



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: 5/13/2016
Report Revision: A

Responsible Engineer: Patrick Saw (EME Engineer)
Report Author: Tiong Nguk Ing (EME Engineer)
Date/s Tested: 4/20/2016-5/12/2016
Manufacturer: Motorola Solutions Inc.
DUT Description: Video RSM with Bluetooth and WiFi
Test TX mode(s): Bluetooth, WLAN 802.11 b/g/n (2.4 GHz), WLAN 802.11 ac/n (5 GHz)
Max. Power output: 12.68 mW (Bluetooth), 39.8 mW (WLAN 2.4 GHz 802.11 b), 39.8 mW (WLAN 2.4 GHz 802.11g), 25.1 mW (WLAN 2.4 GHz 802.11n), 25.1 mW (WLAN 5 GHz 802.11ac), 25.1 mW (WLAN 5 GHz 802.11n)
Nominal Power: 10.0 mW (Bluetooth), 39.8 mW (WLAN 2.4 GHz 802.11 b), 39.8 mW (WLAN 2.4 GHz 802.11g), 25.1 mW (WLAN 2.4 GHz 802.11n), 25.1 mW (WLAN 5 GHz 802.11ac), 25.1 mW (WLAN 5 GHz 802.11n)
Tx Frequency Bands: Bluetooth, WLAN 2.4 GHz 802.11 b/g/n, WLAN 5 GHz 802.11ac/n
Signaling type: FHSS (Bluetooth), 802.11 b/g/n (WLAN 2.4 GHz), 802.11 ac/n (WLAN 5 GHz)
Model(s) Tested: HK2061A
Model(s) Certified: HK2061A , HK2062A
Serial Number(s): 372TSD0262
Classification: General Population / Uncontrolled
FCC ID: AZ489FT7088; Bluetooth, WLAN 2.4 GHz 802.11 b/g/n, WLAN 5 GHz 802.11ac/n
 This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC: 109U-89FT7088; This report contains results that are immaterial for IC equipment approval, which are clearly identified.

The test results clearly demonstrate compliance with FCC General Population/Uncontrolled RF Exposure limits of 1.6 W/kg averaged over 1 gram per the requirements of OET Bulletin 65. The 10 grams result is not applicable to FCC filing. The test results clearly demonstrate compliance with ICNIRP (1998) Guidelines for limiting exposure in time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz), Health Physics 74, 494-522 RF Exposure limits of 2 W/kg averaged over 10grams of contiguous tissue.

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

Tiong
Tiong Nguk Ing
 Deputy Technical Manager
 Approval Date: 5/17/2016

Certification Date: 5/17/2016
Certification No.: L1160408, L1160409

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/20/2016 8:38:10 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5250B-160420-07
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.6(C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.061 dB
 Adjusted SAR (1W): 72.40 mW/g (1g)

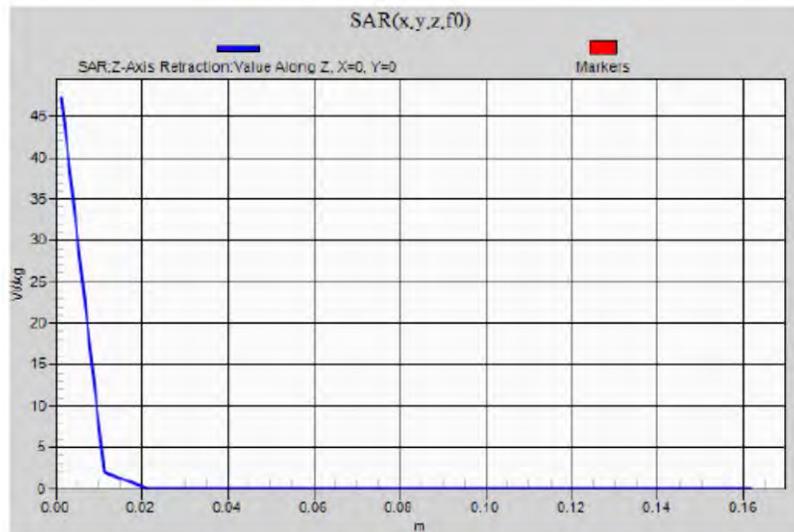
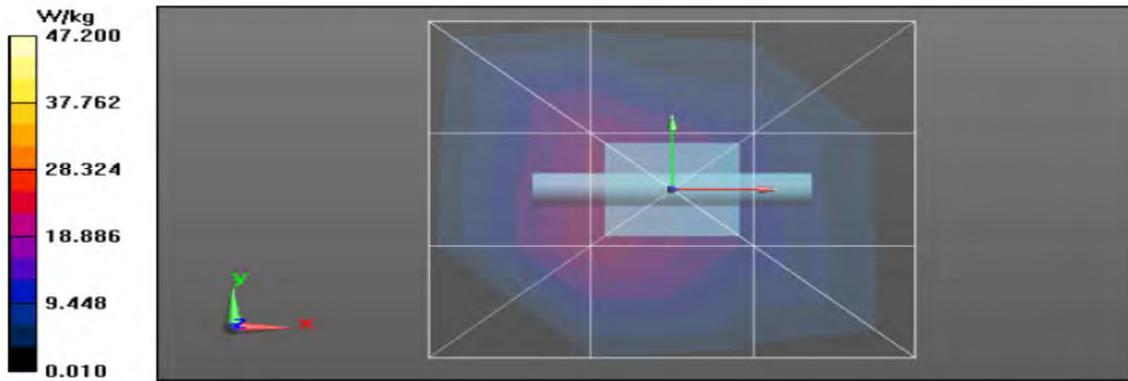
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.14$ S/m; $\epsilon_r = 45.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.12, 4.12, 4.12); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 109.2 V/m; Power Drift = 0.11 dB
 Fast SAR: SAR(1 g) = 15.9 W/kg; SAR(10 g) = 4.57 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 33.5 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 109.2 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 78.2 W/kg
 SAR(1 g) = 18.1 W/kg; SAR(10 g) = 5.07 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 46.3 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 47.2 W/kg



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Date/Time: 5/3/2016 6:50:24 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5250B-160503-03
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.2(C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.24 dB
 Adjusted SAR (1W): 75.80 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.12, 4.12, 4.12); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:

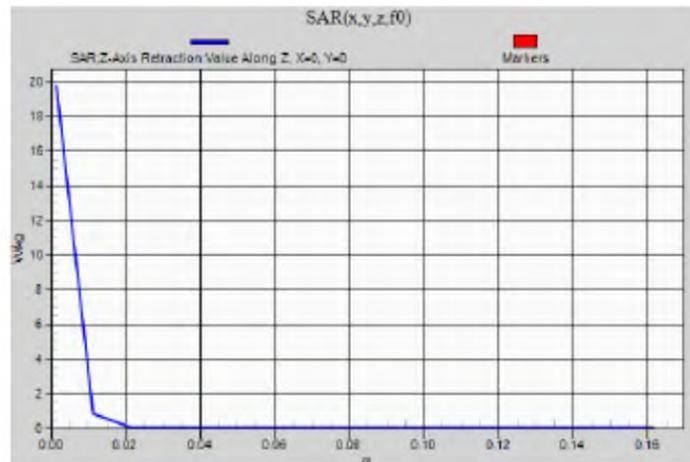
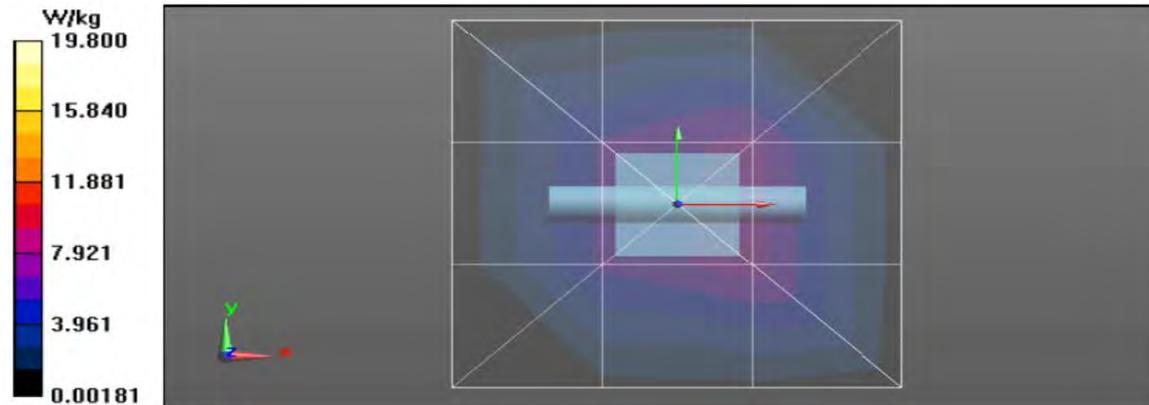
$dx=1.200$ mm, $dy=1.200$ mm
 Reference Value = 67.76 V/m; Power Drift = -0.03 dB
 Fast SAR: SAR(1 g) = 6.93 W/kg; SAR(10 g) = 1.94 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 14.6 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
 Reference Value = 67.76 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 32.6 W/kg
 SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.11 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 18.7 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

$dx=20$ mm, $dy=20$ mm, $dz=10$ mm
 Maximum value of SAR (measured) = 19.8 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/4/2016 3:31:14 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5250B-160504-08
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.1 (C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.087 dB
 Adjusted SAR (1W): 76.40 mW/g (1g)

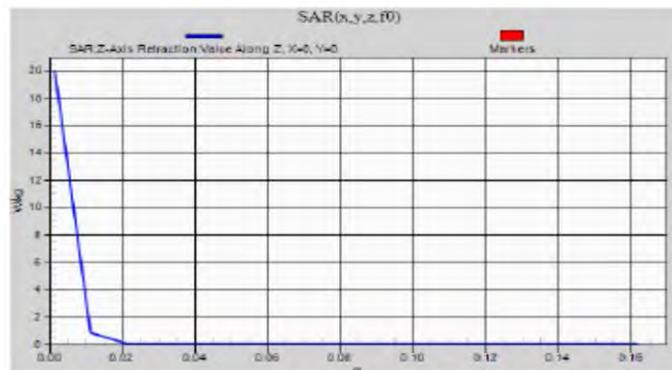
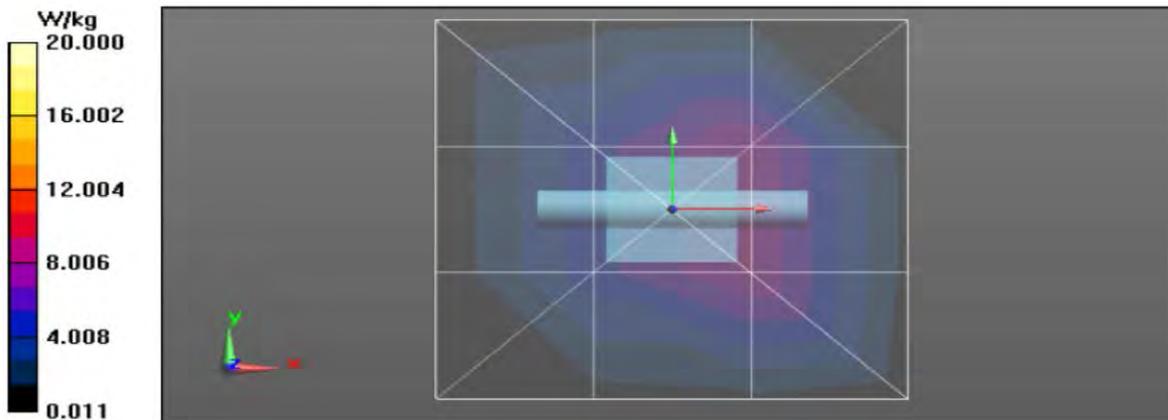
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.42$ S/m; $\epsilon_r = 45.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.12, 4.12, 4.12); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 68.35 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 6.71 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 13.9 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 68.35 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 32.6 W/kg
SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.13 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.3 W/kg

4-6 GHz-Rev.4/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: 5/6/2016 8:34:25 AM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5250B-160506-02
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.7 (C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.17 dB
 Adjusted SAR (1W): 75.20 mW/g (1g)

