

 MOTOROLA SOLUTIONS	 MS ISO/IEC 17025 TESTING SAMM No.0826																																				
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: 12/14/2017 Report Revision: B																																				
<table> <tr> <td>Responsible Engineer:</td> <td>Chang Chi Chern (EME Engineer)</td> </tr> <tr> <td>Report Author:</td> <td>Chang Chi Chern (EME Engineer)</td> </tr> <tr> <td>Date/s Tested:</td> <td>8/22/2017 – 12/14/2017</td> </tr> <tr> <td>Manufacturer:</td> <td>Motorola Solutions Inc.</td> </tr> <tr> <td>DUT Description:</td> <td>Si500 (Fusion), display, BT, 5GHz WiFi</td> </tr> <tr> <td>Test TX mode(s):</td> <td>WLAN 802.11b/g/n (2.4 GHz), WLAN 802.11 ac/n (5 GHz), Bluetooth, Bluetooth LE</td> </tr> <tr> <td>Max. Power output:</td> <td>Refer to Part 1. Table 3</td> </tr> <tr> <td>Nominal Power:</td> <td>Refer to Part 1, Table 3</td> </tr> <tr> <td>Tx Frequency Bands:</td> <td>WLAN 2.4 GHz 802.11 b/g/n, WLAN 5 GHz 802.11 ac/n, Bluetooth, Bluetooth LE</td> </tr> <tr> <td>Signaling type:</td> <td>DSSS, OFDM & FHSS (Bluetooth)</td> </tr> <tr> <td>Model(s) Tested:</td> <td>N7001A</td> </tr> <tr> <td>Model(s) Certified:</td> <td>N7001A</td> </tr> <tr> <td>Serial Number(s):</td> <td>372P2B0020, 372P2B0043, 372TTX0098</td> </tr> <tr> <td>Classification:</td> <td>Occupational / Controlled (comply with General Population / Uncontrolled limit)</td> </tr> <tr> <td>FCC ID:</td> <td>AZ489FT7105; WLAN 2.4 GHz 802.11 b/g/n, WLAN 5 GHz 802.11 ac/n, Bluetooth, Bluetooth LE. This report contains results that are immaterial for FCC equipment approval, which are clearly identified.</td> </tr> <tr> <td>IC:</td> <td>109U-89FT7105; This report contains results that are immaterial for IC equipment approval, which are clearly identified.</td> </tr> <tr> <td>FCC Test Firm Registration Number:</td> <td>823256</td> </tr> <tr> <td>ISED Test Site registration:</td> <td>109AK</td> </tr> </table> 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 FCC 47 CFR § 2.1093		Responsible Engineer:	Chang Chi Chern (EME Engineer)	Report Author:	Chang Chi Chern (EME Engineer)	Date/s Tested:	8/22/2017 – 12/14/2017	Manufacturer:	Motorola Solutions Inc.	DUT Description:	Si500 (Fusion), display, BT, 5GHz WiFi	Test TX mode(s):	WLAN 802.11b/g/n (2.4 GHz), WLAN 802.11 ac/n (5 GHz), Bluetooth, Bluetooth LE	Max. Power output:	Refer to Part 1. Table 3	Nominal Power:	Refer to Part 1, Table 3	Tx Frequency Bands:	WLAN 2.4 GHz 802.11 b/g/n, WLAN 5 GHz 802.11 ac/n, Bluetooth, Bluetooth LE	Signaling type:	DSSS, OFDM & FHSS (Bluetooth)	Model(s) Tested:	N7001A	Model(s) Certified:	N7001A	Serial Number(s):	372P2B0020, 372P2B0043, 372TTX0098	Classification:	Occupational / Controlled (comply with General Population / Uncontrolled limit)	FCC ID:	AZ489FT7105; WLAN 2.4 GHz 802.11 b/g/n, WLAN 5 GHz 802.11 ac/n, Bluetooth, Bluetooth LE. This report contains results that are immaterial for FCC equipment approval, which are clearly identified.	IC:	109U-89FT7105; This report contains results that are immaterial for IC equipment approval, which are clearly identified.	FCC Test Firm Registration Number:	823256	ISED Test Site registration:	109AK
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Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report. This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory. I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.																																					
 Deanna Zakharia EME Lab Senior Resource Manager, Laboratory Director Approval Date: 12/15/2017																																					

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/22/2017 12:11:06 AM

Robot#: DASY5-PG-1 | Run#: FD(FAZ)-SYSP-2450B-170822-01#
Dipole Model# D2450V2
Phantom#: TP1174-1
Tissue Temp: 21.1 (C)
Serial#: 782
Test Freq: 2450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.13 dB
Adjusted SAR (1W): 49.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 47.7$; $\rho = 1000$ 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 (41x81x1): Interpolated

grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 93.64 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.77 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 17.1 W/kg

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

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

Reference Value = 93.64 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 24.3 W/kg

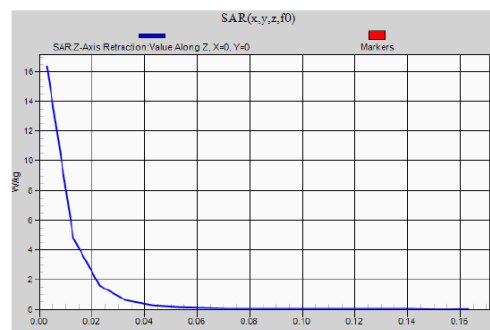
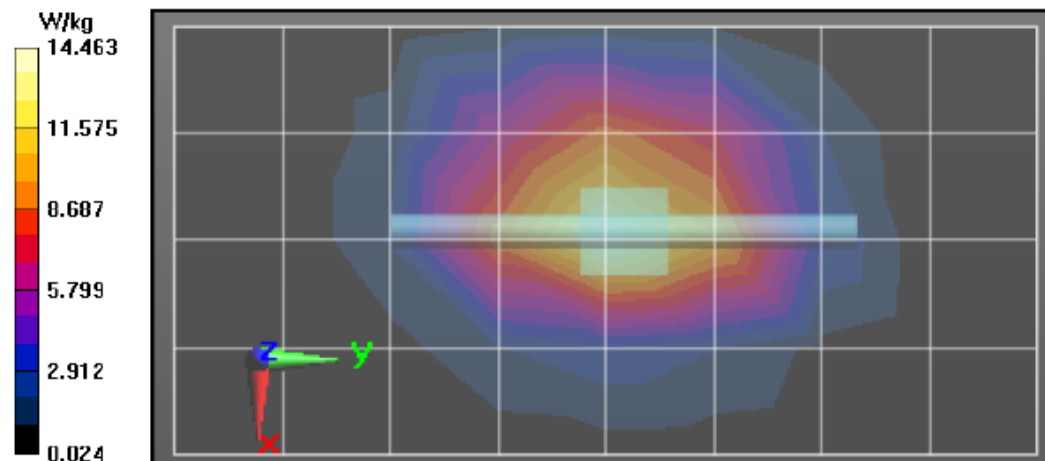
SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.89 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 16.1 W/kg

