MOTOROLA SOLUTIONS

ACCREDITED
TESTING CERT # 2518.01

# DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

**Motorola Solutions Inc.**
**EME Test Laboratory**
8000 West Sunrise Blvd
Fort Lauderdale, FL. 33322

**Date of Report: 07/07/2015**
**Report Revision: C**

| | |
|---|---|
| **Responsible Engineer:** | Jessica Zada (EME Engineer) |
| **Report Author:** | Jessica Zada (EME Engineer) |
| **Date/s Tested:** | 3/18/2015,3/20/2015, 6/05/2015, 6/25/2015-6/26/2015, 6/30/2015-7/01/2015 |
| **Manufacturer/Location:** | Motorola Solutions Inc., Penang |
| **Sector/Group/Div.:** | AESS |
| **Date submitted for test:** | 03/09/2015 |
| **DUT Description:** | APX4000XH 806-824MHz at 3.0W, 851-870 MHz at 3.0W, 896-901MHz at 2.5W, 935-941MHz at 2.5W, 2.402-2.48 GHz at 10 mW, 12.5kHz/25kHz, Capable of digital and analog FM transmission, also capable of TDMA transmission. This radio is Bluetooth equipped. |
| **Test TX mode(s):** | CW (PTT) |
| **Max. Power output:** | 3.6 W for 806–824 MHz & 851-870 MHz, 3.0 W for 896-901 MHz & 935-941 MHz, 10 mW for 2.402-2.48 GHz |
| **Nominal Power:** | 3.0 W for 806–824 MHz & 851-870 MHz , 2.5 W for 896-901 MHz & 935-941 MHz , 10 mW 2.402-2.48 GHz |
| **Tx Frequency Bands:** | 806–824 MHz, 851-870 MHz, 896-901 MHz, 935-941 MHz, 2.402-2.48 GHz |
| **Signaling type:** | FM, TDMA, FHSS (Bluetooth) |
| **Model(s) Tested:** | PMUF1705A |
| **Model(s) Certified:** | PMUF1705A, H51VCH9PW7AN |
| **Serial Number(s):** | 305TRD0134, 305TRD0028 |
| **Classification:** | Occupational/Controlled |
| **FCC ID:** | AZ489FT7063; 806–824 MHz, 851-870 MHz, 896-901 MHz, 935-941 MHz, 2.402-2.48 GHz |
| **IC:** | 109U-89FT7063 |

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

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

Deanna Zakharia

Digitally signed by Deanna Zakharia
DN: cn=Deanna Zakharia, o=Motorola Solutions, ou=Regulatory Compliance Lab, email=ejdc015@motorolasolutions.com, c=US
Date: 2015.07.07 12:46:25 -04'00'

**Deanna Zakharia**
**EMS EME Lab Senior Resource Manager,**
**Laboratory Director**
**Approval Date:** 7/7/2015

**Certification Date**: 7/7/2015

**Certification No.: L1150617P**

# Appendix D
# System Verification Check Scans

## Motorola Solutions, Inc. EME Laboratory
**Date/Time: 3/18/2015 7:47:21 AM**

| | |
|---|---|
| obot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900H-150318-05 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 21.4 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.022 dB |
| Adjusted SAR (1W): | 10.08 mW/g (1g) |

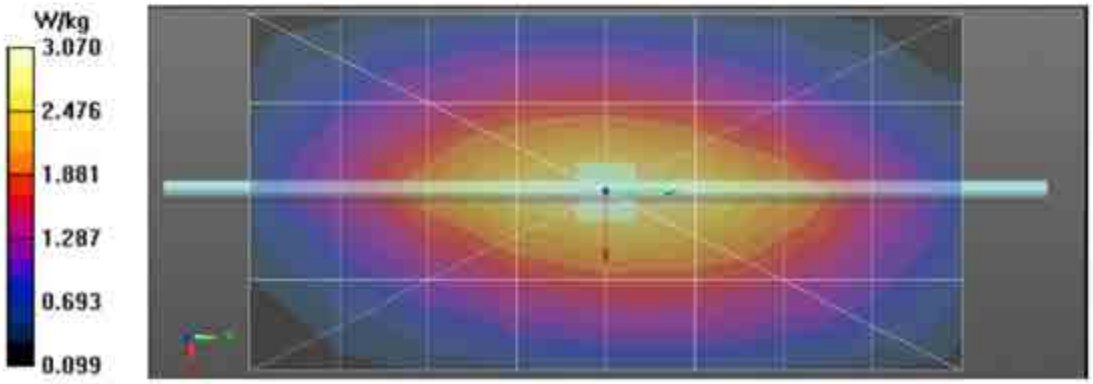
Comments:

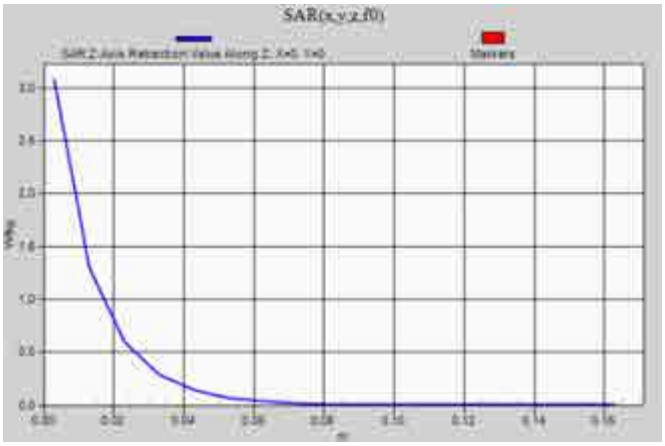
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz, $\sigma$ = 1.01 S/m; $\varepsilon_r$ = 40.8; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.07 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 = 57.00 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 4.00 W/kg
**SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.61 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=20mm, dy=20mm, dz=10mm



## Motorola Solutions, Inc. EME Laboratory
**Date/Time: 3/20/2015 5:17:11 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900B-150320-01 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1109 |
| Tissue Temp: | 21.4 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.025 dB |
| Adjusted SAR (1W): | 11.24 mW/g (1g) |

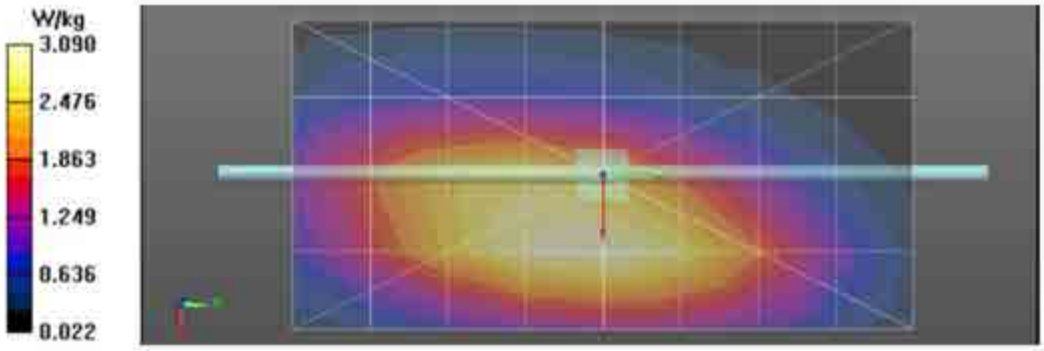
Comments:

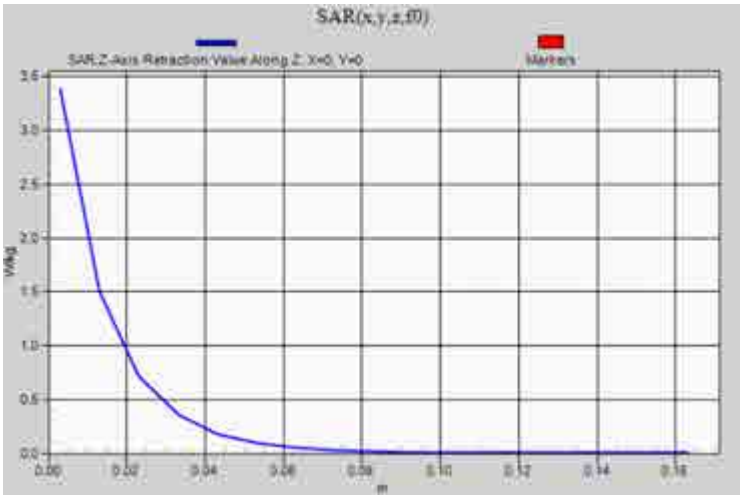
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz, $\sigma$ = 1.07 S/m; $\varepsilon_r$ = 52.6, $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.09 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 = 58.14 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.34 W/kg
**SAR(1 g) = 2.81 W/kg; SAR(10 g) = 1.81 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.40 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) = 3.39 W/kg



## Motorola Solutions, Inc. EME Laboratory
**Date/Time: 6/5/2015 5:21:47 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900B-150605-01 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1090 |
| Tissue Temp: | 20.9 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.022 dB |
| Adjusted SAR (1W): | 10.88 mW/g (1g) |

