

**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)
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Date of Report: 12/07/2018**Report Revision:** C

Responsible Engineer: Lee Kin Kting (Goh Jue Yie)
Report Author: Lee Kin Kting (Goh Jue Yie)
Date/s Tested: 08/15/18-08/20/18 & 08/28/2018-08/29/2018, 09/14/2018
Manufacturer: Motorola Solutions Inc.
DUT Description: NEXTEX MTP8500Ex , 806-870MHz, BT/GPS/GNSS, LKP
 NEXTEX MTP8550Ex , 806-870MHz, BT/GPS/GNSS, FKP
Test TX mode(s): MSPD, SSPD, Bluetooth
Max. Power output: 1.60W (MSPD, SSPD), 6.3mW (Bluetooth) & 0.537W (TEDS)
Nominal Power: 1.40W (MSPD, SSPD), 2.0mW (Bluetooth) & 0.446W (TEDS)
Tx Frequency Bands: 806-870MHz, Bluetooth 2.402-2.480GHz
Signaling type: TDMA, PI/4DQPSK, QAM, TEDS; FHSS (Bluetooth)
Model(s) Tested: AZH16UCF6TZ5AN (PMUF1815A)
Model(s) Certified: AZH16UCF6TZ5AN (PMUF1815A), AZH17UCH6TZ5AN (PMUF1824A)
Serial Number(s): 122TRR0076
Classification: Occupational/Controlled
FCC ID: AZ489FT5877; 809-824MHz, 854-869MHz; 2402-2480MHz
IC: 109U-89FT5877; 806-824MHz, 851-869MHz; 2402-2480MHz
ISED Test Site registration: 109AK
FCC Test Firm Registration Number: 823256

The test results clearly demonstrate compliance with FCC Occupational/Controlled RF Exposure limits of 8 W/kg averaged over 1 gram per the requirements of FCC 47 CFR § 2.1093 and RSS 102

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

Tiong Nguk Ing
Deputy Technical Manager (Approved Signatory)
Approval Date: 12/10/2018

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/17/2018 8:15:11 AM

Robot#: DASY5-PG-2 | Run#: FAZ-SYSP-835B-180817-04
Dipole Model# D835V2
Phantom#: ELI4 1108
Tissue Temp: 21.0 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.052 dB
Adjusted SAR (1W): 9.84 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7485, Frequency: 835 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
Electronics: DAE4 Sn688, Calibrated: 1/4/2018

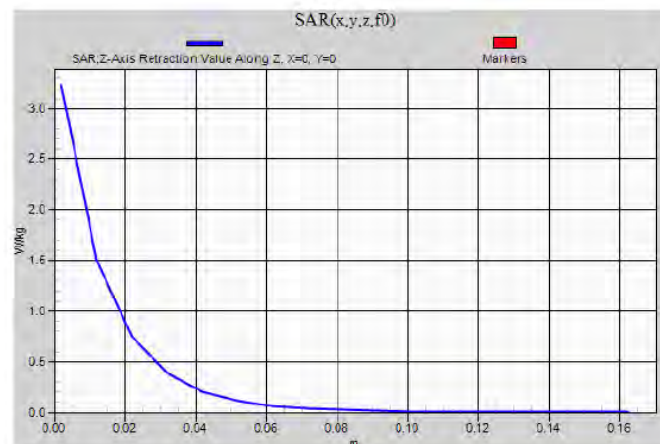
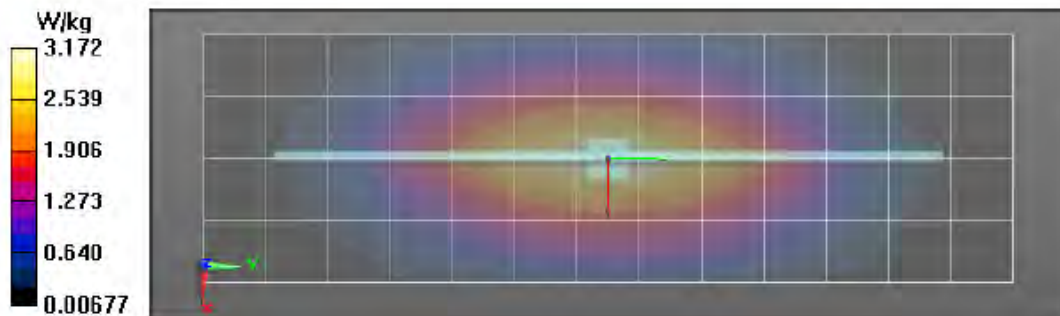
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.29 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.64 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.23 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.29 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.76 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.23 W/kg

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/15/2018 5:17:02 AM

Robot#: DASY5-PG-2 | Run#: AM-SYSP-900B-180815-01
 Dipole Model#: D900V2
 Phantom#: ELI4 1108
 Tissue Temp: 21.3 (C)
 Serial#: 1d026
 Test Freq: 900 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.054 dB
 Adjusted SAR (1W): 11.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.09$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 900 MHz, ConvF(10.26, 10.26, 10.26); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x111x1):

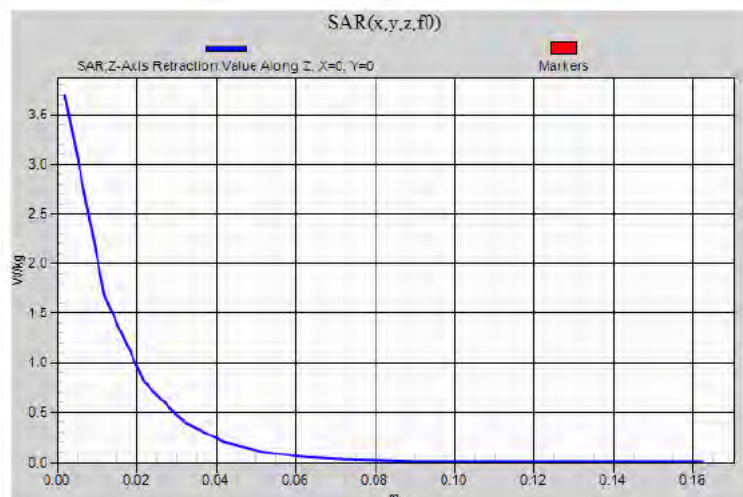
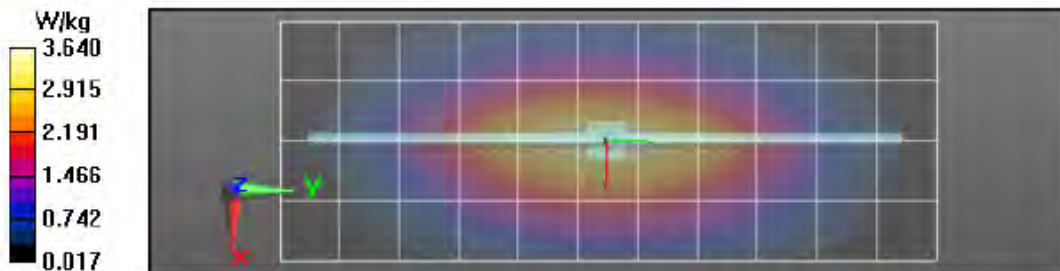
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 59.44 V/m; Power Drift = 0.01 dB
 Fast SAR: SAR(1 g) = 2.85 W/kg; SAR(10 g) = 1.85 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.70 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 59.44 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 4.33 W/kg
 SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 3.70 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.69 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/16/2018 6:07:47 AM

Robot#: DASY5-PG-2 | Run#: AM-SYSP-900B-180816-07
 Dipole Model#: D900V2
 Phantom#: ELI4 1108
 Tissue Temp: 20.6 (C)
 Serial#: 1d026
 Test Freq: 900 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.059 dB
 Adjusted SAR (1W): 11.24 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.08 \text{ S/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Frequency: 900 MHz, ConvF(10.26, 10.26, 10.26); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

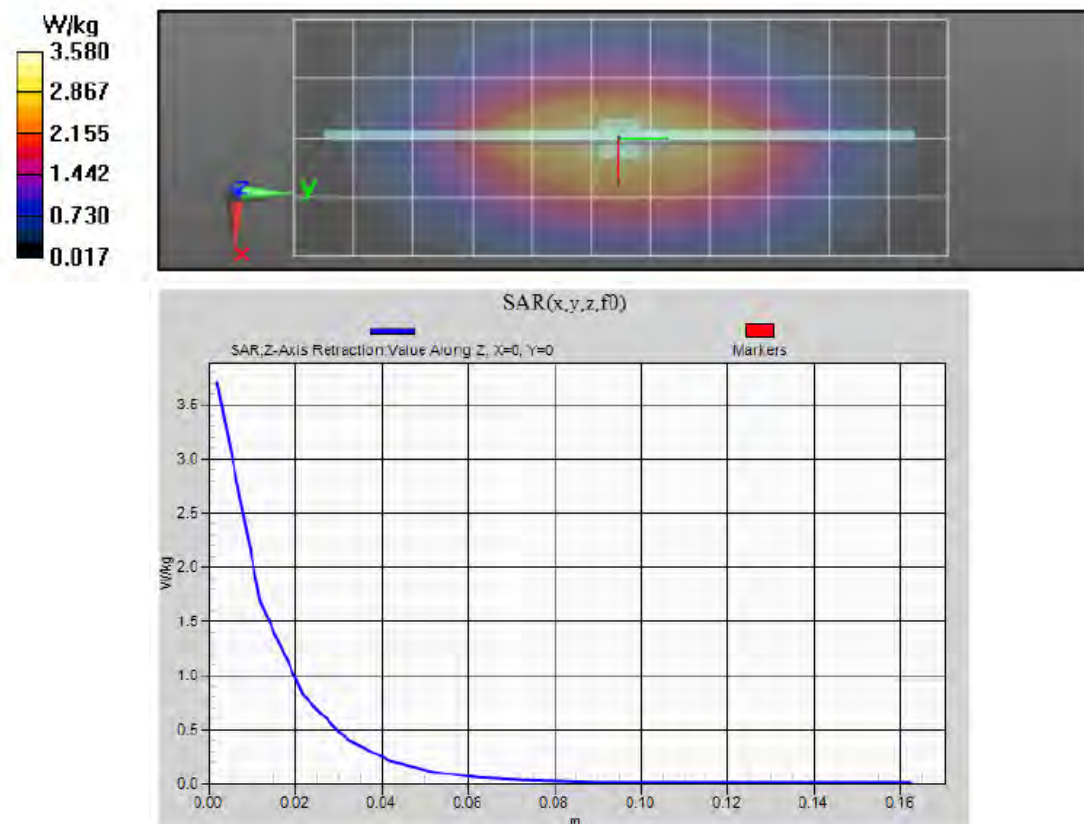
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x111x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 59.67 V/m; Power Drift = -0.01 dB
 Fast SAR: SAR(1 g) = 2.86 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.70 W/kg

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

Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 59.67 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 4.33 W/kg
 SAR(1 g) = 2.81 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 3.70 W/kg

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/28/2018 9:09:26 AM

Robot#: DASY5-PG-2 | Run#: FAZ-SYSP-900B-180828-07
Dipole Model# D900V2
Phantom#: ELI4 1108
Tissue Temp: 22.1 (C)
Serial#: 1d026
Test Freq: 900.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.059 dB
Adjusted SAR (1W): 10.84 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.08$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7485, , Frequency: 900 MHz, ConvF(10.26, 10.26, 10.26); Calibrated: 1/17/2018
Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 58.61 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 2.76 W/kg; SAR(10 g) = 1.79 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.57 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 58.61 V/m; Power Drift = 0.01 dB

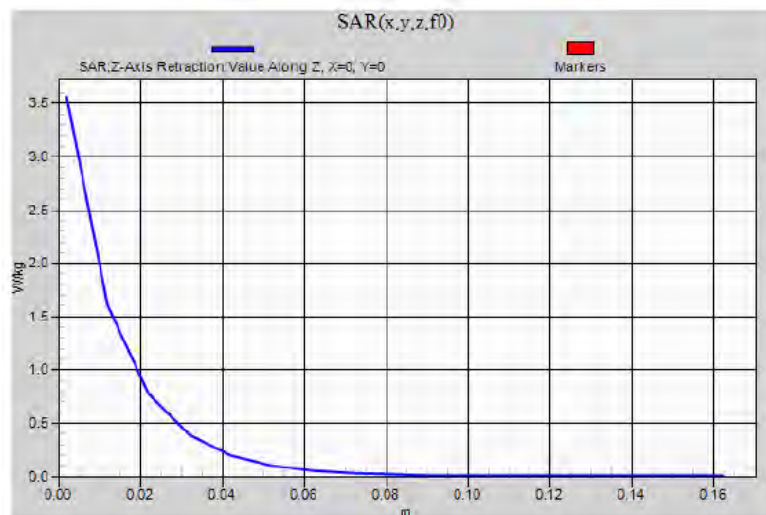
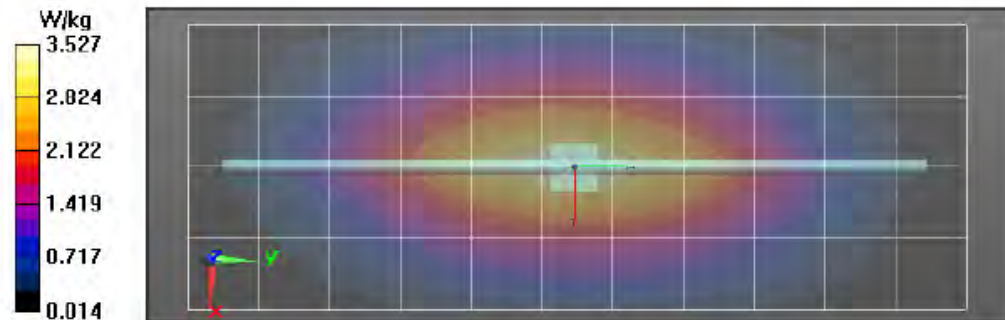
Peak SAR (extrapolated) = 4.17 W/kg

SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.76 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.56 W/kg

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

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



Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/20/2018 9:25:31 AM

Robot#: DASY5-PG-2 | Run#: AM-SYSP-835H-180820-01
Dipole Model#: D835V2
Phantom#: SAMTP 1382
Tissue Temp: 21.2 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.053 dB
Adjusted SAR (1W): 9.40 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7485, , Frequency: 835 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018
Electronics: DAE4 Sn688, Calibrated: 1/4/2018