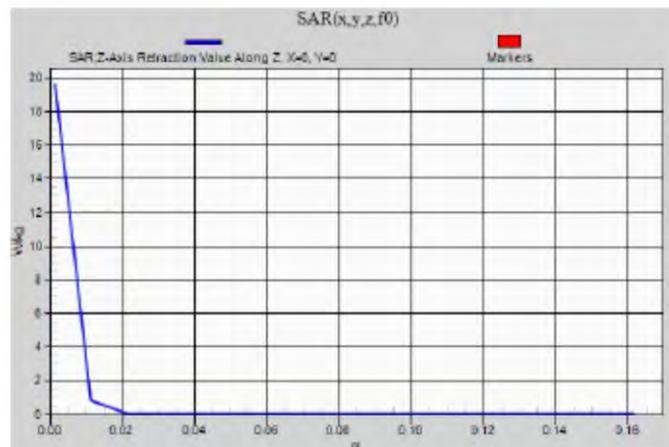
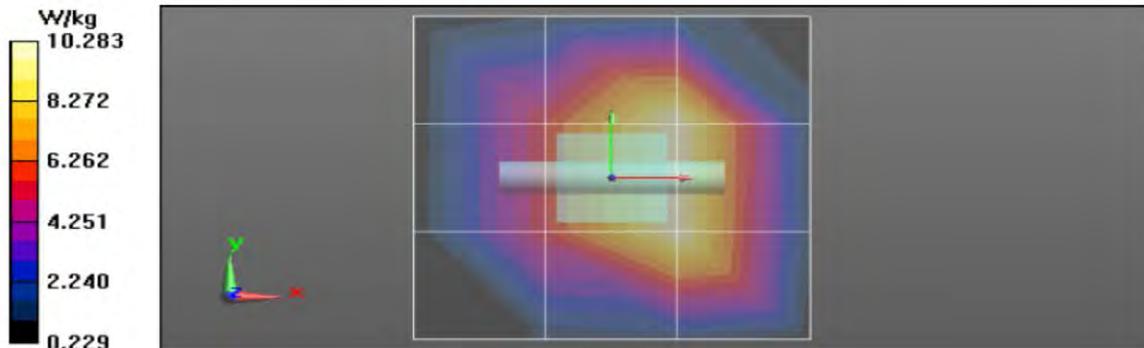
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.48$ S/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, Frequency: 5250 MHz, ConvF(4.12, 4.12, 4.12); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 68.03 V/m; Power Drift = -0.01 dB
 Fast SAR: SAR(1 g) = 6.68 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 16.7 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid:
 dx=4mm, dy=4mm, dz=2mm
 Reference Value = 68.03 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 32.6 W/kg
 SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.11 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.7 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 19.6 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/8/2016 9:41:37 AM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5250B-160508-03
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.8(C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.06 dB
 Adjusted SAR (1W): 76.70 mW/g (1g)

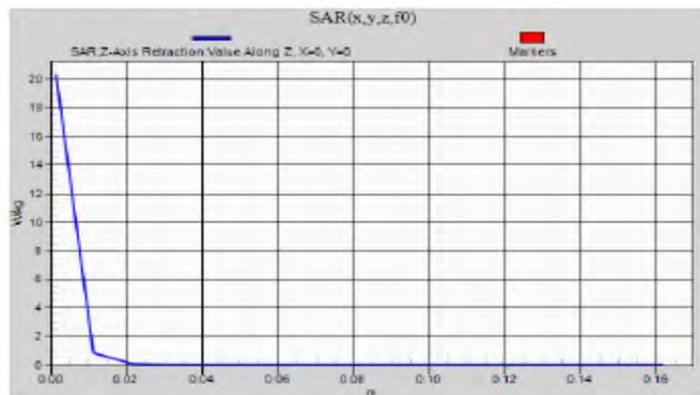
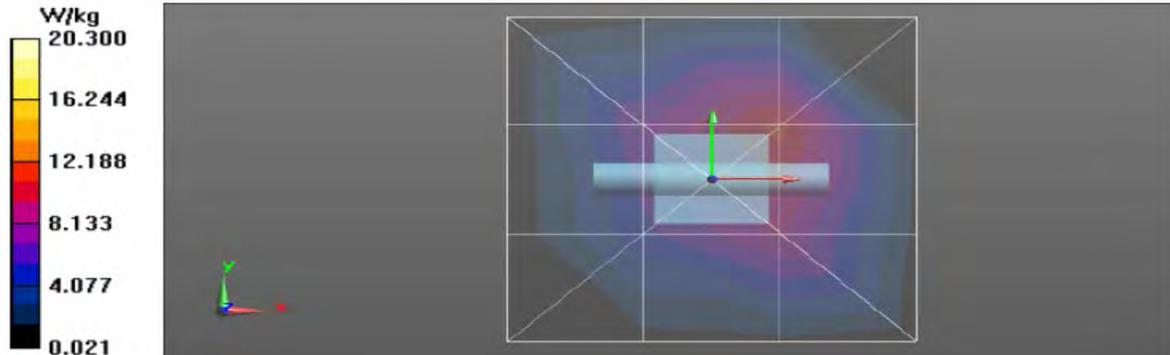
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.4$ S/m; $\epsilon_r = 44.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.12, 4.12, 4.12); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 69.30 V/m; Power Drift = 0.04 dB
 Fast SAR: SAR(1 g) = 6.68 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 16.7 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 69.30 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 32.8 W/kg
 SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.14 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.6 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 20.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/12/2016 3:11:36 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5250B-160512-04
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.3 (C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.085 dB
 Adjusted SAR (1W): 71.70 mW/g (1g)

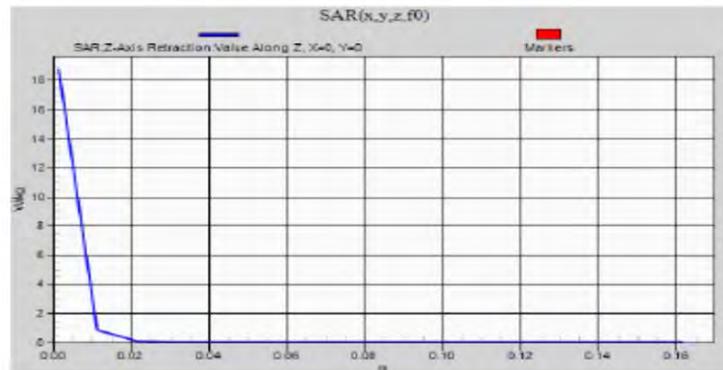
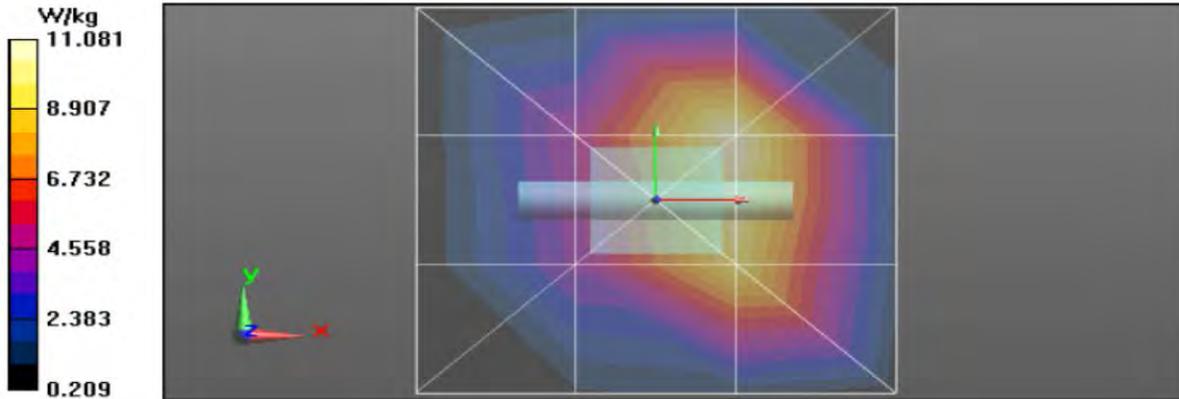
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.54$ S/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.12, 4.12, 4.12); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 65.67 V/m; Power Drift = 0.03 dB
 Fast SAR: SAR(1 g) = 6.04 W/kg; SAR(10 g) = 1.77 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 15.0 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 65.67 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 30.7 W/kg
 SAR(1 g) = 7.17 W/kg; SAR(10 g) = 2.01 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 18.1 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 18.8 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 4/21/2016 8:11:21 AM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5500B-160421-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 22.4 (C)
 Serial#: 1027
 Test Freq: 5500.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.086 dB
 Adjusted SAR (1W): 77.60 mW/g (1g)

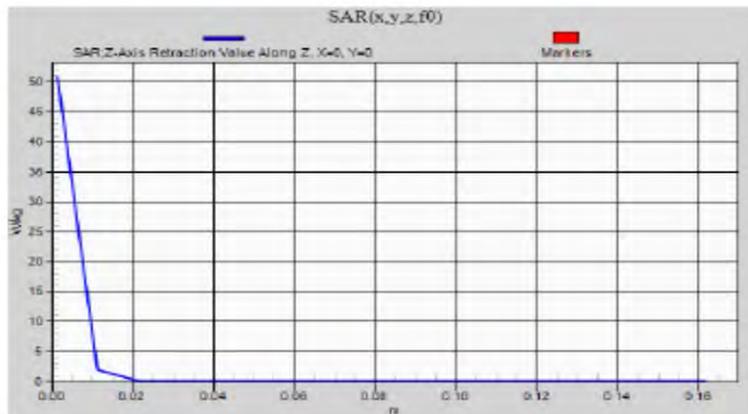
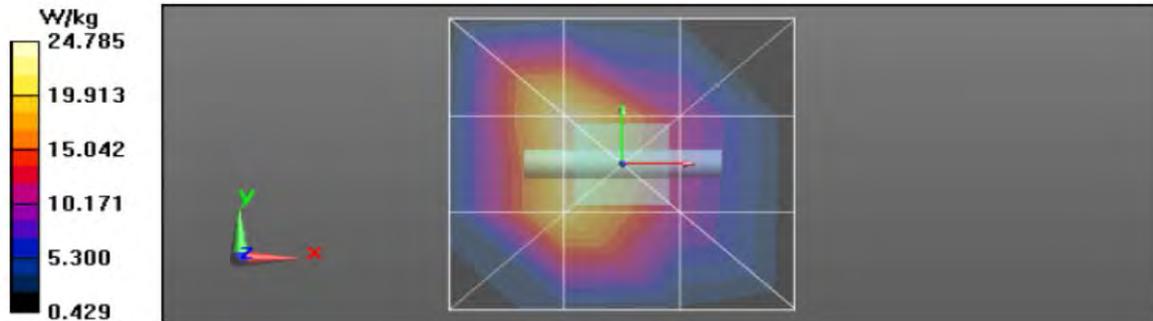
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(3.79, 3.79, 3.79); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 110.8 V/m; Power Drift = 0.10 dB
Fast SAR: SAR(1 g) = 16.3 W/kg; SAR(10 g) = 4.71 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 34.6 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid:
 dx=4mm, dy=4mm, dz=2mm
 Reference Value = 110.8 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 83.9 W/kg
SAR(1 g) = 19.4 W/kg; SAR(10 g) = 5.41 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 47.9 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 50.8 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/3/2016 1:36:54 PM

Robot#: DASY5-PG-4 | Run#: ZWS-SYSP-5500B-160503-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 21.0 (C)
 Serial#: 1027
 Test Freq: 5500.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.091 dB
 Adjusted SAR (1W): 78.40 mW/g (1g)