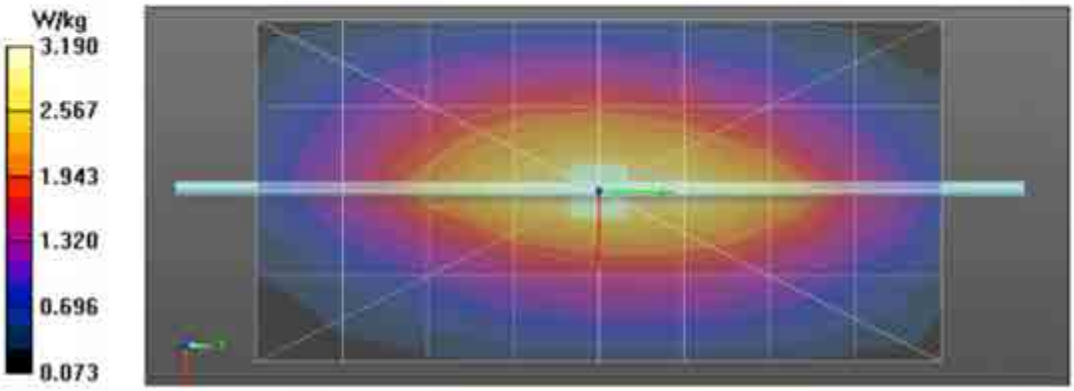
Comments:

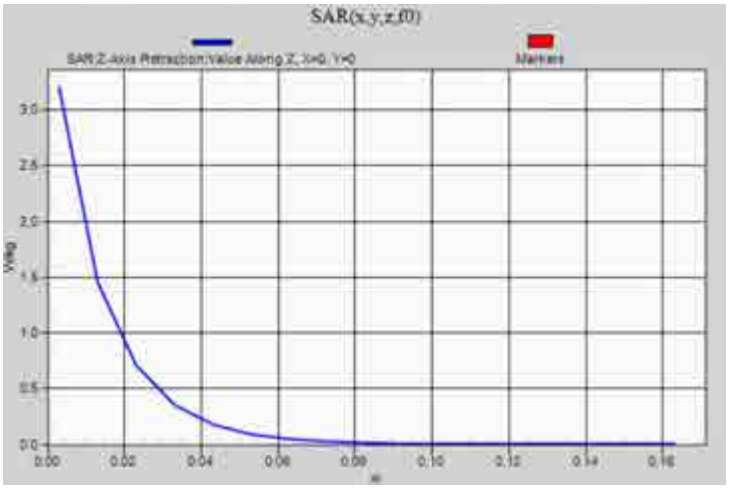
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; $\sigma$ = 1.05 S/m; $\varepsilon_r$ = 53.9; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.19 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 = 57.10 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.05 W/kg
**SAR(1 g) = 2.72 W/kg; SAR(10 g) = 1.76 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.21 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) = 3.20 W/kg



## Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/5/2015 7:27:55 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 | Run#: ErC-SYSP-900H-150605-01 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 20.9 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.022 dB |
| Adjusted SAR (1W): | 10.40 mW/g (1g) |

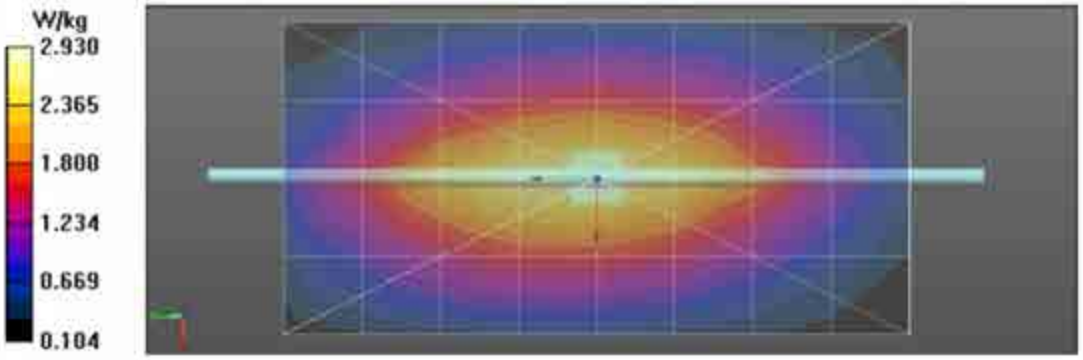
Comments:

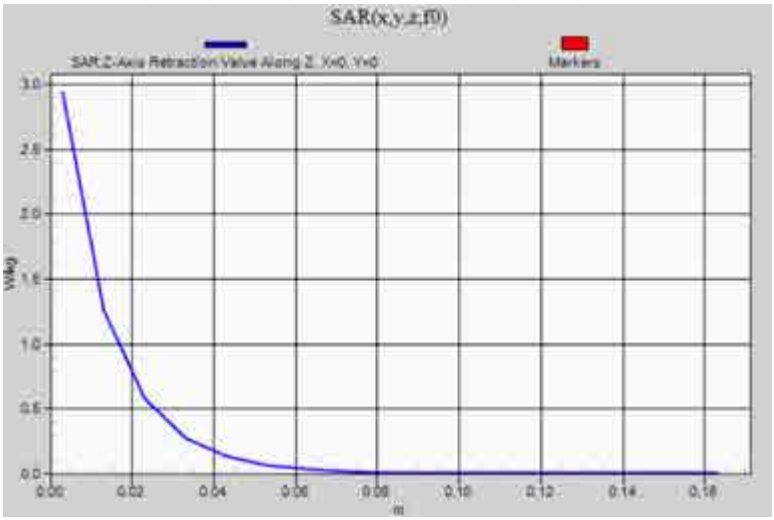
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 39.7; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.93 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 = 56.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.79 W/kg
**SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.56 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.94 W/kg

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



## Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/25/2015 9:32:52 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900B-150625-08 |
| Dipole Model# | D900V2 |
| Phantom# | OVAL1016 |
| Tissue Temp: | 21.6 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.02 dB |
| Adjusted SAR (1W): | 10.36 mW/g (1g) |

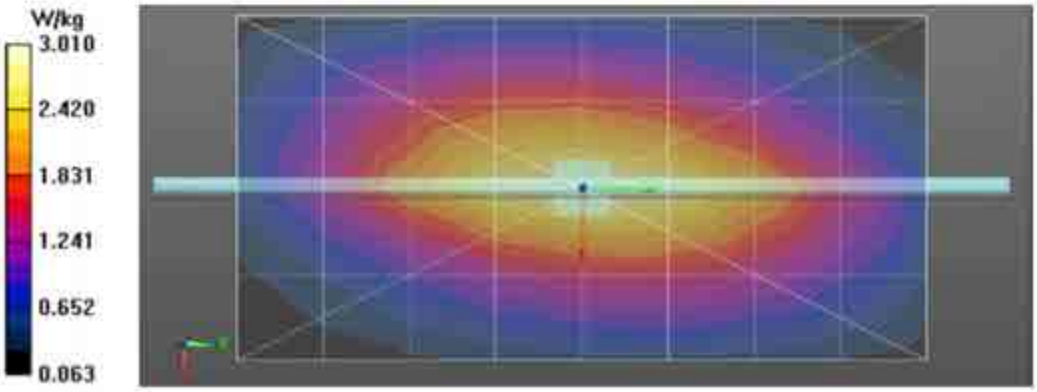
Comments:

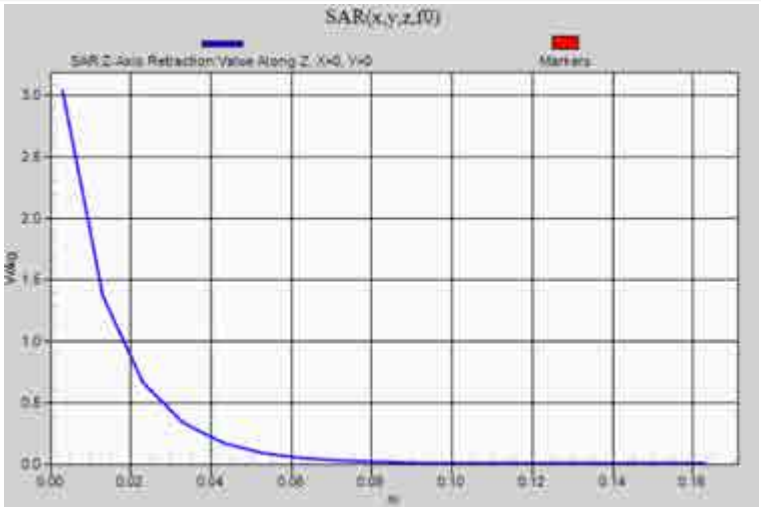
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; $\sigma$ = 1.04 S/m; $\varepsilon_r$ = 54.3; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.01 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 = 55.74 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.85 W/kg
**SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.67 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.03 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) = 3.04 W/kg



## Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/26/2015 5:04:56 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900B-150626-01 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.9 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.02 dB |
| Adjusted SAR (1W): | 10.32 mW/g (1g) |