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

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

Maximum value of SAR (measured) = 16.4 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/23/2017 1:09:38 AM

Robot#: DASY5-PG-1 | Run#: FIE(FAZ)-SYSP-2450B-170823-01
 Dipole Model#: D2450V2
 Phantom#: TP1174-1
 Tissue Temp: 21.1 (C)
 Serial#: 782
 Test Freq: 2450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.15 dB
 Adjusted SAR (1W): 49.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 48.6$; $\rho = 1000$ 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 (41x81x1): Interpolated

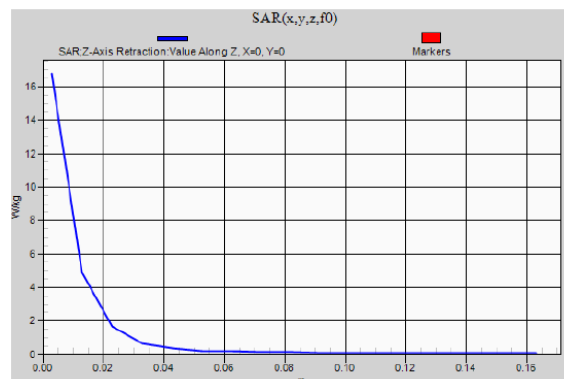
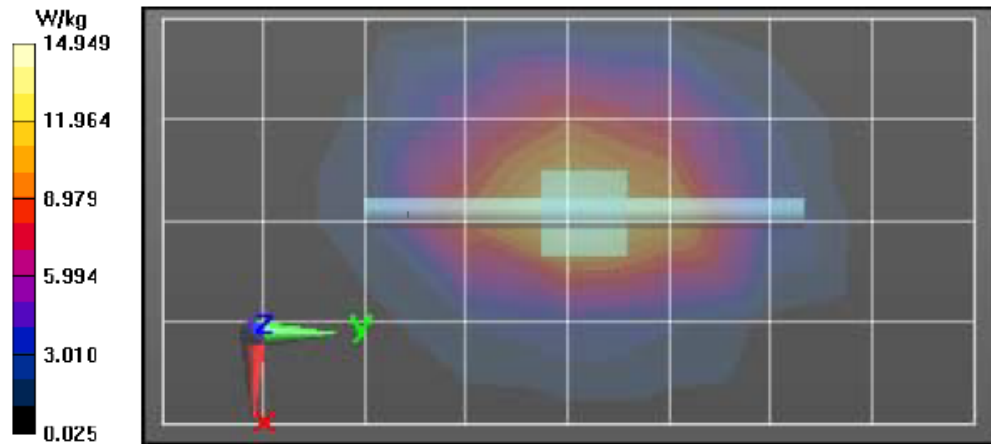
grid: dx=1.200 mm, dy=1.200 mm
 Reference Value = 92.53 V/m; Power Drift = -0.01 dB
 Fast SAR: SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.82 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 17.6 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 92.53 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 24.7 W/kg
 SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.9 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 16.4 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 16.8 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/9/2017 10:20:33 AM

Robot#: DASY5-PG-1 | Run#: FD(BL)-SYSP-2450B-171009-01
 Dipole Model#: D2450V2
 Phantom#: TP1174/3
 Tissue Temp: 20.7 (C)
 Serial#: 782
 Test Freq: 2450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.250 dB
 Adjusted SAR (1W): 49.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ 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 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x61x1):

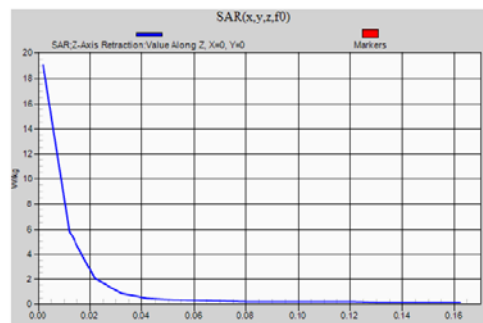
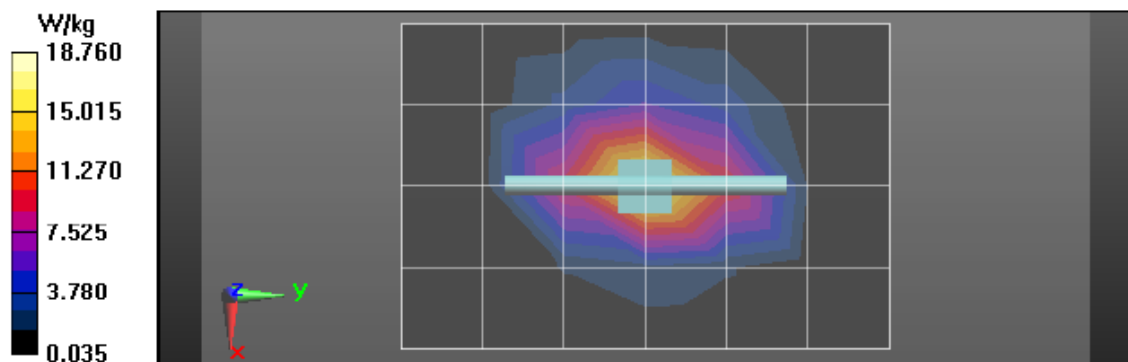
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 98.89 V/m; Power Drift = 0.01 dB
 Fast SAR: SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.51 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 19.9 W/kg

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

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
 Reference Value = 98.89 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 24.0 W/kg
 SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.92 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 18.9 W/kg

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

Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm
 Maximum value of SAR (measured) = 19.1 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/29/2017 2:31:13 PM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-2450B-171129-08
 Dipole Model#: D2450V2
 Phantom#: ELI5 1147
 Tissue Temp: 20.9 (C)
 Serial#: 782
 Test Freq: 2450 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.210 dB
 Adjusted SAR (1W): 50.40 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

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

grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 99.79 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.83 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.1 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 = 99.79 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 23.2 W/kg