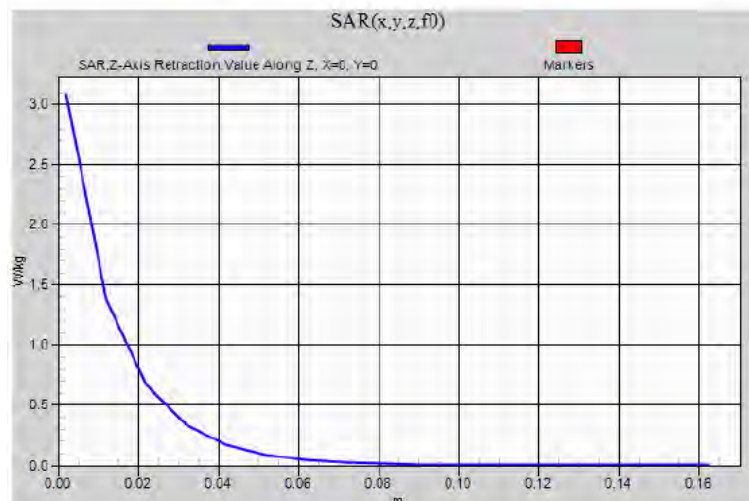
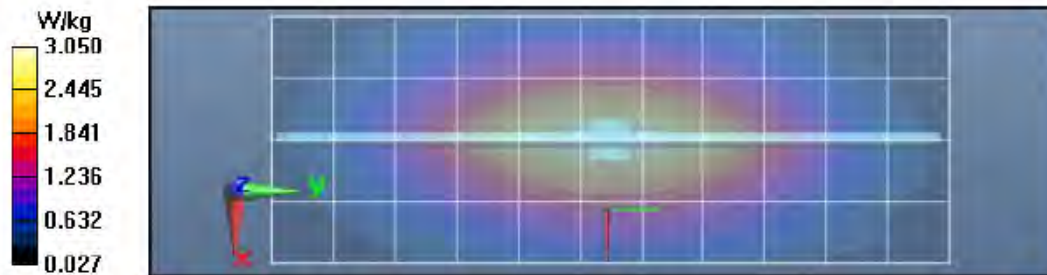
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x111x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Reference Value = 58.54 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.09 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 = 58.54 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.08 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



Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/18/2018 12:24:57 AM

Robot#: DASY5-PG-2 | Run#: AM-SYSP-900H-180818-01#
Dipole Model#: D900V2
Phantom#: ELI4 1016
Tissue Temp: 20.8 (C)
Serial#: 1d026
Test Freq: 900 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.046 dB
Adjusted SAR (1W): 10.36 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7485, , Frequency: 900 MHz, ConvF(10.43, 10.43, 10.43); Calibrated: 1/17/2018
Electronics: DAE4 Sn688, Calibrated: 1/4/2018

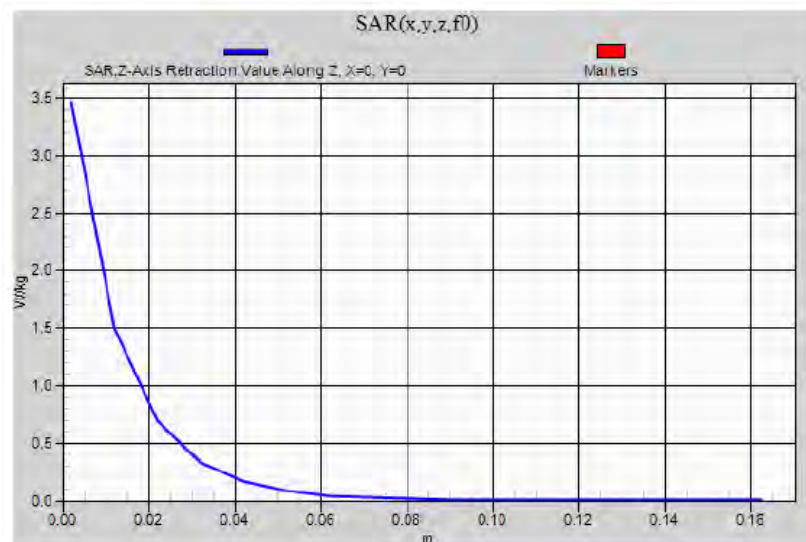
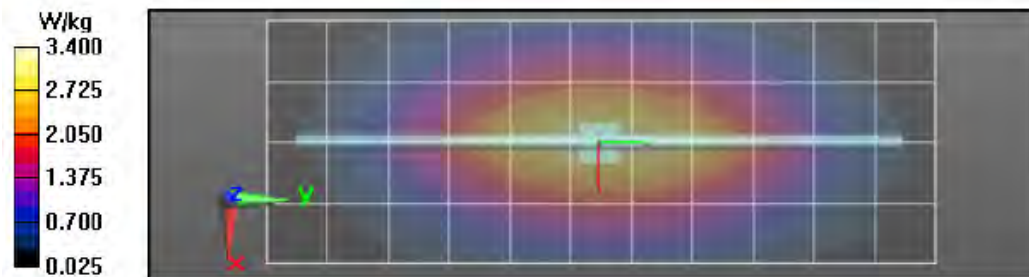
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.74 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.46 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.74 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.09 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.46 W/kg

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



Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/19/2018 7:47:37 AM

Robot#: DASY5-PG-2 | Run#: AM-SYSP-900H-180819-01
Dipole Model#: D900V2
Phantom#: SAMTP 1382
Tissue Temp: 21.3 (C)
Serial#: 1d026
Test Freq: 900 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.055 dB
Adjusted SAR (1W): 10.80 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7485, Frequency: 900 MHz, ConvF(10.43, 10.43, 10.43); Calibrated: 1/17/2018
Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x111x1):

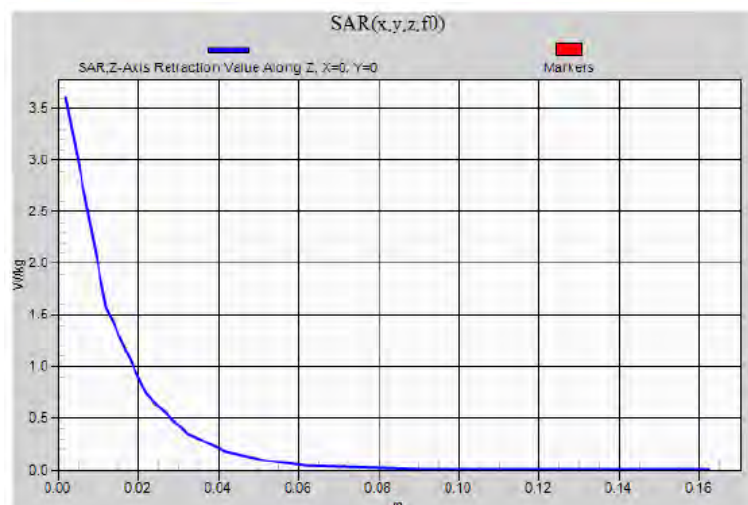
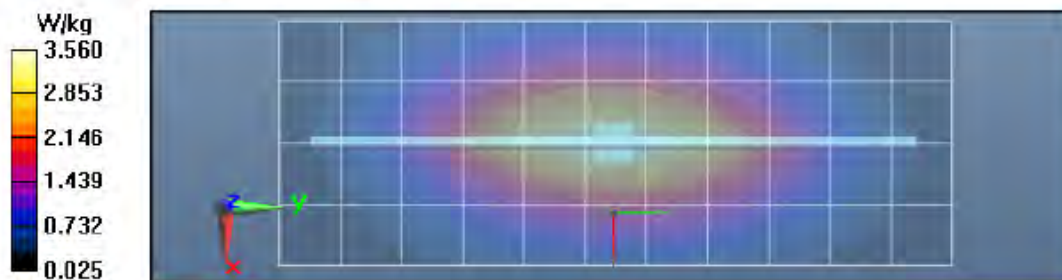
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 61.03 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.61 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.03 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.23 W/kg
SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.74 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.59 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.61 W/kg



Appendix E

DUT Scans

Table 18- Assessments at the Body worn HLN6602A; 806-824MHz

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/15/2018 5:39:07 PM

Robot#: DASY5-PG-2 | Run#: AZ-AB-180815-02
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.8 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: None
 Start Power: 1.57 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 32.69 V/m; Power Drift = 0.21 dB

Fast SAR: SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.989 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.74 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 32.69 V/m; Power Drift = -0.42 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.54 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.79 W/kg

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

Maximum value of SAR (measured) = 1.54 W/kg

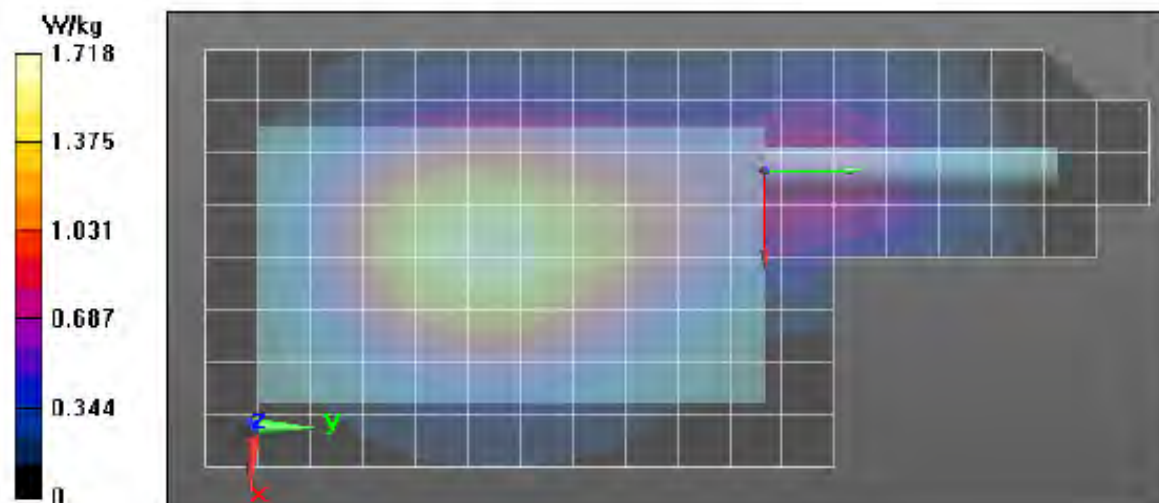


Table 19- Assessments at the Body worn RLN4815A; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/15/2018 6:26:27 PM

Robot#: DASY5-PG-2 | Run#: AZ-AB-180815-03
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: RLN4815A
 Audio Acc: None
 Start Power: 1.59 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 24.44 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.530 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.916 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.44 V/m; Power Drift = -0.53 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.566 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.907 W/kg

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

Maximum value of SAR (measured) = 0.783 W/kg

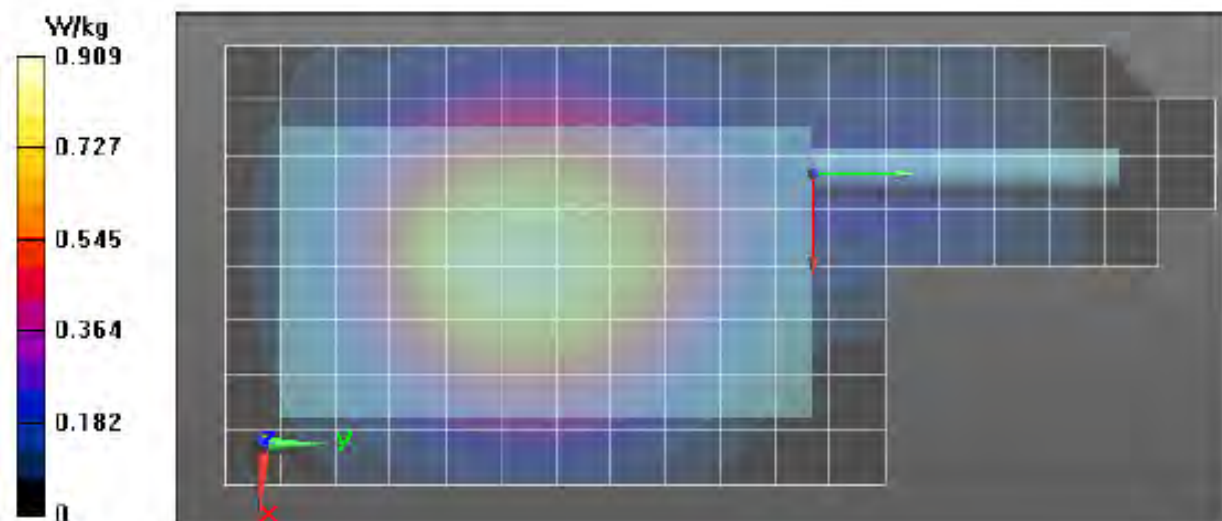


Table 20- Assessments at the Body worn PMLN7195A; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/15/2018 7:38:46 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180815-04
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN7195A
 Audio Acc: None
 Start Power: 1.57 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018

Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 21.03 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.333 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.575 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.03 V/m; Power Drift = -0.41 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.337 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.524 W/kg

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

Maximum value of SAR (measured) = 0.463 W/kg

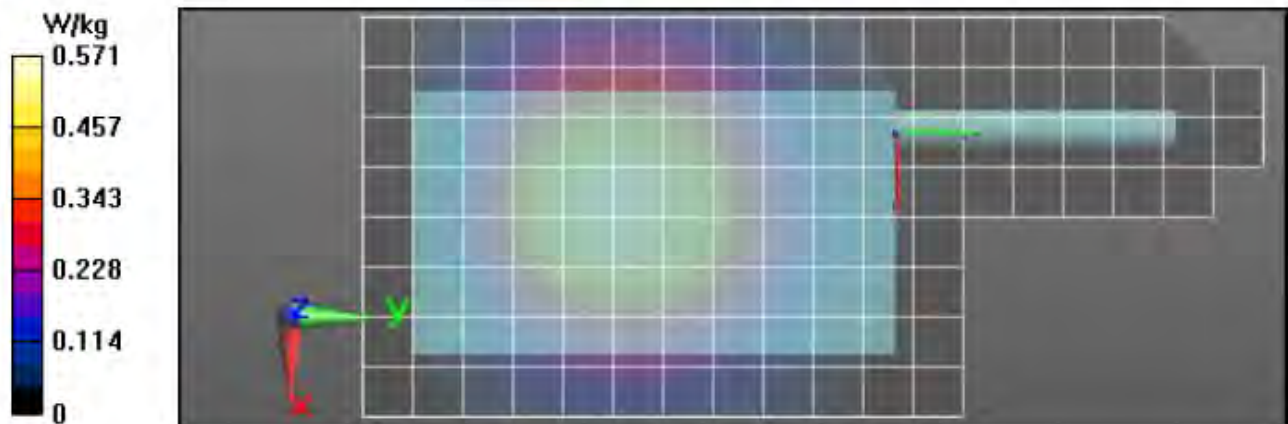


Table 21- Assessments at the Body worn PMLN7268A; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/15/2018 8:19:02 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180815-05
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN7268A
 Audio Acc: None
 Start Power: 1.58 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018

Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 21.30 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.347 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.599 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.30 V/m; Power Drift = -0.49 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.342 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.521 W/kg

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

Maximum value of SAR (measured) = 0.524 W/kg

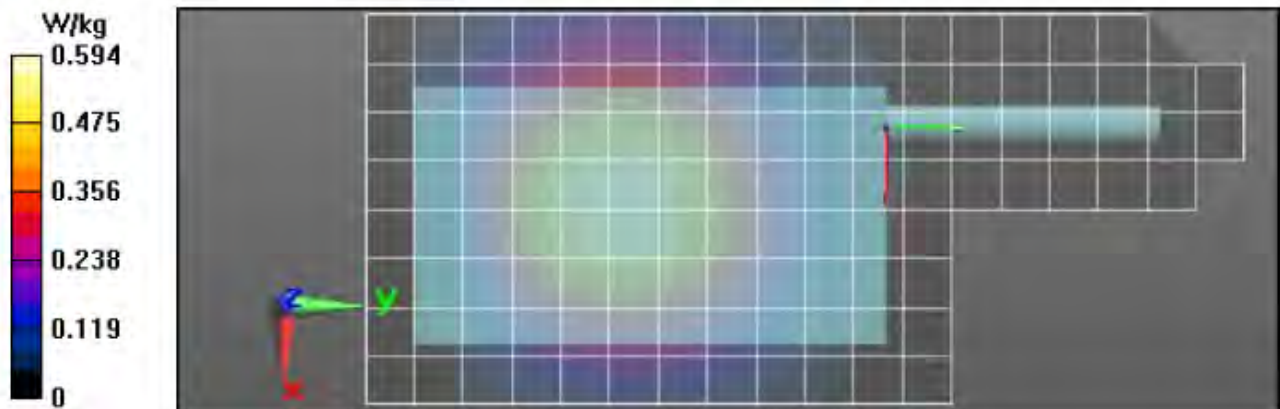


Table 22- Assessments at the Body worn PMLN6068A; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/15/2018 9:05:23 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180815-06
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN6086A
 Audio Acc: None
 Start Power: 1.59 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 27.05 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.946 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.06 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x11x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.05 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.950 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.82 W/kg

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

Maximum value of SAR (measured) = 1.92 W/kg

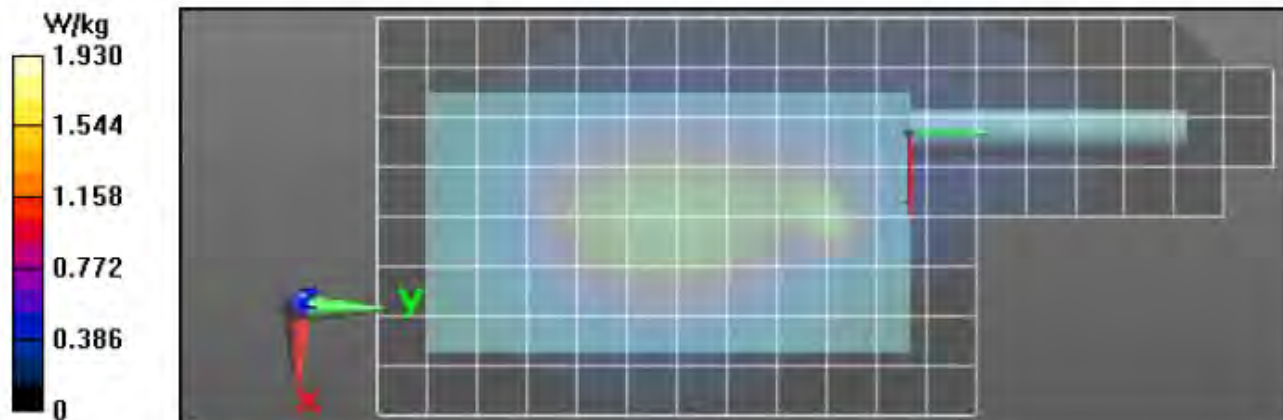


Table 23- Assessments at the Body worn GMDN0386A w/PMLN5004B; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/15/2018 10:07:07 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180815-07
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0386A w/PMLN5004B
 Audio Acc: None
 Start Power: 1.58 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 25.26 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.586 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.01 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x11x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.26 V/m; Power Drift = -0.57 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.591 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.933 W/kg

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

Maximum value of SAR (measured) = 0.807 W/kg

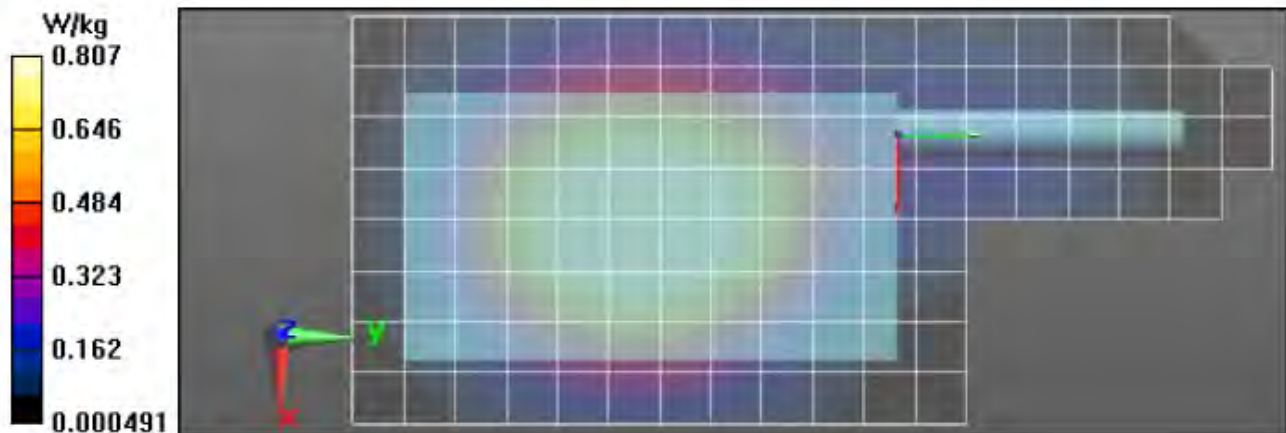


Table 24- Assessments at the Body worn GMDN0547A w/PMLN5004B; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/15/2018 11:24:02 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180815-08
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0547A w/PMLN5004B
 Audio Acc: None
 Start Power: 1.57 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, . Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 21.09 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.382 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.681 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x9x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.09 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.438 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.785 W/kg

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

Maximum value of SAR (measured) = 0.672 W/kg

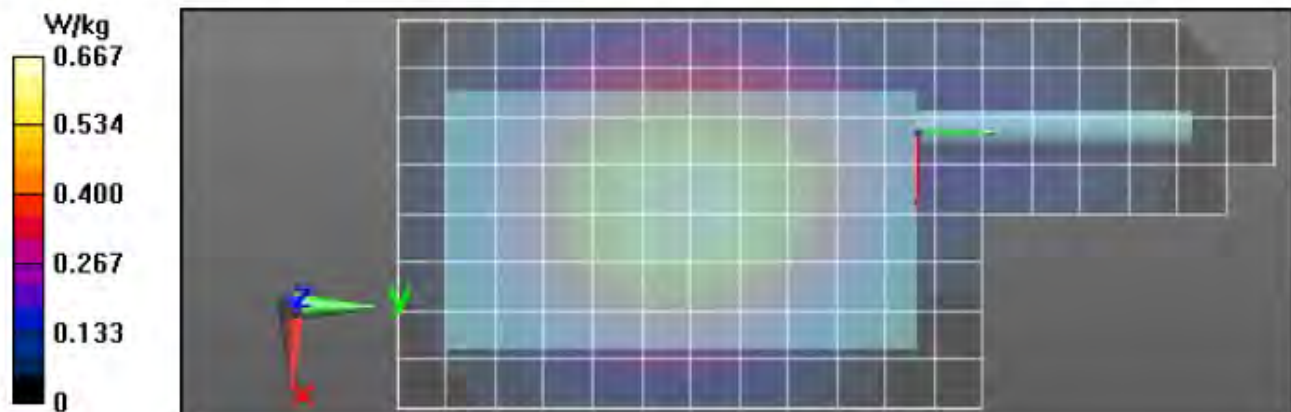


Table 25- Assessments at the Body worn GMDN0445AC w/PMLN5004B; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 12:07:57 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-01#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.8 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0445AC w/PMLN5004B
 Audio Acc: None
 Start Power: 1.59 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018

Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 20.97 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.375 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.655 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.97 V/m; Power Drift = -0.46 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.380 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.662 W/kg

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

Maximum value of SAR (measured) = 0.731 W/kg

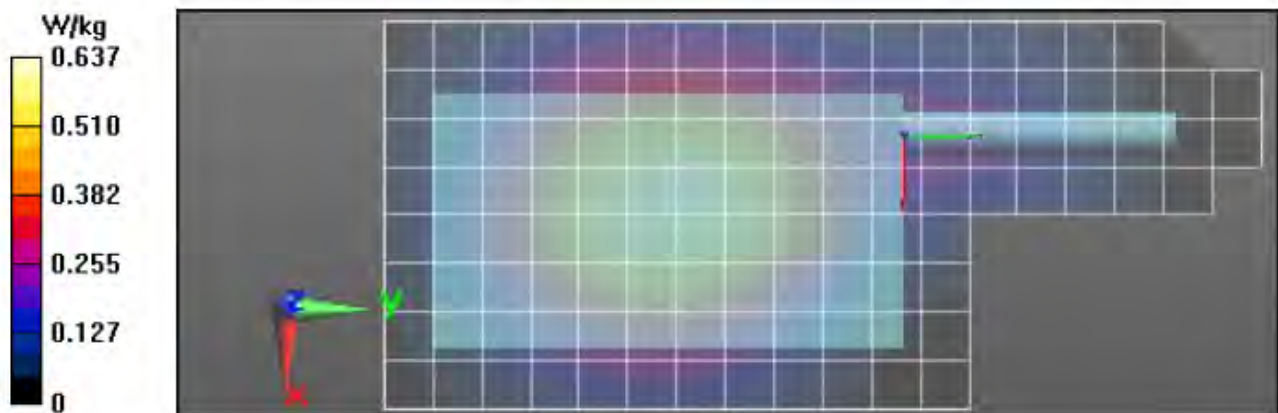


Table 26- Assessments at the Body worn WALN4307A w/PMLN5004B; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 1:05:08 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-02#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.8 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: WALN4307A w/PMLN5004B
 Audio Acc: None
 Start Power: 1.57 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 1 \text{ S/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 22.49 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.454 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.779 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.49 V/m; Power Drift = -0.52 dB

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.493 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.784 W/kg

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

Maximum value of SAR (measured) = 0.667 W/kg

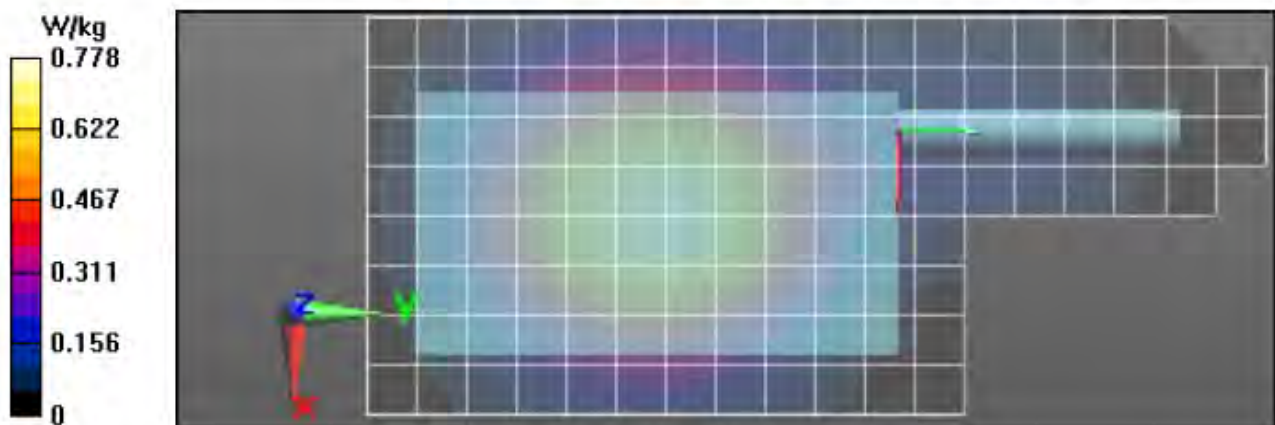


Table 27- Assessments at the Body worn GMDN0566AC w/PMLN5004B; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 1:53:51 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-03#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.8 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0566AC w/PMLN5004B
 Audio Acc: None
 Start Power: 1.58 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018

Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 22.96 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.467 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.815 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.96 V/m; Power Drift = -0.51 dB

Peak SAR (extrapolated) = 0.921 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.534 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.835 W/kg