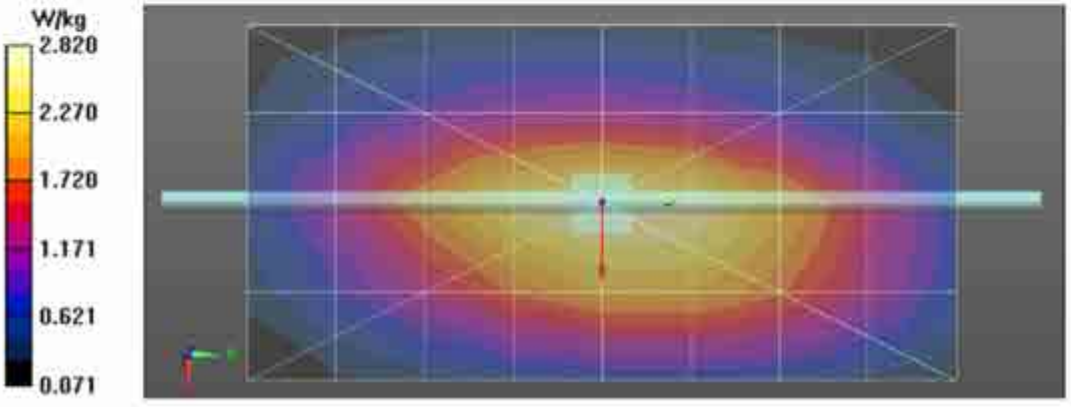
Comments:

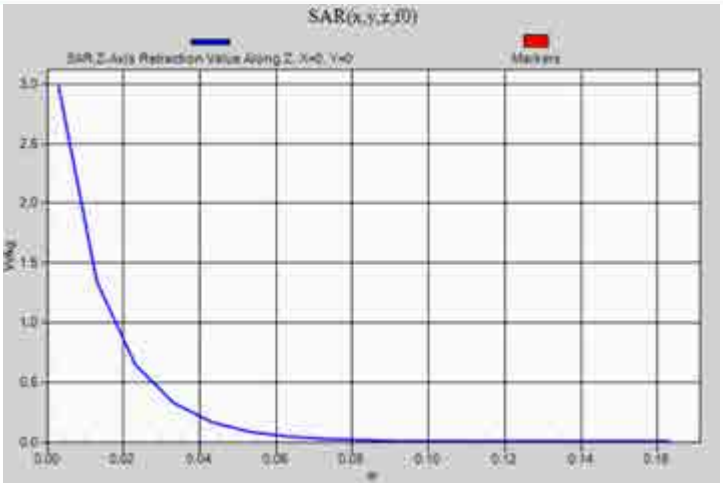
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz, $\sigma$ = 1.02 S/m; $\varepsilon_r$ = 53.6; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.82 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 = 55.93 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.79 W/kg
**SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.66 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.99 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) = 2.97 W/kg



## Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/26/2015 7:23:57 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900H-150626-06 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 21.2 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.02 dB |
| Adjusted SAR (1W): | 9.84 mW/g (1g) |

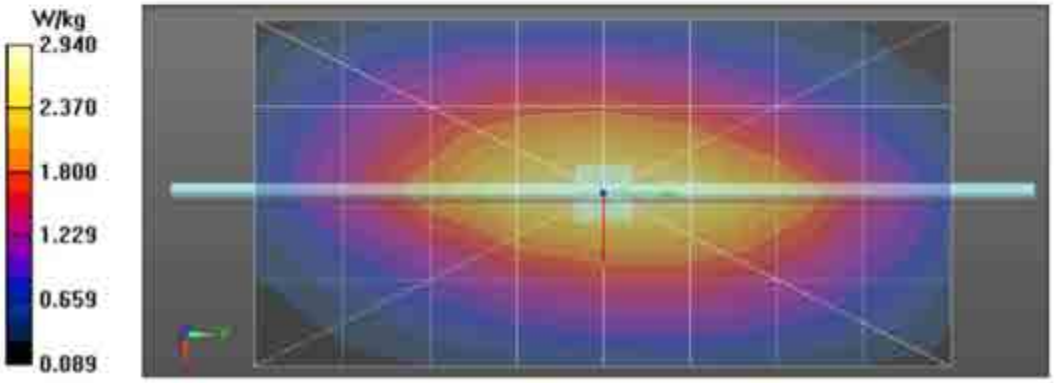
Comments:

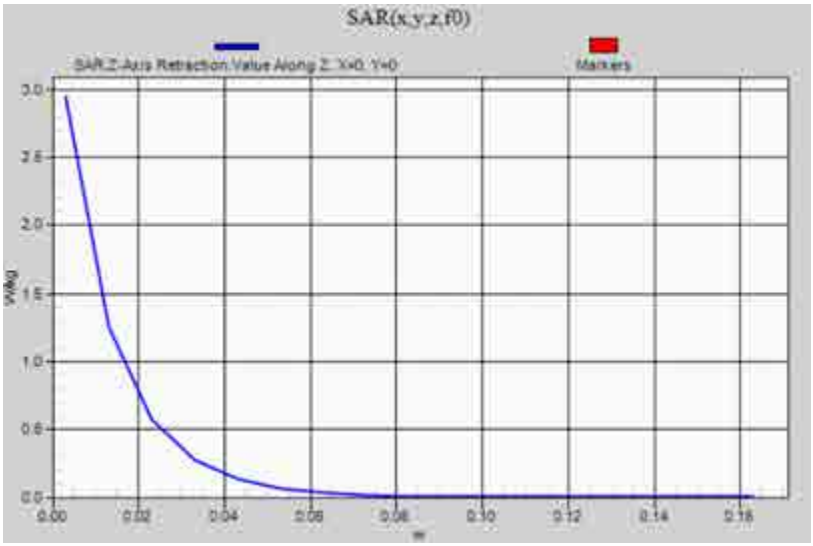
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 40.6; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.94 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 = 56.52 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.80 W/kg
**SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.57 W/kg** (SAR corrected for target medium)

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



**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/30/2015 7:01:55 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Rm#: | ErC-SYSP-900B-150630-05 |
| Dipole Model#: | D900V2 |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.5 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.02 dB |
| Adjusted SAR (1W): | 10.26 mW/g (1g) |

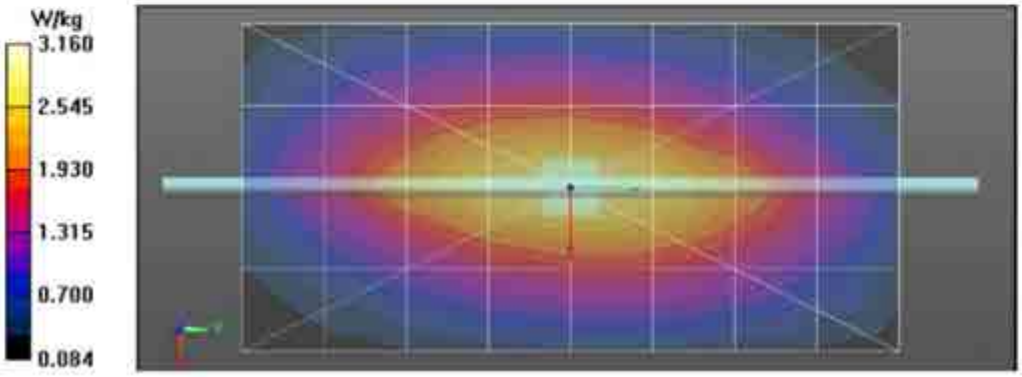
Comments:

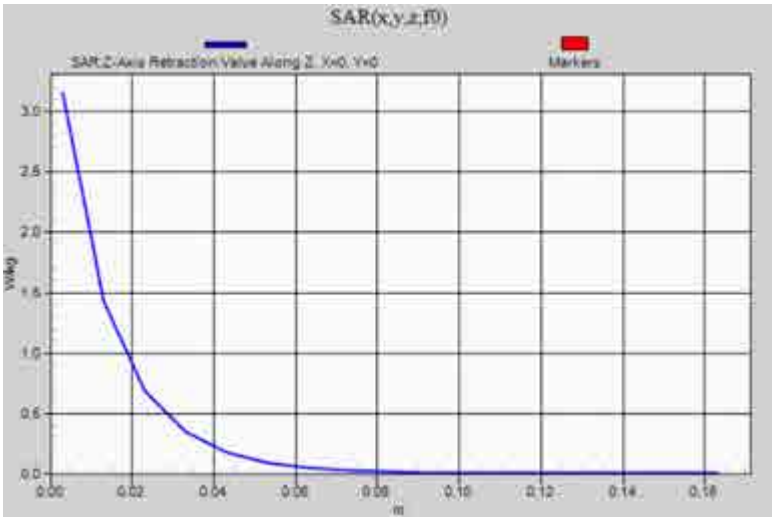
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; $\sigma$ = 1.06 S/m; $\varepsilon_r$ = 52.9; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.16 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 = 56.33 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.00 W/kg
**SAR(1 g) = 2.64 W/kg; SAR(10 g) = 1.71 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.15 W/kg

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



## Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/30/2015 5:01:08 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900H-150630-01 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 21.5 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.024 dB |
| Adjusted SAR (1W): | 9.80 mW/g (1g) |