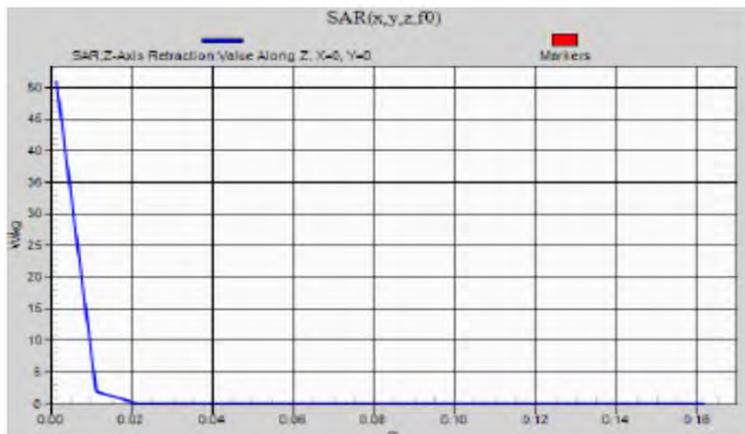
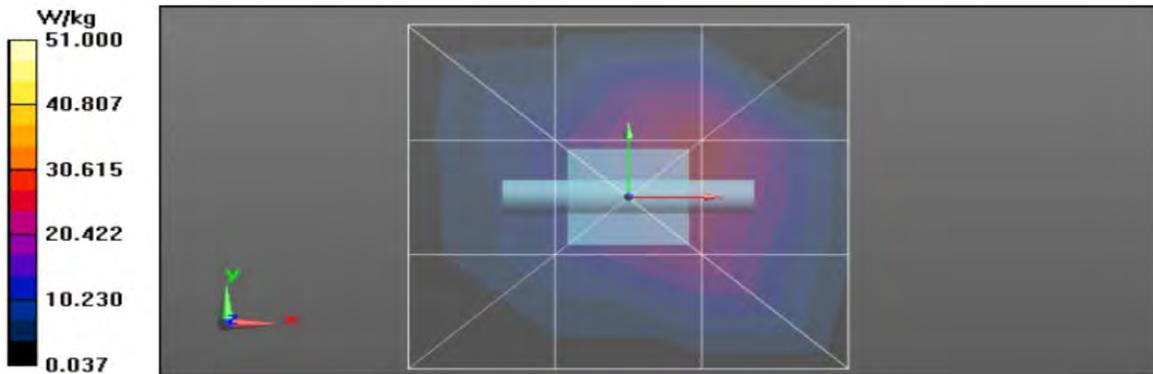
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 5.8$ S/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, Frequency: 5500 MHz, ConvF(3.79, 3.79, 3.79); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 108.4 V/m; Power Drift = -0.12 dB
 Fast SAR: SAR(1 g) = 18.3 W/kg; SAR(10 g) = 5.11 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 39.2 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid:
 dx=4mm, dy=4mm, dz=2mm
 Reference Value = 108.4 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 85.7 W/kg
 SAR(1 g) = 19.6 W/kg; SAR(10 g) = 5.45 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 50.3 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 51.0 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/4/2016 8:34:17 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5500B-160504-12
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 19.7 (C)
 Serial#: 1027
 Test Freq: 5500.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.1 dB
 Adjusted SAR (1W): 79.10 mW/g (1g)

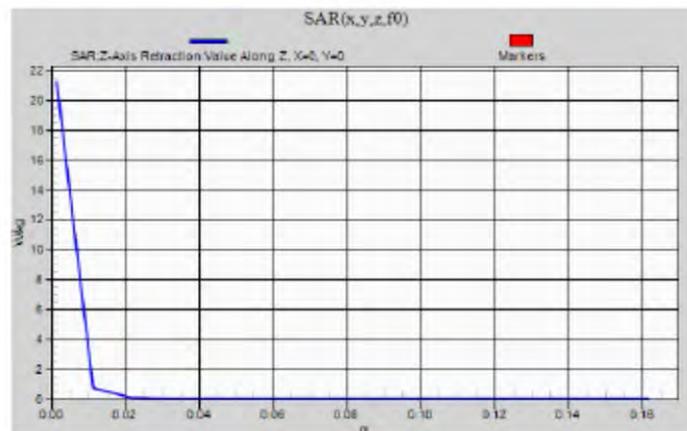
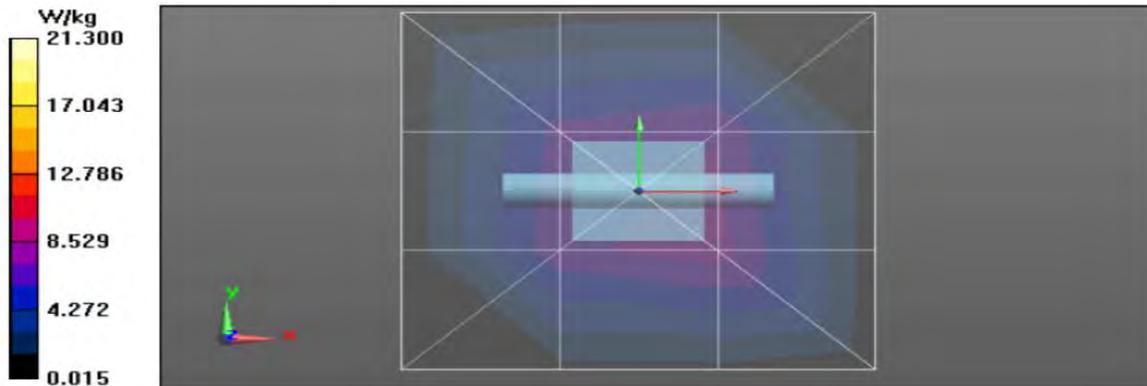
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 5.74$ S/m; $\epsilon_r = 45.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, ., Frequency: 5500 MHz, ConvF(3.79, 3.79, 3.79); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 69.46 V/m; Power Drift = -0.01 dB
 Fast SAR: SAR(1 g) = 7.42 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 16.0 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 69.46 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 35.5 W/kg
 SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.19 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.3 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 21.3 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/7/2016 10:20:32 AM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5500B-160507-01
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.6 (C)
 Serial#: 1027
 Test Freq: 5500.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.068 dB
 Adjusted SAR (1W): 81.30 mW/g (1g)

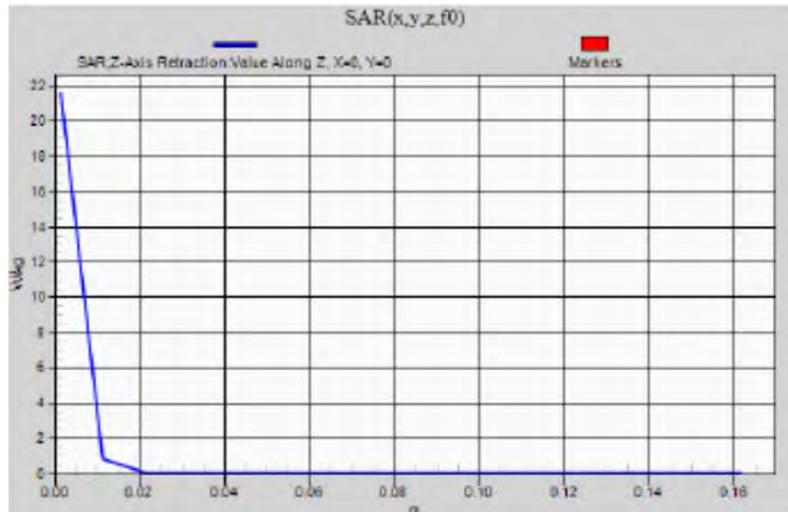
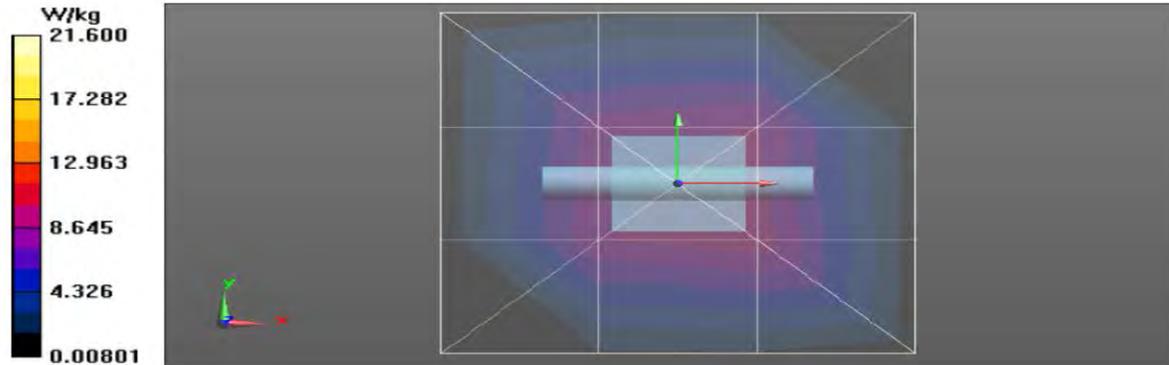
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 5.8$ S/m; $\epsilon_r = 44.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(3.79, 3.79, 3.79); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 69.87 V/m; Power Drift = -0.13 dB
 Fast SAR: SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.11 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 20.5 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 69.87 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 35.4 W/kg
 SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.26 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 20.6 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 21.6 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/11/2016 11:51:55 AM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5500B-160511-03
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 19.5 (C)
 Serial#: 1027
 Test Freq: 5500.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.071 dB
 Adjusted SAR (1W): 82.30 mW/g (1g)

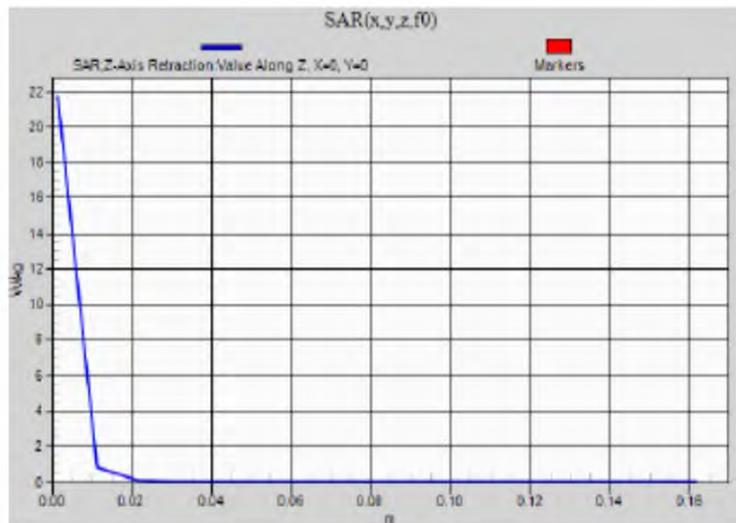
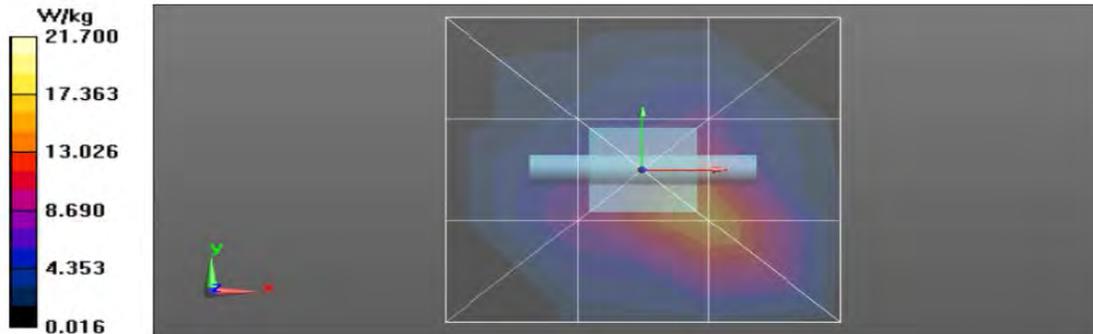
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 5.84$ S/m; $\epsilon_r = 44.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(3.79, 3.79, 3.79); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 69.74 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 6.93 W/kg; SAR(10 g) = 1.97 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 19.0 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 69.74 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 36.0 W/kg
SAR(1 g) = 8.23 W/kg; SAR(10 g) = 2.28 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 22.0 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 21.7 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/11/2016 8:57:33 AM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5600B-160511-03
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 19.9 (C)
 Serial#: 1027
 Test Freq: 5600.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.071 dB
 Adjusted SAR (1W): 85.20 mW/g (1g)