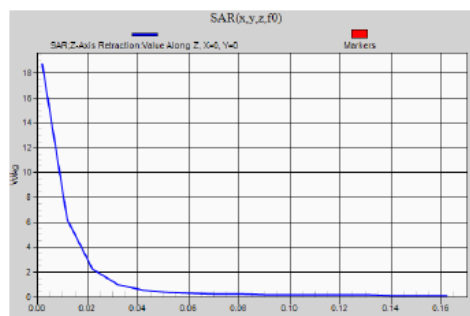
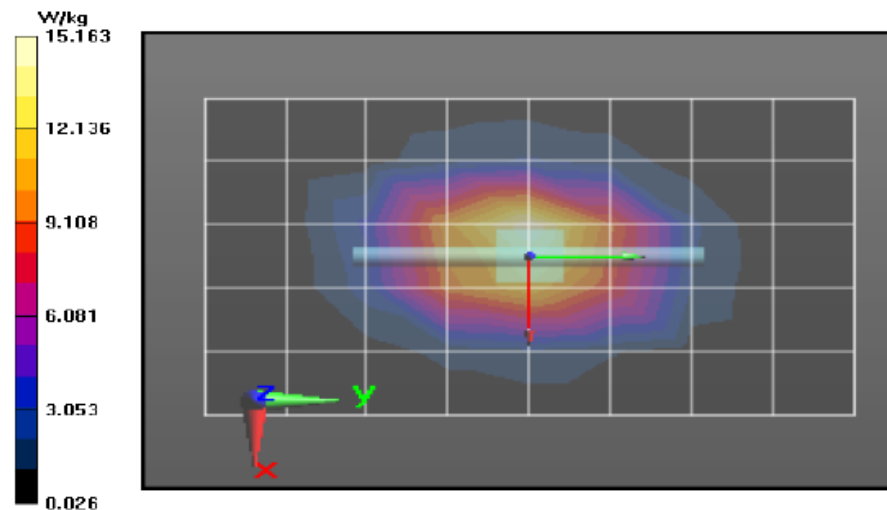
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 6.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 18.5 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) = 18.7 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/14/2017 7:44:45 PM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-2450B-171214-18
 Dipole Model#: D2450V2
 Phantom#: ELI5 1147
 Tissue Temp: 21.5 (C)
 Serial#: 782
 Test Freq: 2450 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.210 dB
 Adjusted SAR (1W): 50.80 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2450 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

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

grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 100.3 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.88 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.3 W/kg

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

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

Reference Value = 100.3 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 23.3 W/kg

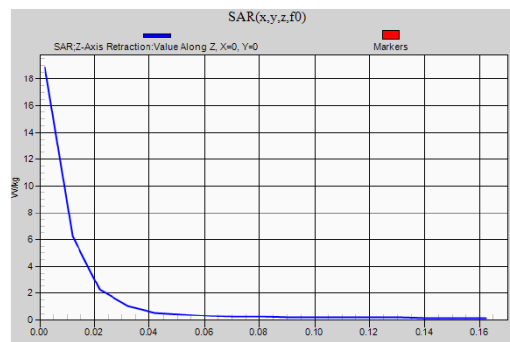
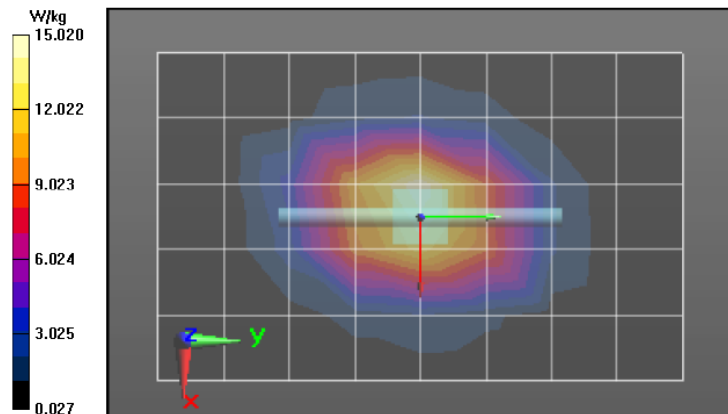
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.22 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 18.8 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) = 18.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/29/2017 9:04:30 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-5250B-170829-05
 Dipole Model#: D5GHzV2
 Phantom#: TP1174-1
 Tissue Temp: 20.8 (C)
 Serial#: 1026
 Test Freq: 5250.000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.23 dB
 Adjusted SAR (1W): 75.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.58$ S/m; $\epsilon_r = 45.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.35, 4.35, 4.35); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 64.64 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 7.22 W/kg; SAR(10 g) = 1.99 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 18.6 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 = 64.64 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 27.6 W/kg

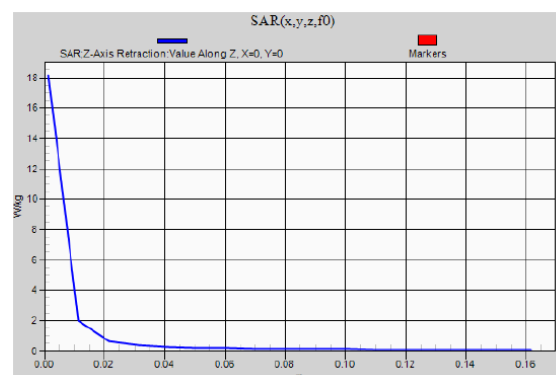
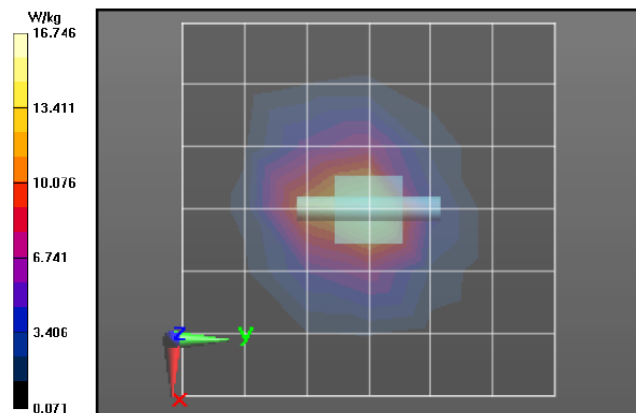
SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.17 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 17.7 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) = 18.1 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/30/2017 9:17:56 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-5250B-170830-07
Dipole Model# D5GHzV2
Phantom#: TP1174-1
Tissue Temp: 20.2 (C)
Serial#: 1026
Test Freq: 5250.000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.2 dB
Adjusted SAR (1W): 74.30 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.6$ S/m; $\epsilon_r = 44.9$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3735, Frequency: 5250 MHz, ConvF(4.35, 4.35, 4.35); Calibrated: 3/10/2017
Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 64.55 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 7.25 W/kg; SAR(10 g) = 1.99 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 (8x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 64.55 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 28.4 W/kg

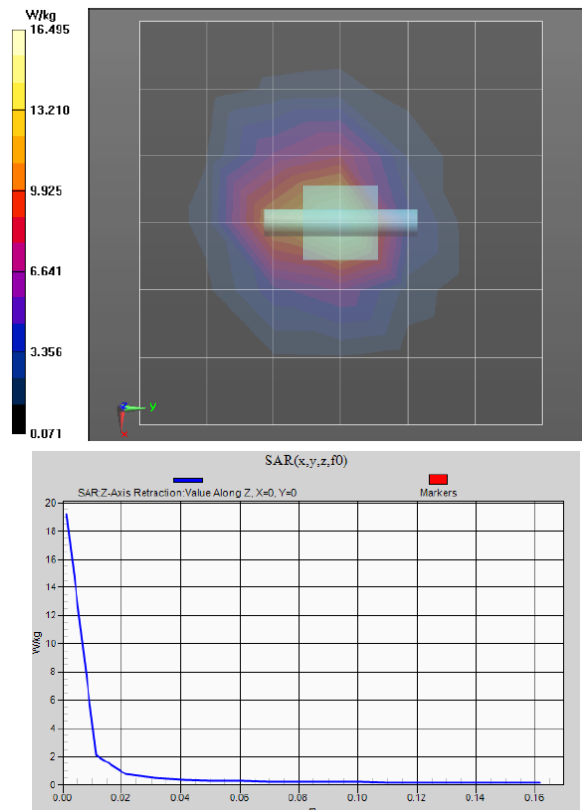
SAR(1 g) = 7.43 W/kg; SAR(10 g) = 2.14 W/kg (SAR corrected for target medium)