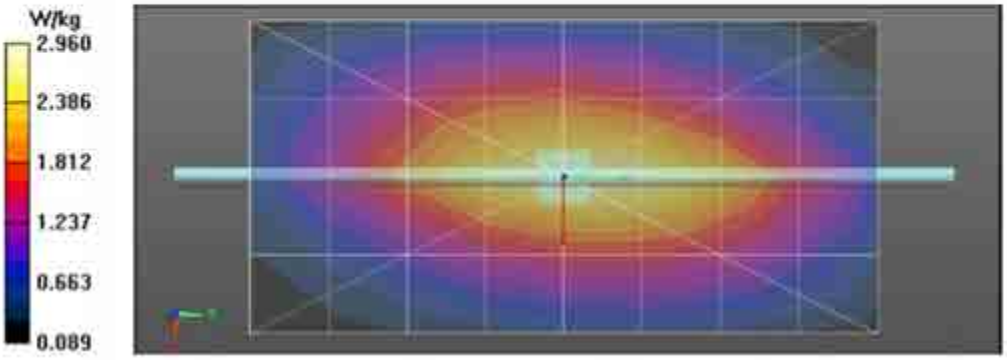
Comments:

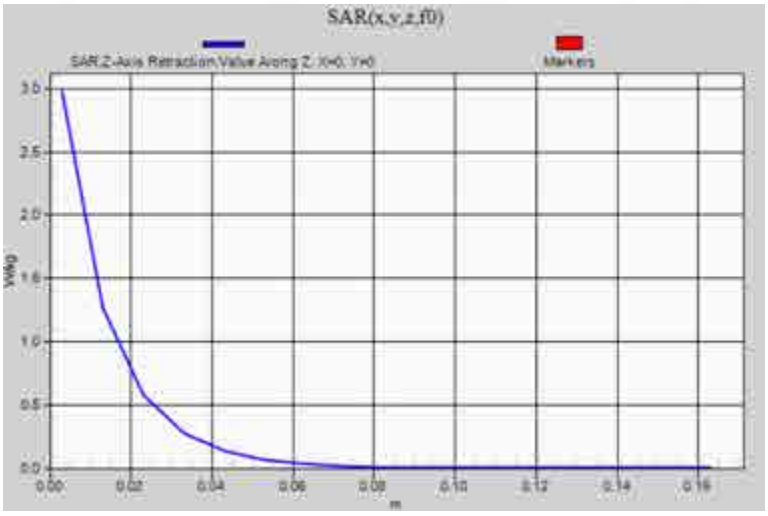
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; $\sigma$ = 1 S/m; $\varepsilon_r$ = 40; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.96 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 = 56.24 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.86 W/kg
**SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.57 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.98 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) = 2.97 W/kg



## Motorola Solutions, Inc. EME Laboratory
**Date/Time: 7/1/2015 5:11:53 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-SYSP-900B-150701-01 |
| Dipole Model# | D900V2 |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.5 (C) |
| Serial#: | 085 |
| Test Freq: | 900 (MHz) |
| Start Power: | 250 (mW) |
| Rotation (1D): | 0.019 dB |
| Adjusted SAR (1W): | 10.48 mW/g (1g) |

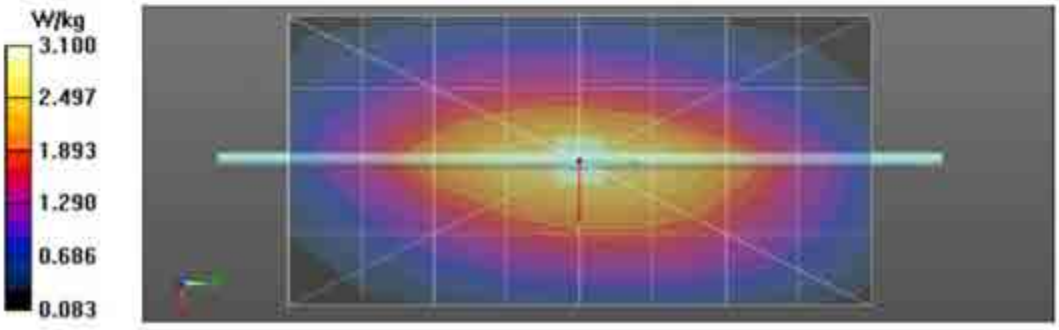
Comments:

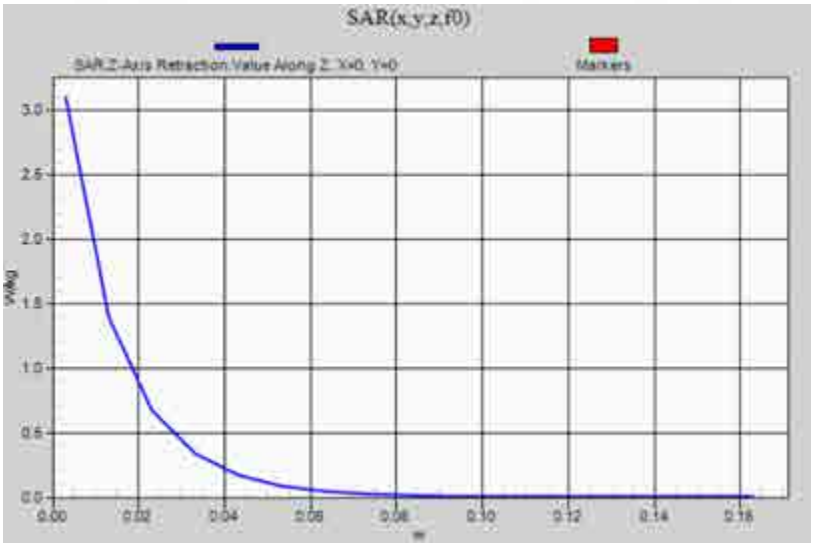
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; $\sigma$ = 1.05 S/m; $\varepsilon_r$ = 52.7; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 900 MHz, ConvF(6. 6. 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363; Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.10 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 = 56.24 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.93 W/kg
**SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.7 W/kg** (SAR corrected for target medium)

**Below 2 GHz-Rev.2/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.11 W/kg



# Appendix E
# DUT Scans

## Assessments at the Body - Table 17

### Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/30/2015 7:52:37 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150630-07 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 20.6 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | NAR6595A |
| Test Freq: | 824 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | PMMN4050A |
| Start Power: | 3.43 (W) |

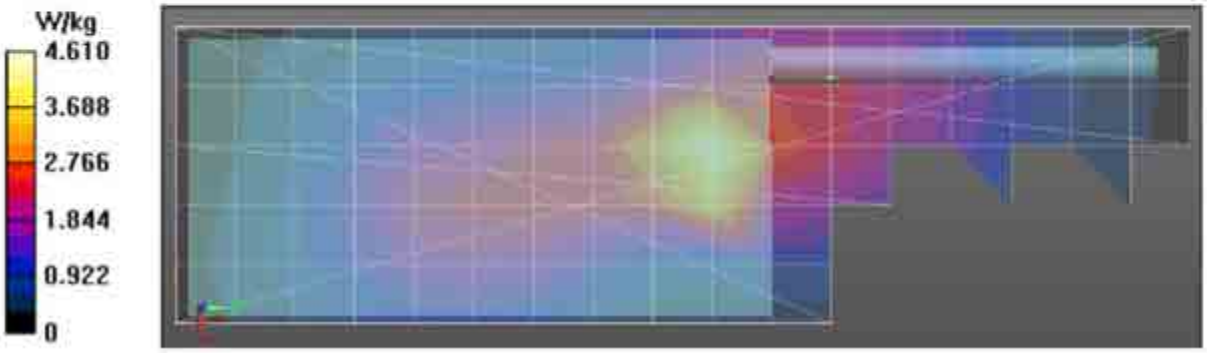
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 53.7; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 824 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.61 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.74 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 10.8 W/kg
**SAR(1 g) = 4.78 W/kg; SAR(10 g) = 2.47 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.39 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) = 6.64 W/kg



## Assessments at the Body - Table 18

### Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/30/2015 8:42:14 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Rm#: | ErC-Ab-150630-09 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 20.5 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | NAR6595A |
| Test Freq: | 824 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN4651A |
| Audio Acc: | PMMN4050A |
| Start Power: | 3.44 (W) |

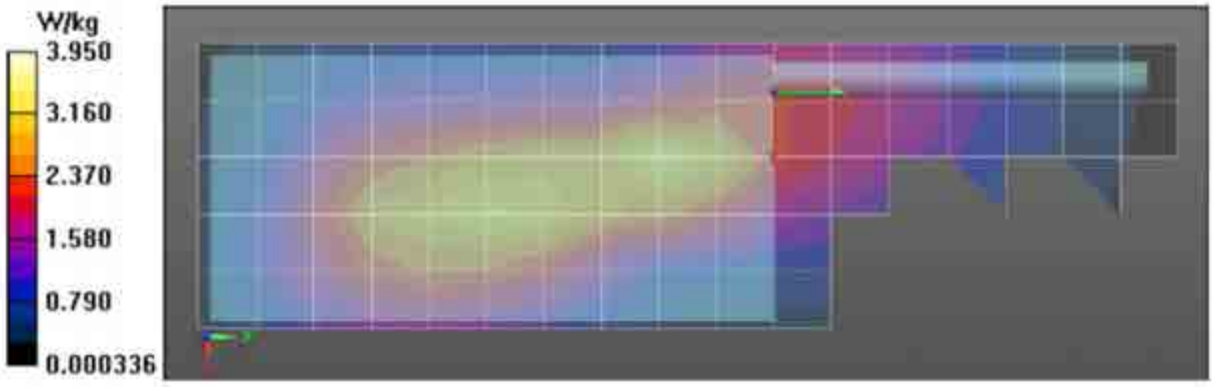
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 53.7; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 824 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.46 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.41 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 5.66 W/kg
**SAR(1 g) = 3.22 W/kg; SAR(10 g) = 1.98 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.96 W/kg

**Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.95 W/kg



## Assessment at the Body – Table 19

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/30/2015 10:11:43 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150630-11 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 20.5 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | NAR6595A |
| Test Freq: | 824 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN7327A |
| Audio Acc: | PMMN4050A |
| Start Power: | 3.44 (W) |

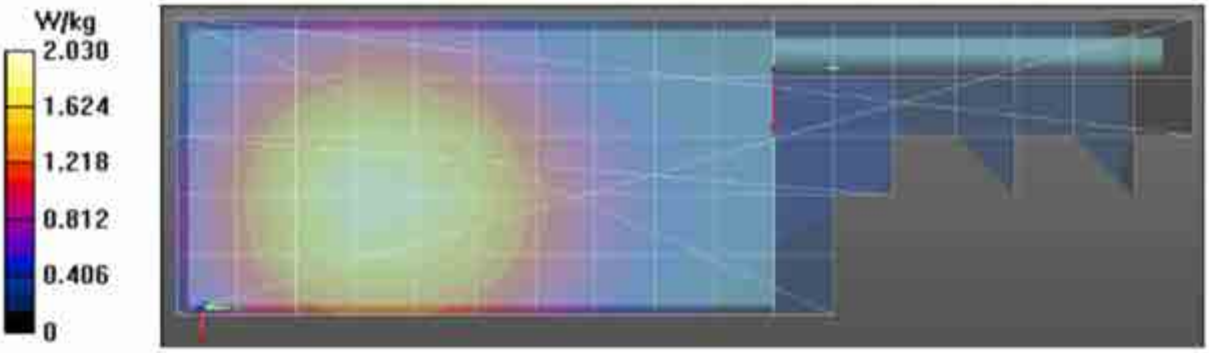
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 53.7; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 824 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.03 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.74 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.35 W/kg
**SAR(1 g) = 1.8 W/kg; SAR(10 g) = 1.34 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.00 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) = 1.96 W/kg



## Assessments at the Body - Table 20

### Motorola Solutions, Inc. EME Laboratory
**Date/Time: 6/30/2015 10:37:34 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150630-12 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 20.5 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | NAR6595A |
| Test Freq: | 824 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | Non/BT |
| Start Power: | 3.43 (W) |

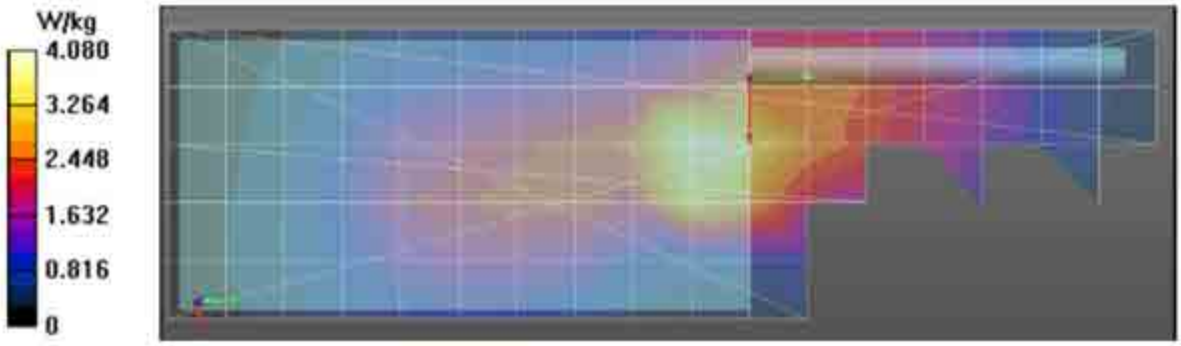
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 53.7; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 824 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.08 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.44 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 10.7 W/kg
**SAR(1 g) = 4.83 W/kg; SAR(10 g) = 2.54 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.56 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) = 7.01 W/kg



## Assessments at the Body - Table 22

### Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/26/2015 11:04:55 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150626-11 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.7 (C) |
| Serial#: | 305TRD0028 |
| Antenna: | NAR6595A |
| Test Freq: | 851 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | PMMN4050A |
| Start Power: | 3.44 (W) |

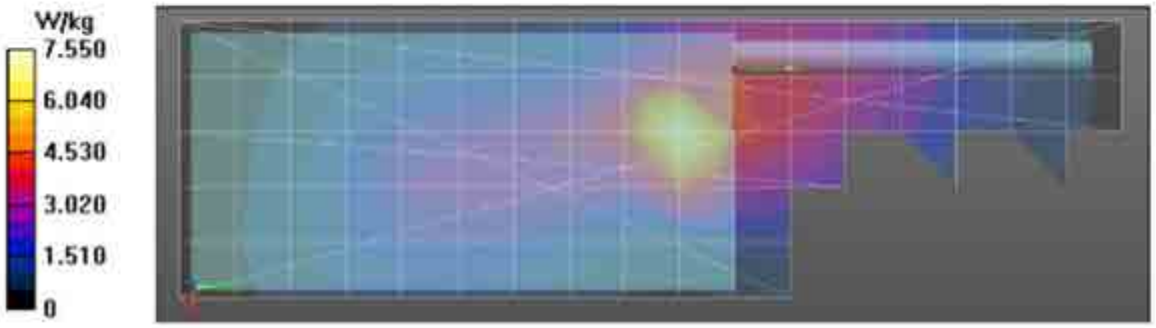
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; $\sigma$ = 0.97 S/m; $\varepsilon_r$ = 54; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 851 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 7.55 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.96 V/m; Power Drift = -0.47 dB
Peak SAR (extrapolated) = 14.4 W/kg
**SAR(1 g) = 6.57 W/kg; SAR(10 g) = 3.5 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.85 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) = 9.27 W/kg



## Assessments at the Body - Table 23

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/25/2015 11:34:55 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 | Run#: ErC-Ab-150625-11 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.6 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | NAR6595A |
| Test Freq: | 851 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN4651A |
| Audio Acc: | PMMN4050A |
| Start Power: | 3.43 (W) |

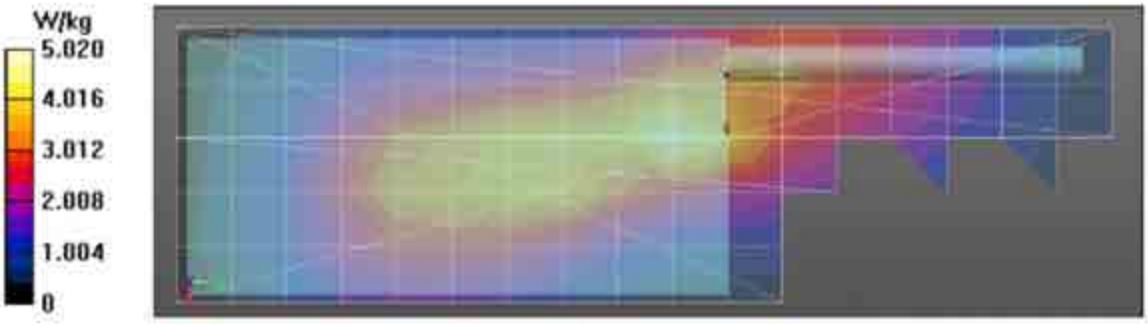
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; $\sigma$ = 0.99 S/m; $\varepsilon_r$ = 54.8; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 851 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.02 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.58 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 6.96 W/kg
**SAR(1 g) = 4.2 W/kg; SAR(10 g) = 2.66 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.07 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) = 5.06 W/kg



## Assessments at the Body - Table 24

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/25/2015 12:08:25 PM**

Robot#: DASY5-FL-2 | Run#: ErC-Ab-150625-12
Model#: PMUF1705A
Phantom#: OVAL1016
Tissue Temp: 21.6 (C)
Serial#: 305TRD0134
Antenna: NAR6595A
Test Freq: 851 (MHz)
Battery: NNTN8750A
Carry Acc: PMLN7327A
Audio Acc: PMMN4050A
Start Power: 3.45 (W)

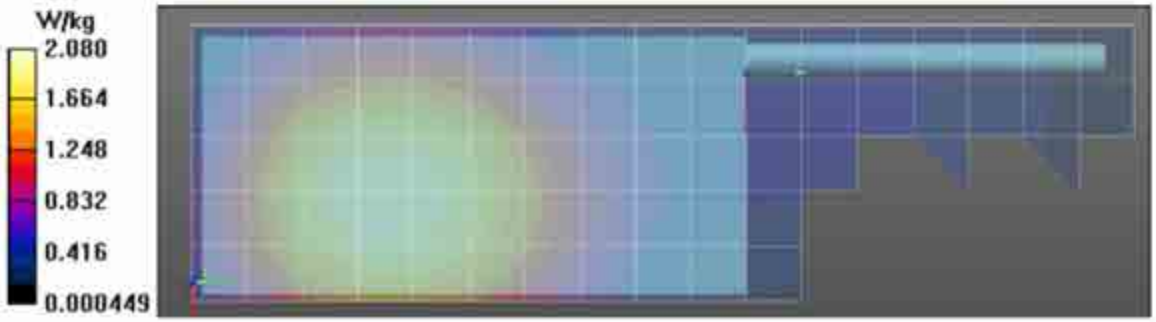
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; $\sigma$ = 0.99 S/m; $\varepsilon_r$ = 54.8; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 851 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.15 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.78 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 2.47 W/kg
**SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.41 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.11 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) = 2.08 W/kg



## Assessments at the Body - Table 25

### Motorola Solutions, Inc. EME Laboratory
**Date/Time: 6/5/2015 6:23:29 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150605-03 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1090 |
| Tissue Temp: | 21.0 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | NAR6595A |
| Test Freq: | 851 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | Non/BT |
| Start Power: | 3.40 (W) |

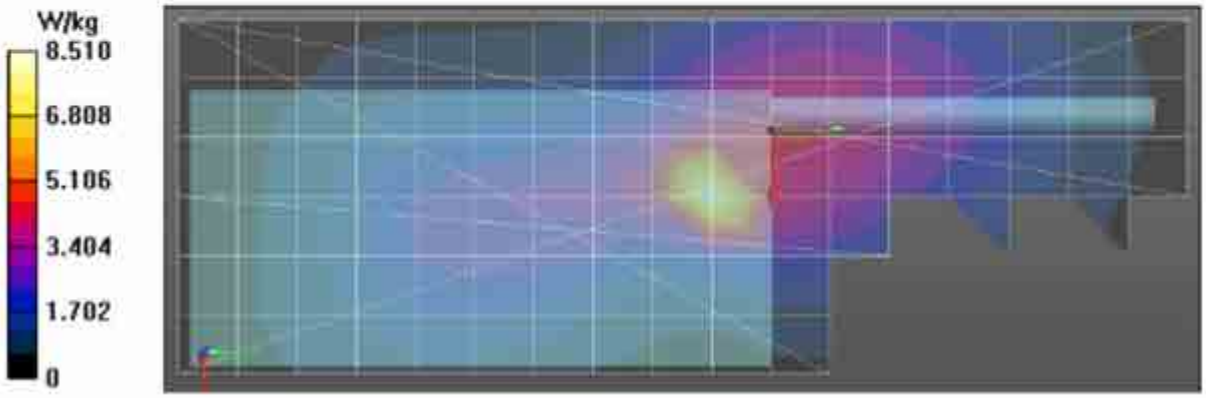
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; $\sigma$ = 1 S/m; $\varepsilon_r$ = 54.3; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 851 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (7x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.51 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.16 V/m; Power Drift = -0.51 dB
Peak SAR (extrapolated) = 11.8 W/kg
**SAR(1 g) = 5.74 W/kg; SAR(10 g) = 3.21 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.59 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) = 7.58 W/kg



## Assessments at the Body - Table 27

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/30/2015 11:04:18 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150630-13 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 20.5 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 899 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | PMMN4050A |
| Start Power: | 2.91 (W) |

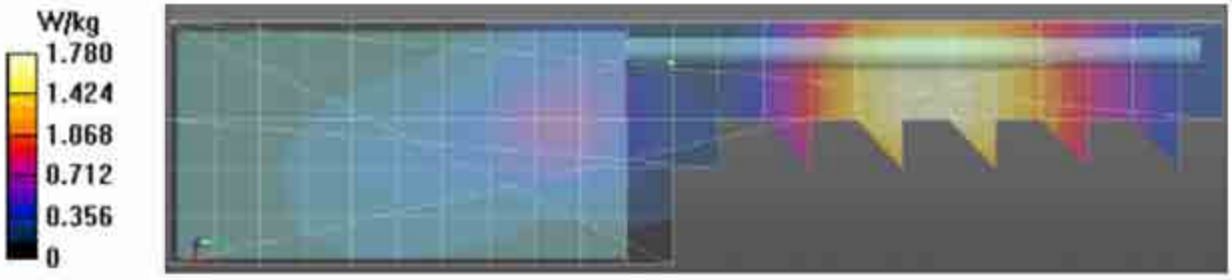
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 899 MHz; $\sigma$ = 1.06 S/m; $\varepsilon_r$ = 52.9; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 899 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.78 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.26 V/m; Power Drift = -0.54 dB
Peak SAR (extrapolated) = 2.10 W/kg
**SAR(1 g) = 1.58 W/kg; SAR(10 g) = 1.15 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.77 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) = 1.76 W/kg



## Assessments at the Body - Table 28

### Motorola Solutions, Inc. EME Laboratory
**Date/Time: 6/30/2015 11:29:09 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150630-14 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 20.4 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 899 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN4651A |
| Audio Acc: | PMMN4050A |
| Start Power: | 2.87 (W) |

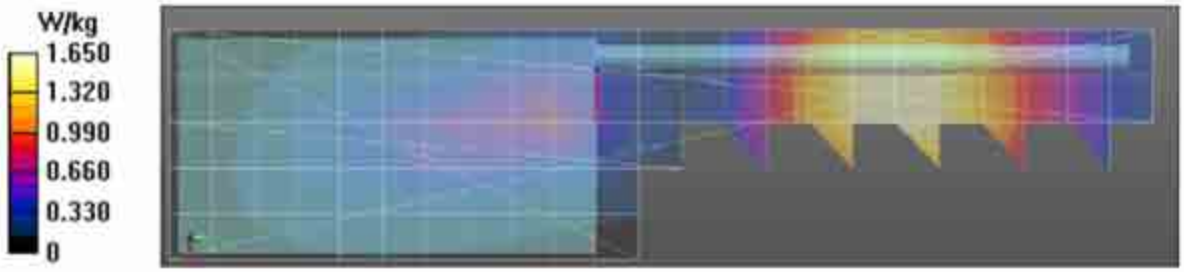
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 899 MHz; $\sigma$ = 1.06 S/m; $\varepsilon_r$ = 52.9; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 899 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.65 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.38 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 1.94 W/kg
**SAR(1 g) = 1.47 W/kg; SAR(10 g) = 1.07 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.64 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) = 1.62 W/kg



## Assessments at the Body - Table 29

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/30/2015 12:36:07 PM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150630-15 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 20.4 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 899 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN7327A |
| Audio Acc: | PMMN4050A |
| Start Power: | 2.89 (W) |

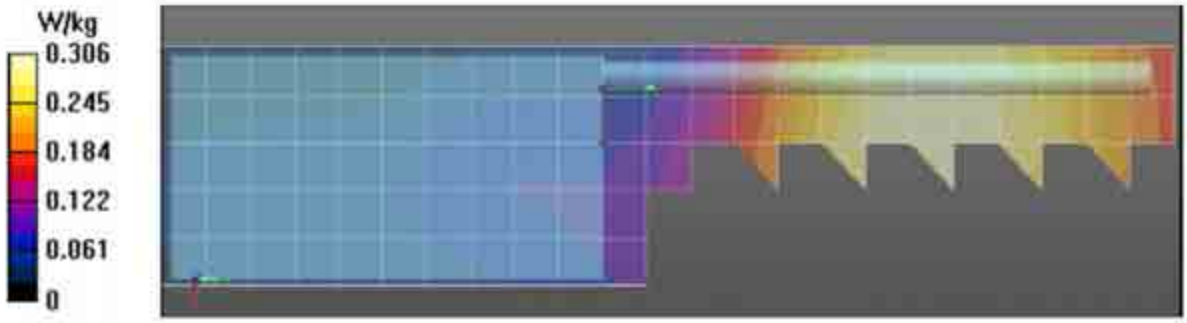
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 899 MHz; $\sigma$ = 1.06 S/m; $\varepsilon_r$ = 52.9; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 899 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.306 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.23 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 0.351 W/kg
**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.201 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.298 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) = 0.289 W/kg



## Assessments at the Body - Table 30

### Motorola Solutions, Inc. EME Laboratory
**Date/Time: 7/1/2015 5:45:25 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150701-02 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.3 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 899 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | Non/BT |
| Start Power: | 2.89 (W) |

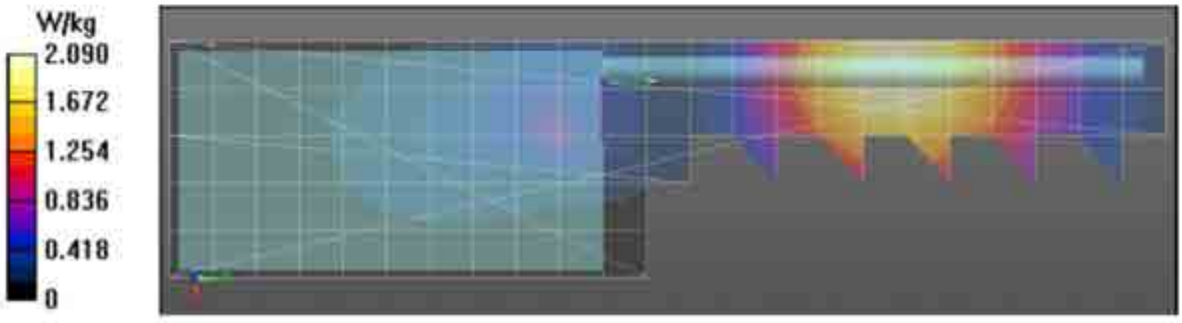
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 899 MHz; $\sigma$ = 1.05 S/m; $\varepsilon_r$ = 52.7; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 899 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.09 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.67 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 2.44 W/kg
**SAR(1 g) = 1.83 W/kg; SAR(10 g) = 1.33 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.06 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) = 2.03 W/kg



## Assessments at the Body - Table 32

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/26/2015 5:40:21 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150626-02 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.9 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 938 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | PMMN4050A |
| Start Power: | 2.94 (W) |

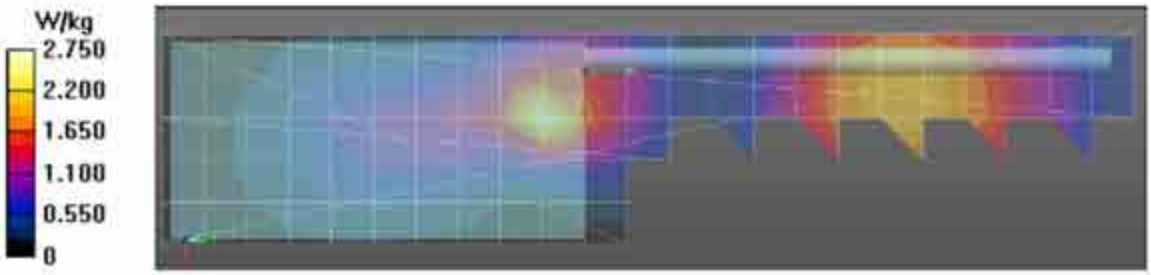
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; $\sigma$ = 1.05 S/m; $\varepsilon_r$ = 53.3; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 938 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.75 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.14 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 5.08 W/kg
**SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.3 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.01 W/kg

**Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.28 W/kg



## Assessments at the Body - Table 33

### Motorola Solutions, Inc. EME Laboratory
**Date/Time: 6/26/2015 6:12:03 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150626-03 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.8 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 938 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN4651A |
| Audio Acc: | PMMN4050A |
| Start Power: | 2.95 (W) |

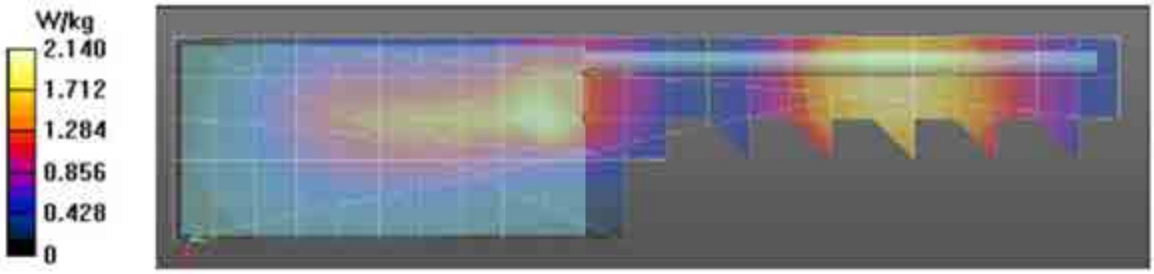
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; $\sigma$ = 1.05 S/m; $\varepsilon_r$ = 53.3; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 938 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.14 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.44 V/m; Power Drift = -0.50 dB
Peak SAR (extrapolated) = 2.87 W/kg
**SAR(1 g) = 1.67 W/kg; SAR(10 g) = 1.02 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.00 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) = 2.03 W/kg



## Assessments at the Body - Table 34

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/26/2015 6:43:29 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150626-04 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.7 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 938 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN7327A |
| Audio Acc: | PMMN4050A |
| Start Power: | 2.94 (W) |

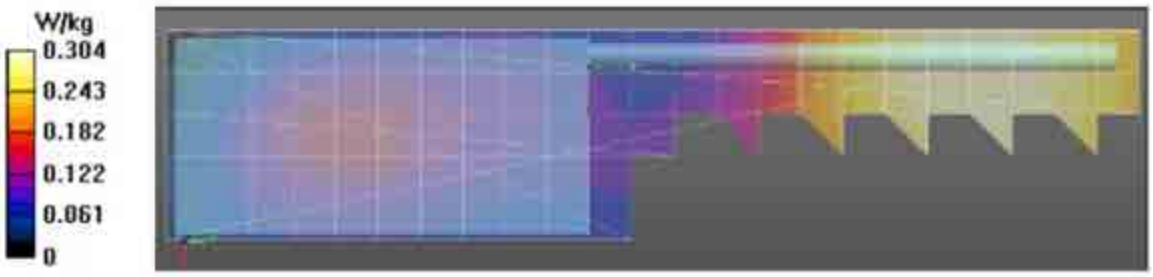
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; $\sigma$ = 1.05 S/m; $\varepsilon_r$ = 53.3; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 938 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.304 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.77 V/m, Power Drift = -0.40 dB
Peak SAR (extrapolated) = 0.349 W/kg
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.196 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.293 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) = 0.287 W/kg



## Assessments at the Body - Table 35

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/26/2015 8:45:02 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Ab-150626-08 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1016 |
| Tissue Temp: | 21.6 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 938 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | PMLN6086A |
| Audio Acc: | Non/BT |
| Start Power: | 2.94 (W) |

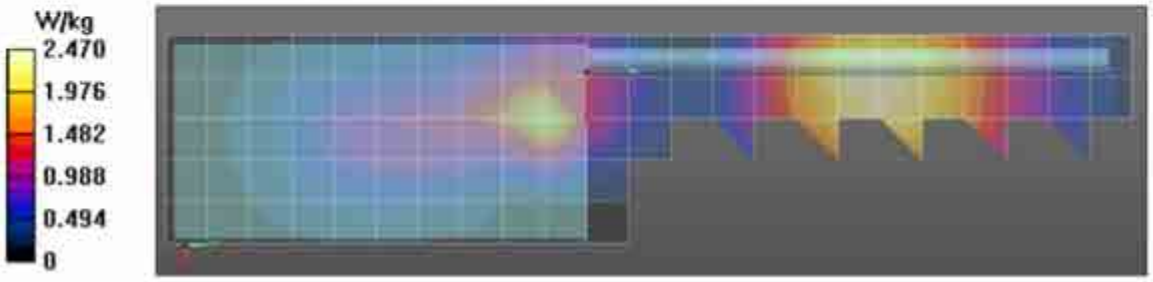
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; $\sigma$ = 1.05 S/m; $\varepsilon_r$ = 53.3; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 938 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.47 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.73 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 2.92 W/kg
**SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.56 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.45 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) = 2.42 W/kg



## Assessments at the Face - Table 37

### Motorola Solutions, Inc. EME Laboratory
**Date/Time: 6/30/2015 5:57:09 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Face-150630-03 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 21.4 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | NAR6595A |
| Test Freq: | 824 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | front |
| Audio Acc: | N/A |
| Start Power: | 3.43 (W) |

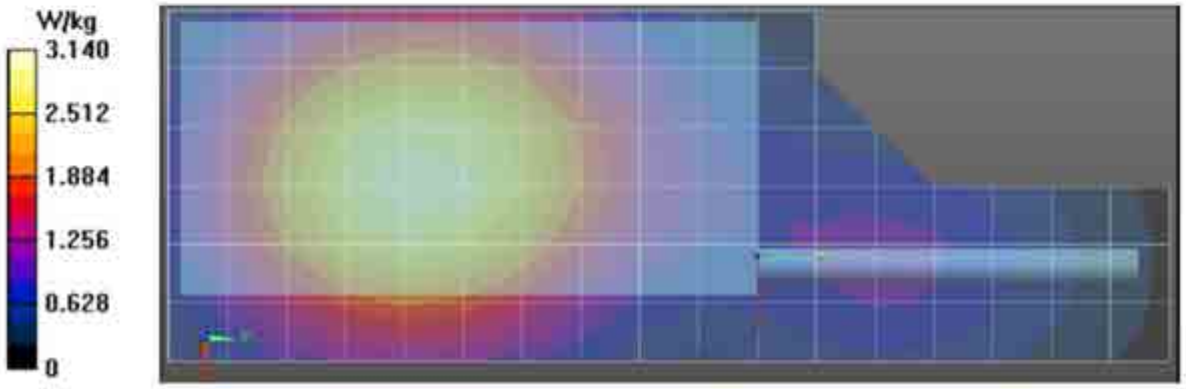
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; $\sigma$ = 0.93 S/m; $\varepsilon_r$ = 40.9; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 824 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Face Scan/1-Area Scan (7x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.14 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 = 54.96 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.61 W/kg
**SAR(1 g) = 2.76 W/kg; SAR(10 g) = 2.03 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.08 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) = 3.06 W/kg



## Assessments at the Face - Table 39

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 3/18/2015 8:49:03 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Face-150318-06 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 20.3 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 851 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | front |
| Audio Acc: | N/A |
| Start Power: | 3.57 (W) |

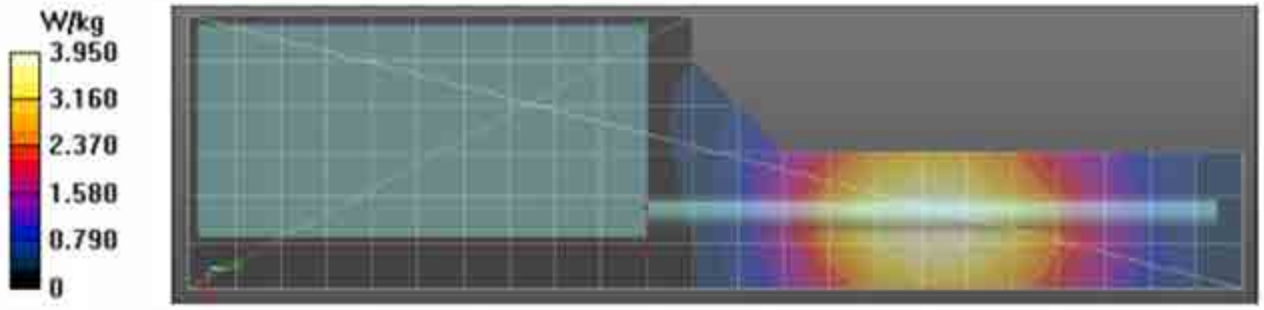
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; $\sigma$ = 0.93 S/m; $\varepsilon_r$ = 41; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 851 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Face Scan/1-Area Scan (7x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.95 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 = 68.65 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 4.54 W/kg
**SAR(1 g) = 3.38 W/kg; SAR(10 g) = 2.44 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.80 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) = 3.75 W/kg



## Assessments at the Face - Table 41

### Motorola Solutions, Inc. EME Laboratory
**Date/Time: 6/30/2015 6:24:44 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 | Run#: ErC-Face-150630-04 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 21.4 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 899 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | front |
| Audio Acc: | N/A |
| Start Power: | 2.85 (W) |

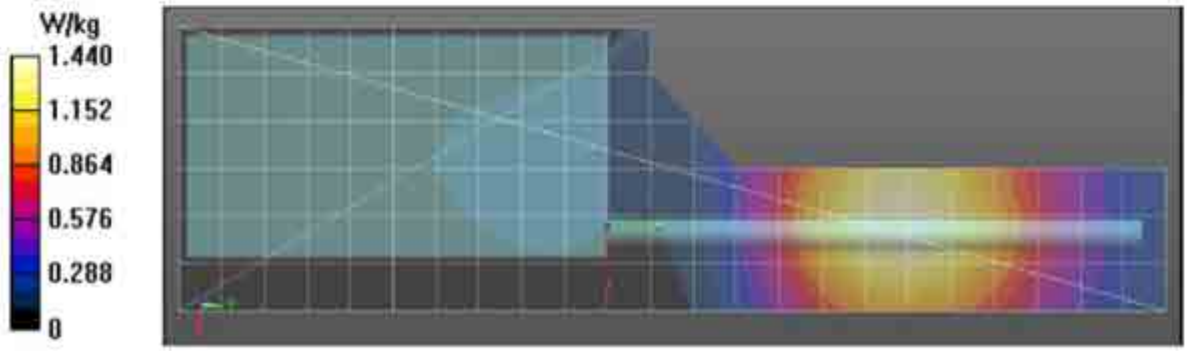
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 899 MHz; $\sigma$ = 1 S/m; $\varepsilon_r$ = 40; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 899 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Face Scan/1-Area Scan (7x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.44 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 = 40.09 V/m; Power Drift = -0.76 dB
Peak SAR (extrapolated) = 1.64 W/kg
**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.867 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.36 W/kg

**Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.34 W/kg



## Assessments at the Face - Table 43

### Motorola Solutions, Inc. EME Laboratory

**Date/Time: 6/26/2015 7:53:20 AM**

| | |
|---|---|
| Robot#: DASY5-FL-2 \| Run#: | ErC-Face-150626-07 |
| Model#: | PMUF1705A |
| Phantom#: | OVAL1011 |
| Tissue Temp: | 21.1 (C) |
| Serial#: | 305TRD0134 |
| Antenna: | PMAF4020A |
| Test Freq: | 938 (MHz) |
| Battery: | NNTN8750A |
| Carry Acc: | front |
| Audio Acc: | N/A |
| Start Power: | 2.95 (W) |

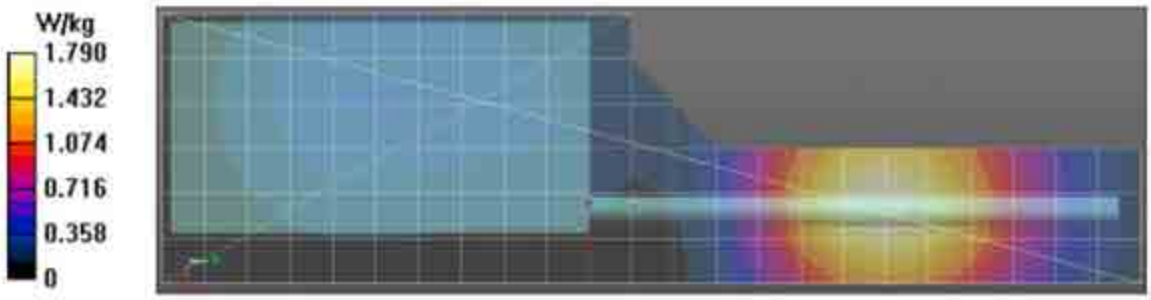
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; $\sigma$ = 1.02 S/m; $\varepsilon_r$ = 40.3; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 938 MHz, ConvF(6.23, 6.23, 6.23); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Face Scan/1-Area Scan (7x24x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.79 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 = 43.07 V/m; Power Drift = -0.56 dB
Peak SAR (extrapolated) = 2.08 W/kg
**SAR(1 g) = 1.51 W/kg; SAR(10 g) = 1.07 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.71 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) = 1.70 W/kg



# APPENDIX F
# Shortened Scan of Highest SAR configuration

## Shortened Scan
## Table 44

**Motorola Solutions, Inc. EME Laboratory**
**Date/Time: 6/26/2015 11:31:00 AM**

Robot#: DASY5-FL-2 | Run#: ErC-Ab-150626-12
Model#: PMUF1705A
Phantom#: OVAL1016
Tissue Temp: 21.7 (C)
Serial#: 305TRD0028
Antenna: NAR6595A
Test Freq: 851 (MHz)
Battery: NNTN8750A
Carry Acc: PMLN6086A
Audio Acc: PMMN4050A
Start Power: 3.45 (W)

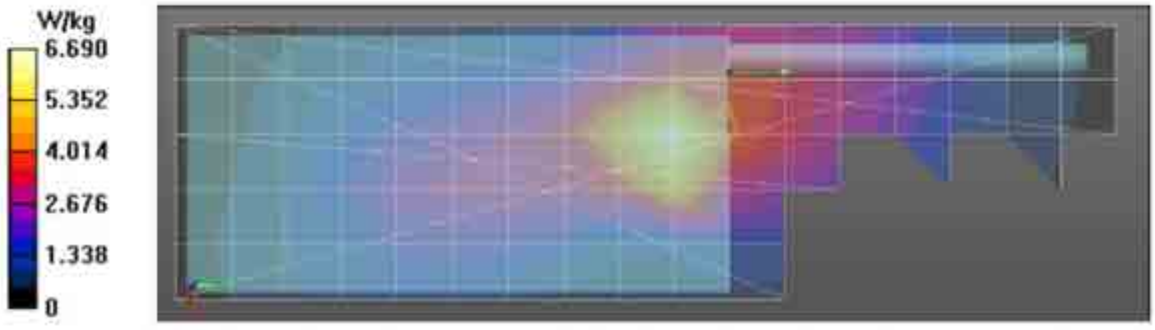
Comments: Short Scan

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; $\sigma$ = 0.97 S/m; $\varepsilon_r$ = 54; $\rho$ = 1000 kg/m$^3$
Probe: ES3DV3 - SN3301, , Frequency: 851 MHz, ConvF(6, 6, 6); Calibrated: 9/24/2014
Electronics: DAE3 Sn363, Calibrated: 1/15/2015

**Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (6x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.69 W/kg

**Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.49 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 16.0 W/kg
**SAR(1 g) = 7.14 W/kg; SAR(10 g) = 3.74 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.3 W/kg

**Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.95 W/kg




**Shortened scan reflects highest SAR producing configuration and is compared to the full scan.**

| Scan Description | Referenced Table | Test Time (min.) | SAR 1g (W/kg) | SAR 10g (W/kg) |
|---|---|---|---|---|
| Shorten scan (zoom) | 18 | 7 | 4.02 | 2.11 |
| Full scan (area & zoom) | 20 | 23 | 3.83 | 2.04 |

# 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**