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

Maximum value of SAR (measured) = 0.722 W/kg

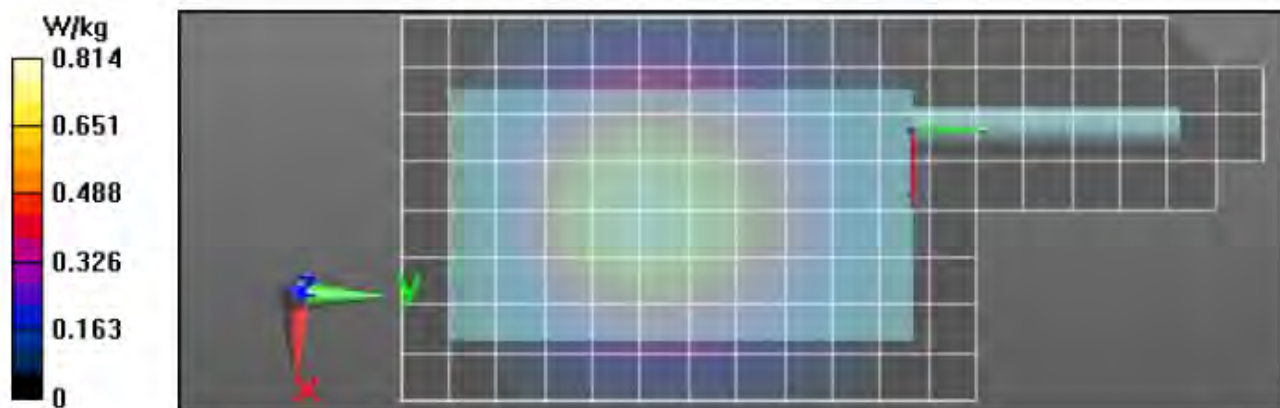


Table 28- Assessments at the Body worn GMDN0445AA w/PMLN5004B; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 2:41:03 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-04#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.8 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0445AA w/PMLN5004B
 Audio Acc: None
 Start Power: 1.59 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 21.96 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.420 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.723 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.96 V/m; Power Drift = -0.58 dB

Peak SAR (extrapolated) = 0.812 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.440 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.717 W/kg

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

Maximum value of SAR (measured) = 0.605 W/kg

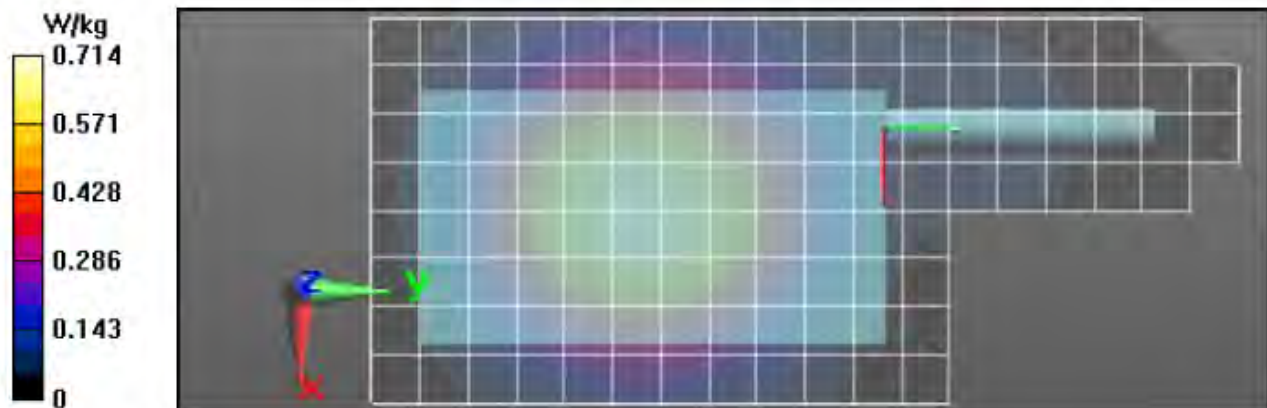


Table 29- Assessments at the Body worn PMLN7268A w/ NTN5243A Back of radio w/o belt loop; 806-824MHz

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/16/2018 3:23:38 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-05#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.6 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN7268Aw / NTN5243A Back of radio w/o belt loop
 Audio Acc: None
 Start Power: 1.58 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 1 \text{ S/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 25.82 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.609 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.07 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.82 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.690 W/kg (SAR corrected for target medium)

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

Maximum value of SAR (measured) = 1.09 W/kg

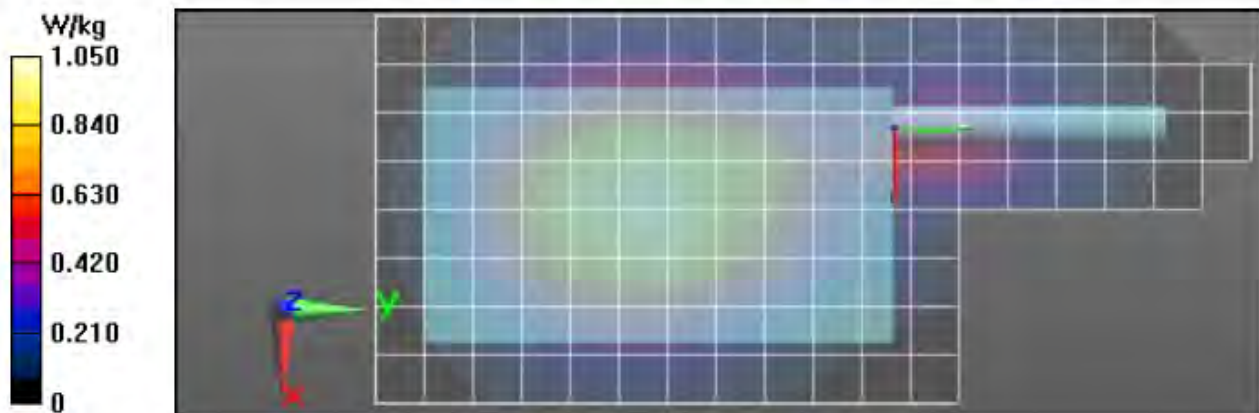


Table 30- Assessments at the Body with audio accessory; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 4:23:51 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-06#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.6 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: PMMN4067B
 Start Power: 1.60 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 1 \text{ S/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.43 V/m; Power Drift = -0.12 dB

Fast SAR: SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.266 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.462 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.43 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.306 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.476 W/kg

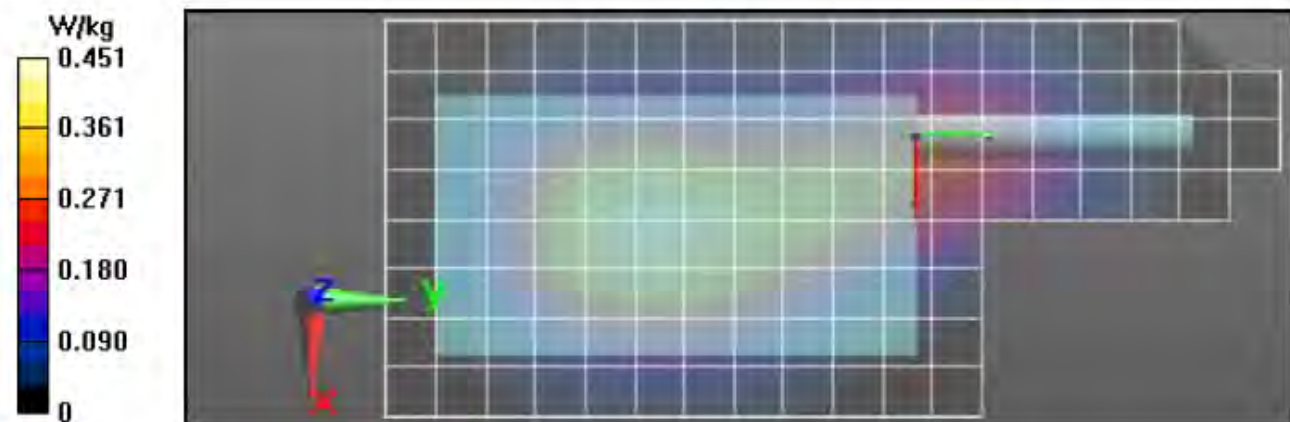
Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Table 31- Assessments at the Body with wireless BT configuration; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 7:34:59 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180816-08
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.4 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: None
 Start Power: 1.60 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.84, 10.84, 10.84); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 18.20 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.402 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.711 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.20 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.442 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.704 W/kg

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

Maximum value of SAR (measured) = 0.696 W/kg

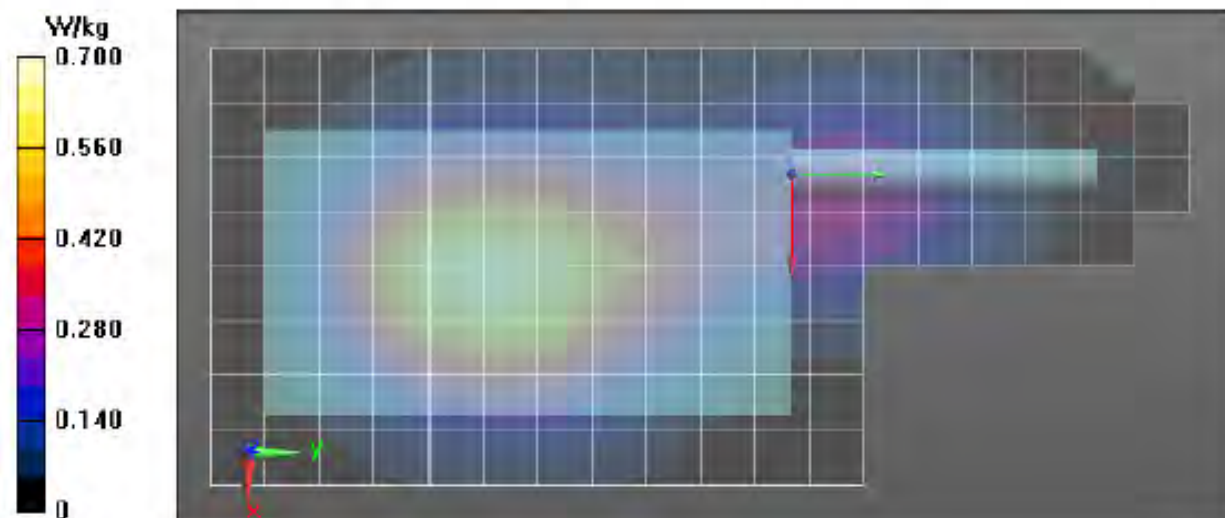


Table 33- Assessments at the Body worn HLN6602A; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 8:22:34 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180816-09
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.4 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: None
 Start Power: 1.55 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 31.33 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.04 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.82 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.33 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.93 W/kg

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

Maximum value of SAR (measured) = 1.94 W/kg

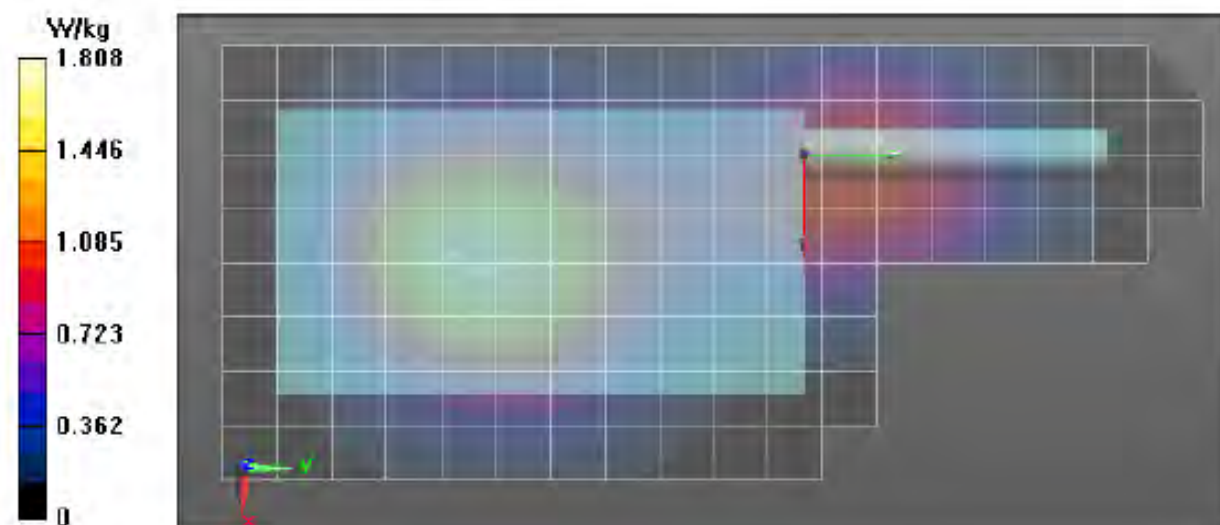


Table 34- Assessments at the Body worn RLN4815A; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 9:35:00 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180816-10
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.4 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: RLN4815A
 Audio Acc: None
 Start Power: 1.54 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 27.24 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.698 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.25 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.24 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.773 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.27 W/kg

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

Maximum value of SAR (measured) = 1.30 W/kg

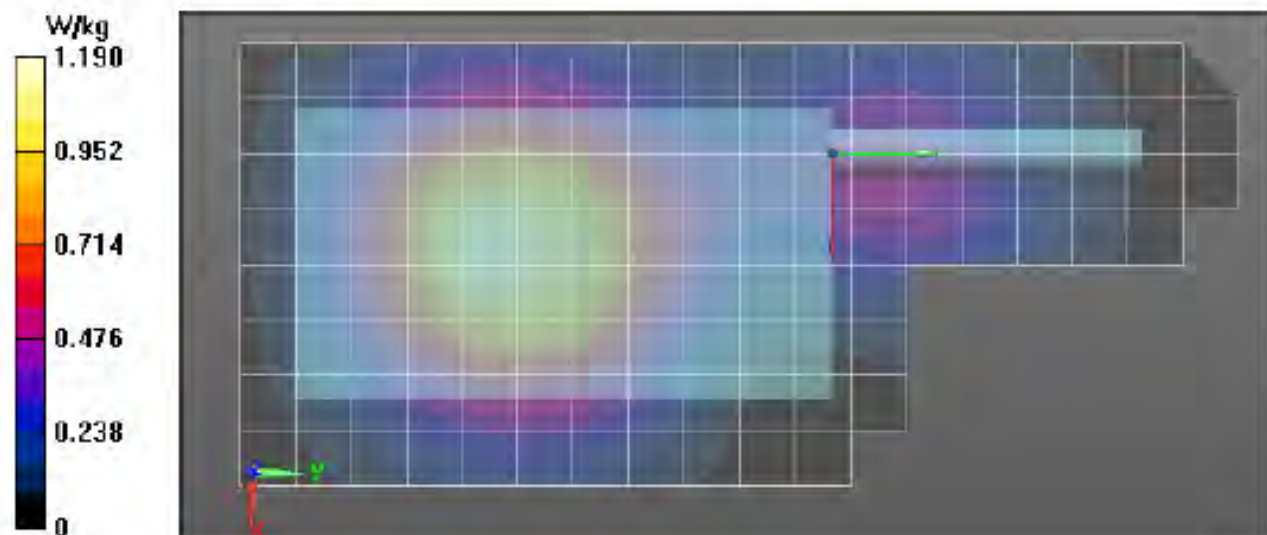


Table 35- Assessments at the Body worn PMLN7195A; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 1:19:46 PM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180816-11
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.3 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN7195A
 Audio Acc: None
 Start Power: 1.57 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 21.76 V/m; Power Drift = 0.21 dB