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) = 19.2 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/31/2017 1:59:35 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-5250B-170831-05
 Dipole Model#: D5GHzV2
 Phantom#: TP1174-1
 Tissue Temp: 20.6 (C)
 Serial#: 1026
 Test Freq: 5250.000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.25 dB
 Adjusted SAR (1W): 76.60 mW/g (1g)

Comments:

Communication System Band: Dipole 5 GHz, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5250$ MHz; $\sigma = 5.43$ S/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.35, 4.35, 4.35); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 65.94 V/m; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 7.26 W/kg; SAR(10 g) = 2.01 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 18.7 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 = 65.94 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 27.8 W/kg

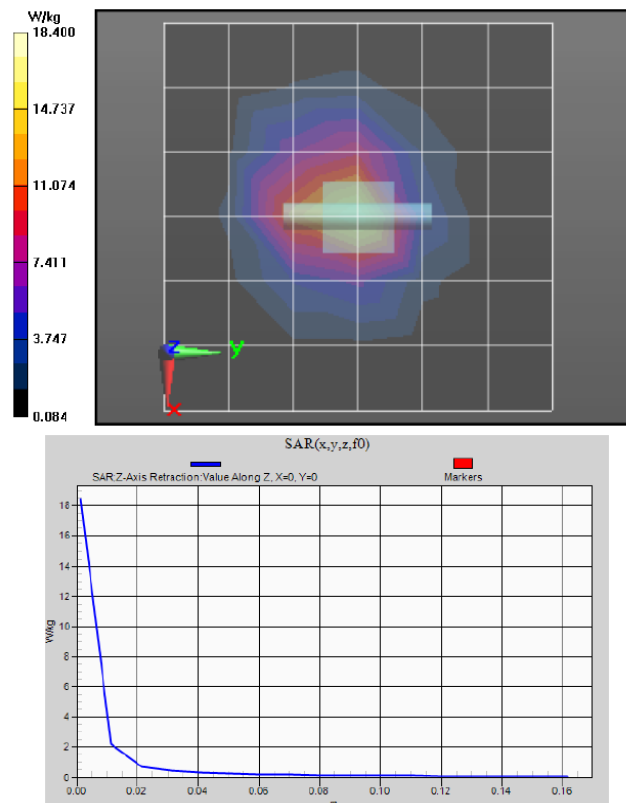
SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.21 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 18.5 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) = 18.4 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 9/7/2017 1:42:24 PM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-5250B-170907-08#
Dipole Model# D5GHzV2
Phantom#: TP1174-1
Tissue Temp: 20.3 (C)
Serial#: 1026
Test Freq: 5250.000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.25 dB
Adjusted SAR (1W): 77.30 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5250$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 44.3$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.35, 4.35, 4.35); Calibrated: 3/10/2017
Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 65.56 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 7.24 W/kg; SAR(10 g) = 2 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 18.7 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 = 65.56 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 30.3 W/kg

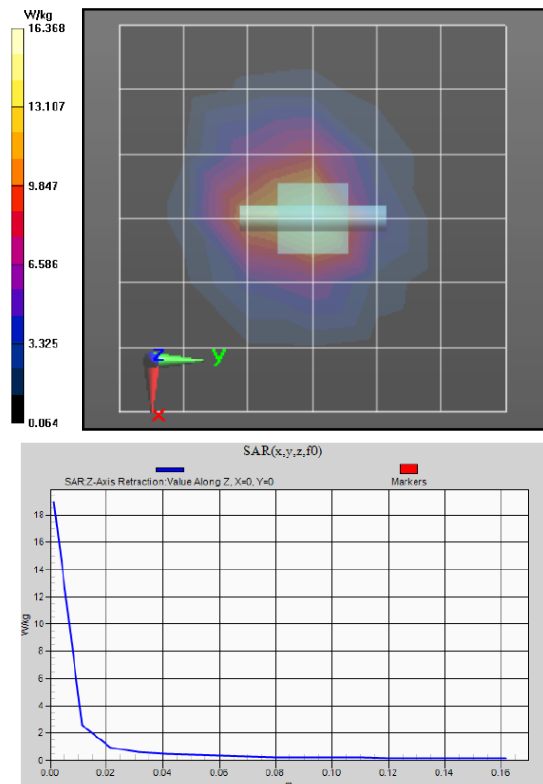
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.24 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 19.4 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) = 19.0 W/kg



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Date/Time: 11/29/2017 8:57:19 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-5250B-171129-04
 Dipole Model# D5GHzV2
 Phantom#: ELI4 1090
 Tissue Temp: 20.6 (C)
 Serial#: 1026
 Test Freq: 5250.0000 (MHz)
 Start Power: 100.00 (mW)
 Rotation (1D): 0.230 dB
 Adjusted SAR (1W): 85.10 mW/g (1g)

Comments:

Communication System Band: Dipole 5 GHz, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5250$ MHz; $\sigma = 5.49$ S/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5250 MHz, ConvF(4.35, 4.35, 4.35); Calibrated: 3/10/2017
 Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 68.23 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.21 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 = 68.23 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 31.3 W/kg

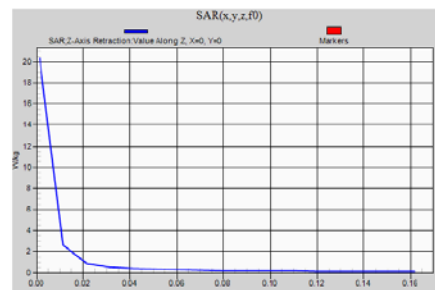
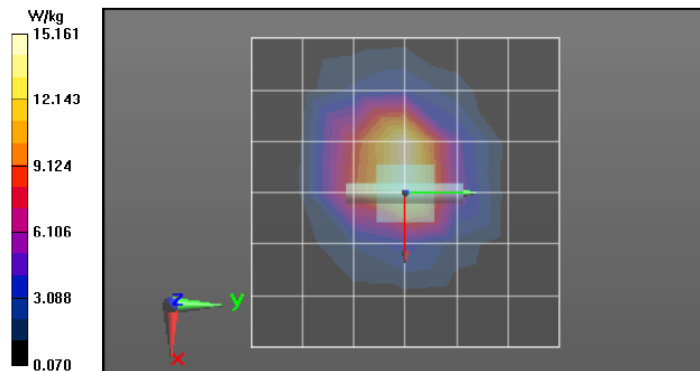
SAR(1 g) = 8.51 W/kg; SAR(10 g) = 2.48 W/kg (SAR corrected for target medium)

