SAR(10 g) = 4.75 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 7.77 W/kg

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

Reference Value = 92.11 V/m; Power Drift = -0.54 dB

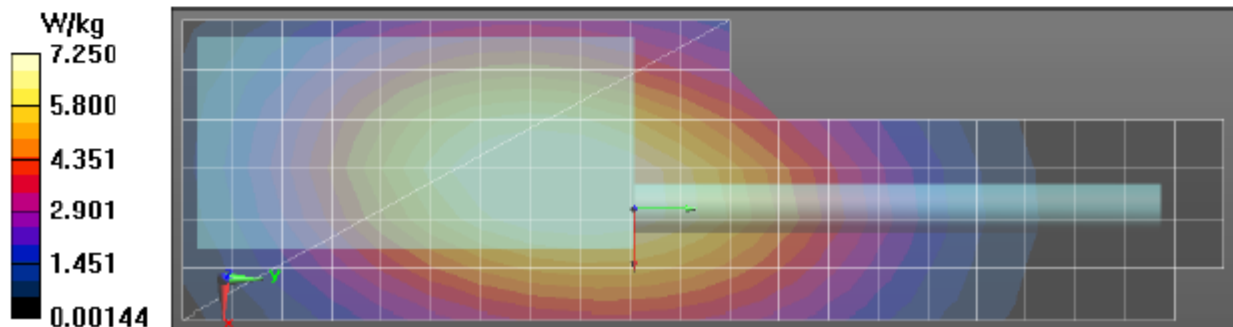
Peak SAR (extrapolated) = 8.26 W/kg

SAR(1 g) = 6.28 W/kg; SAR(10 g) = 4.74 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 7.36 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) = 7.25 W/kg



Appendix G

Shortened Scan of Highest SAR configuration

Shortened Scan Table 34

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/26/2017 12:51:51 PM

Robot#: DASY5-PG-03 | Run#: KKL-AB-170626-06#
 Model#: H92SDH9PW7AN (PMUE5246A)
 Phantom#: ELI4 1103
 Tissue Temp: 20.5 (C)
 Serial#: 837TTH0498
 Antenna: PMAE4049A
 Test Freq: 512.0000 (MHz)
 Battery: NNTN8128B
 Carry Acc: PMLN7008A
 Audio Acc: HMN4104B w/RMN5116A
 Start Power: 5.60 (W)

Comments: Shorten Scan

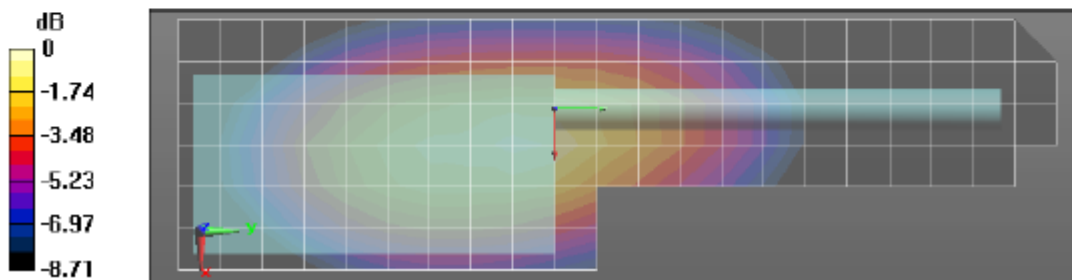
Duty Cycle: 1:1, Medium parameters used: $f = 512 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN3612, , Frequency: 512 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
 Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

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 = 107.4 V/m; Power Drift = -0.60 dB
 Fast SAR: SAR(1 g) = 11.1 W/kg; SAR(10 g) = 7.82 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 13.4 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 = 107.4 V/m; Power Drift = -0.68 dB
 Fast SAR: SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.5 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 12.0 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) = 13.2 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 = 121.1 V/m; Power Drift = -0.46 dB
 Peak SAR (extrapolated) = 17.1 W/kg
 SAR(1 g) = 11.6 W/kg; SAR(10 g) = 8.26 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 14.4 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)	34	7	6.45	4.59
Full scan (area & zoom)	24	30	6.28	4.42

APPENDIX H
DUT Test Position Photos

Photos available in Exhibit 7B

APPENDIX I
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B