Fast SAR: SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.458 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.797 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 21.76 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.522 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.818 W/kg

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

Maximum value of SAR (measured) = 0.824 W/kg

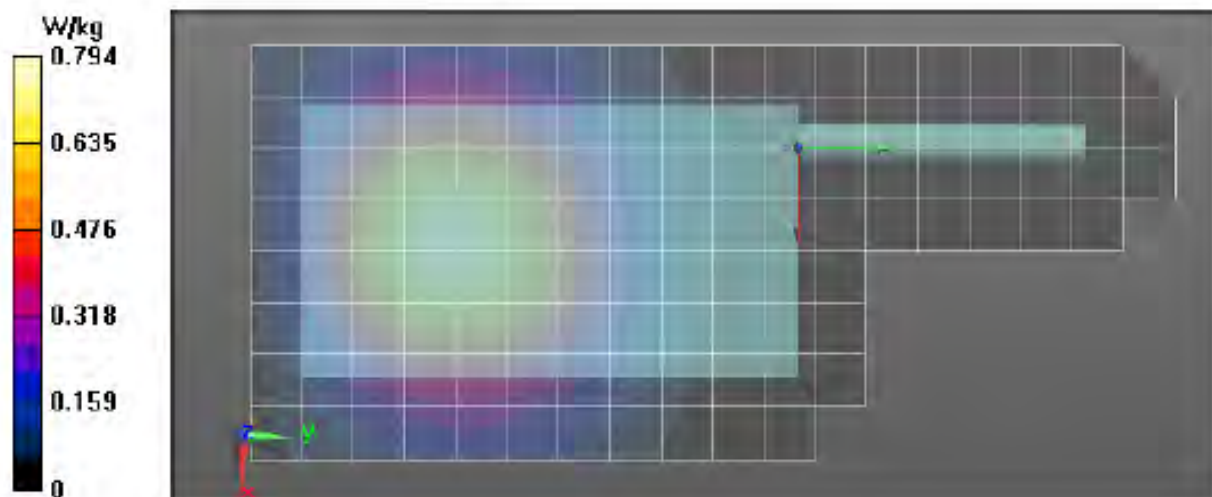


Table 36- Assessments at the Body worn PMLN7268A; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 3:27:07 PM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180816-12
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN7268A
 Audio Acc: None
 Start Power: 1.55 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 22.97 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.524 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.908 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 22.97 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.584 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.909 W/kg

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

Maximum value of SAR (measured) = 0.918 W/kg

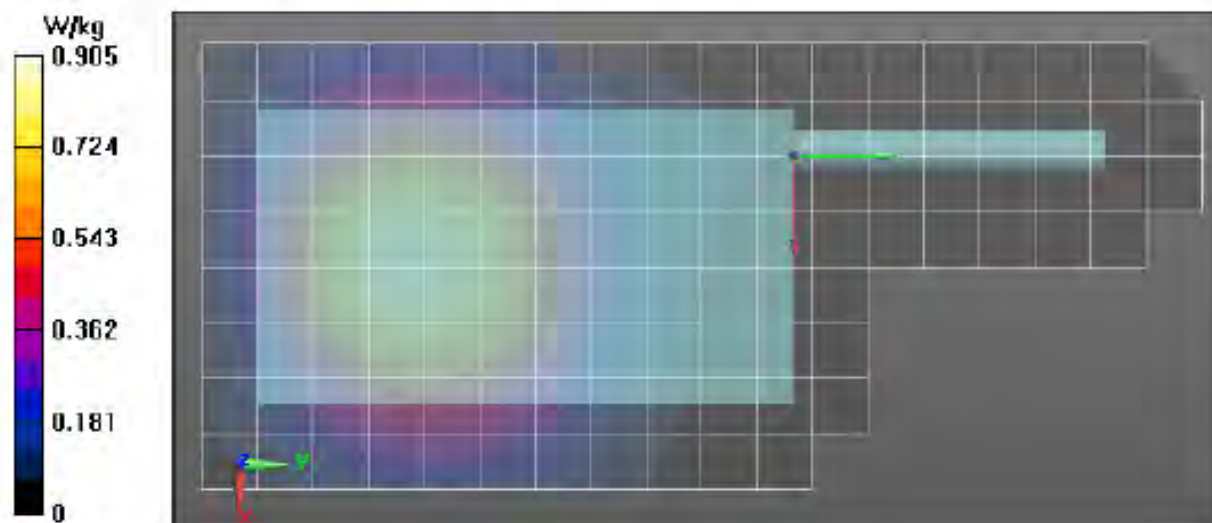


Table 37- Assessments at the Body worn PMLN6086A; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 7:21:04 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-13
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 20.9 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN6086A
 Audio Acc: None
 Start Power: 1.56 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 27.55 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.976 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.76 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x12x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.55 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 1.55 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.31 W/kg

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

Maximum value of SAR (measured) = 2.46 W/kg

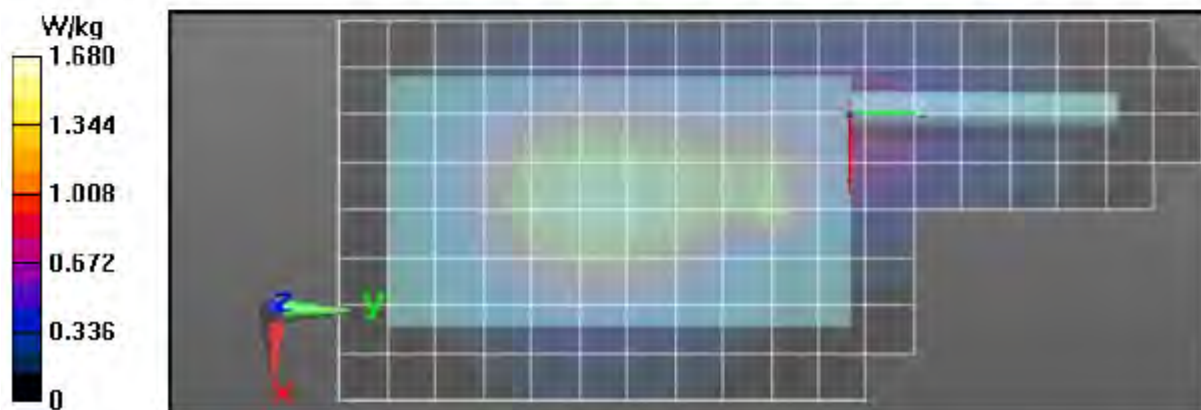


Table 38- Assessments at the Body worn GMDN0386A w/PMLN5004B; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 8:19:37 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-14
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 20.9 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0386A w/PMLN5004B
 Audio Acc: None
 Start Power: 1.56 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 27.36 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.634 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.10 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.36 V/m; Power Drift = 0.25 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.716 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.12 W/kg

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

Maximum value of SAR (measured) = 1.14 W/kg

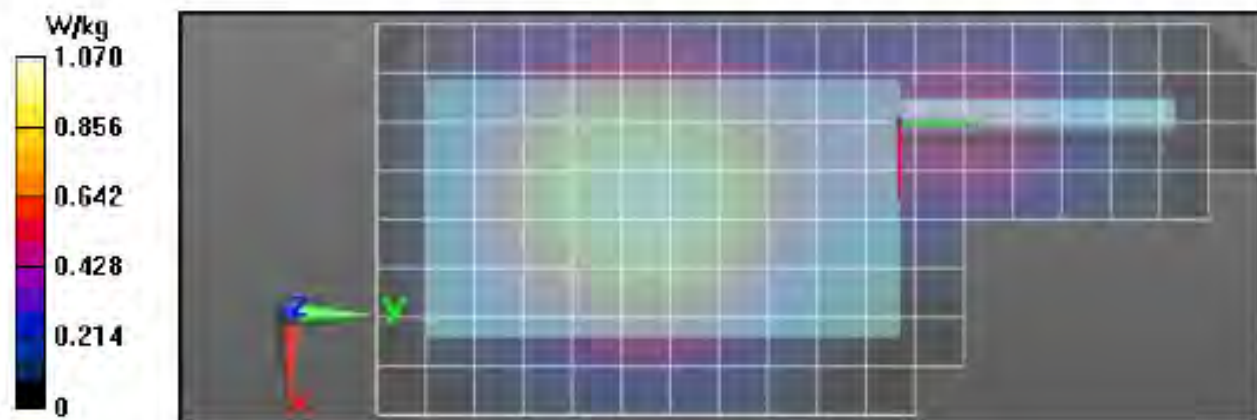


Table 39- Assessments at the Body worn GMDN0547A w/PMLN5004B; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 9:50:55 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-15
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 20.9 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0547A w/PMLN5004B
 Audio Acc: None
 Start Power: 1.55 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854 \text{ MHz}$; $\sigma = 1.04 \text{ S/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 23.87 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.478 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.835 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.87 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.548 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.964 W/kg

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

Maximum value of SAR (measured) = 0.972 W/kg

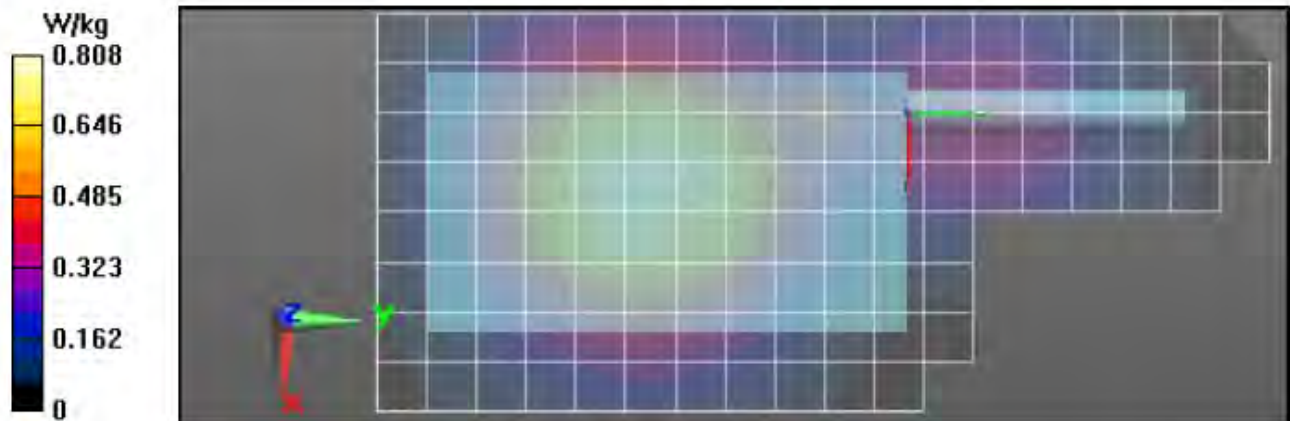


Table 40- Assessments at the Body worn GMDN0445AC w/PMLN5004B; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 10:33:46 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-16
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 20.9 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0445AC w/PMLN5004B
 Audio Acc: None
 Start Power: 1.56 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 23.32 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.469 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.813 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.32 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.537 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.842 W/kg

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

Maximum value of SAR (measured) = 0.841 W/kg

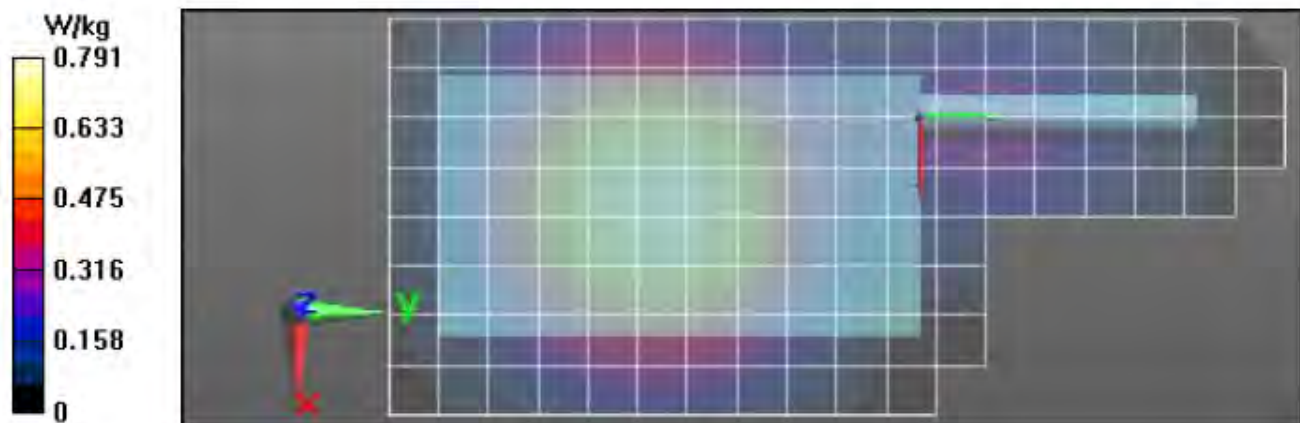


Table 41- Assessments at the Body worn WALN4307A w/PMLN5004B; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 11:15:39 PM

Robot#: DASY5-PG-2 | Run#: AM-AB-180816-17
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 20.9 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: WALN4307A w/PMLN5004B
 Audio Acc: None
 Start Power: 1.57 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 25.18 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.552 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.957 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.18 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.625 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.974 W/kg