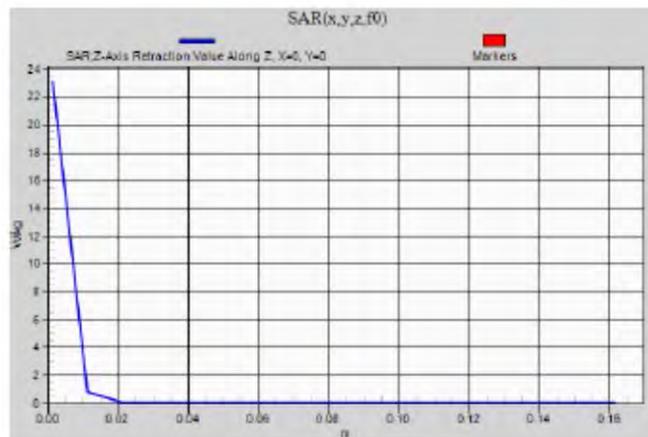
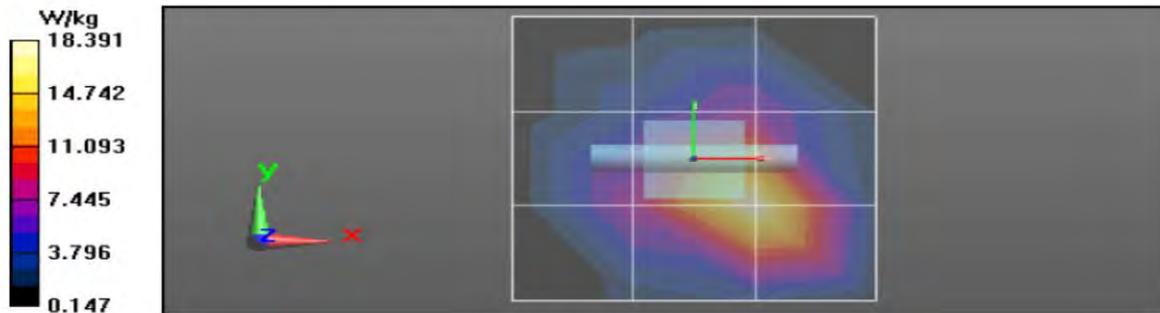
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; $\sigma = 5.98$ S/m; $\epsilon_r = 44.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, Frequency: 5600 MHz, ConvF(3.7, 3.7, 3.7); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 70.74 V/m; Power Drift = -0.05 dB
 Fast SAR: SAR(1 g) = 7.21 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 20.2 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 70.74 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 37.7 W/kg
 SAR(1 g) = 8.52 W/kg; SAR(10 g) = 2.37 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 22.6 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 23.1 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 4/21/2016 8:39:07 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5750B-160421-08
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.3 (C)
 Serial#: 1027
 Test Freq: 5750.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.12 dB
 Adjusted SAR (1W): 68.80 mW/g (1g)

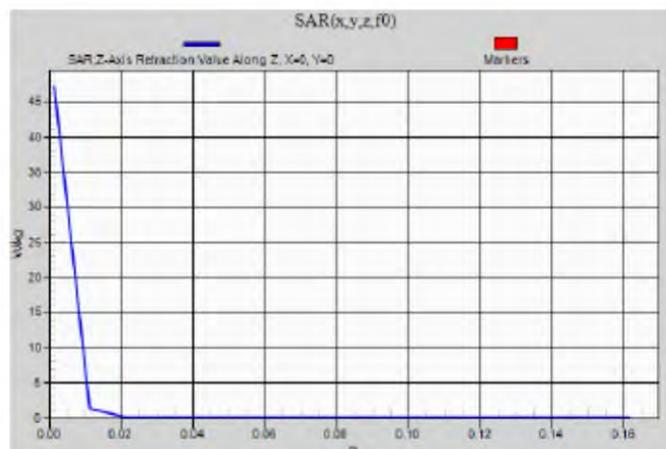
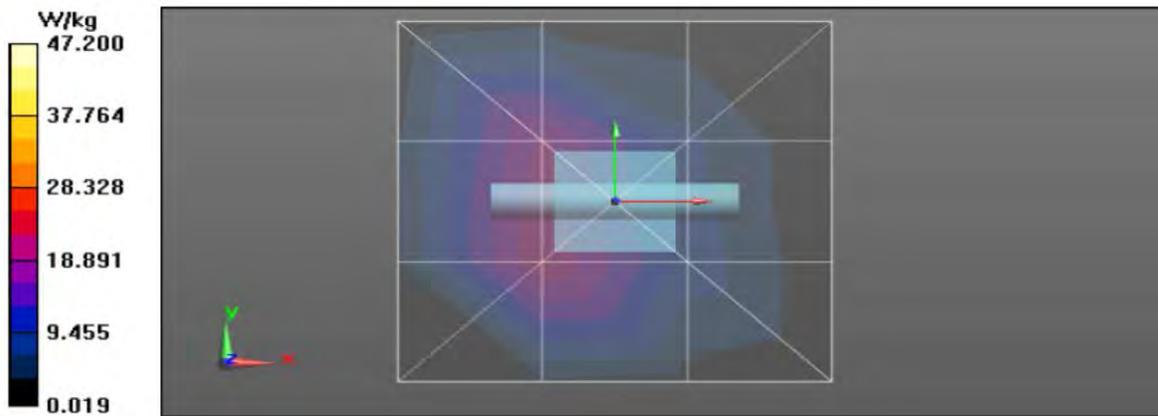
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 5.71$ S/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 101.5 V/m; Power Drift = 0.13 dB
 Fast SAR: SAR(1 g) = 13.7 W/kg; SAR(10 g) = 4 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 29.2 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x9x12)/Cube 0: Measurement grid:
 dx=4mm, dy=4mm, dz=2mm
 Reference Value = 101.5 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 81.2 W/kg
 SAR(1 g) = 17.2 W/kg; SAR(10 g) = 4.74 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 45.8 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 47.2 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/3/2016 9:12:08 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5750B-160503-06
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 19.8 (C)
 Serial#: 1027
 Test Freq: 5750.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.23 dB
 Adjusted SAR (1W): 73.90 mW/g (1g)

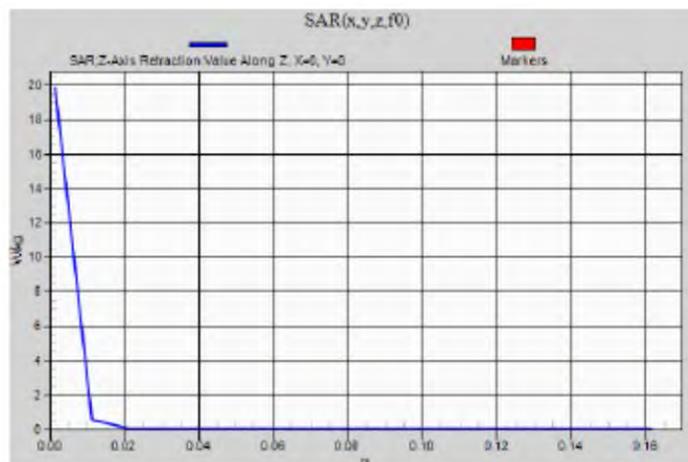
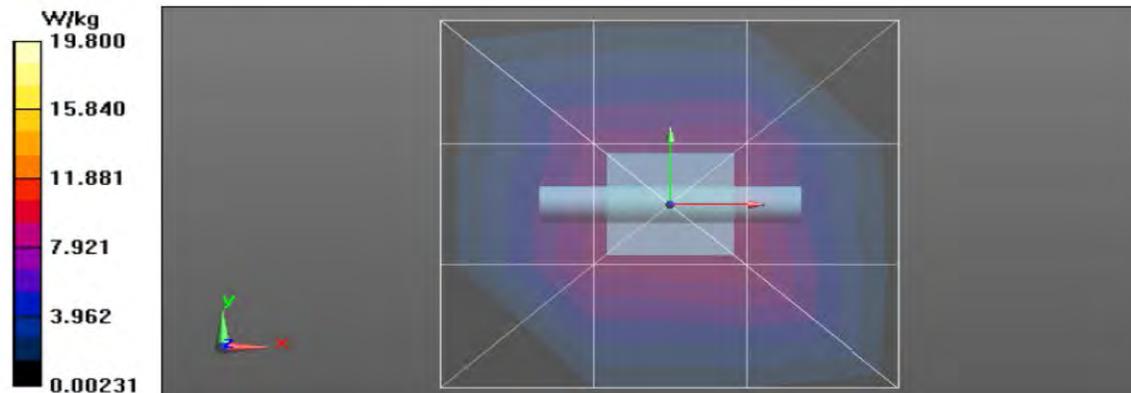
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 6.15$ S/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 65.86 V/m; Power Drift = 0.09 dB
 Fast SAR: SAR(1 g) = 6.97 W/kg; SAR(10 g) = 1.9 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 18.8 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 65.86 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 35.4 W/kg
 SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.1 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 19.8 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/5/2016 9:43:13 AM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5750B-160505-03
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.6 (C)
 Serial#: 1027
 Test Freq: 5750.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.15 dB
 Adjusted SAR (1W): 71.50 mW/g (1g)

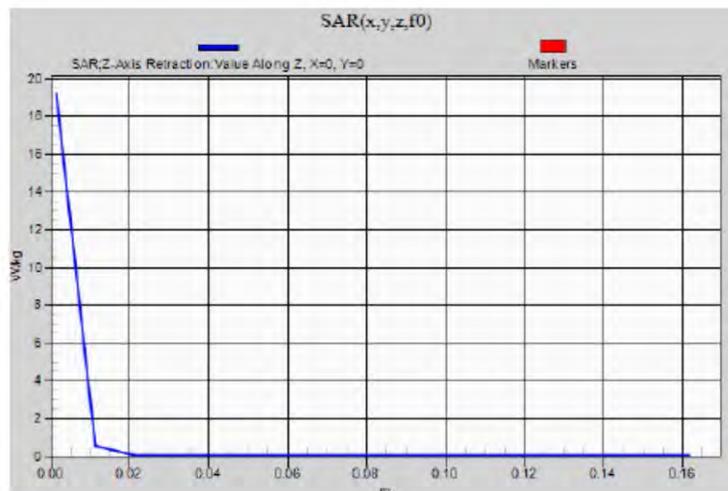
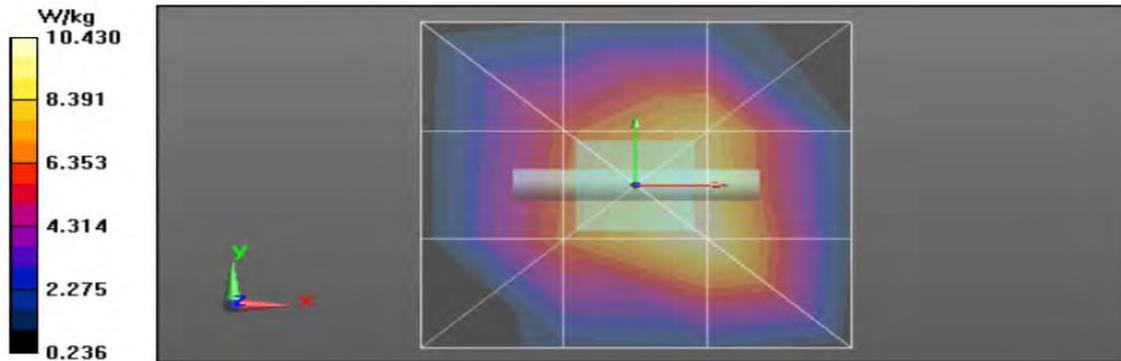
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 6.09$ S/m; $\epsilon_r = 44.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 64.59 V/m; Power Drift = -0.17 dB
 Fast SAR: SAR(1 g) = 6.43 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 17.0 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x9x12)/Cube 0: Measurement grid:
 dx=4mm, dy=4mm, dz=2mm
 Reference Value = 64.59 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 34.1 W/kg
 SAR(1 g) = 7.15 W/kg; SAR(10 g) = 1.97 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 18.2 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 19.2 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/9/2016 10:48:46 AM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5750B-160509-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.3 (C)
 Serial#: 1027
 Test Freq: 5750.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.1 dB
 Adjusted SAR (1W): 74.40 mW/g (1g)