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) = 20.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/1/2017 12:12:24 PM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-5500B-170901-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174-1
 Tissue Temp: 20.8 (C)
 Serial#: 1026
 Test Freq: 5500.000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.25 dB
 Adjusted SAR (1W): 82.50 mW/g (1g)

Comments:

Communication System Band: Dipole 5 GHz, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.74$ S/m; $\epsilon_r = 44.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(4, 4, 4); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 66.97 V/m; Power Drift = 0.22 dB

Fast SAR: SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.9 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 = 66.97 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 33.4 W/kg

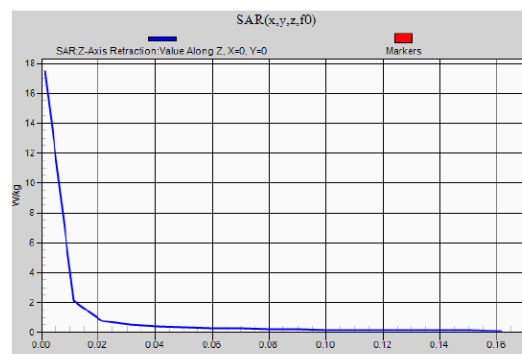
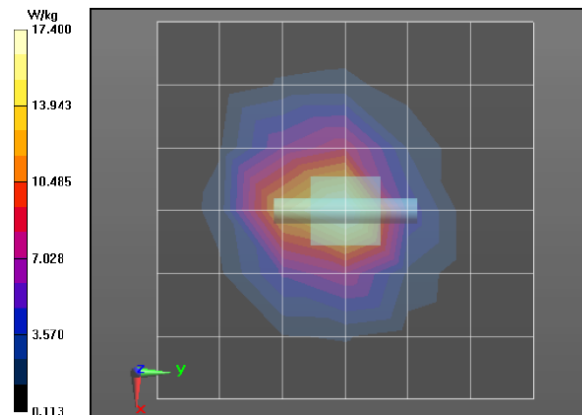
SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.37 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 20.9 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) = 17.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/4/2017 9:31:54 AM

Robot#: DASY5-PG-1 | Run#: TLC-SYSP-5500B-170904-01
 Dipole Model# D5GHzV2
 Phantom#: TP1174-1
 Tissue Temp: 20.2 (C)
 Serial#: 1026
 Test Freq: 5500.000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.19 dB
 Adjusted SAR (1W): 76.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 5.82$ S/m; $\epsilon_r = 43.9$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(4, 4, 4); Calibrated: 3/10/2017

Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 64.80 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 7.3 W/kg; SAR(10 g) = 2.01 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 19.4 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 = 64.80 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 29.7 W/kg

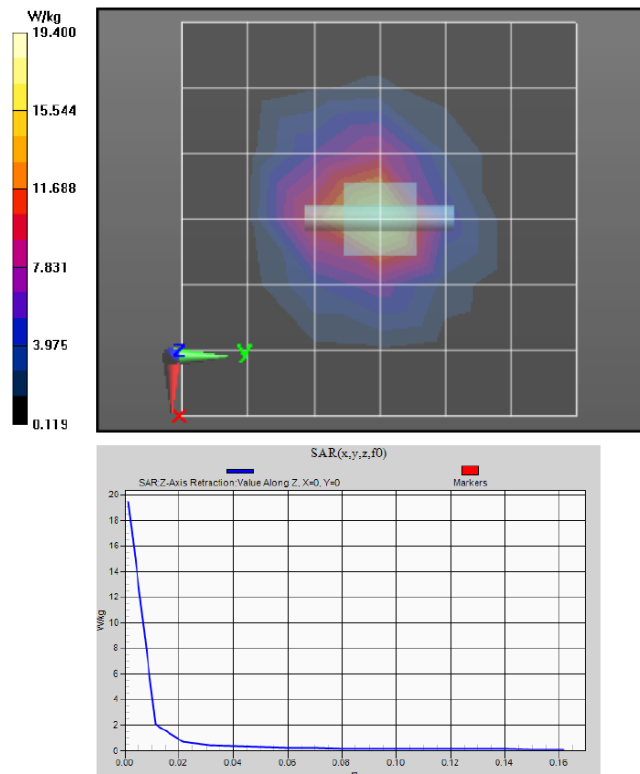
SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.18 W/kg (SAR corrected for target medium)

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) = 19.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/6/2017 10:25:00 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-5500B-170906-12
 Dipole Model#: D5GHzV2
 Phantom#: TP1174-1
 Tissue Temp: 20.3 (C)
 Serial#: 1026
 Test Freq: 5500.000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.250 dB
 Adjusted SAR (1W): 81.70 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5500$ MHz; $\sigma = 5.77$ S/m; $\epsilon_r = 43.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(4, 4, 4); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 66.71 V/m; Power Drift = -0.26 dB

Fast SAR: SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.11 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.6 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 = 66.71 V/m; Power Drift = -0.26 dB

Peak SAR (extrapolated) = 32.1 W/kg

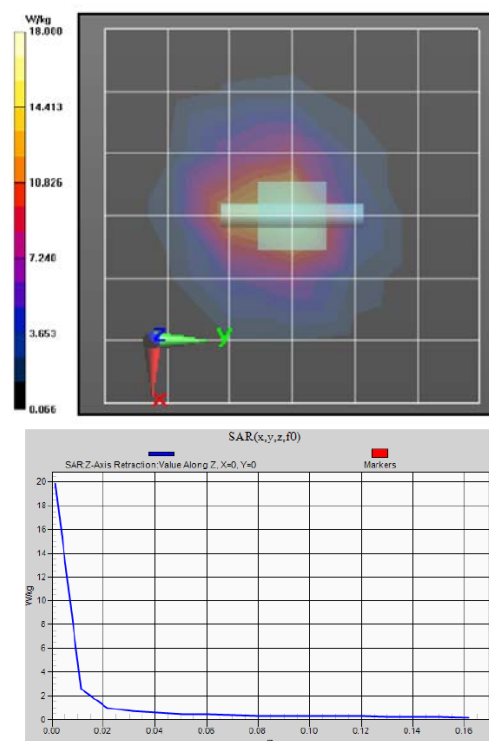
SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.34 W/kg (SAR corrected for target medium)

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) = 19.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/30/2017 12:05:21 AM

Robot#: DASY5-PG-1 | Run#: FD(AN)-SYSP-5500B-171130-01#
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1090
 Tissue Temp: 20.8 (C)
 Serial#: 1026
 Test Freq: 5500.0000 (MHz)
 Start Power: 100.00 (mW)
 Rotation (1D): 0.25 dB
 Adjusted SAR (1W): 79.60 mW/g (1g)

Comments:

Communication System Band: Dipole 5 GHz, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.82$ S/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5500 MHz, ConvF(4, 4, 4); Calibrated: 3/10/2017
 Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 65.08 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 7.22 W/kg; SAR(10 g) = 2.03 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 19.2 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 = 65.08 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 30.9 W/kg