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

Maximum value of SAR (measured) = 0.987 W/kg

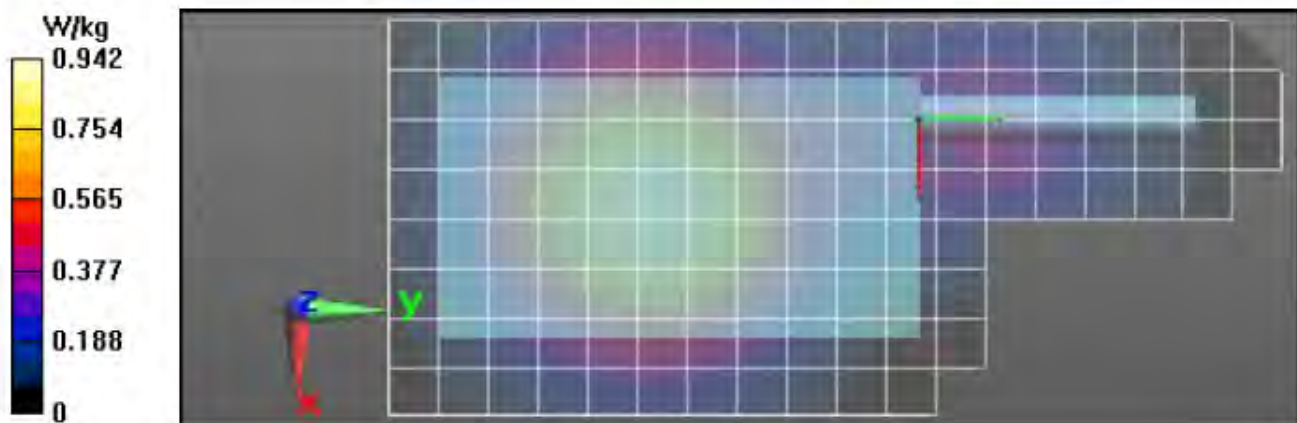


Table 42- Assessments at the Body worn GMDN0566AC w/PMLN5004B; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/17/2018 12:05:32 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180817-01#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 20.9 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0566AC w/PMLN5004B
 Audio Acc: None
 Start Power: 1.57 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 26.60 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.616 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.07 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.60 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.690 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.09 W/kg

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

Maximum value of SAR (measured) = 1.11 W/kg

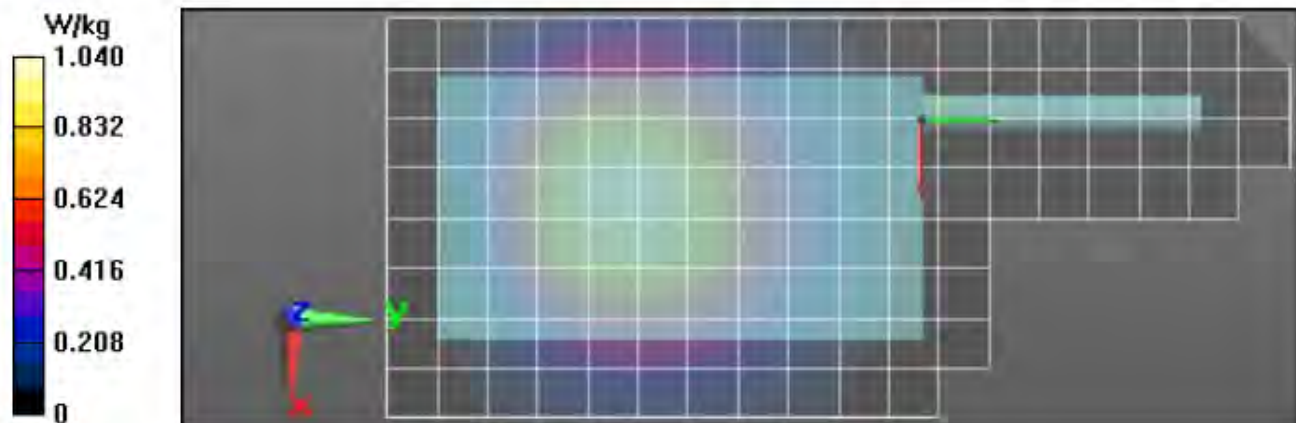


Table 43- Assessments at the Body worn GMDN0445AA w/PMLN5004B; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/17/2018 12:47:38 AM

Robot#: DASY5-PG-2 | Run#: AM-AB-180817-02#
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 20.9 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: GMDN0445AA w/PMLN5004B
 Audio Acc: None
 Start Power: 1.56 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 23.33 V/m; Power Drift = 0.30 dB

Fast SAR: SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.456 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.836 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.33 V/m; Power Drift = 0.32 dB

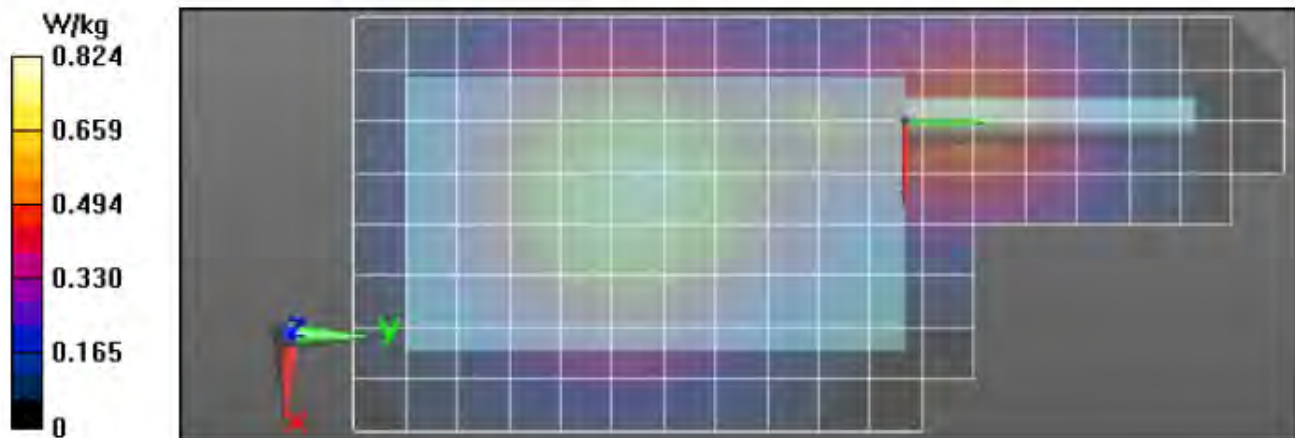
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.505 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.915 W/kg

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

Maximum value of SAR (measured) = 1.00 W/kg



**Table 44- Assessments at the Body worn PMLN7268A w/ NTN5243A Back of radio w/o belt loop;
851-869MHz****Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/17/2018 9:08:49 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180817-05
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: PMLN7268Aw / NTN5243A Back of radio w/o belt loop
 Audio Acc: None
 Start Power: 1.56 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854 \text{ MHz}$; $\sigma = 1.04 \text{ S/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 26.81 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.752 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.32 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.81 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.861 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.35 W/kg

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

Maximum value of SAR (measured) = 1.36 W/kg

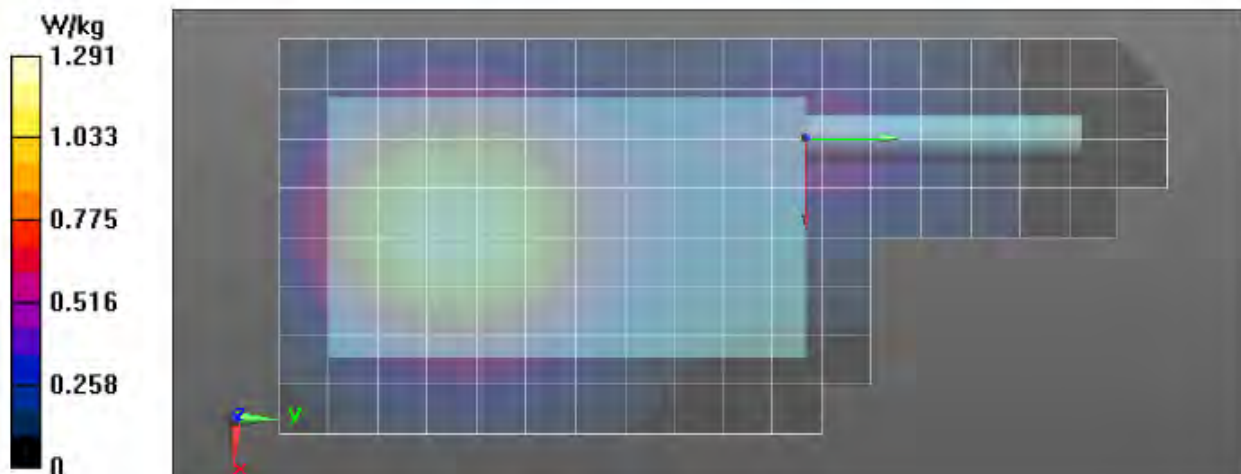


Table 45- Assessments at the Body with audio accessory; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/17/2018 10:27:23 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180817-06
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: PMMN4067B
 Start Power: 1.60 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 16.91 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.210 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.371 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.91 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.229 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.366 W/kg

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

Maximum value of SAR (measured) = 0.370 W/kg

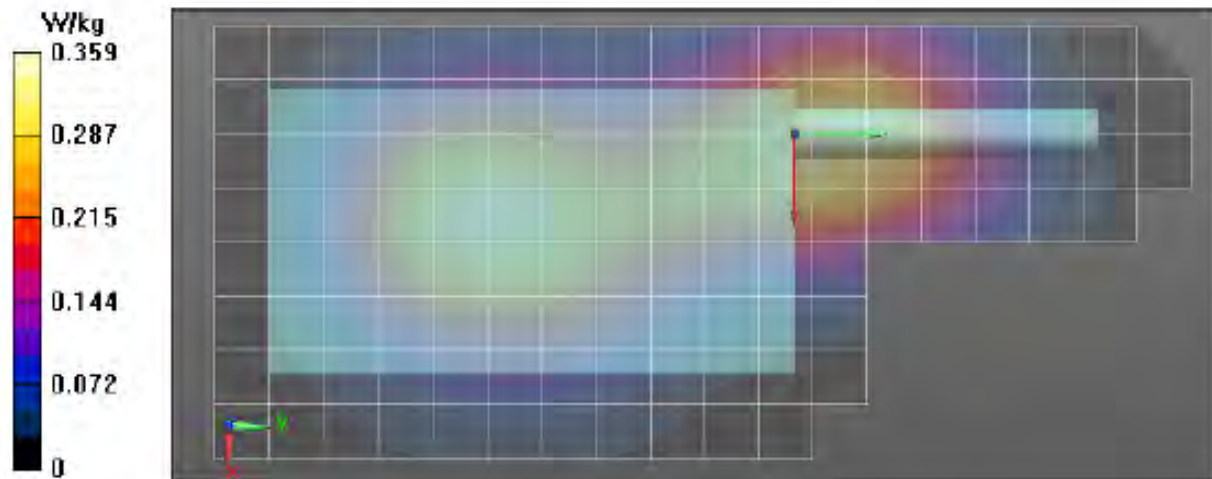


Table 46- Assessments at the Body with wireless BT configuration; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/17/2018 11:14:24 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180817-07
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: None
 Start Power: 1.60 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 19.81 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.428 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.754 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm,

dy=7.5mm, dz=5mm

Reference Value = 19.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.479 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.766 W/kg

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

Maximum value of SAR (measured) = 0.776 W/kg

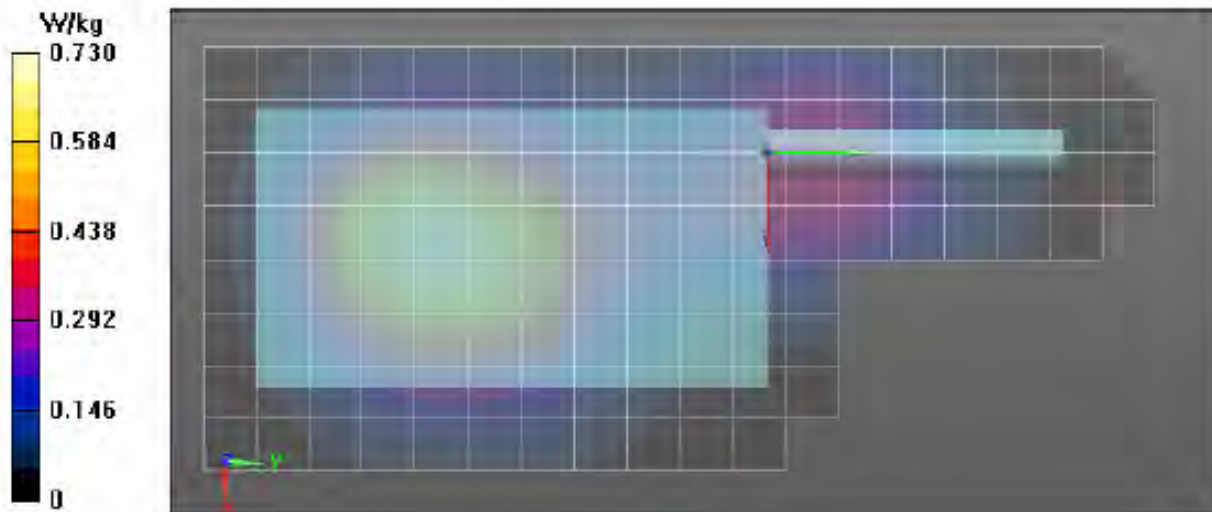


Table 48 - Assessments at the Face; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/18/2018 1:08:58 AM

Robot#: DASY5-PG-2 | Run#: AM-FACE-180818-02#
 Model#: PMUF1815A
 Phantom#: ELI4 1016
 Tissue Temp: 20.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 1.60 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.93, 10.93, 10.93); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.13 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.119 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.203 W/kg

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

Reference Value = 13.13 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.133 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.209 W/kg

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

Maximum value of SAR (measured) = 0.208 W/kg

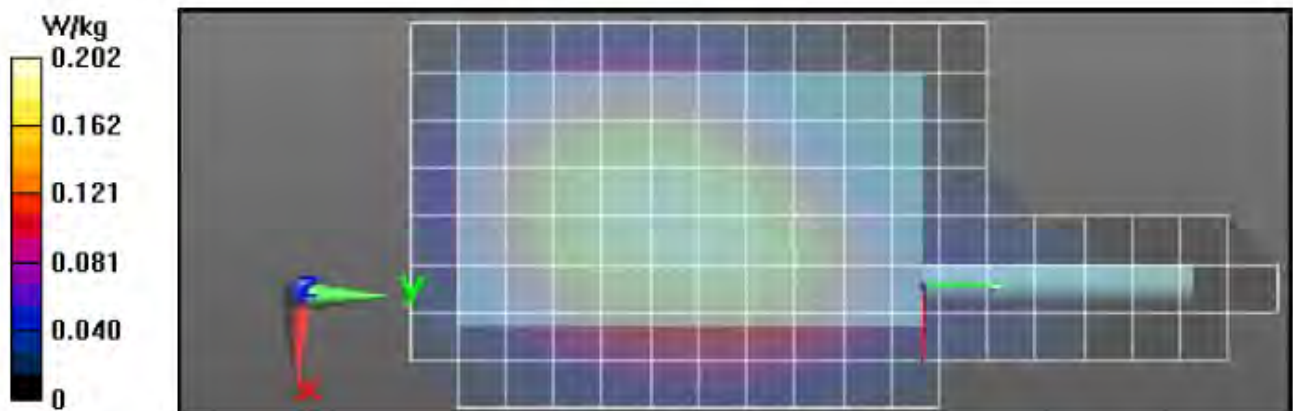


Table 50 - Assessments at the Face; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/18/2018 1:47:39 AM

Robot#: DASY5-PG-2 | Run#: AM-FACE-180818-03#
 Model#: PMUF1815A
 Phantom#: ELI4 1016
 Tissue Temp: 20.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 1.60 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 854$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 854 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.03 V/m; Power Drift = -0.57 dB

Fast SAR: SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.177 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.307 W/kg

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

Reference Value = 15.03 V/m; Power Drift = -0.57 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.167 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 0.271 W/kg

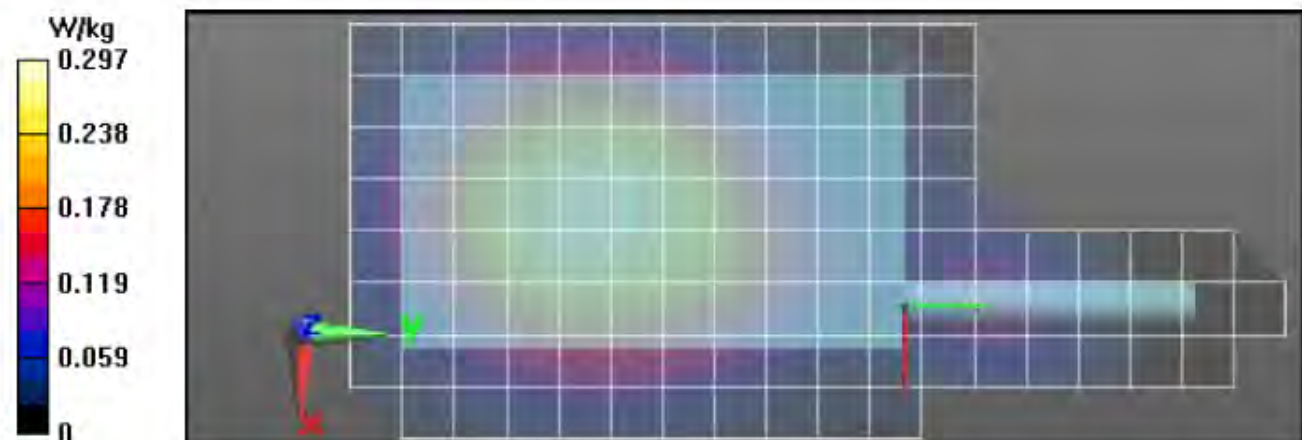


Table 52 - Assessments at the Head Left Ear Cheek Touch; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/19/2018 9:54:16 AM

Robot#: DASY5-PG-2 | Run#: AM-LEAR-180819-02
 Model#: PMUF1815A
 Phantom#: SAMTP 1382
 Tissue Temp: 21.3 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: None, Touch
 Audio Acc: None
 Start Power: 1.60 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 809 MHz, ConvF(10.93, 10.93, 10.93); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Left Ear-Touch position/1-Area Scan (81x171x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 36.81 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.832 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.59 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/3-Zoom Scan (5x6x7)/Cube 0: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 36.81 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.903 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.61 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/4-Z-Axis Scan (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 1.66 W/kg

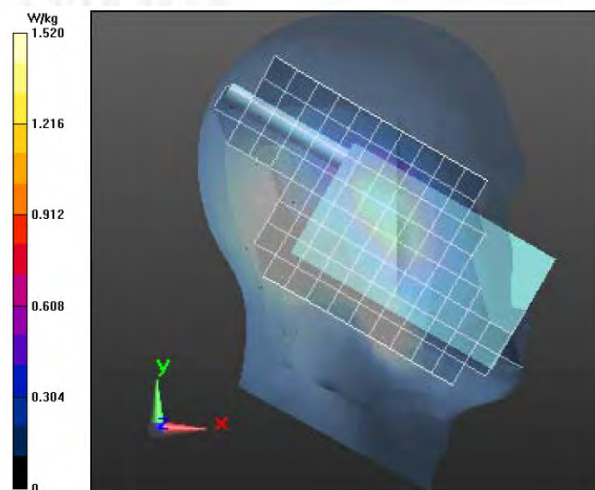


Table 53 - Assessments at the Head Right Ear Cheek Touch; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/19/2018 11:05:10 AM

Robot#: DASY5-PG-2 | Run#: AM-REAR-180819-04
 Model#: PMUF1815A
 Phantom#: SAMTP 1382
 Tissue Temp: 21.1 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: None, Touch
 Audio Acc: None
 Start Power: 1.60 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.93, 10.93, 10.93); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Right Ear-Touch Position/1-Area Scan (81x181x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 28.72 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.700 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.33 W/kg

Below 2 GHz-Rev.2/Right Ear-Touch Position/3-Zoom Scan (5x6x7)/Cube 0: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.72 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.730 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.29 W/kg

Below 2 GHz-Rev.2/Right Ear-Touch Position/4-Z-Axis Scan (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 1.31 W/kg

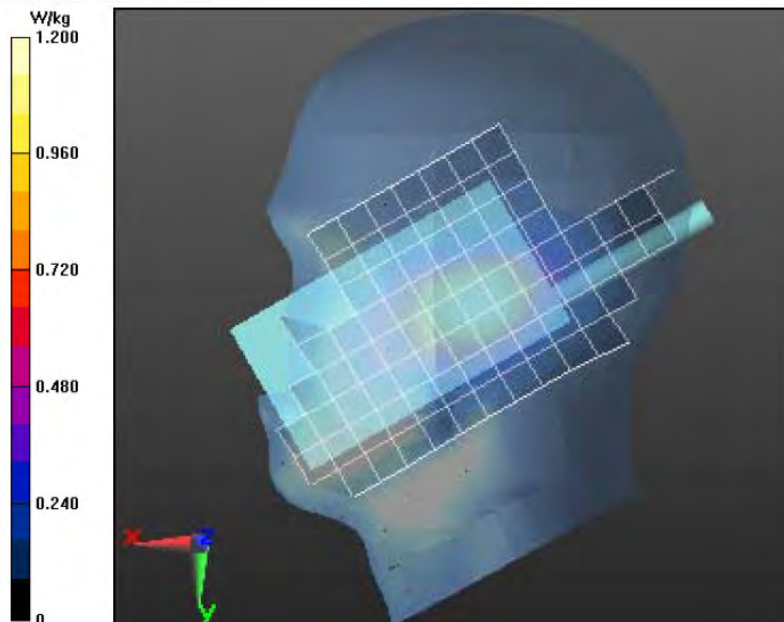


Table 55 - Assessments at the Head Left Ear Cheek Touch; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/19/2018 1:52:47 PM

Robot#: DASY5-PG-2 | Run#: AM-LEAR-180819-08
 Model#: PMUF1815A
 Phantom#: SAMTP 1382
 Tissue Temp: 21.4 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: None, Touch
 Audio Acc: None
 Start Power: 1.60 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 854$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Left Ear-Touch position/1-Area Scan (81x171x1): Interpolated grid:
 $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 34.01 V/m; Power Drift = -0.08 dB
 Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.842 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.62 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/3-Zoom Scan (5x6x7)/Cube 0: Measurement
 grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
 Reference Value = 34.01 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.80 W/kg
 SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.913 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 1.55 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/4-Z-Axis Scan (1x1x17): Measurement grid:
 $dx=20$ mm, $dy=20$ mm, $dz=10$ mm

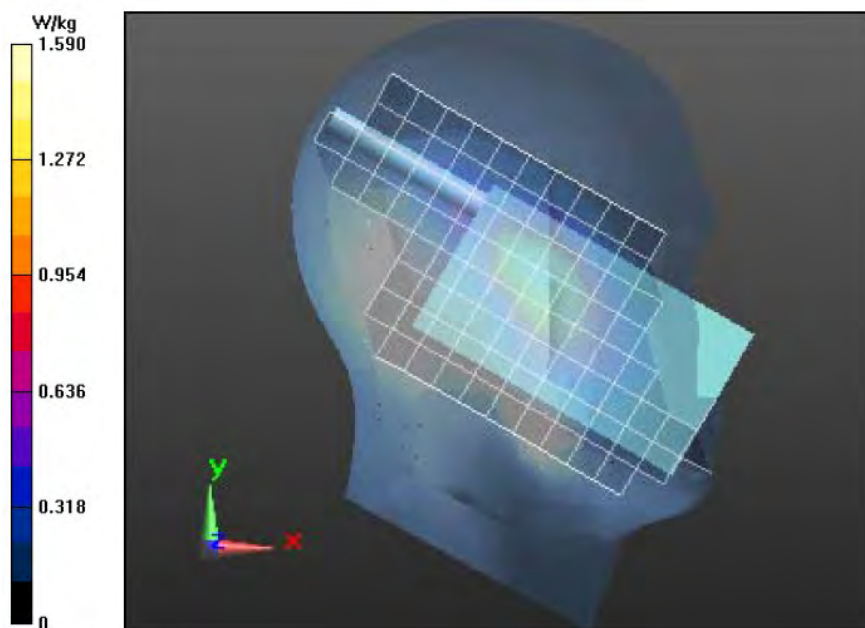


Table 56 - Assessments at the Head Right Ear Cheek Touch; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/19/2018 2:54:34 PM

Robot#: DASY5-PG-2 | Run#: AM-REAR-180819-10
 Model#: PMUF1815A
 Phantom#: SAMTP 1382
 Tissue Temp: 21.3 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: None, Touch
 Audio Acc: None
 Start Power: 1.60 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 854 \text{ MHz}$; $\sigma = 0.97 \text{ S/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7485, Frequency: 854 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018

Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Right Ear-Touch Position/1-Area Scan (81x181x1): Interpolated grid:
 $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 26.02 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.703 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.32 W/kg

Below 2 GHz-Rev.2/Right Ear-Touch Position/3-Zoom Scan (5x6x7)/Cube 0: Measurement
 grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.02 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.759 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.28 W/kg

Below 2 GHz-Rev.2/Right Ear-Touch Position/4-Z-Axis Scan (1x1x17): Measurement grid:

 $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 1.30 W/kg

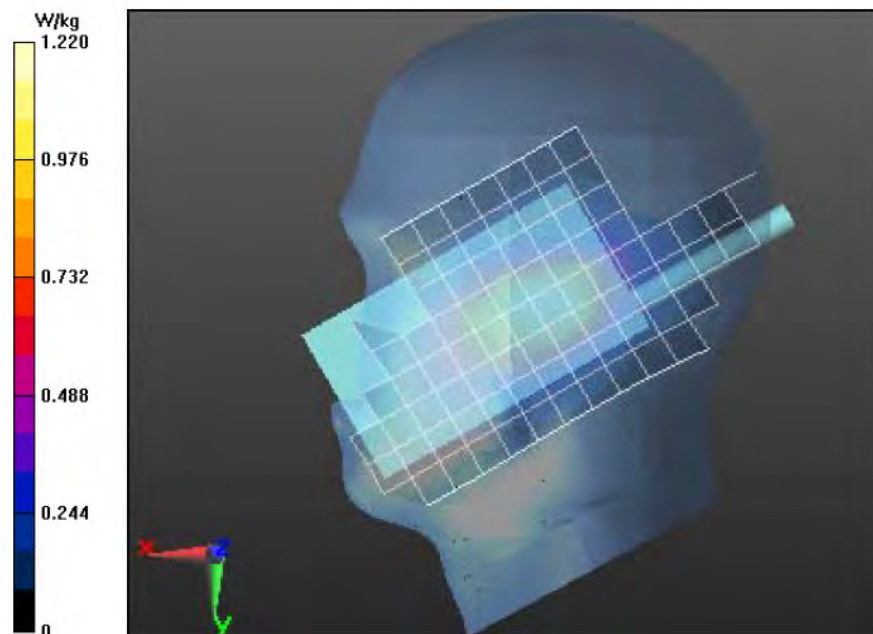


Table 57 - Assessments for ISED, Canada Body; 806-824MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/17/2018 3:05:18 PM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180817-09
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.2 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 824.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: None
 Start Power: 1.55 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 824$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 824 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 31.56 V/m; Power Drift = 0.21 dB

Fast SAR: SAR(1 g) = 1.68 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.05 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.56 V/m; Power Drift = -0.32 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.82 W/kg; SAR(10 g) = 1.34 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.12 W/kg

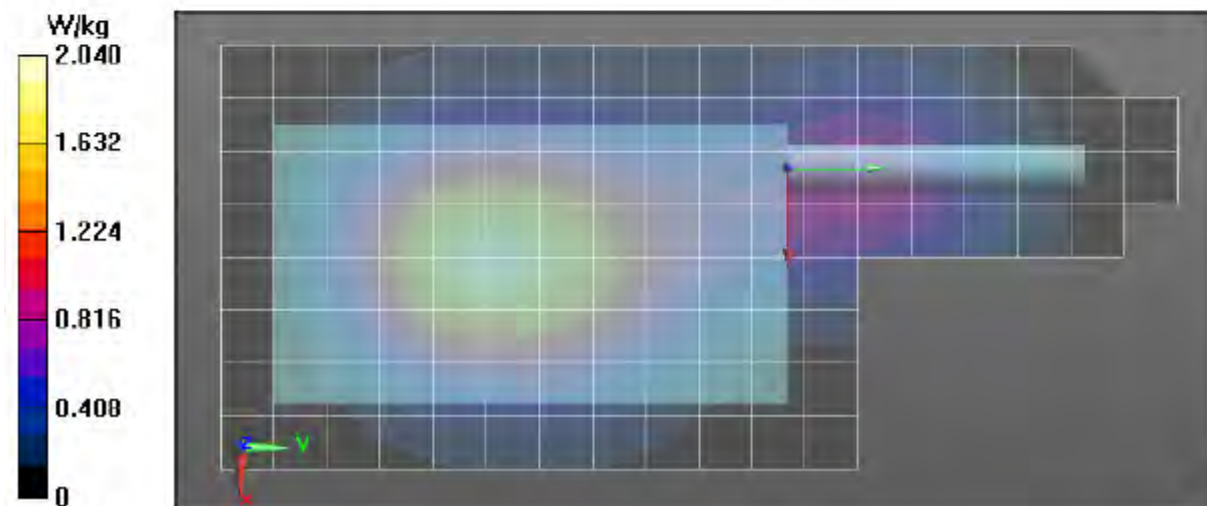


Table 57 - Assessments for ISED, Canada Head Left Ear Touch; 806-824MHz

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/19/2018 9:54:16 AM

Robot#: DASY5-PG-2 | Run#: AM-LEAR-180819-02
 Model#: PMUF1815A
 Phantom#: SAMTP 1382
 Tissue Temp: 21.3 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 809.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: None, Touch
 Audio Acc: None
 Start Power: 1.60 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Frequency: 809 MHz, ConvF(10.93, 10.93, 10.93); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Left Ear-Touch position/1-Area Scan (81x171x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 36.81 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.832 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.59 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/3-Zoom Scan (5x6x7)/Cube 0: Measurement

grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.81 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.903 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.61 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/4-Z-Axis Scan (1x1x17): Measurement grid:

$dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 1.66 W/kg

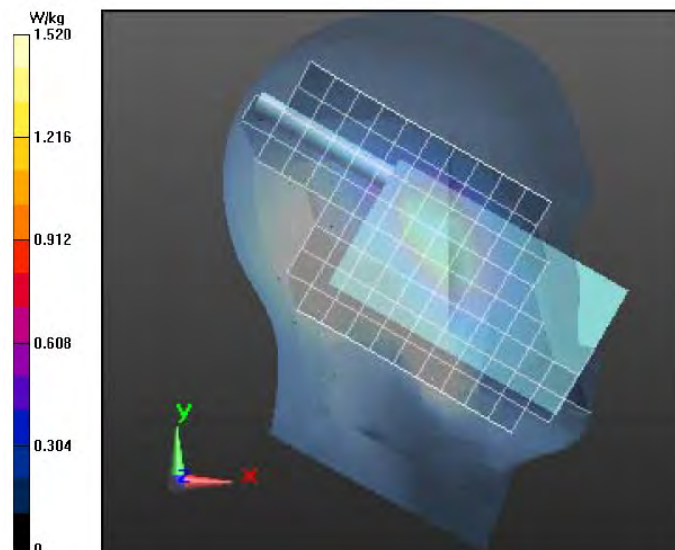


Table 57 - Assessments for ISED, Canada Face; 806-824MHz

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/18/2018 2:57:16 AM

Robot#: DASY5-PG-2 | Run#: AM-FACE-180818-05#
 Model#: PMUF1815A
 Phantom#: ELI4 1016
 Tissue Temp: 20.7 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 824.0000 (MHz)
 Battery: NNTN8570B
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 1.60 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 824$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 824 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.47 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.136 W/kg (SAR corrected for target medium)

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

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

Reference Value = 13.47 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.149 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.237 W/kg

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

Maximum value of SAR (measured) = 0.234 W/kg

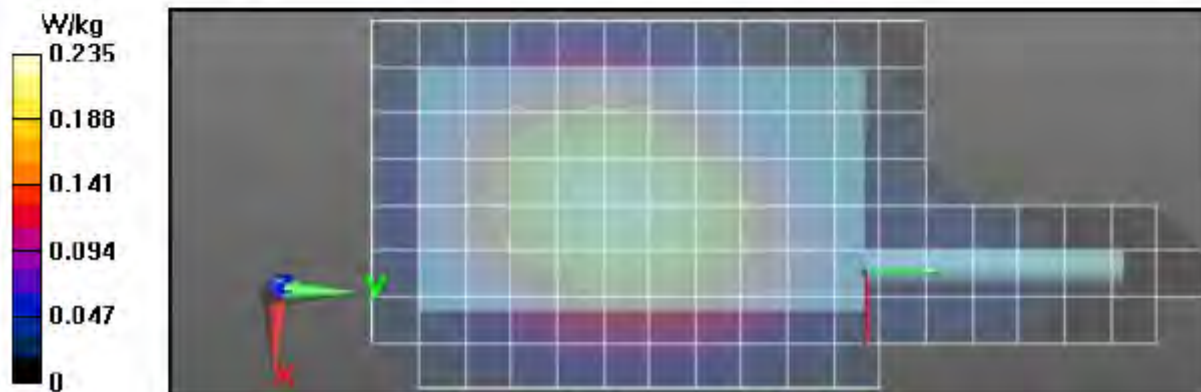


Table 57 - Assessments for ISED, Canada Body; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/16/2018 8:22:34 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180816-09
 Model#: PMUF1815A
 Phantom#: ELI4 1108
 Tissue Temp: 21.4 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 854.000 (MHz)
 Battery: NNTN8570B
 Carry Acc: HLN6602A
 Audio Acc: None
 Start Power: 1.55 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, , Frequency: 854 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (91x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 31.33 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.04 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.82 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.33 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.93 W/kg

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

Maximum value of SAR (measured) = 1.94 W/kg

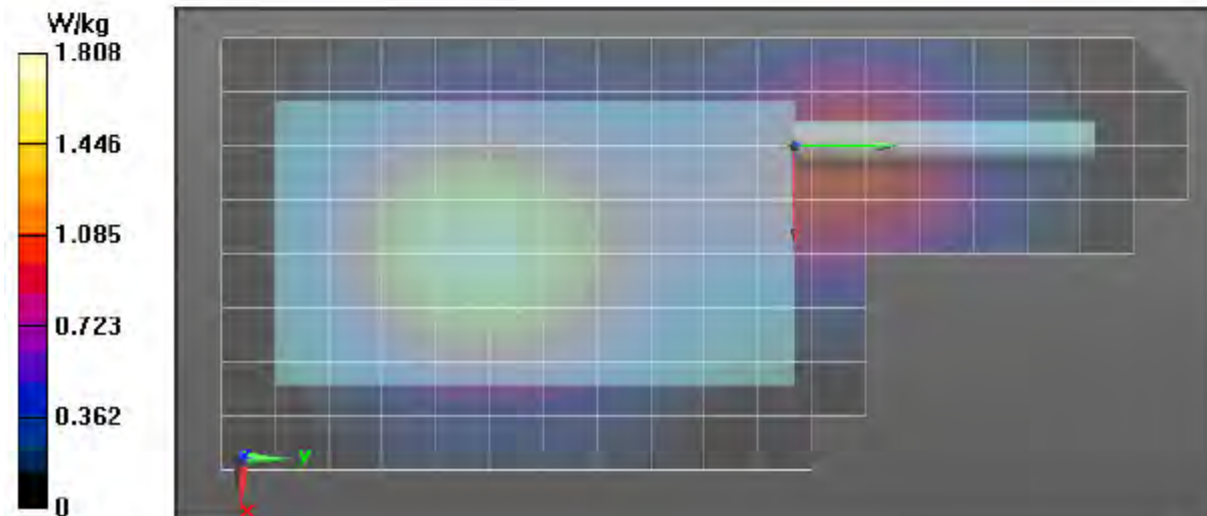


Table 57 - Assessments for ISED, Canada Head Left Ear Touch; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/20/2018 10:48:31 AM

Robot#: DASY5-PG-2 | Run#: AM-LEAR-180820-03
 Model#: PMUF1815A
 Phantom#: SAMTP 1382
 Tissue Temp: 21.2 (C)
 Serial#: 122TRR0076
 Antenna: PMAF4019A
 Test Freq: 861.5000 (MHz)
 Battery: NNTN8570B
 Carry Acc: None, Touch
 Audio Acc: None
 Start Power: 1.57 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 862$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Frequency: 861.5 MHz, ConvF(10.43, 10.43, 10.43); Calibrated: 1/17/2018
 Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Left Ear-Touch position/1-Area Scan (81x171x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 34.98 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.830 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.57 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/3-Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 34.98 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.908 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.56 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/4-Z-Axis Scan (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 1.59 W/kg

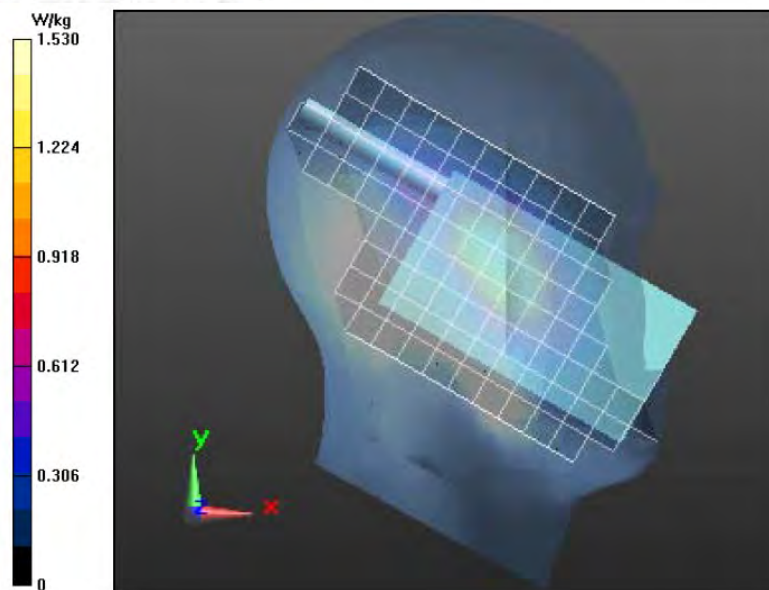


Table 57- Assessments for ISED, Canada Face; 851-869MHz**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/18/2018 4:06:09 AM

Robot#: DASY5-PG-2 | Run#: AM-FACE-180818-07#

Model#: PMUF1815A

Phantom#: ELI4 1016

Tissue Temp: 20.5 (C)

Serial#: 122TRR0076

Antenna: PMAF4019A

Test Freq: 869.0000 (MHz)

Battery: NNTN8570B

Carry Acc: @ front

Audio Acc: N/A

Start Power: 1.57 (W)

Comments:Duty Cycle: 1:4.54988, Medium parameters used: $f = 869$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, , Frequency: 869 MHz, ConvF(10.43, 10.43, 10.43); Calibrated: 1/17/2018

Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.45 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.205 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.357 W/kg

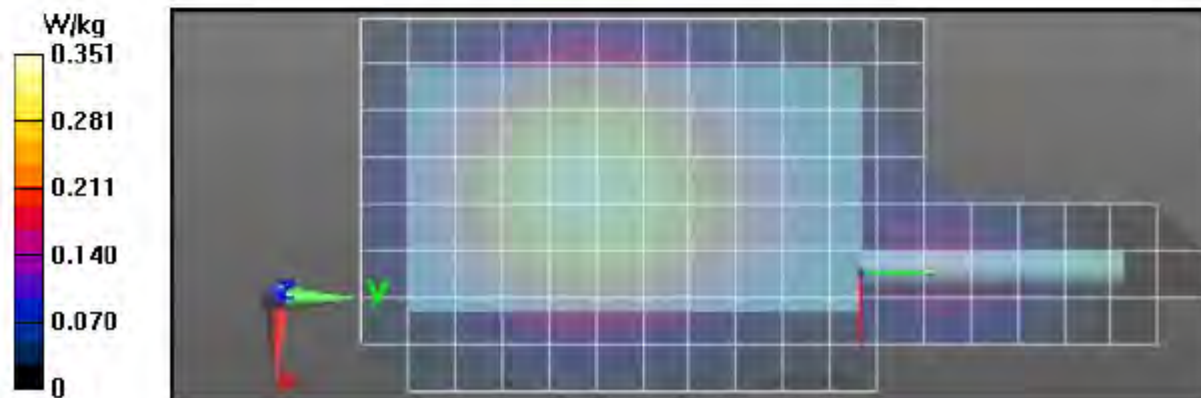
Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.45 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.218 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.358 W/kg

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

APPENDIX F

Shortened Scan of Highest SAR configuration

Table 58

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/28/2018 10:45:31 AM

Robot#: DASY5-PG-2 | Run#: FAZ-AB-180828-08
Model#: PMUF1815A
Phantom#: ELI4 1108
Tissue Temp: 22.0 (C)
Serial#: 122TRR0076
Antenna: PMAF4019A
Test Freq: 824.0000 (MHz)
Battery: NNTN8570B
Carry Acc: HLN6602A
Audio Acc: None
Start Power: 1.59 (W)

Comments: Shorten Scan

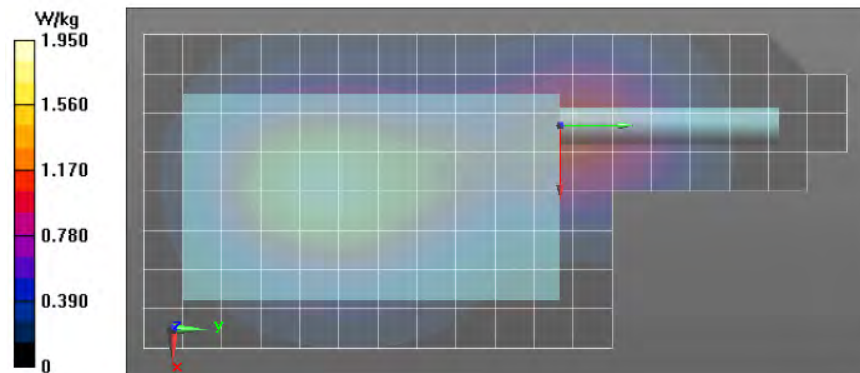
Duty Cycle: 1:1.50003, Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 1 \text{ S/m}$; $\epsilon_1 = 53.2$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7485, Frequency: 824 MHz, ConvF(10.44, 10.44, 10.44); Calibrated: 1/17/2018
Electronics: DAE4 Sn688, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 33.88 V/m; Power Drift = 0.13 dB
Fast SAR: SAR(1 g) = 1.62 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.98 W/kg

Below 2 GHz-Rev.2/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: $dx=0.7500 \text{ mm}$,
 $dy=0.7500 \text{ mm}$, $dz=1.000 \text{ mm}$
Reference Value = 33.88 V/m; Power Drift = 0.17 dB
Fast SAR: SAR(1 g) = 1.7 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.03 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$,
 $dz=10\text{mm}$
Maximum value of SAR (measured) = 1.76 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$,
 $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 45.15 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.04 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)
Full scan (area & zoom)	57	30	2.00
Shorten scan (zoom)	58	8	1.76

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