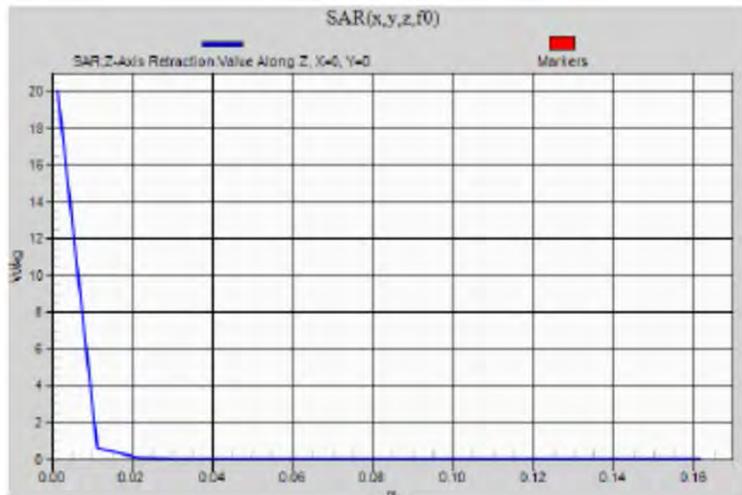
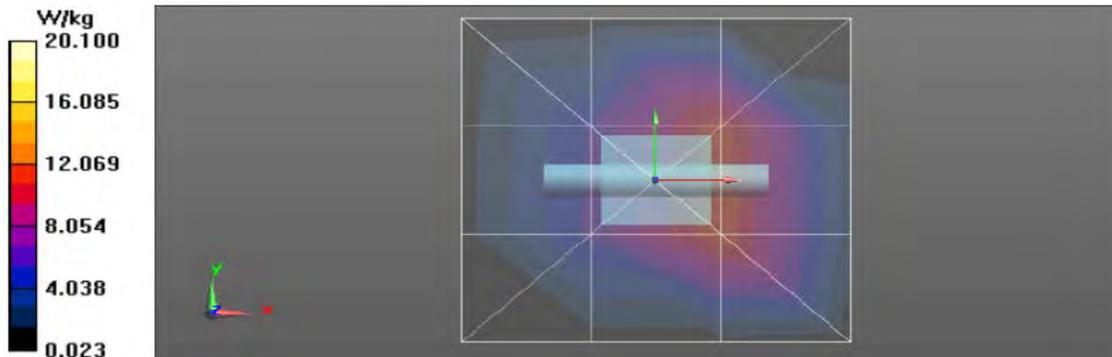
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 43.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 66.29 V/m; Power Drift = 0.04 dB
 Fast SAR: SAR(1 g) = 7.23 W/kg; SAR(10 g) = 1.97 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 19.7 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 66.29 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 35.4 W/kg
 SAR(1 g) = 7.44 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 20.0 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 20.1 W/kg



Motorola Solutions, Inc. EME Laboratory
 Date/Time: 5/12/2016 5:07:11 PM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5750B-160512-05
 Dipole Model# D5GHzV2
 Phantom#: TP1174/2
 Tissue Temp: 20.3 (C)
 Serial#: 1027
 Test Freq: 5750.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.072 dB
 Adjusted SAR (1W): 75.50 mW/g (1g)

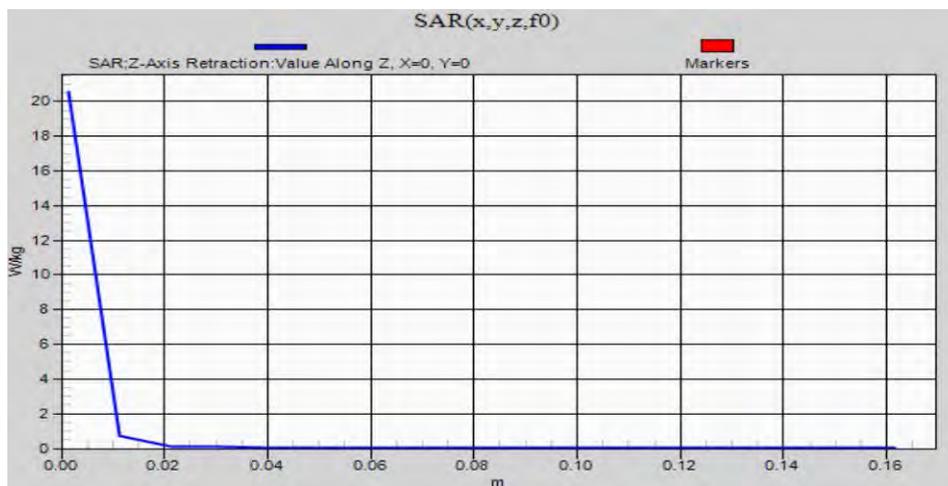
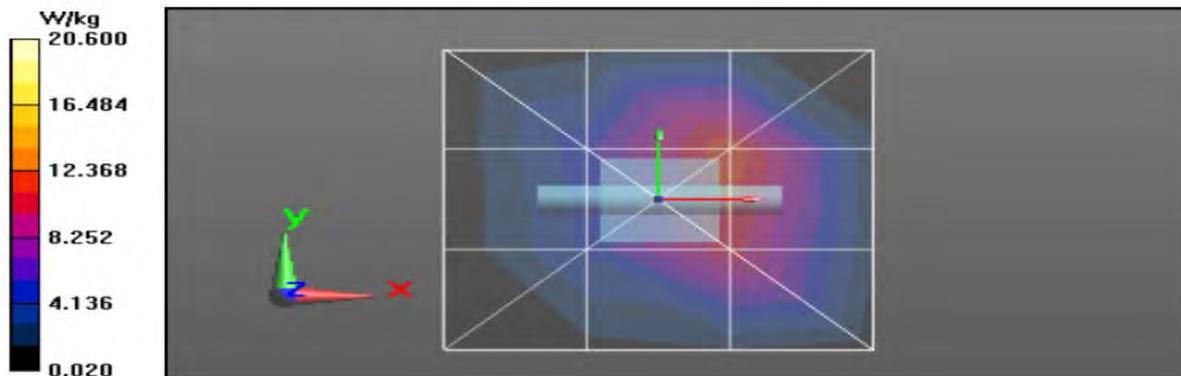
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 6.21$ S/m; $\epsilon_r = 43.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 66.36 V/m; Power Drift = -0.06 dB
 Fast SAR: SAR(1 g) = 6.23 W/kg; SAR(10 g) = 1.8 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 16.5 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 66.36 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 35.5 W/kg
 SAR(1 g) = 7.55 W/kg; SAR(10 g) = 2.1 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.9 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 20.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/26/2016 6:08:41 PM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5250H-160426-12
 Dipole Model# D5GHzV2
 Phantom#: TP1174/1
 Tissue Temp: 19.4 (C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.100 dB
 Adjusted SAR (1W): 74.80 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 4.29$ S/m; $\epsilon_r = 33.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, Frequency: 5250 MHz, ConvF(4.87, 4.87, 4.87); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:

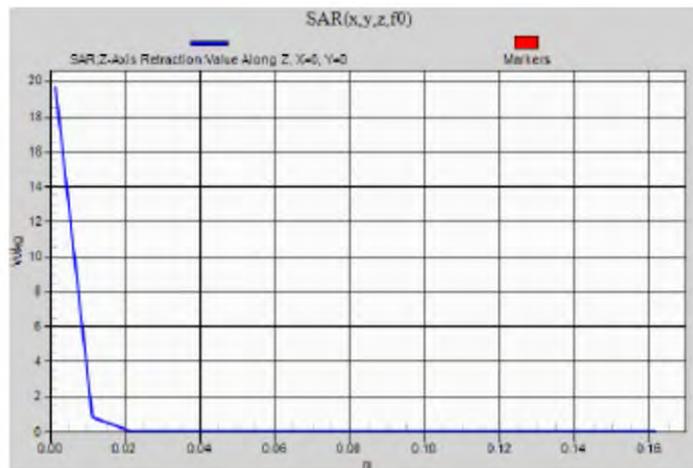
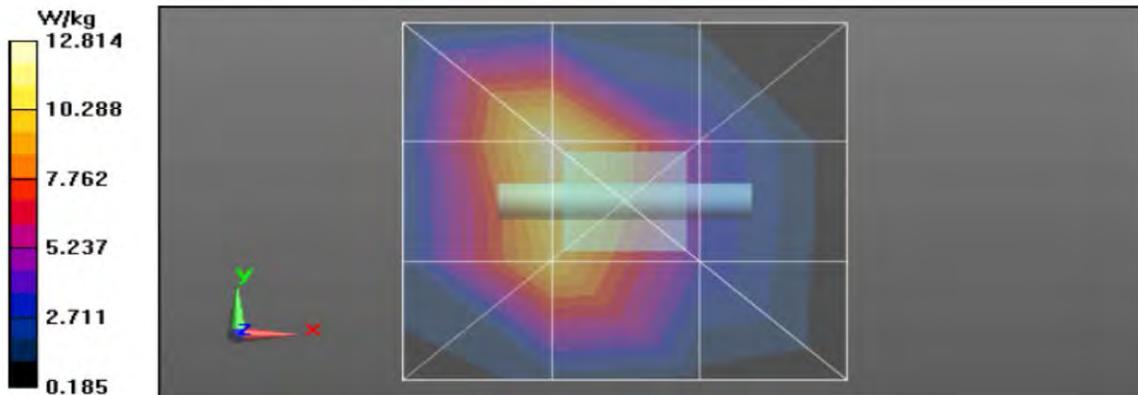
dx=1.200 mm, dy=1.200 mm
 Reference Value = 73.11 V/m; Power Drift = 0.01 dB
 Fast SAR: SAR(1 g) = 6.32 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 15.7 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 73.11 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 31.8 W/kg
 SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.12 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 18.7 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 19.7 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/4/2016 6:46:23 AM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5250H-160504-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174/3
 Tissue Temp: 20.2 (C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.082 dB
 Adjusted SAR (1W): 72.70 mW/g (1g)

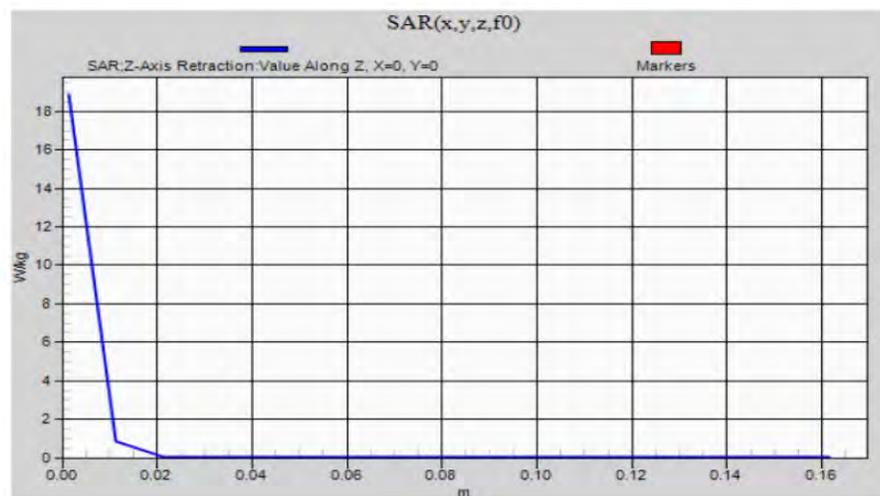
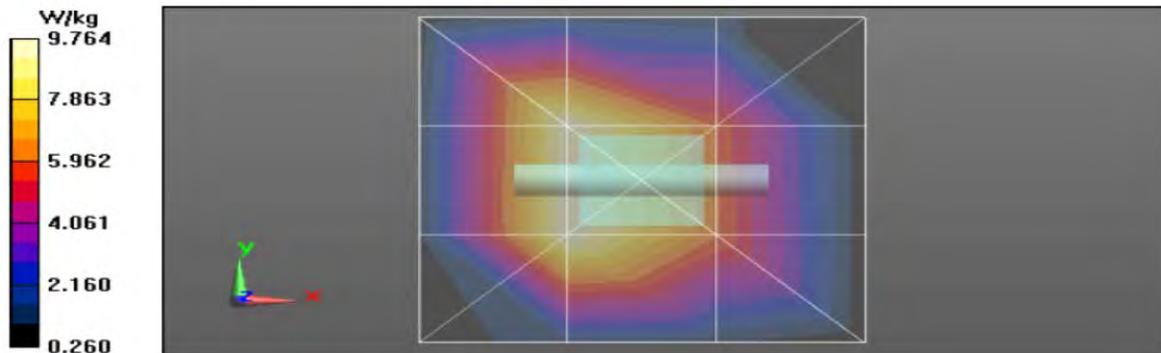
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 4.41$ S/m; $\epsilon_r = 33.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, Frequency: 5250 MHz, ConvF(4.87, 4.87, 4.87); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 71.93 V/m; Power Drift = 0.04 dB
 Fast SAR: SAR(1 g) = 6.77 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 17.0 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 71.93 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 31.1 W/kg
 SAR(1 g) = 7.27 W/kg; SAR(10 g) = 2.08 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 18.7 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 18.9 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 6:36:00 AM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5250H-160510-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174/3
 Tissue Temp: 20.5 (C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.098 dB
 Adjusted SAR (1W): 75.90 mW/g (1g)