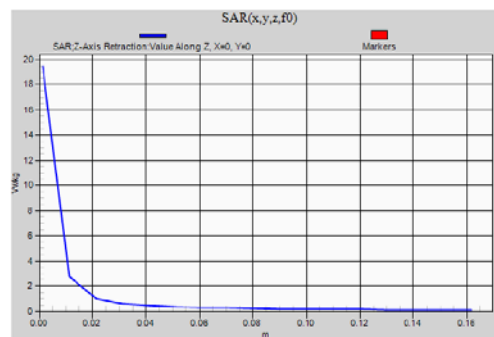
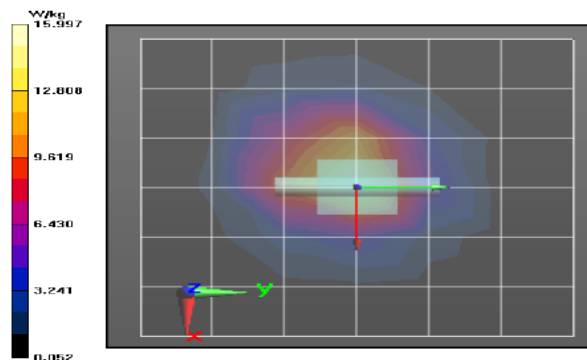
SAR(1 g) = 7.96 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)

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) = 19.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/4/2017 10:24:06 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-5750B-170904-09
 Dipole Model#: D5GHzV2
 Phantom#: TP1174-1
 Tissue Temp: 20.5 (C)
 Serial#: 1026
 Test Freq: 5750.000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.23 dB
 Adjusted SAR (1W): 76.90 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 6.12$ S/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 64.86 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 7.09 W/kg; SAR(10 g) = 1.96 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 19.3 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 = 64.86 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 30.2 W/kg

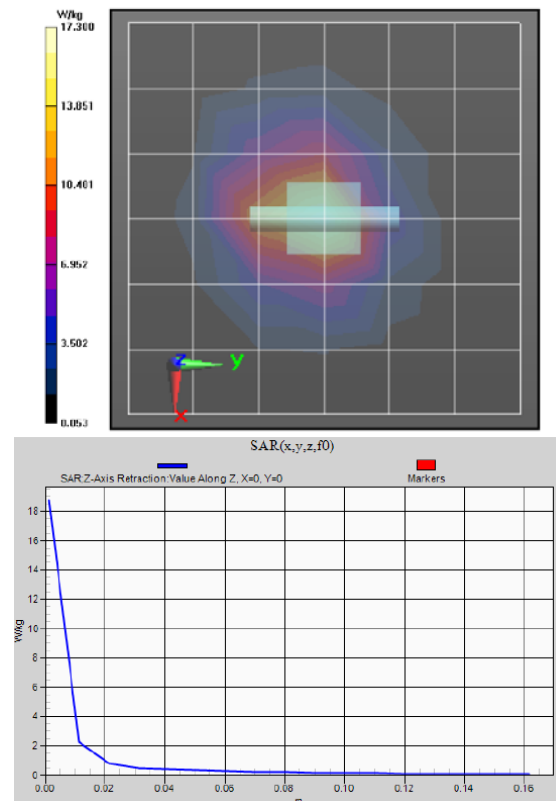
SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 19.4 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) = 18.8 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/5/2017 8:51:38 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-5750B-170905-13
 Dipole Model# D5GHzV2
 Phantom#: TP1174-1
 Tissue Temp: 20.8 (C)
 Serial#: 1026
 Test Freq: 5750.000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.240 dB
 Adjusted SAR (1W): 77.10 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 5750$ MHz; $\sigma = 6.1$ S/m; $\epsilon_r = 43.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 3/10/2017
 Electronics: DAE4 Sn729, Calibrated: 10/12/2016

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 64.75 V/m; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 7.05 W/kg; SAR(10 g) = 1.95 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 19.1 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 = 64.75 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 28.5 W/kg

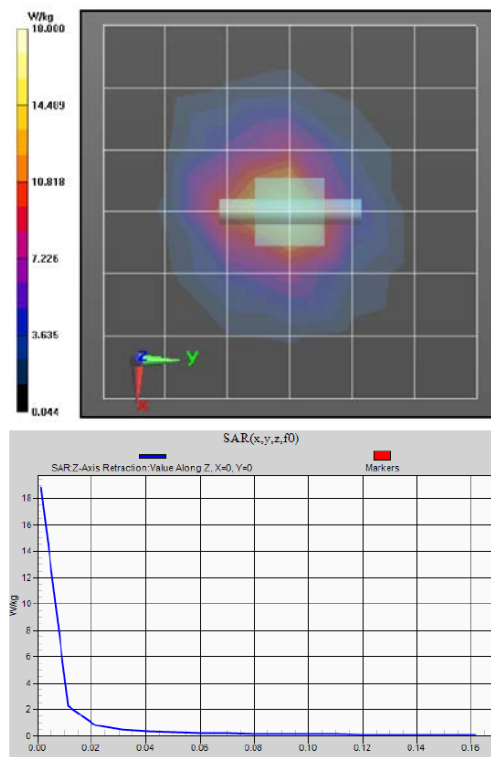
SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 18.5 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: 12/5/2017 6:24:47 PM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-5750B-171205-12
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1090
 Tissue Temp: 20.6 (C)
 Serial#: 1026
 Test Freq: 5500.0000 (MHz)
 Start Power: 100.00 (mW)
 Rotation (1D): 0.24 dB
 Adjusted SAR (1W): 79.50 mW/g (1g)

Comments:

Communication System Band: Dipole 5 GHz, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5750$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 5750 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 3/10/2017
 Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

4-6 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated

grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 65.41 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 7.01 W/kg; SAR(10 g) = 1.98 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 = 65.41 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 29.2 W/kg

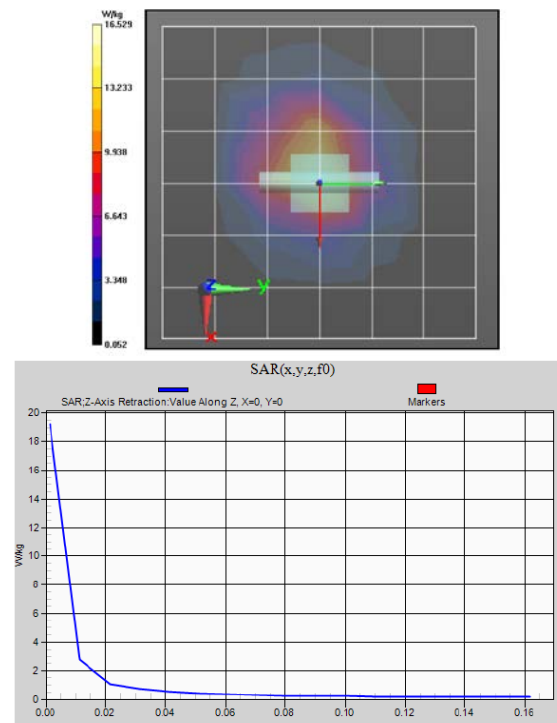
SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 19.4 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) = 19.2 W/kg



Appendix E

DUT Scans

WLAN Assessments at the Body 2.4 GHz (802.11 b/g/n)
Assessments at the Body with all offered Body worn

Table 18**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 11/29/2017 4:02:10 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171129-10
 Model#: N7001A
 Phantom#: ELI5 1147
 Tissue Temp: 20.8 (C)
 Serial#: 372TTX0098
 Antenna: AN000183A05
 Test Freq: 2412.000 (MHz)
 Battery: PMNN4549A High Cap Battery
 Carry Acc: PMLN7698A @ front of DUT
 Audio Acc: None
 Start Power: 0.058 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA,
 Duty Cycle: 1:1.42561,

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN3735, , Frequency: 2412 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017

Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (141x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 5.615 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.063 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.265 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
 dz=5mm

Reference Value = 5.615 V/m; Power Drift = 0.22 dB

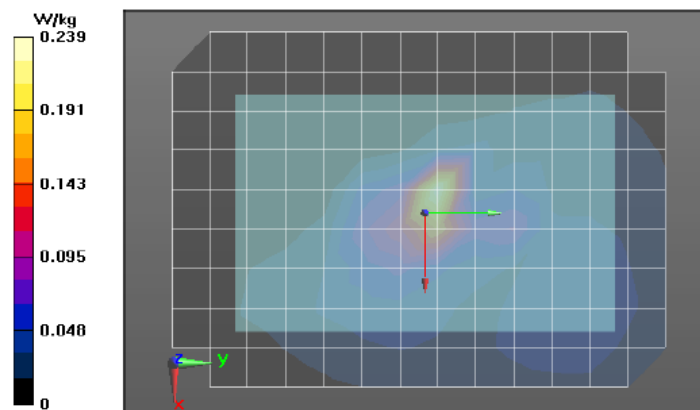
Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.263 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) = 0.270 W/kg



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

Table 20
Motorola Solutions, Inc. EME Laboratory
 Date/Time: 11/29/2017 9:12:03 PM

Robot#: DASY5-PG-1 | Run#: FD(AN)-AB-171129-15
 Model#: N7001A
 Phantom#: ELI4 1090
 Tissue Temp: 20.8 (C)
 Serial#: 372TTX0098
 Antenna: AN000183A05
 Test Freq: 5310.0000 (MHz)
 Battery: PMNN4507A Slim Battery
 Carry Acc: PMLN7699A @ front of DUT
 Audio Acc: None
 Start Power: 0.034 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10534 - AAA, Duty Cycle: 1:6.99842,

Medium parameters used: $f = 5310$ MHz; $\sigma = 5.57$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

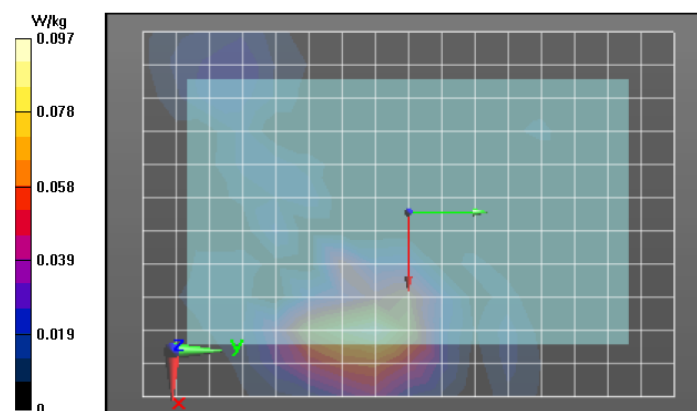
Probe: EX3DV4 - SN3735, , Frequency: 5310 MHz, ConvF(4.35, 4.35, 4.35); Calibrated: 3/10/2017

Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (111x161x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
 Reference Value = 3.882 V/m; Power Drift = -0.04 dB
 Fast SAR: SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.0973 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 = 3.882 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 0.201 W/kg
 SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.015 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 0.115 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) = 0.0626 W/kg



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

Table 21

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/30/2017 1:48:56 AM

Robot#: DASY5-PG-1 | Run#: FD(AN)-AB-171130-02#
 Model#: N7001A
 Phantom#: ELI4 1090
 Tissue Temp: 21.0 (C)
 Serial#: 372TTX0098
 Antenna: AN000183A05
 Test Freq: 5550.0000 (MHz)
 Battery: PMNN4549A High Cap Battery
 Carry Acc: PMLN7700A w/ WALN4307A@ front of DUT
 Audio Acc: None
 Start Power: 0.033 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10534 - AAA, Duty Cycle: 1:6.99842,

Medium parameters used: $f = 5550$ MHz; $\sigma = 5.89$ S/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN3735, , Frequency: 5550 MHz, ConvF(4, 4, 4); Calibrated: 3/10/2017

Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (111x161x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 5.685 V/m; Power Drift = 0.45 dB

Fast SAR: SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.026 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.232 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Zoom Scan (10x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.685 V/m; Power Drift = 0.52 dB

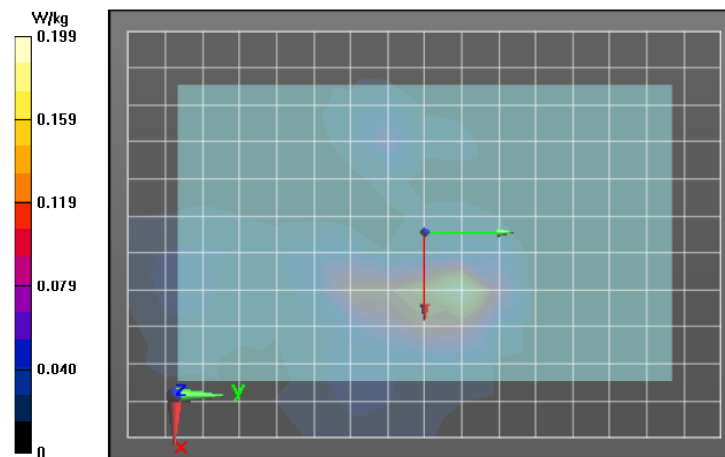
Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.022 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.198 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) = 0.204 W/kg



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

Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/5/2017 7:49:29 PM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-AB-171205-14
 Model#: N7001A
 Phantom#: ELI4 1090
 Tissue Temp: 20.6 (C)
 Serial#: 372TTX0098
 Antenna: AN000183A05
 Test Freq: 5710.0000 (MHz)
 Battery: PMNN4549A Ultra High Cap Battery
 Carry Acc: PMLN7699A @ front of DUT
 Audio Acc: None
 Start Power: 0.034 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10534 - AAA, Duty Cycle: 1:6.99842,

Medium parameters used: $f = 5710$ MHz; $\sigma = 6.02$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN3735, , Frequency: 5710 MHz, ConvF(3.83, 3.83, 3.83); Calibrated: 3/10/2017

Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (111x161x1): Interpolated grid: dx=0.9000 mm,

dy=0.9000 mm

Reference Value = 4.912 V/m; Power Drift = 0.34 dB

Fast SAR: SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.289 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Zoom Scan (10x10x12)/Cube 0: Measurement grid: dx=4mm,

dy=4mm, dz=2mm

Reference Value = 4.912 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 0.415 W/kg

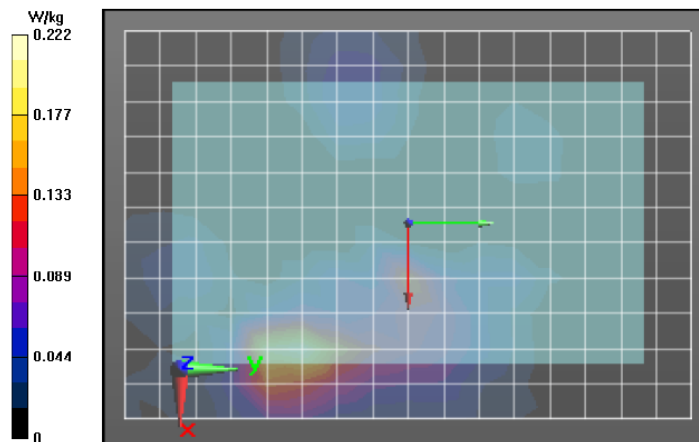
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.033 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.254 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) = 0.247 W/kg



Assessments for ISED, Canada

Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/29/2017 4:02:10 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171129-10
 Model#: N7001A
 Phantom#: ELI5 1147
 Tissue Temp: 20.8 (C)
 Serial#: 372TTX0098
 Antenna: AN000183A05
 Test Freq: 2412.000 (MHz)
 Battery: PMNN4549A High Cap Battery
 Carry Acc: PMLN7698A @ front of DUT
 Audio Acc: None
 Start Power: 0.058 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA,
 Duty Cycle: 1:1.42561,

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN3735, , Frequency: 2412 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017

Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (141x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 5.615 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.063 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.265 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.615 V/m; Power Drift = 0.22 dB

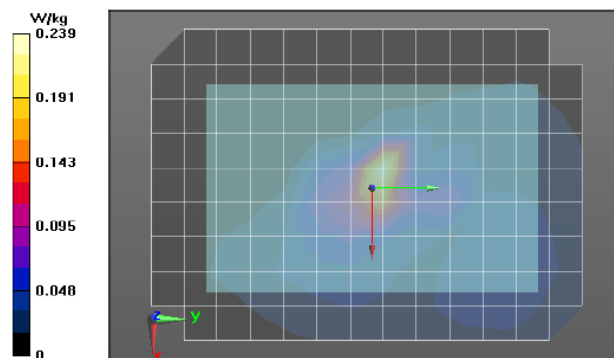
Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.263 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) = 0.270 W/kg



Assessments at the Bluetooth band
Industry Canada Requirement
Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/29/2017 6:30:02 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171129-13

Model#: N7001A
 Phantom#: ELI5 1147
 Tissue Temp: 21.1 (C)
 Serial#: 372TTX0098
 Antenna: AN000183A05
 Test Freq: 2402.000 (MHz)
 Battery: PMNN4549A High Cap Battery
 Carry Acc: PMLN7698A @ front of DUT
 Audio Acc: None
 Start Power: 0.009 (W)

Comments:

Communication System Band: Fusion 1.5 BT, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2402 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (141x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 1.995 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00915 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0530 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 = 1.995 V/m; Power Drift = 0.55 dB

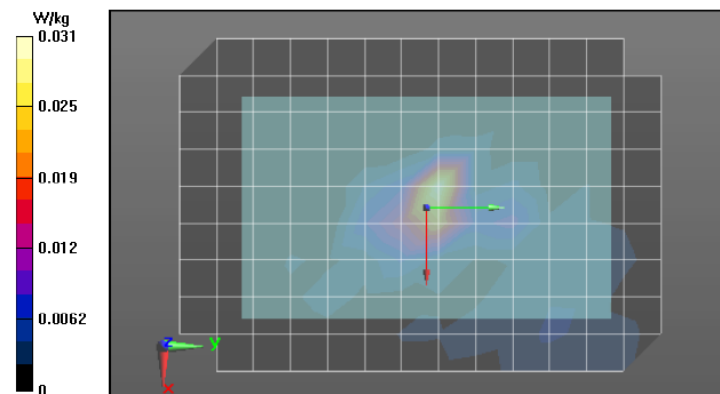
Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00892 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0350 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) = 0.00620 W/kg



APPENDIX F

Shortened Scan of Highest SAR configuration

Shortened Scan Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/14/2017 10:11:58 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171214-20
 Model#: N7001A
 Phantom#: ELI5 1147
 Tissue Temp: 20.7 (C)
 Serial#: 372TTX0098
 Antenna: AN000183A05
 Test Freq: 2412.000 (MHz)
 Battery: PMNN4549A High Cap Battery
 Carry Acc: PMLN7698A @ front of DUT
 Audio Acc: None
 Start Power: 0.057 (W)

Comments: Shorten Scan

Duty Cycle: 1:1.42561, Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 50$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN3735, , Frequency: 2412 MHz, ConvF(7.24, 7.24, 7.24); Calibrated: 3/10/2017
 Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (141x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 5.759 V/m; Power Drift = 0.33 dB

Fast SAR: SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.063 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.230 W/kg

2-3 GHz-Rev.2/Ab Scan/2-Volume 2D Scan (61x61x1): Interpolated grid: dx=0.5000 mm,

dy=0.5000 mm, dz=1.000 mm

Reference Value = 5.759 V/m; Power Drift = 0.33 dB

Fast SAR: SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.236 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,

dz=5mm

Reference Value = 10.36 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.293 W/kg

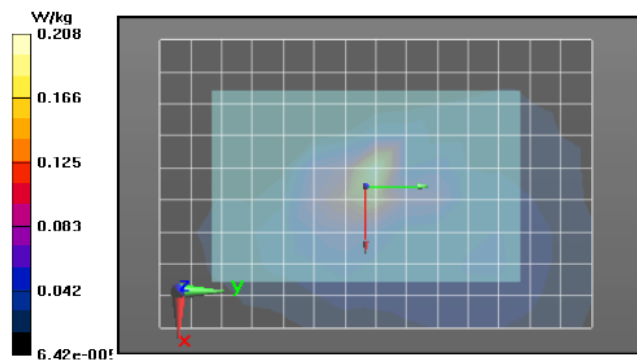
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.075 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.217 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) = 0.228 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)
Shorten scan (zoom)	26	10	0.219
Full scan (area & zoom)	18	40	0.234

APPENDIX G

DUT Test Position Photos

Photos available in Exhibit 7B

APPENDIX H

DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B