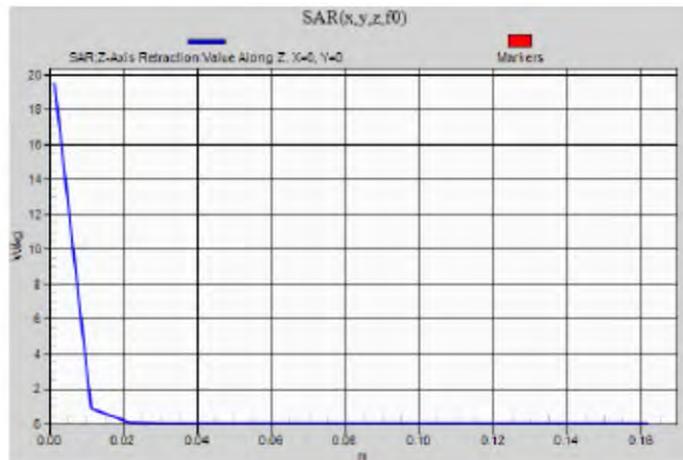
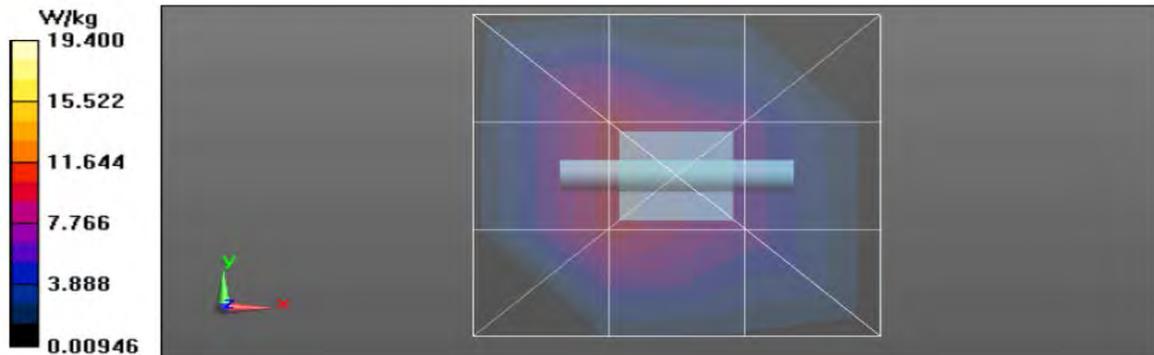
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 4.5$ S/m; $\epsilon_r = 34.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, Frequency: 5250 MHz, ConvF(4.87, 4.87, 4.87); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 71.92 V/m; Power Drift = -0.03 dB
 Fast SAR: SAR(1 g) = 7 W/kg; SAR(10 g) = 1.98 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 17.6 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 71.92 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 32.2 W/kg
 SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.3 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 19.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/25/2016 7:09:59 AM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5500H-160425-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174/3
 Tissue Temp: 21.3(C)
 Serial#: 1027
 Test Freq: 5500.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.087 dB
 Adjusted SAR (1W): 80 mW/g (1g)

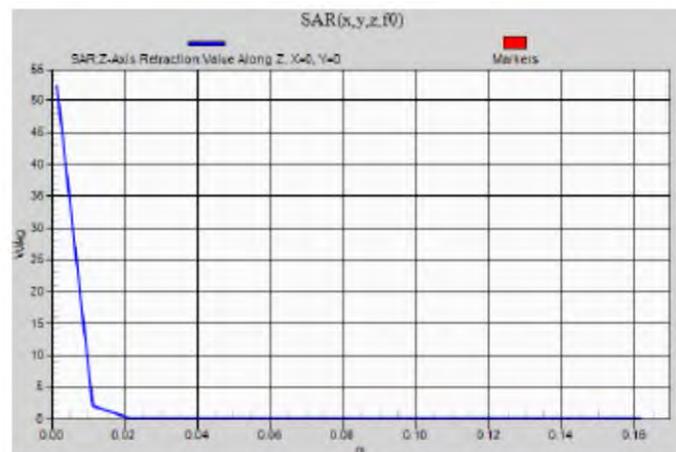
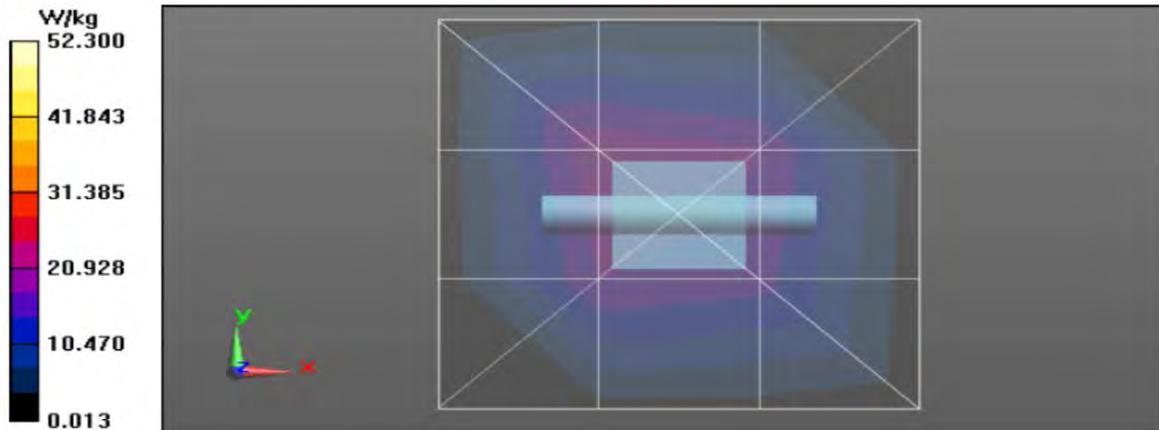
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 4.71$ S/m; $\epsilon_r = 33.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(4.49, 4.49, 4.49); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 116.1 V/m; Power Drift = 0.04 dB
 Fast SAR: SAR(1 g) = 19.3 W/kg; SAR(10 g) = 5.28 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 41.7 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 116.1 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 85.6 W/kg
 SAR(1 g) = 20 W/kg; SAR(10 g) = 5.68 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 48.8 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 52.3 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 2:38:31 PM

Robot#: DASY5-PG-4 | Run#: KBK-SYSP-5500H-160510-06
 Dipole Model# D5GHzV2
 Phantom#: TP1174/3
 Tissue Temp: 19.4 (C)
 Serial#: 1027
 Test Freq: 5500.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.092 dB
 Adjusted SAR (1W): 72.80 mW/g (1g)

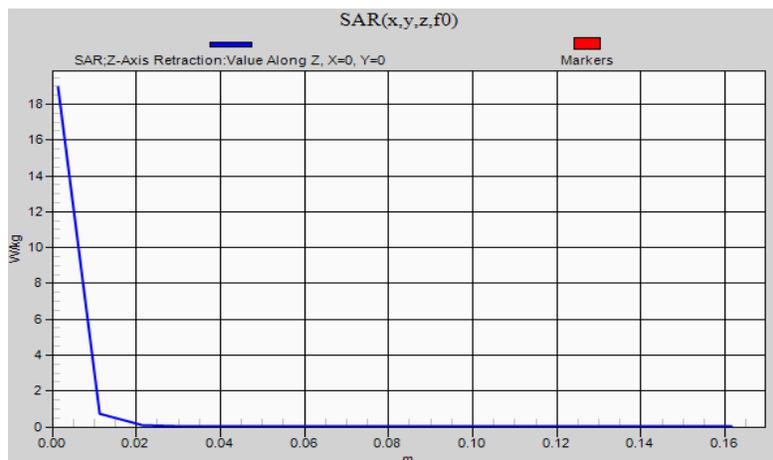
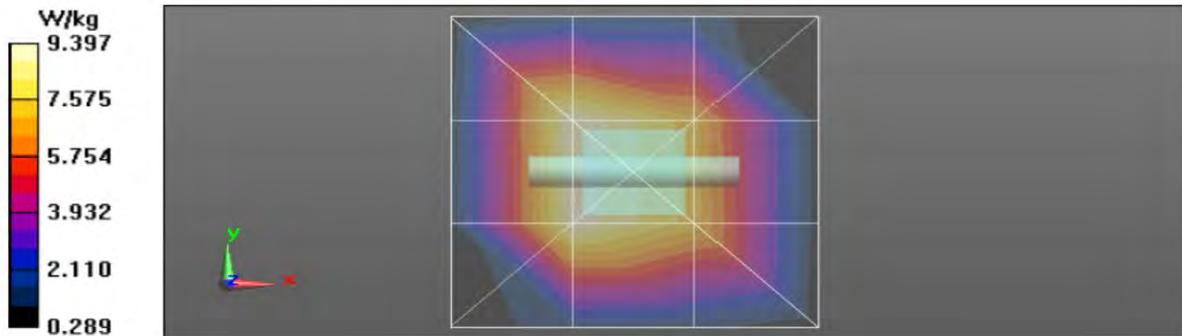
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 4.74$ S/m; $\epsilon_r = 33.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(4.49, 4.49, 4.49); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 70.69 V/m; Power Drift = -0.18 dB
 Fast SAR: SAR(1 g) = 7.23 W/kg; SAR(10 g) = 1.99 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 19.0 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 70.69 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 31.7 W/kg
 SAR(1 g) = 7.28 W/kg; SAR(10 g) = 2.07 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 18.4 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 18.9 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 4/26/2016 7:13:52 PM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5750H-160426-13
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/3
 Tissue Temp: 19.1 (C)
 Serial#: 1027
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.094 dB
 Adjusted SAR (1W): 75.40 mW/g (1g)

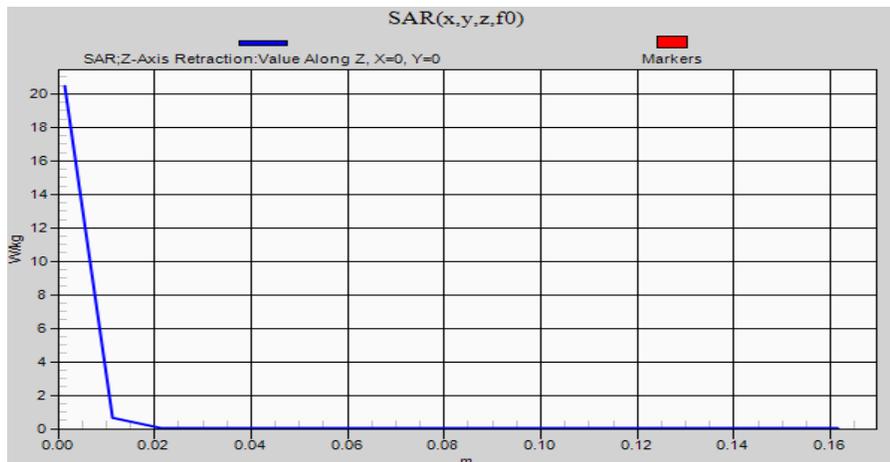
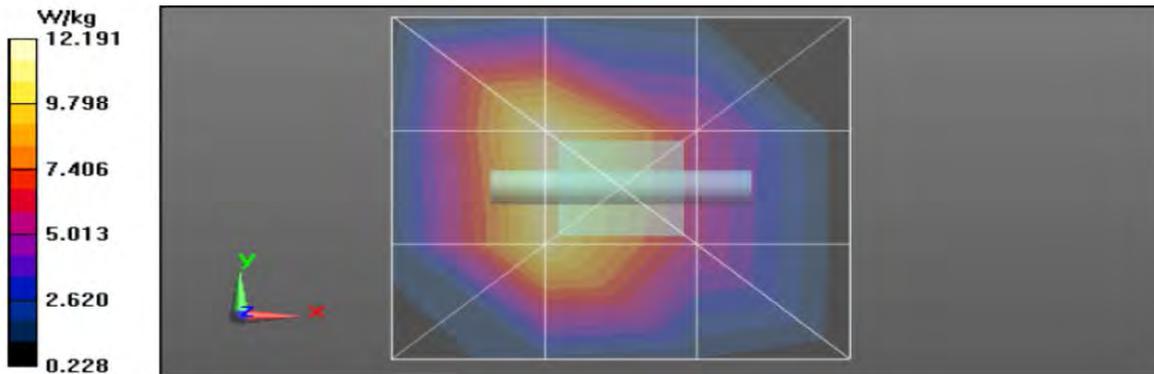
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 4.78$ S/m; $\epsilon_r = 32.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(4.45, 4.45, 4.45); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 72.00 V/m; Power Drift = -0.06 dB
 Fast SAR: SAR(1 g) = 6.56 W/kg; SAR(10 g) = 1.9 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 17.3 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 72.00 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 35.2 W/kg
 SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.14 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.9 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 20.5 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 8:50:20 PM

Robot#: DASY5-PG-4 | Run#: FD-SYSP-5750H-160510-11
 Dipole Model#: D5GHzV2
 Phantom#: TP1174/3
 Tissue Temp: 19.0 (C)
 Serial#: 1027
 Test Freq: 5750.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.082 dB
 Adjusted SAR (1W): 75.30 mW/g (1g)

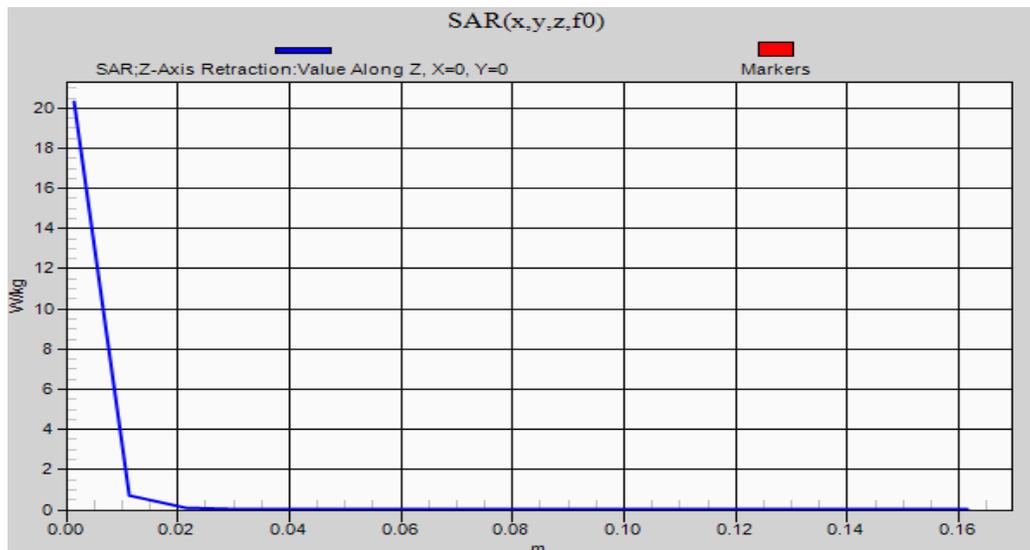
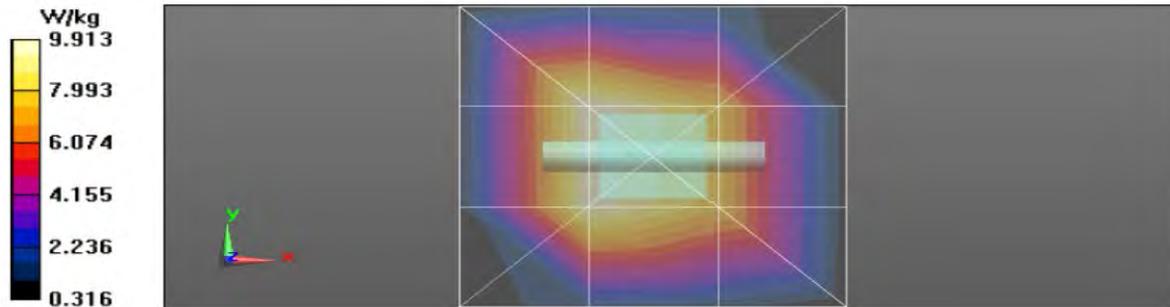
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 5.03$ S/m; $\epsilon_r = 32.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(4.45, 4.45, 4.45); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Reference Value = 70.34 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.01 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 19.7 W/kg

4-6 GHz-Rev.4/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid:
 dx=4mm, dy=4mm, dz=2mm
 Reference Value = 70.34 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 35.2 W/kg
SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.13 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 19.8 W/kg

4-6 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:
 dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 20.3 W/kg



Appendix E

DUT Scans

**WLAN Assessments at the Body 5 GHz (802.11 ac/n)
Assessments at the Body U-NII-2A with all offered Body worn
Table 17**

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/8/2016 10:46:28 AM

Robot#: DASY5-PG-4 | Run: KBK-AB-160508-04
 Model#: HK2061A (Si300)
 Phantom#: TP1174-2
 Tissue Temp: 20.7 (C)
 Serial#: 372TSD0262
 Antenna: AN000154A01
 Test Freq: 5290.0000 (MHz)
 Battery: PMNN4508A Extended
 Carry Acc: HW000331A02 back
 Audio Acc: None
 Start Power: 23.2 (W)

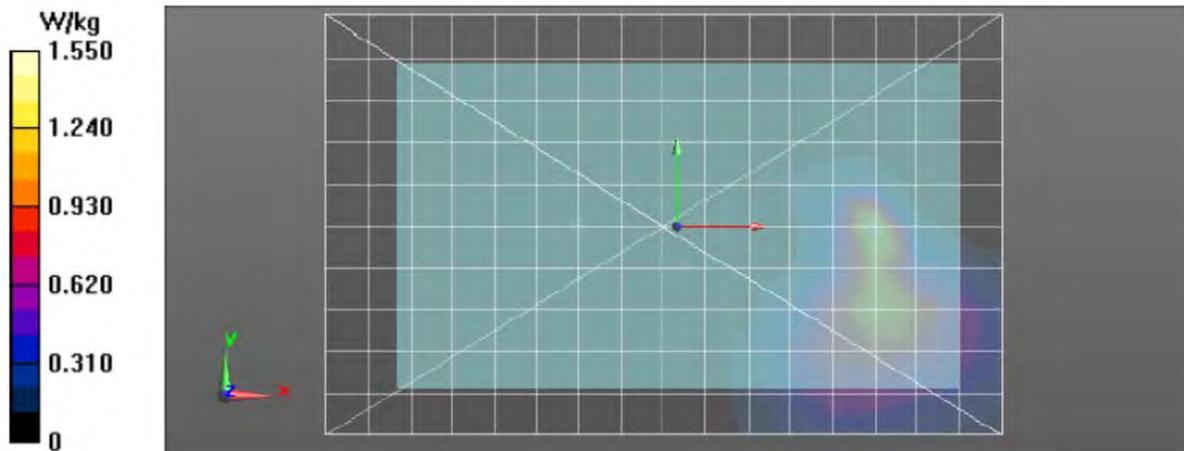
Comments:

Duty Cycle: 1:7.63836, Medium parameters used: $f = 5290$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 44.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5290 MHz, ConvF(4.1, 4.1, 4.1); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (101x161x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
 Reference Value = 19.29 V/m; Power Drift = -0.19 dB
 Fast SAR: SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.209 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.68 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Zoom Scan (14x10x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 19.29 V/m; Power Drift = -0.40 dB
 Peak SAR (extrapolated) = 2.67 W/kg
 SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.198 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.55 W/kg

4-6 GHz-Rev.4/Full Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm



**Assessments at the Body U-NII-2C with all offered Body worn
Table 18**

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/8/2016 7:26:26 AM

Robot#: DASY5-PG-4 | Run: KBK-AB-160508-02
 Model#: HK2061A (Si300)
 Phantom#: TP1174-2
 Tissue Temp: 20.9 (C)
 Serial#: 372TSD0262
 Antenna: AN000154A01
 Test Freq: 5530.0000 (MHz)
 Battery: PMNN4508A Extended
 Carry Acc: HW000331A02 back
 Audio Acc: None
 Start Power: 24.0 (W)

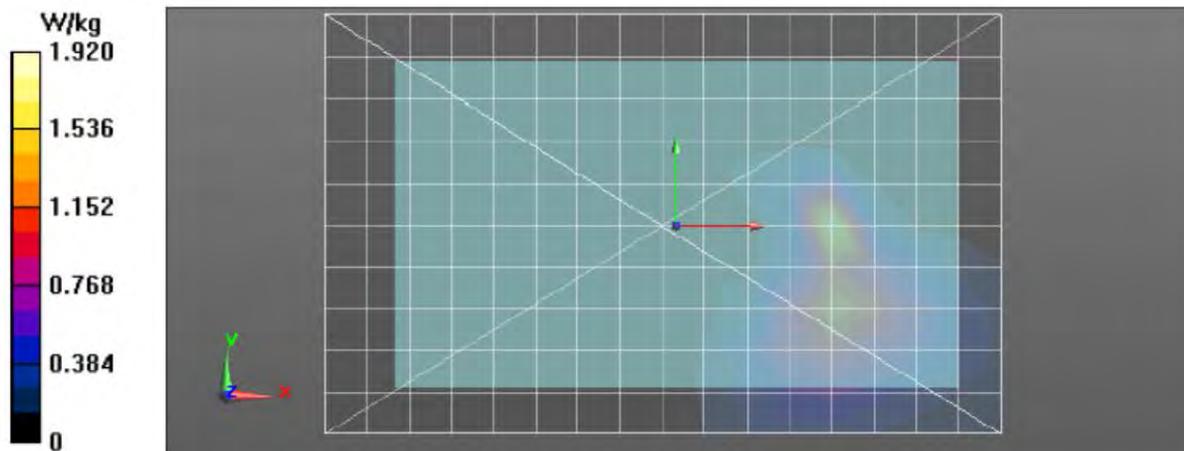
Comments:

Duty Cycle: 1:7.63836, Medium parameters used: $f = 5530$ MHz; $\sigma = 5.83$ S/m; $\epsilon_r = 44.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5530 MHz, ConvF(3.79, 3.79, 3.79); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (101x161x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
 Reference Value = 17.70 V/m; Power Drift = -0.46 dB
 Fast SAR: SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.222 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.81 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Zoom Scan (13x11x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 17.70 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 2.97 W/kg
 SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.225 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.68 W/kg

4-6 GHz-Rev.4/Full Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.92 W/kg



**Assessments at the Body U-NII-3 with all offered Body worn
Table 19**

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/12/2016 7:17:09 PM

Robot#: DASY5-PG-4 | Run: FD-AB-160512-07
 Model#: HK2061A (Si300)
 Phantom#: TP1174-2
 Tissue Temp: 19.8 (C)
 Serial#: 372TSD0262
 Antenna: AN000154A01
 Test Freq: 5775.0000 (MHz)
 Battery: PMNN4508A Extended
 Carry Acc: HW000331A02 back
 Audio Acc: None
 Start Power: 24.8 (W)

Comments:

Duty Cycle: 1:7.63836, Medium parameters used: $f = 5775$ MHz; $\sigma = 6.25$ S/m; $\epsilon_r = 43.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5775 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (101x151x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

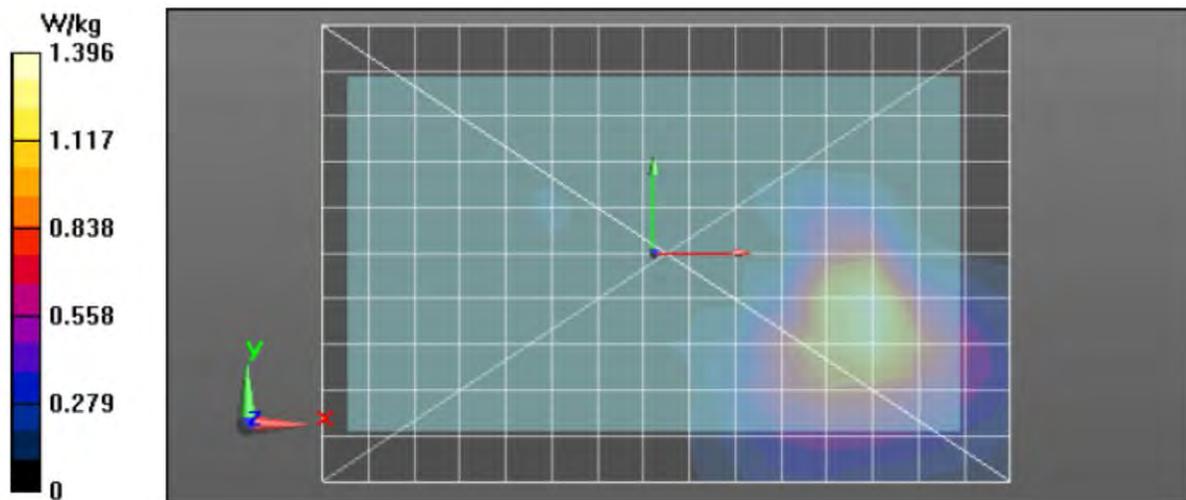
Reference Value = 15.62 V/m; Power Drift = -0.19 dB
 Fast SAR: SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.235 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.58 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.62 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 2.70 W/kg
 SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.243 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.64 W/kg

4-6 GHz-Rev.4/Full Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 1.73 W/kg



WLAN Assessments at the Face 5 GHz (802.11 ac/n)
Assessments at the Face U-NII-2A
Table 20

Motorola Solutions, Inc. EME Laboratory
 Date/Time: 5/4/2016 10:17:01 AM

Robot#: DASY5-PG-4 | Run: FD-FACE-160504-04
 Model#: HK2061A (Si300)
 Phantom#: TP1174/3
 Tissue Temp: 20.5 (C)
 Serial#: 372TSD0262
 Antenna: AN000154A01
 Test Freq: 5290.0000 (MHz)
 Battery: Extended PMNN4508A
 Carry Acc: Back @ 2.5cm
 Audio Acc: None
 Start Power: 23.2 (W)

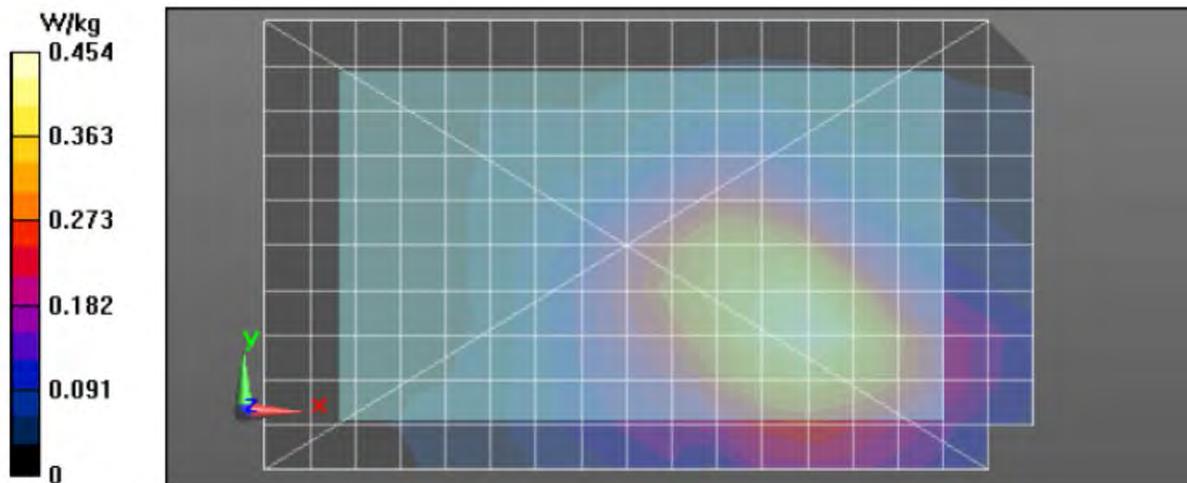
Comments:

Duty Cycle: 1:7.63836, Medium parameters used: $f = 5290$ MHz; $\sigma = 4.45$ S/m; $\epsilon_r = 33.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5290 MHz, ConvF(4.73, 4.73, 4.73); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/Full Face Scan/1-Area Scan (101x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
 Reference Value = 9.691 V/m; Power Drift = -0.53 dB
 Fast SAR: SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.094 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.458 W/kg

4-6 GHz-Rev.4/Full Face Scan/3-Zoom Scan (9x9x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 9.691 V/m; Power Drift = -0.53 dB
 Peak SAR (extrapolated) = 0.674 W/kg
 SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.087 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.422 W/kg

4-6 GHz-Rev.4/Full Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.415 W/kg



**Assessments at the Face U-NII-2C
Table 21**

**Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/10/2016 4:41:25 PM**

Robot#: DASY5-PG-4 | Run: FD-FACE-160510-08
 Model#: HK2061A (Si300)
 Phantom#: TP1174-3
 Tissue Temp: 18.9 (C)
 Serial#: 372TSD0262
 Antenna: AN000154A01
 Test Freq: 5530.0000 (MHz)
 Battery: PMNN4508A Extended
 Carry Acc: Back @ 2.5cm
 Audio Acc: None
 Start Power: 24.0 (W)

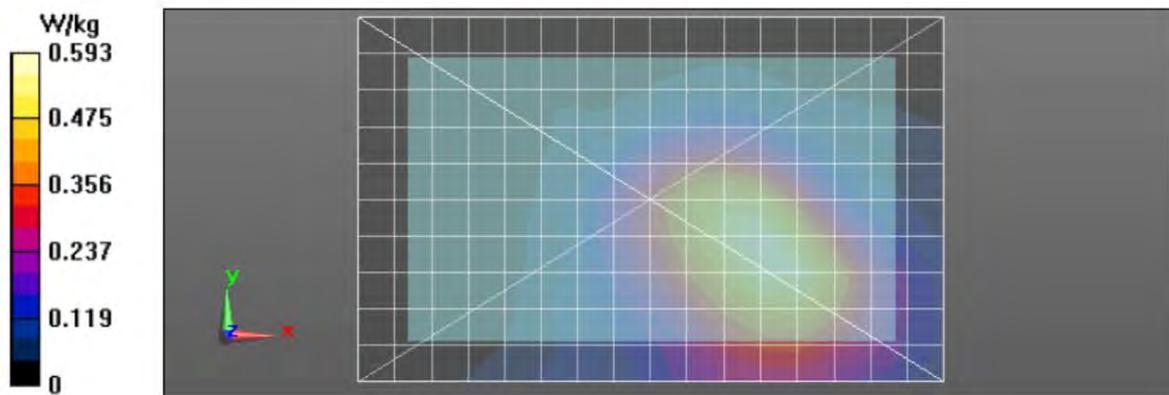
Comments:

Duty Cycle: 1:7.63836, Medium parameters used: $f = 5530$ MHz; $\sigma = 4.77$ S/m; $\epsilon_r = 33.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5530 MHz, ConvF(4.49, 4.49, 4.49); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/Full Face Scan/1-Area Scan (101x161x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
 Reference Value = 11.32 V/m; Power Drift = -0.47 dB
 Fast SAR: SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.118 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.601 W/kg

4-6 GHz-Rev.4/Full Face Scan/3-Zoom Scan (9x9x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 11.32 V/m; Power Drift = -0.52 dB
 Peak SAR (extrapolated) = 0.875 W/kg
 SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.114 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.567 W/kg

4-6 GHz-Rev.4/Full Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.562 W/kg



**Assessments at the Face U-NII-3
Table 22**

**Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/11/2016 7:21:58 AM**

Robot#: DASY5-PG-4 | Run: KBK-FACE-160511-02
 Model#: HK2061A (Si300)
 Phantom#: TP1174-3
 Tissue Temp: 20.9 (C)
 Serial#: 372TSD0262
 Antenna: AN000154A01
 Test Freq: 5775.0000 (MHz)
 Battery: PMNN4508A Extended
 Carry Acc: Back @ 2.5cm
 Audio Acc: None
 Start Power: 24.8 (W)

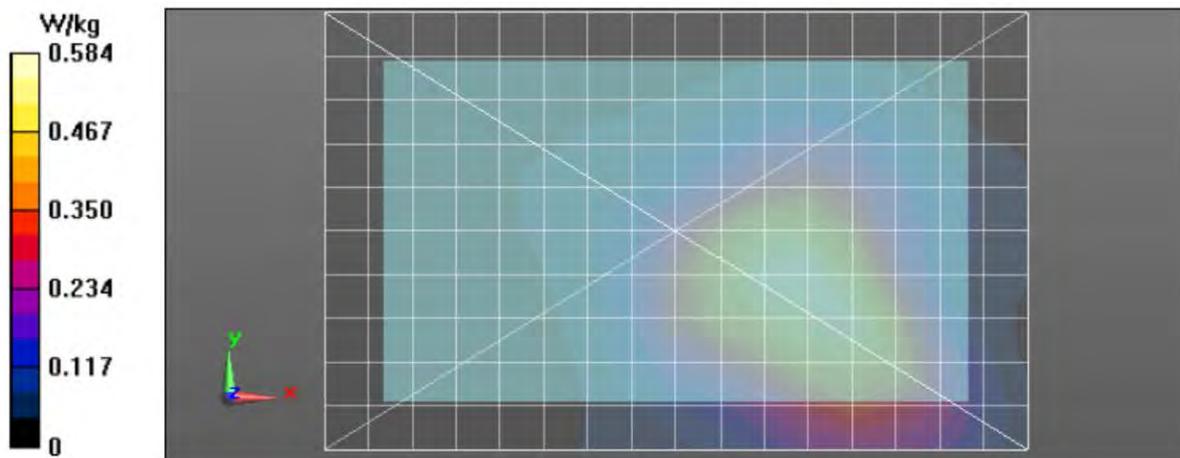
Comments:

Duty Cycle: 1:7.63836, Medium parameters used: $f = 5775$ MHz; $\sigma = 5.06$ S/m; $\epsilon_r = 32.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5775 MHz, ConvF(4.45, 4.45, 4.45); Calibrated: 11/25/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/Full Face Scan/1-Area Scan (101x161x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
 Reference Value = 10.84 V/m; Power Drift = -0.24 dB
 Fast SAR: SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.114 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.593 W/kg

4-6 GHz-Rev.4/Full Face Scan/3-Zoom Scan (9x10x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 10.84 V/m; Power Drift = -0.30 dB
 Peak SAR (extrapolated) = 0.905 W/kg
 SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.123 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.594 W/kg

4-6 GHz-Rev.4/Full Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.584 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/11/2016 4:00:43 PM

Robot#: DASY5-PG-4 | Run: FD-AB-160511-07
 Model#: HK2061A (Si300)
 Phantom#: TP1174-2
 Tissue Temp: 19.9 (C)
 Serial#: 372TSD0262
 Antenna: AN000154A01
 Test Freq: 5530.0000 (MHz)
 Battery: PMNN4508A Extended
 Carry Acc: HW000331A02 back
 Audio Acc: None
 Start Power: 24.0 (W)

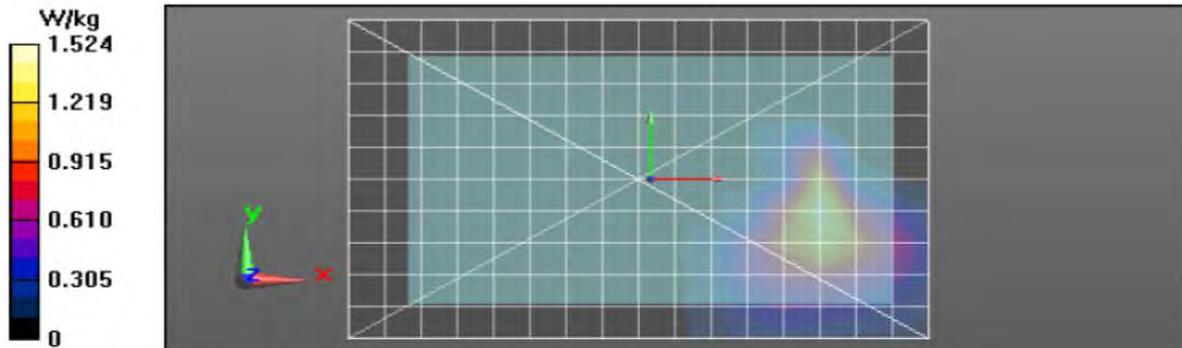
Comments: Shorten Scan

Duty Cycle: 1:7.63836, Medium parameters used: $f = 5530$ MHz; $\sigma = 5.88$ S/m; $\epsilon_r = 44.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5530 MHz, ConvF(3.79, 3.79, 3.79); Calibrated: 7/16/2015
 Electronics: DAE4 Sn850, Calibrated: 8/24/2015

4-6 GHz-Rev.4/Shortened Ab Scan/1-Area Scan (101x161x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
 Reference Value = 17.36 V/m; Power Drift = -0.19 dB
 Fast SAR: SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.238 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.61 W/kg

4-6 GHz-Rev.4/Shortened Ab Scan/3-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 18.73 V/m; Power Drift = -0.32 dB
 Peak SAR (extrapolated) = 2.62 W/kg
 SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.230 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.56 W/kg

4-6 GHz-Rev.4/Shortened Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.61 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)	23	24	0.80	0.28
Full scan (area & zoom)	18	50	0.81	0.26

APPENDIX G
DUT Test Position Photos

1.0 Highest SAR Test Position per body location

1.1 Body

Back of DUT with offered extended battery PMNN4508A and body worn HW000331A02 against the phantom. Same position used for front of DUT facing phantom and other applicable offered battery. Minimum test separation distance as shown below:



1.2 Face

Back of DUT with offered extended battery PMNN4508A separated 2.5cm from the phantom. Same position used for other applicable offered battery. Minimum test separation distance as shown below:

