

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.01

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 3 of 3

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

Date of Report: 01/22/2015
Report Revision: D

Responsible Engineer: Stephen C. Whalen (Principal Staff Engineer/Manager)
Report Author: Stephen C. Whalen (Principal Staff Engineer/Manager)
Date/s Tested: 02/19/14-03/16/14 & 04/24/2014-04/28/2014
Manufacturer/Location: Motorola Solutions Inc., Schaumburg
Sector/Group/Div.: AESS
Date submitted for test: 01/31/2014
DUT Description: Handheld Portable – Frequency bands; LMR 136-174MHz, 764-776MHz, 794-824MHz & 851-869MHz; LTE 777-787MHz (band 13) & 788-798MHz (band 14); Bluetooth 2.402-2.480GHz
Test TX mode(s): CW (PTT) & LTE
Max. Power output: 6.6W (VHF band), 2.99W (700MHz band), 3.6W (800MHz band), 320mW (LTE) & 12mW (Bluetooth)
Nominal Power: 6.0W (VHF band), 2.65W (700MHz band), 3.0W (800MHz band), 200mW (LTE) & 12mW (Bluetooth)
Tx Frequency Bands: LMR 136-174MHz, 764-776MHz, 794-824MHz & 851-869MHz; LTE 777-787MHz (band 13) & 788-798MHz (band 14); Bluetooth 2.402-2.480GHz
Signaling type: FM, TDMA, LTE, FHSS (Bluetooth)
Model(s) Tested: H97TGD9PW1AN (NUR1066A)
Model(s) Certified: H97TGD9PW1AN (NUR1065A, NUR1066A)
Serial Number(s): 655CPX0696 & 655CPX0694
Classification: Occupational/Controlled
FCC ID: AZ489FT7059; Rule Part 90 (150.8-173.4MHz, 764-775MHz, 788-798MHz (LTE), 794-824MHz & 851-869MHz); Rule Part 27 (777-787MHz); Rule Part 15 (2402-2480MHz)
 This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC: 109U-89FT7059; This report contains results that are immaterial for IC equipment approval, which are identified as LTE band 14 (788-798MHz).

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
EMS EME Lab Senior Resource Manager,
Laboratory Director
Approval Date: 01/22/2015

Deanna Zakharia

Digitally signed by Deanna Zakharia
 DN: cn=Deanna Zakharia, o=Motorola Solutions, ou=Regulatory Compliance Lab, email=edc01@motorolasolutions.com, c=US
 Date: 2015.01.22 13:31:17 -0500

Certification Date: 6/27/2014

Certification No.: L1140630P & L1140631P

Appendix E

DUT Scans

Assessments at the Body - Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/19/2014 12:33:23 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140219-05
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1090
 Tissue Temp: 21.0 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 173.4000 (MHz)
 Battery: PMNN4403B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 6.48 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 173 \text{ MHz}$; $\sigma = 0.81 \text{ S/m}$; $\epsilon_r = 60.9$; $\rho = 1000 \text{ kg/m}^3$
 Probe: ES3DV3 - SN3301, , Frequency: 173.4 MHz, ConvF(7.85, 7.85, 7.85); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x241x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 38.895 V/m; Power Drift = -0.32 dB

Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.869 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.1/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 = 38.895 V/m; Power Drift = -0.50 dB

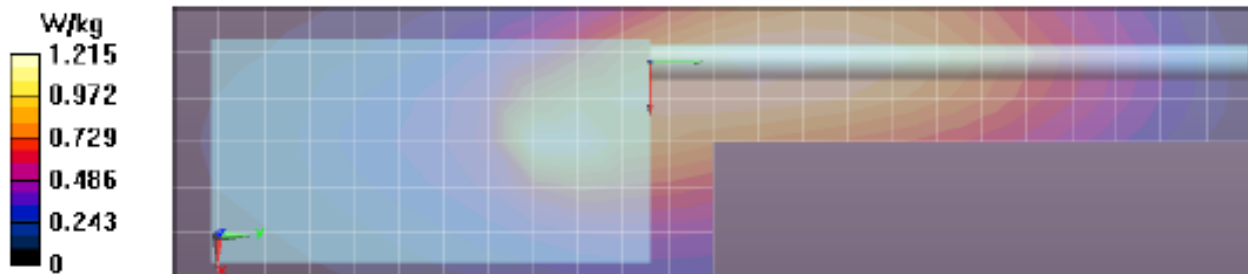
Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.760 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.1/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) = 1.20 W/kg



Assessments at the Body - Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/20/2014 10:56:13 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140220-04
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1090
 Tissue Temp: 21.0 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 173.4000 (MHz)
 Battery: NNTN7037A
 Carry Acc: HLN6875A
 Audio Acc: PMMN4050A
 Start Power: 6.51 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 173$ MHz; $\sigma = 0.8$ S/m; $\epsilon_r = 60.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 173.4 MHz, ConvF(7.85, 7.85, 7.85); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 33.740 V/m; Power Drift = -0.45 dB

Fast SAR: SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.51 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.28 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 33.740 V/m; Power Drift = -0.66 dB

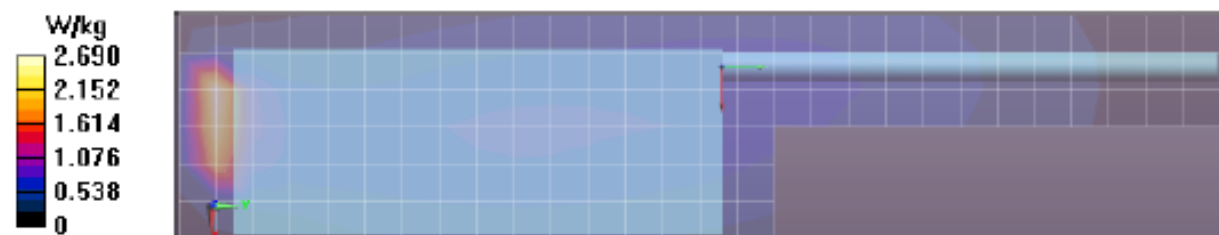
Peak SAR (extrapolated) = 9.76 W/kg

SAR(1 g) = 2.73 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.08 W/kg

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

Maximum value of SAR (measured) = 3.15 W/kg



Assessment at the Body – Table 20

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/20/2014 12:29:19 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140220-06
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1090
 Tissue Temp: 21.0 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 173.4000 (MHz)
 Battery: NNTN7037A
 Carry Acc: HLN6875A
 Audio Acc: None/BT
 Start Power: 6.52 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 173$ MHz; $\sigma = 0.8$ S/m; $\epsilon_r = 60.7$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 173.4 MHz, ConvF(7.85, 7.85, 7.85); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 49.809 V/m; Power Drift = -0.55 dB

Fast SAR: SAR(1 g) = 3.84 W/kg; SAR(10 g) = 2.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.71 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 49.809 V/m; Power Drift = -0.67 dB

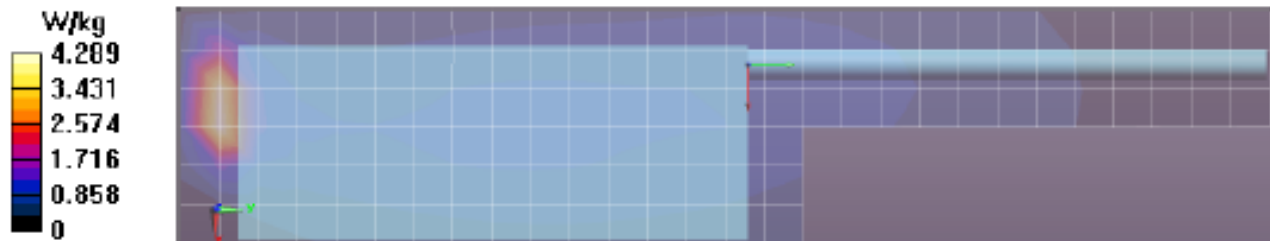
Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.52 W/kg

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

Maximum value of SAR (measured) = 4.48 W/kg



Assessments at the Body - Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/21/2014 2:13:18 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140221-04
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 20.9 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 764.0125 (MHz)
 Battery: PMNN4403B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 2.93 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 764$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 764.013 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 82.393 V/m; Power Drift = -0.12 dB

Fast SAR: SAR(1 g) = 7.56 W/kg; SAR(10 g) = 4.64 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.68 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 82.393 V/m; Power Drift = -0.25 dB

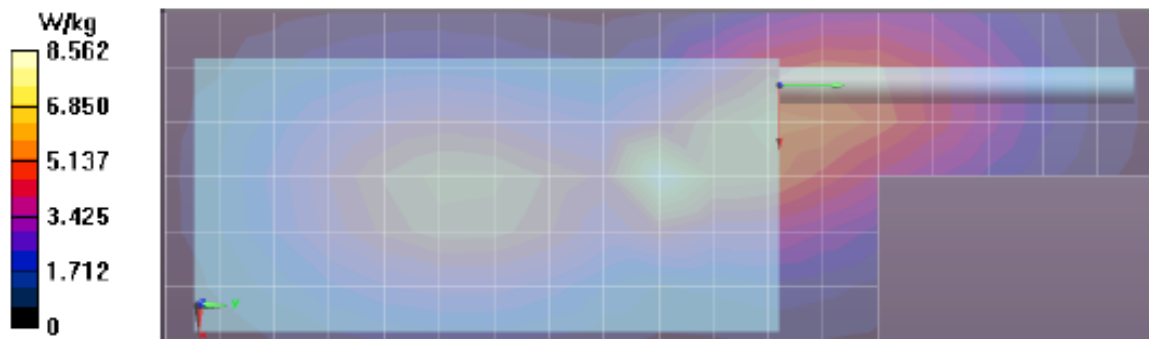
Peak SAR (extrapolated) = 14.3 W/kg

SAR(1 g) = 7.62 W/kg; SAR(10 g) = 4.43 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.23 W/kg

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

Maximum value of SAR (measured) = 7.96 W/kg



Assessments at the Body - Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/22/2014 8:06:38 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140222-07
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 22.0 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 764.0125 (MHz)
 Battery: PMMN4403B
 Carry Acc: HLN6875A
 Audio Acc: PMMN4050A
 Start Power: 2.93 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 764$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 764.013 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 51.316 V/m; Power Drift = -0.84 dB

Fast SAR: SAR(1 g) = 5.56 W/kg; SAR(10 g) = 3.89 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.88 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 51.316 V/m; Power Drift = -0.95 dB

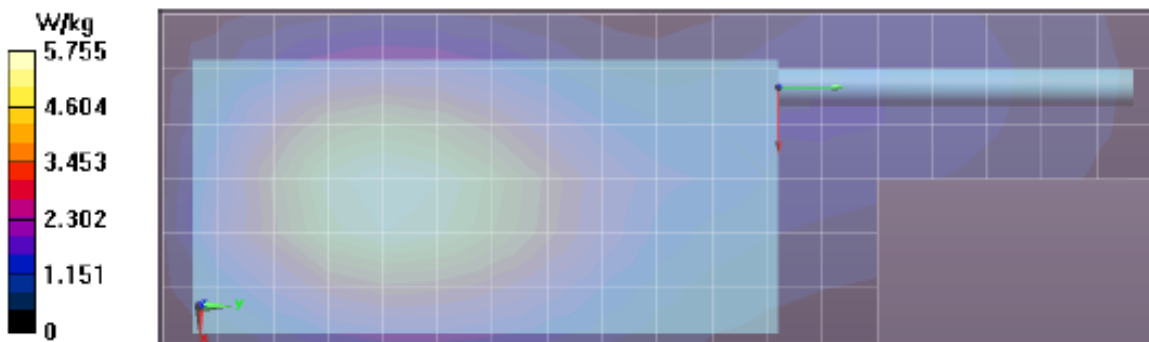
Peak SAR (extrapolated) = 6.68 W/kg

SAR(1 g) = 5.33 W/kg; SAR(10 g) = 3.96 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.62 W/kg

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

Maximum value of SAR (measured) = 5.52 W/kg



Assessments at the Body - Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/22/2014 11:42:34 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140222-13
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 22.3 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 764.0125 (MHz)
 Battery: PMNN4403B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4040A
 Start Power: 2.93 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 764 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Probe: ES3DV3 - SN3301, , Frequency: 764.013 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 85.185 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 7.85 W/kg; SAR(10 g) = 4.78 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 9.18 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 85.185 V/m; Power Drift = -0.30 dB

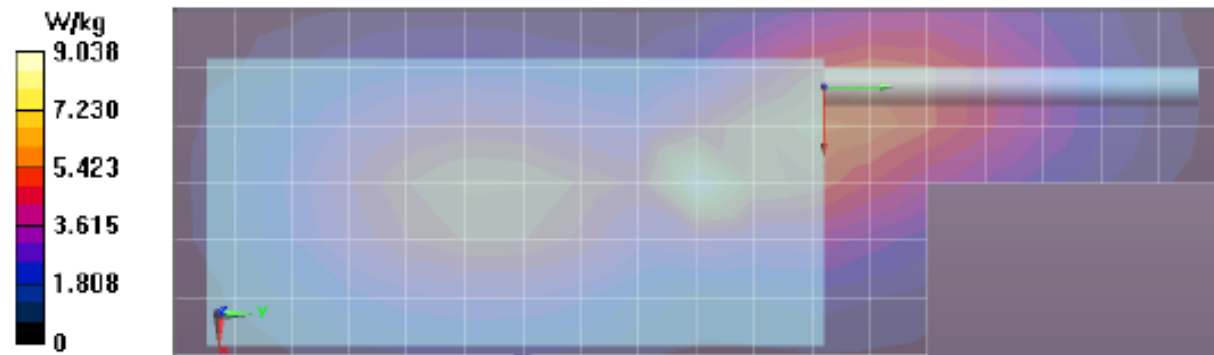
Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 7.97 W/kg; SAR(10 g) = 4.61 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.65 W/kg

Below 2 GHz-Rev.1/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) = 8.48 W/kg



Assessments at the Body - Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/13/2014 3:19:40 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140313-08
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 20.9 (C)
 Serial#: 655CPX0696
 Antenna: NAR6595A
 Test Freq: 764.0125 (MHz)
 Battery: PMNN4403B
 Carry Acc: NTN8266B
 Audio Acc: None/BT
 Start Power: 2.90 (W)

Comments: Shortened scan.

Duty Cycle: 1:1, Medium parameters used: $f = 764$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 764.013 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 85.618 V/m; Power Drift = -0.29 dB

Fast SAR: SAR(1 g) = 7.93 W/kg; SAR(10 g) = 4.83 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 9.10 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 104.0 V/m; Power Drift = -0.62 dB

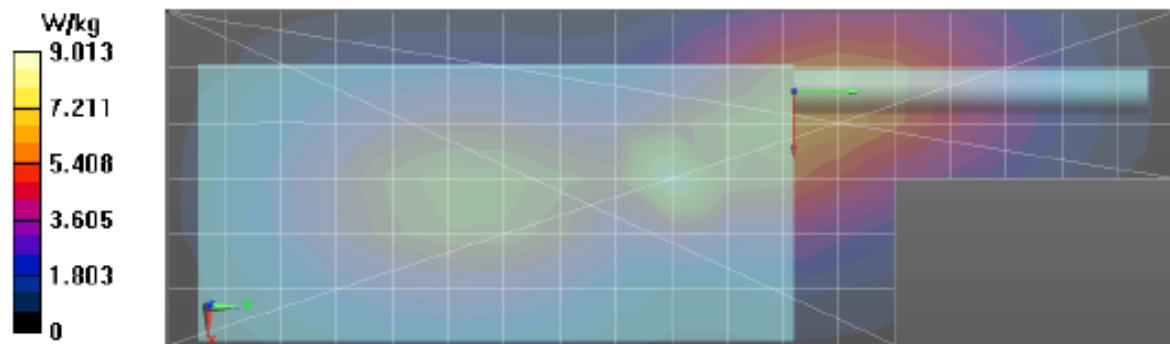
Peak SAR (extrapolated) = 16.1 W/kg

SAR(1 g) = 8.6 W/kg; SAR(10 g) = 4.93 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.04 W/kg

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

Maximum value of SAR (measured) = 8.97 W/kg



Assessments at the Body - Table 27

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/6/2014 12:52:49 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140306-06
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.9 (C)
 Serial#: 655CPX0694
 Antenna: PMAF4002A
 Test Freq: 764.0125 (MHz)
 Battery: NNTN7034B
 Carry Acc: 4205823V08 REV. L
 Audio Acc: PMMN4061B
 Start Power: 2.88 (W)

Comments: NAR6595A on radio, PSM power = 2.52 (W)

Duty Cycle: 1:1, Medium parameters used: $f = 764$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, Frequency: 764.013 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 61.089 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 5.5 W/kg; SAR(10 g) = 3.74 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.89 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 61.089 V/m; Power Drift = -0.11 dB

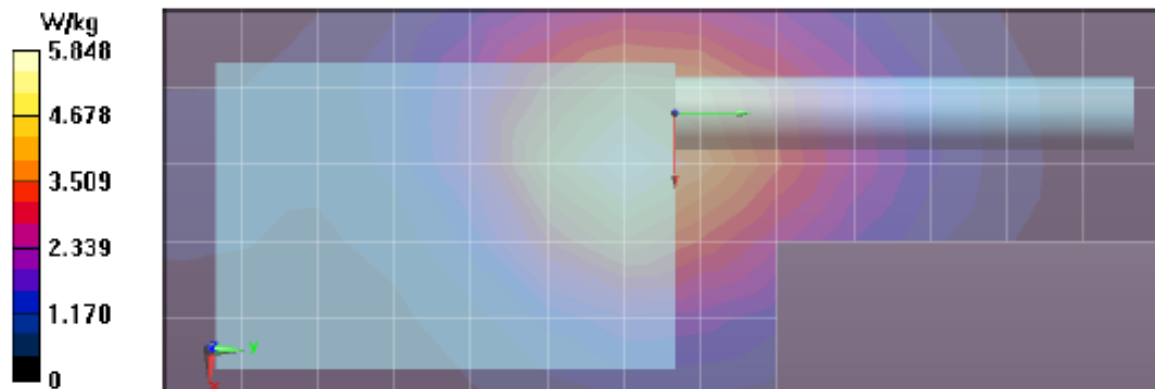
Peak SAR (extrapolated) = 8.53 W/kg

SAR(1 g) = 5.66 W/kg; SAR(10 g) = 3.81 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.15 W/kg

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

Maximum value of SAR (measured) = 6.19 W/kg



Assessments at the Body - Table 29

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/24/2014 9:10:02 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140224-02
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 22.0 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 808.5000 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 3.57 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 808.5 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 75.413 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 7.49 W/kg; SAR(10 g) = 4.62 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.64 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 75.413 V/m; Power Drift = -0.49 dB

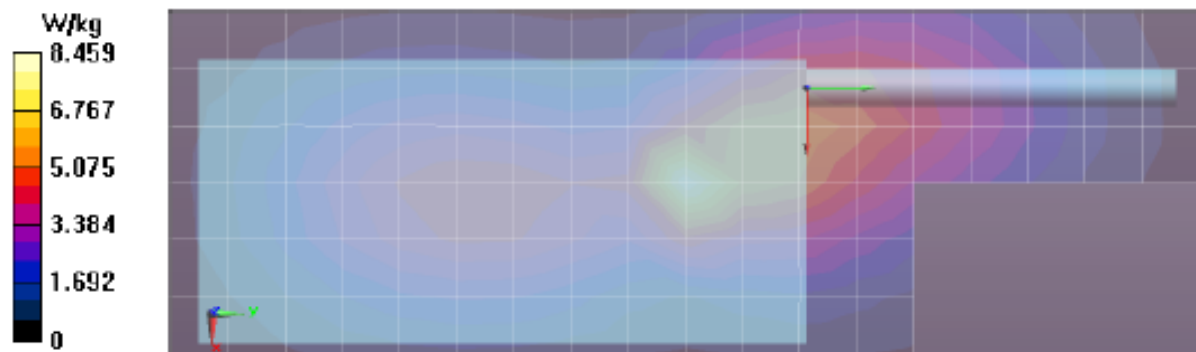
Peak SAR (extrapolated) = 13.6 W/kg

SAR(1 g) = 7.36 W/kg; SAR(10 g) = 4.33 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 7.89 W/kg

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

Maximum value of SAR (measured) = 7.79 W/kg



Assessments at the Body - Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/24/2014 1:12:51 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140224-09
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.8 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 808.5000 (MHz)
 Battery: NNTN7038B
 Carry Acc: HLN6875A
 Audio Acc: PMMN4050A
 Start Power: 3.58 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 808.5 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 43.987 V/m; Power Drift = -0.22 dB

Fast SAR: SAR(1 g) = 5.89 W/kg; SAR(10 g) = 4.09 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.24 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 43.987 V/m; Power Drift = -0.35 dB

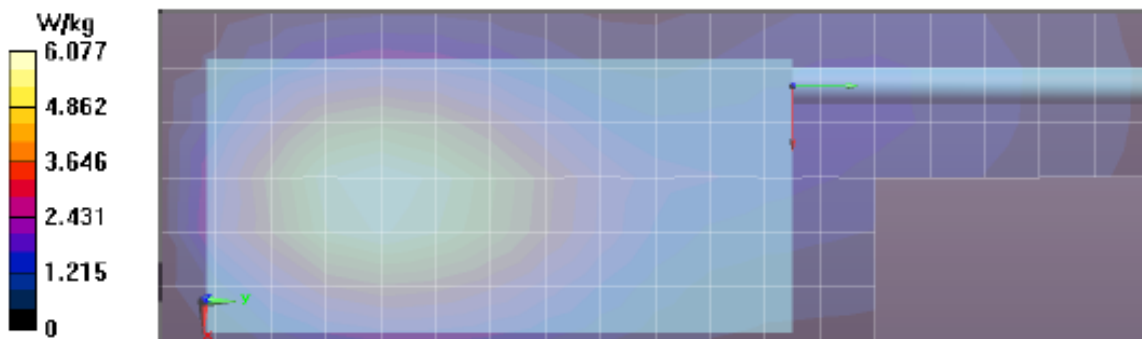
Peak SAR (extrapolated) = 7.18 W/kg

SAR(1 g) = 5.65 W/kg; SAR(10 g) = 4.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.98 W/kg

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

Maximum value of SAR (measured) = 5.85 W/kg



Assessments at the Body - Table 31

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/25/2014 2:42:39 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140225-11
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 22.2 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 808.5000 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: BDN6783A / BDN6729A
 Start Power: 3.59 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 808.5 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 77.148 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 8.08 W/kg; SAR(10 g) = 4.95 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 9.40 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 77.148 V/m; Power Drift = -0.48 dB

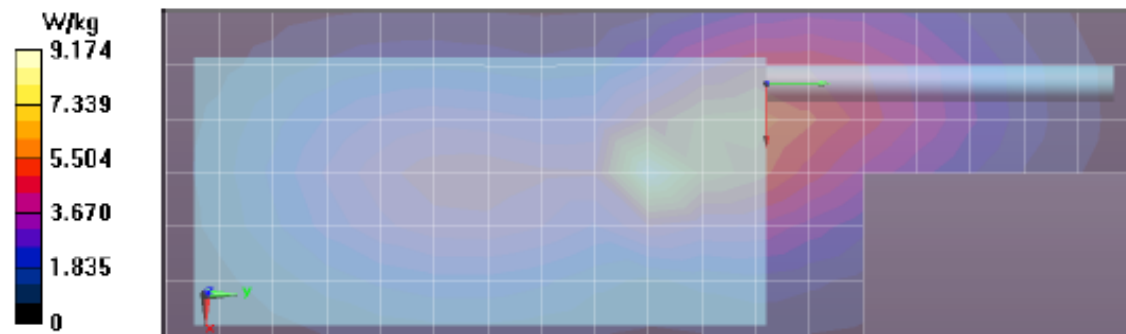
Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 4.68 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.59 W/kg

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

Maximum value of SAR (measured) = 8.34 W/kg



Assessments at the Body - Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/25/2014 4:14:07 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140225-14
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 22.3 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 808.5000 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: None
 Start Power: 3.59 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.98 \text{ S/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$
 Probe: ES3DV3 - SN3301, , Frequency: 808.5 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 77.672 V/m; Power Drift = -0.28 dB

Fast SAR: SAR(1 g) = 7.5 W/kg; SAR(10 g) = 4.5 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.88 W/kg

Below 2 GHz-Rev.1/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 = 77.672 V/m; Power Drift = -0.41 dB

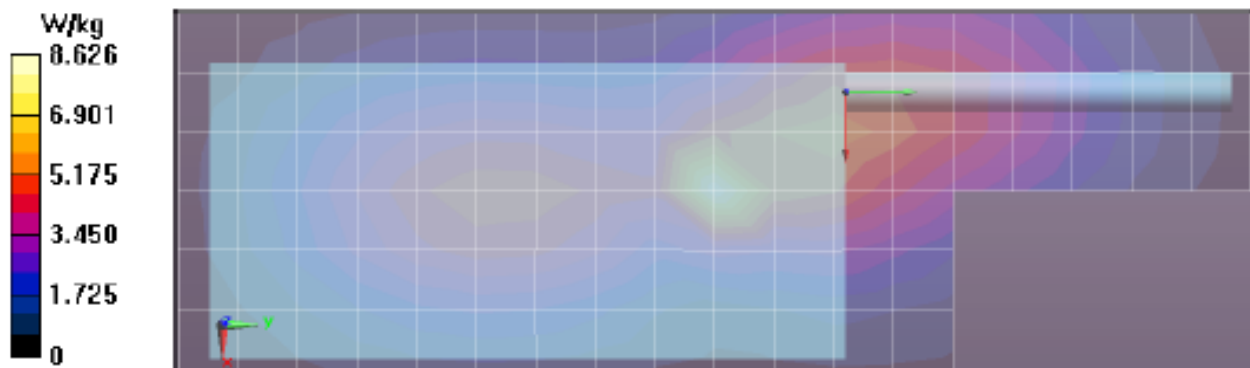
Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 4.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.20 W/kg

Below 2 GHz-Rev.1/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) = 7.84 W/kg



Assessments at the Body - Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/6/2014 1:28:51 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140306-07
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.9 (C)
 Serial#: 655CPX0694
 Antenna: PMAF4002A
 Test Freq: 808.5000 (MHz)
 Battery: NNTN7034B
 Carry Acc: 4205823V08 REV. L
 Audio Acc: PMMN4059B
 Start Power: 3.51 (W)

Comments: NAR6595A on radio, PSM power = 3.45 (W)

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 808.5 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 54.304 V/m; Power Drift = -0.41 dB

Fast SAR: SAR(1 g) = 3.82 W/kg; SAR(10 g) = 2.56 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.11 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 54.304 V/m; Power Drift = -0.66 dB

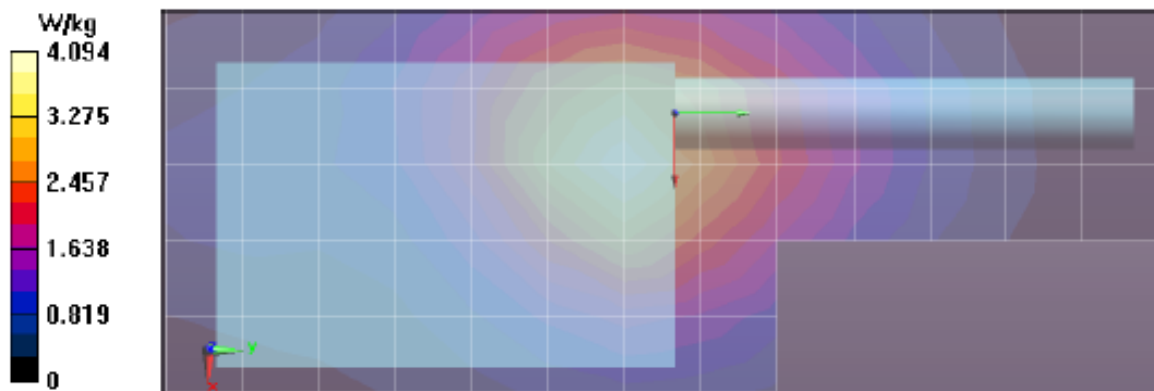
Peak SAR (extrapolated) = 5.91 W/kg

SAR(1 g) = 3.84 W/kg; SAR(10 g) = 2.51 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.13 W/kg

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

Maximum value of SAR (measured) = 4.11 W/kg



Assessments at the Body - Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/26/2014 3:38:37 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140226-07
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.5 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 851.0125 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: PMNN4050A
 Start Power: 3.58 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 1.03 \text{ S/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Probe: ES3DV3 - SN3301, , Frequency: 851.013 MHz, ConvF(5.89, 5.89, 5.89); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x251x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 50.543 V/m; Power Drift = -0.37 dB

Fast SAR: SAR(1 g) = 5.26 W/kg; SAR(10 g) = 3.38 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.09 W/kg

Below 2 GHz-Rev.1/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 = 50.543 V/m; Power Drift = -0.43 dB

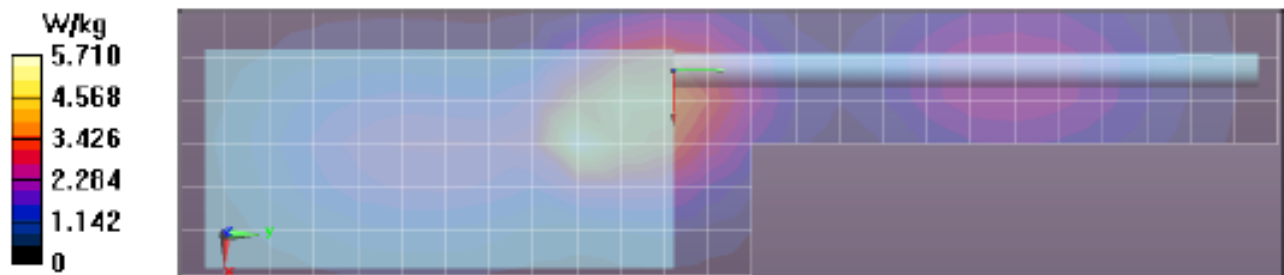
Peak SAR (extrapolated) = 9.69 W/kg

SAR(1 g) = 5.42 W/kg; SAR(10 g) = 3.42 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.88 W/kg

Below 2 GHz-Rev.1/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) = 5.69 W/kg



Assessments at the Body - Table 37

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/27/2014 11:59:50 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140227-06
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.8 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 851.0125 (MHz)
 Battery: PMNN4403B
 Carry Acc: HLN6875A
 Audio Acc: PMNN4050A
 Start Power: 3.57 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 851$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 851.013 MHz, ConvF(5.89, 5.89, 5.89); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 35.555 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 4.38 W/kg; SAR(10 g) = 3.04 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.65 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 35.555 V/m; Power Drift = -0.28 dB

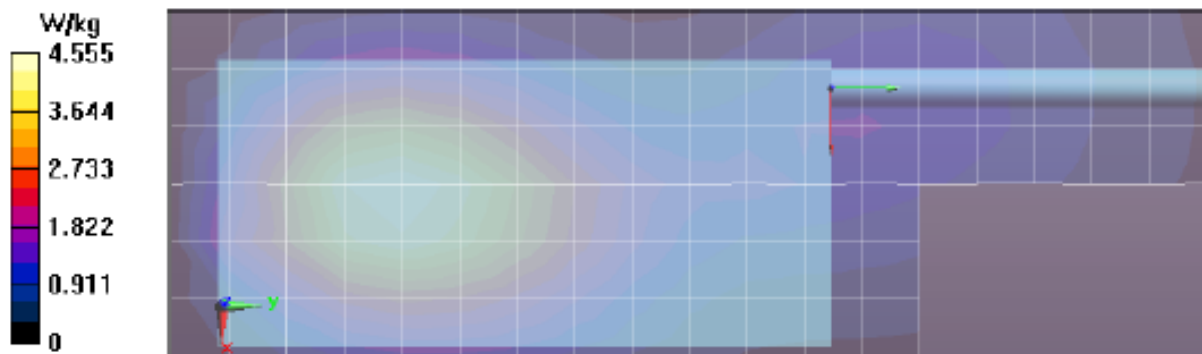
Peak SAR (extrapolated) = 5.47 W/kg

SAR(1 g) = 4.22 W/kg; SAR(10 g) = 3.05 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.46 W/kg

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

Maximum value of SAR (measured) = 4.43 W/kg



Assessments at the Body - Table 38

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/27/2014 2:44:42 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140227-11
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.4 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 851.0125 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: None/BT
 Start Power: 3.58 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 851$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 851.013 MHz, ConvF(5.89, 5.89, 5.89); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 54.343 V/m; Power Drift = -0.43 dB

Fast SAR: SAR(1 g) = 5.05 W/kg; SAR(10 g) = 3.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.81 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 54.343 V/m; Power Drift = -0.48 dB

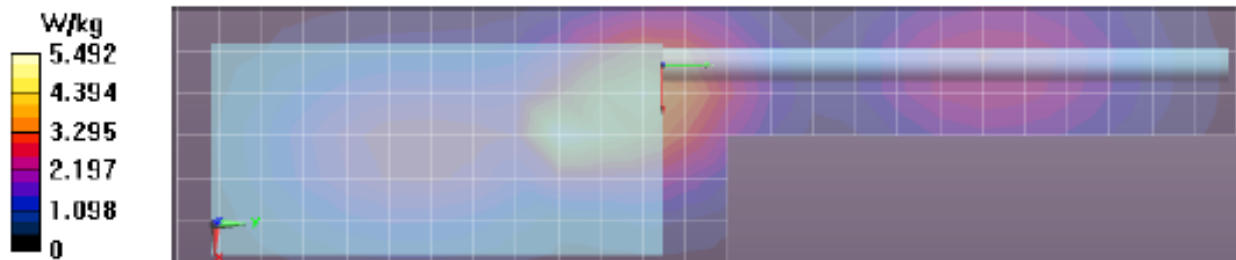
Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 5.45 W/kg; SAR(10 g) = 3.33 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.83 W/kg

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

Maximum value of SAR (measured) = 5.85 W/kg



Assessments at the Body - Table 40

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/7/2014 10:19:20 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140307-02
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.6 (C)
 Serial#: 655CPX0694
 Antenna: PMAF4002A
 Test Freq: 851.0125 (MHz)
 Battery: NNTN7034B
 Carry Acc: 4205823V08 REV. L
 Audio Acc: PMMN4059B
 Start Power: 3.56 (W)

Comments: NAR6595A on radio, PSM power = 3.43 (W)

Duty Cycle: 1:1, Medium parameters used: $f = 851$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 851.013 MHz, ConvF(5.89, 5.89, 5.89); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 54.164 V/m; Power Drift = -0.39 dB

Fast SAR: SAR(1 g) = 3.82 W/kg; SAR(10 g) = 2.59 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.08 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 54.164 V/m; Power Drift = -0.65 dB

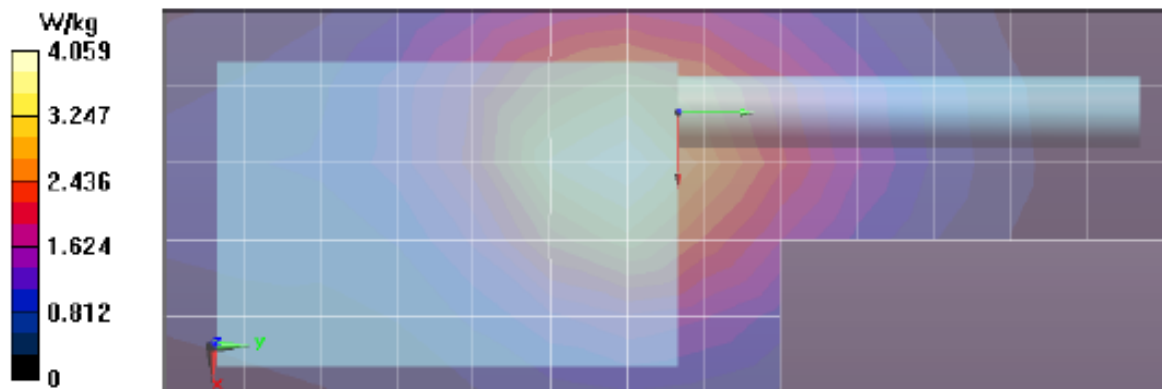
Peak SAR (extrapolated) = 6.04 W/kg

SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.52 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.03 W/kg

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

Maximum value of SAR (measured) = 4.18 W/kg



Assessments at the Body - Table 42

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/15/2014 7:48:58 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140315-05
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.9 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 0.217 (W)

Comments: Band 13 - Channel = 23230 'Mid' 782 MHz. 10MHz BW; QPSK 1RB Centered.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ S/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 9.725 V/m; Power Drift = 0.37 dB

Fast SAR: SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.069 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.114 W/kg

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (6x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.105 W/kg

Below 2 GHz-Rev.1/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 = 9.725 V/m; Power Drift = -0.00 dB

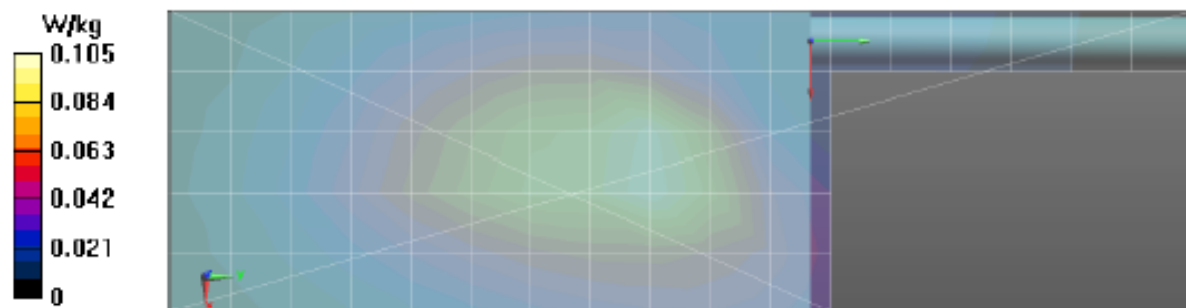
Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.069 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.120 W/kg

Below 2 GHz-Rev.1/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) = 0.116 W/kg



Assessments at the Body - Table 43

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/15/2014 9:52:47 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140315-09
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.5 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: PMMN4403B
 Carry Acc: HLN6875A
 Audio Acc: PMMN4050A
 Start Power: 0.217 (W)

Comments: Band 13 - Channel = 23230 'Mid' 782 MHz. 10MHz BW; QPSK 1RB Centered.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ S/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 8.255 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.043 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0662 W/kg

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (6x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0644 W/kg

Below 2 GHz-Rev.1/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 = 8.255 V/m; Power Drift = -0.51 dB

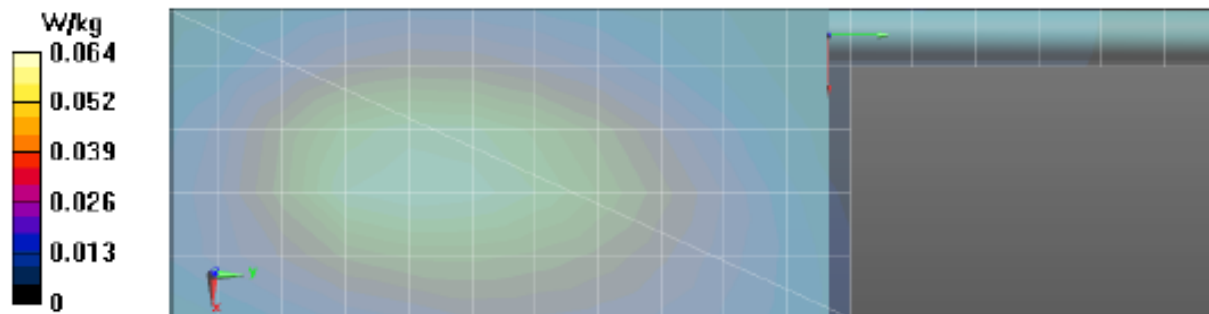
Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.043 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0634 W/kg

Below 2 GHz-Rev.1/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) = 0.0629 W/kg



Assessments at the Body - Table 45

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/24/2014 10:48:13 AM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140424-02
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.3 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 0.197 (W)

Comments: Band 13 - Channel = 23230 Mid' 782 MHz. 10MHz BW; QPSK 50% RB Centered.

Duty Cycle: 1:3.75837, Medium parameters used: $f = 782$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.525 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.103 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.525 V/m; Power Drift = 0.33 dB

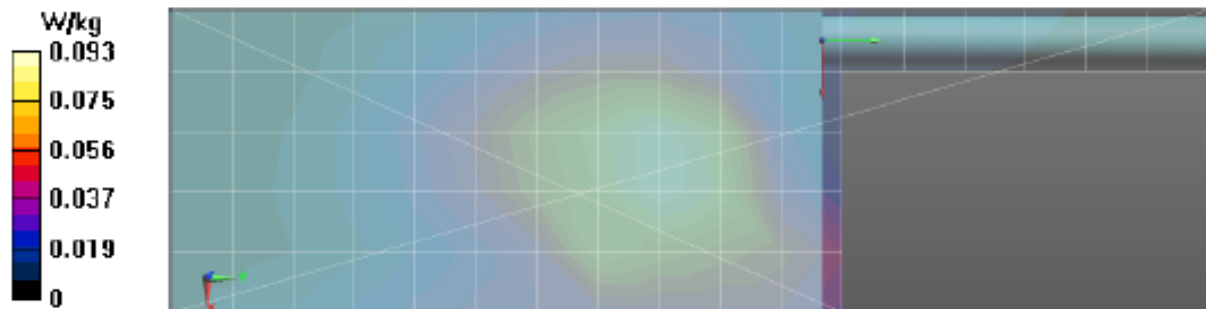
Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.087 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.145 W/kg

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

Maximum value of SAR (measured) = 0.140 W/kg



Assessments at the Body - Table 48

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/24/2014 3:09:08 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140424-03
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.3 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 0.251 (W)

Comments: Band 13 - Channel = 23230 'Mid' 782 MHz. 10MHz BW; 16QAM 1 RB Centered.

Duty Cycle: 1:4.48745, Medium parameters used: $f = 782$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.031 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.070 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.114 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.031 V/m; Power Drift = -0.18 dB

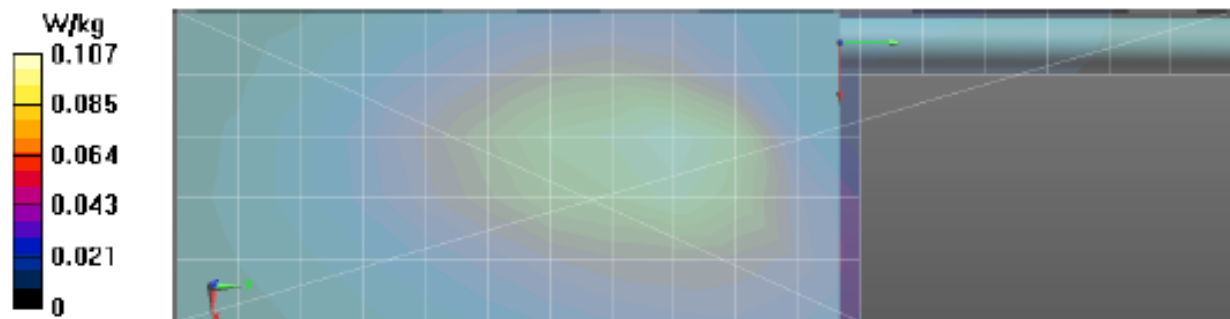
Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.037 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.112 W/kg

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

Maximum value of SAR (measured) = 0.0898 W/kg



Assessments at the Body - Table 52

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/25/2014 1:06:57 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140425-04
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.2 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 0.234 (W)

Comments: DUT= Band 13 - Channel = 23230 Mid 782 MHz. 1.4 MHz BW; 16 QAM 1 RB; Lower.

Duty Cycle: 1:4.48745, Medium parameters used: $f = 782$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.46 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.079 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.133 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.46 V/m; Power Drift = -0.02 dB

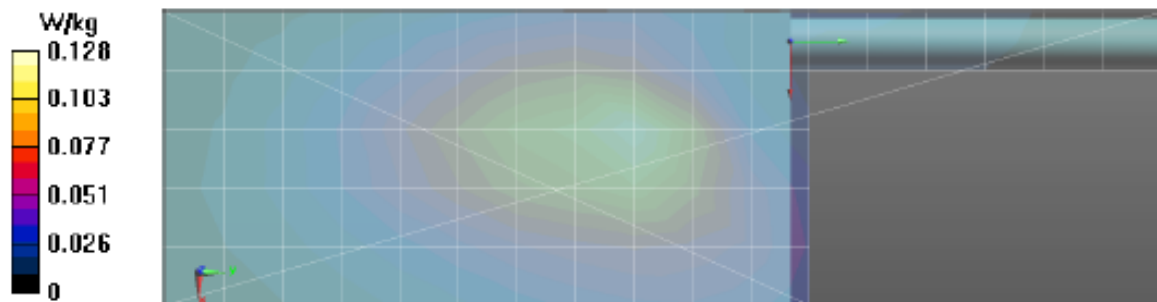
Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.136 W/kg

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

Maximum value of SAR (measured) = 0.134 W/kg



Assessments at the Body - Table 54

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/15/2014 12:18:20 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140315-14
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.3 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 793.0000 (MHz)
 Battery: PMNN4403B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 0.206 (W)

Comments: Band 14 - Channel = 23330 'Mid' 793 MHz. 10MHz BW; QPSK 1RB Centered.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 793$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 793 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.989 V/m; Power Drift = 0.23 dB

Fast SAR: SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.070 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.121 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.989 V/m; Power Drift = 0.06 dB

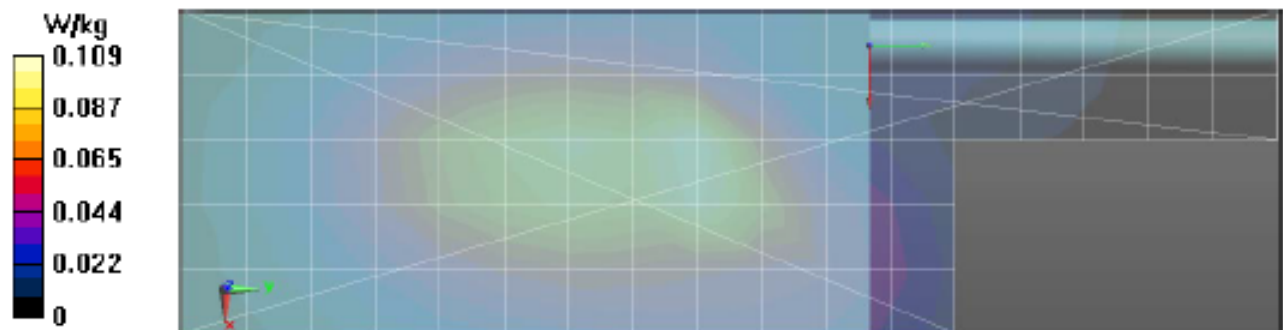
Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.070 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.125 W/kg

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

Maximum value of SAR (measured) = 0.124 W/kg



Assessments at the Body - Table 55

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/15/2014 3:10:35 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140315-20
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.2 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 793.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: HLN6875A
 Audio Acc: PMMN4050A
 Start Power: 0.206 (W)

Comments: Band 14 - Channel = 23330 'Mid' 793 MHz, 10MHz BW; QPSK 1RB Centered.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 793$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 793 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.611 V/m; Power Drift = -0.84 dB

Fast SAR: SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.062 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0966 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.611 V/m; Power Drift = -0.58 dB

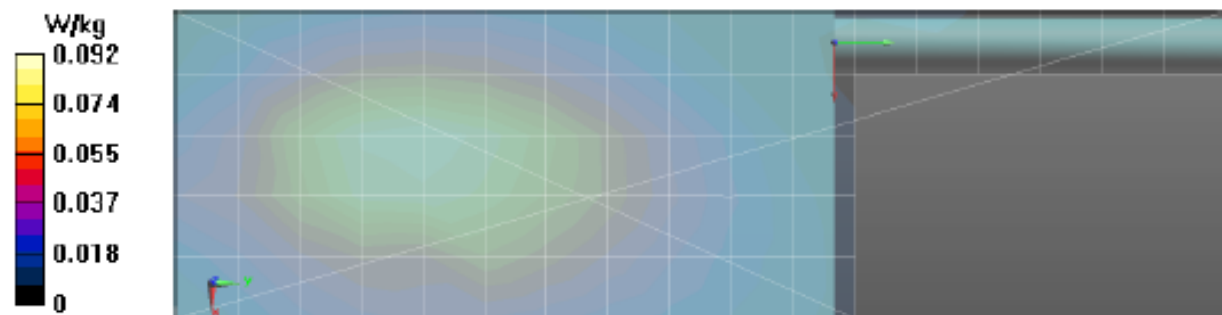
Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.068 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0959 W/kg

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

Maximum value of SAR (measured) = 0.0915 W/kg



Assessments at the Body - Table 57

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/24/2014 4:00:04 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140424-04
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1021
 Tissue Temp: 21.3 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 793.0000 (MHz)
 Battery: PMMN4403B
 Carry Acc: NTN8266B
 Audio Acc: PMMN4050A
 Start Power: 0.197 (W)

Comments: Band 14 - Channel = 23330 Mid' 793 MHz. 10MHz BW; QPSK 50% RB Centered.

Duty Cycle: 1:4.48745, Medium parameters used: $f = 793$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 793 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.34 V/m; Power Drift = 0.30 dB

Fast SAR: SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.100 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm,

dy=7.5mm, dz=5mm

Reference Value = 10.34 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.204 W/kg

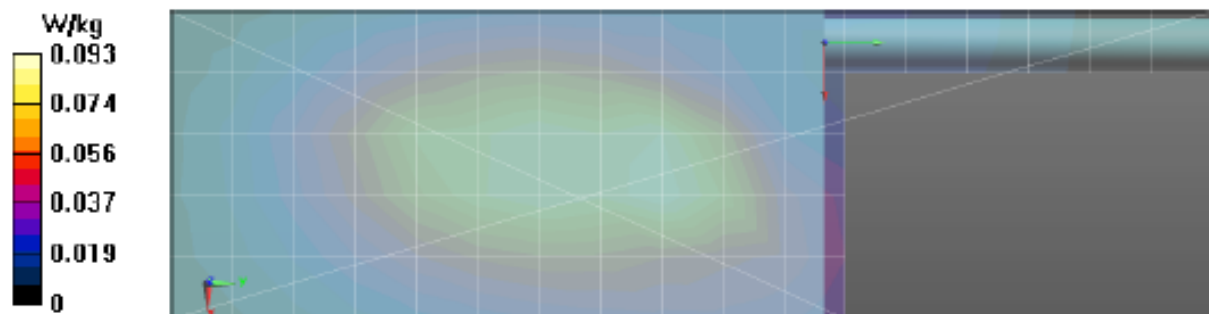
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.065 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.121 W/kg

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

dz=10mm

Maximum value of SAR (measured) = 0.114 W/kg



Assessments at the Face - Table 62

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/11/2014 2:28:56 PM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140311-07
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1109
 Tissue Temp: 22.0 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 158.0125 (MHz)
 Battery: NNTN7038B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 6.45 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158$ MHz; $\sigma = 0.77$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 158.013 MHz, ConvF(8.24, 8.24, 8.24); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 35.148 V/m; Power Drift = -0.29 dB

Fast SAR: SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.703 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.948 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 35.148 V/m; Power Drift = -0.40 dB

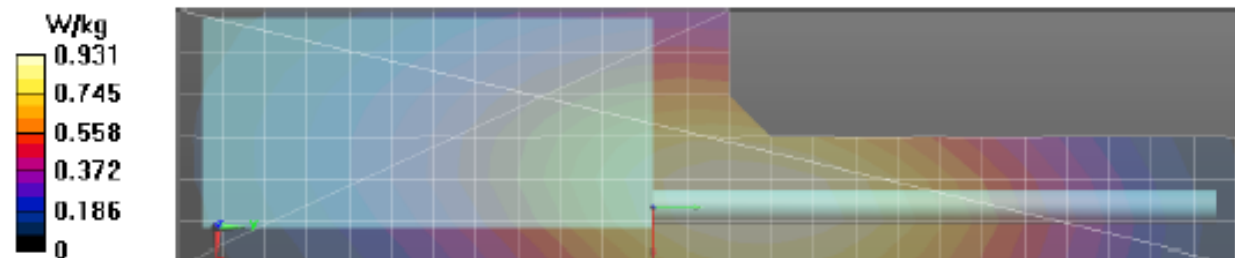
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.666 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.895 W/kg

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

Maximum value of SAR (measured) = 0.880 W/kg



Assessments at the Face - Table 63

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/11/2014 3:57:14 PM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140311-09
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1109
 Tissue Temp: 21.8 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 158.0125 (MHz)
 Battery: NNTN7034B
 Carry Acc: @back
 Audio Acc: N/A
 Start Power: 6.44 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 158 \text{ MHz}$; $\sigma = 0.77 \text{ S/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

Probe: ES3DV3 - SN3301, , Frequency: 158.013 MHz, ConvF(8.24, 8.24, 8.24); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x281x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 34.938 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.681 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.917 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$

Reference Value = 34.938 V/m; Power Drift = -0.40 dB

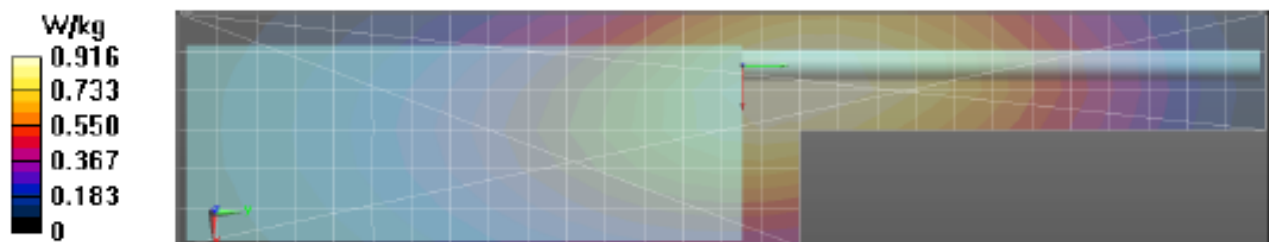
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.660 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.886 W/kg

Below 2 GHz-Rev.1/Face 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) = 0.880 W/kg



Assessments at the Face - Table 65

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/28/2014 3:23:05 PM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140228-10
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.0 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 764.0125 (MHz)
 Battery: NNTN7037A
 Carry Acc: @Front
 Audio Acc: N/A
 Start Power: 2.88 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 764$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 764.013 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 55.773 V/m; Power Drift = -0.36 dB

Fast SAR: SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.79 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.60 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 55.773 V/m; Power Drift = -0.47 dB

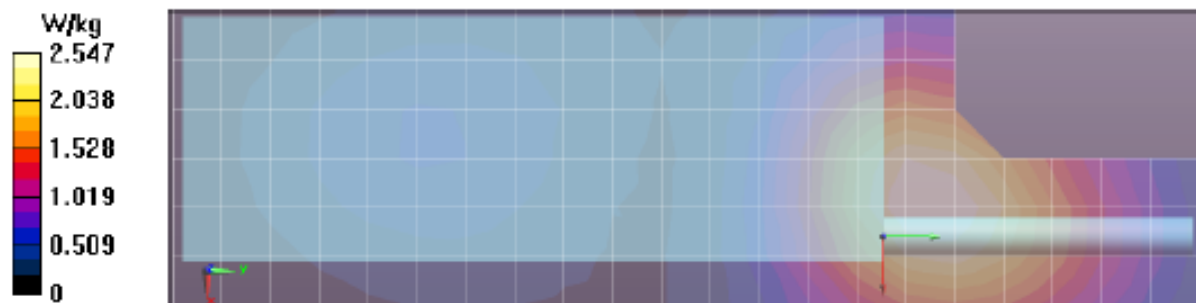
Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.77 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.47 W/kg

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

Maximum value of SAR (measured) = 2.44 W/kg



Assessments at the Face - Table 66

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/3/2014 3:40:03 PM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140303-09
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.3 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 764.0125 (MHz)
 Battery: PMNN4403B
 Carry Acc: @back
 Audio Acc: N/A
 Start Power: 2.88 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 764$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 764.013 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 42.082 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.70 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 42.082 V/m; Power Drift = -0.22 dB

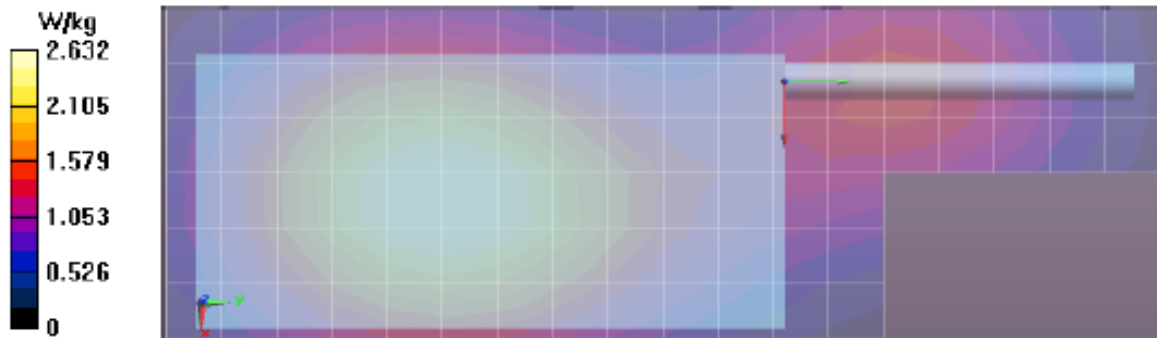
Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.87 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.64 W/kg

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

Maximum value of SAR (measured) = 2.58 W/kg



Assessments at the Face - Table 68

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/8/2014 10:07:49 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140308-12
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.7 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 808.5000 (MHz)
 Battery: NNTN7038B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.52 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 808.5 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 38.154 V/m; Power Drift = -0.21 dB

Fast SAR: SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 38.154 V/m; Power Drift = -0.29 dB

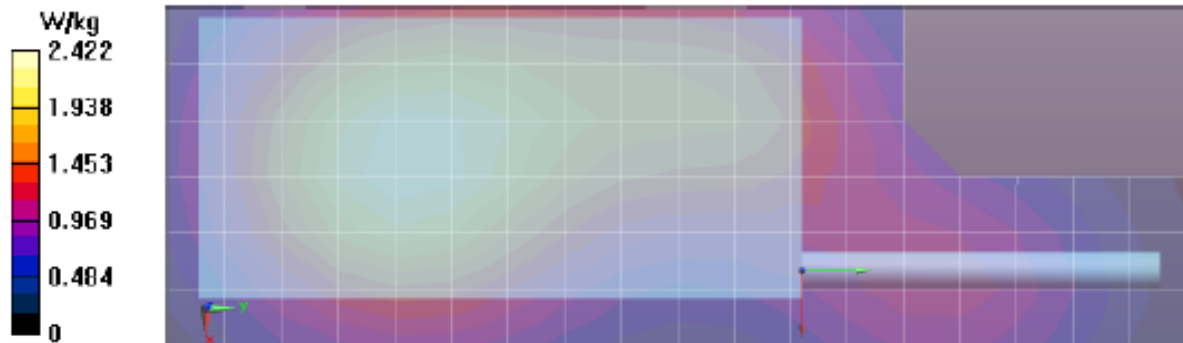
Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.41 W/kg

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

Maximum value of SAR (measured) = 2.405 W/kg



Assessments at the Face - Table 69

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/10/2014 2:48:03 PM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140310-03
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.3 (C)
 Serial#: 655CPX0694
 Antenna: NAR6595A
 Test Freq: 808.5000 (MHz)
 Battery: NNTN7038B
 Carry Acc: @back
 Audio Acc: N/A
 Start Power: 3.51 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$
 Probe: ES3DV3 - SN3301, , Frequency: 808.5 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 52.047 V/m; Power Drift = -0.25 dB

Fast SAR: SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.69 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.01 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$

Reference Value = 52.047 V/m; Power Drift = -0.34 dB

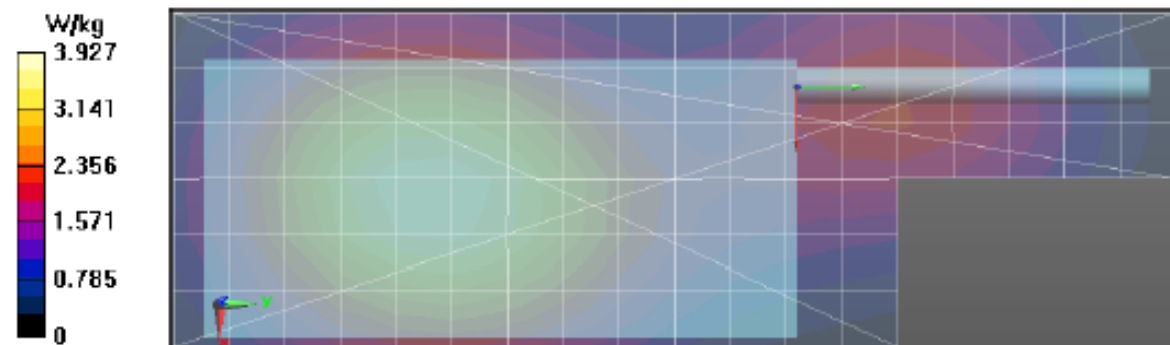
Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 3.69 W/kg; SAR(10 g) = 2.72 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.89 W/kg

Below 2 GHz-Rev.1/Face 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) = 3.84 W/kg



Assessments at the Face - Table 71

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/4/2014 1:02:56 PM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140304-05
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.7 (C)
 Serial#: 655CPX0694
 Antenna: NAF5085A
 Test Freq: 851.0125 (MHz)
 Battery: NNTN7037A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.56 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 851$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 851.013 MHz, ConvF(6.06, 6.06, 6.06); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 44.996 V/m; Power Drift = -0.29 dB

Fast SAR: SAR(1 g) = 1.82 W/kg; SAR(10 g) = 1.27 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 44.996 V/m; Power Drift = -0.30 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.87 W/kg

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

Maximum value of SAR (measured) = 1.872 W/kg



Assessments at the Face - Table 72

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/5/2014 10:01:03 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140305-04
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 22.1 (C)
 Serial#: 655CPX0694
 Antenna: NAF5085A
 Test Freq: 851.0125 (MHz)
 Battery: NNTN7573A
 Carry Acc: @back
 Audio Acc: N/A
 Start Power: 3.56 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 851$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 851.013 MHz, ConvF(6.06, 6.06, 6.06); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 42.926 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 1.61 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.70 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 42.926 V/m; Power Drift = -0.17 dB

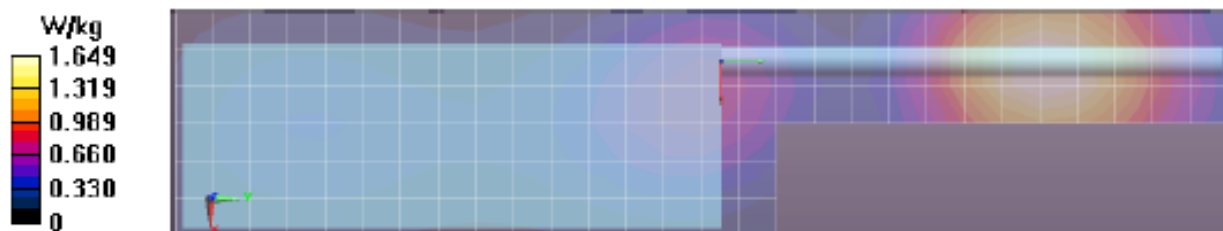
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.59 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.68 W/kg

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

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



Assessments at the Face - Table 74

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/16/2014 7:03:20 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140316-04
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.1 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: PMNN4403B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 0.247 (W)

Comments: Band 13 - Channel = 23230 'Mid' 782 MHz. 10MHz BW; QPSK 1RB Centered.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 782$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.873 V/m; Power Drift = -0.65 dB

Fast SAR: SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.080 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.123 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.873 V/m; Power Drift = -0.13 dB

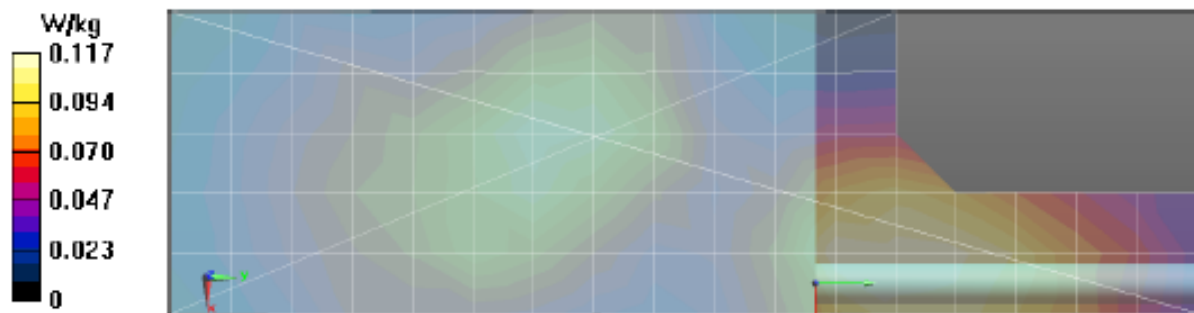
Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.085 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.147 W/kg

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

Maximum value of SAR (measured) = 0.126 W/kg



Assessments at the Face - Table 75

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/16/2014 2:22:35 PM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140316-20
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.1 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: PMNN4403B
 Carry Acc: @back
 Audio Acc: N/A
 Start Power: 0.247 (W)

Comments: Band 13 - Channel = 23230 'Mid' 782 MHz. 10MHz BW; QPSK 1RB Centered.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 782$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 6.979 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.032 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0477 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.979 V/m; Power Drift = 0.84 dB

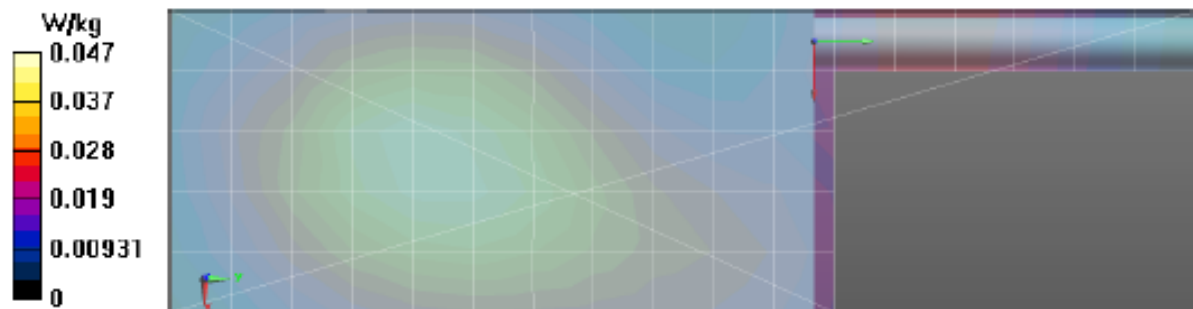
Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.035 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0513 W/kg

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

Maximum value of SAR (measured) = 0.0528 W/kg



Assessments at the Face - Table 77

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/26/2014 5:43:52 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140426-02
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 22.0 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: PMNN4403B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 0.199 (W)

Comments: Band 13 - Channel = 23230 'Mid' 782 MHz. 10MHz BW; QPSK 50%RB middle.

Duty Cycle: 1:3.75837, Medium parameters used: $f = 782$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 12.322 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.095 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.146 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.322 V/m; Power Drift = -0.05 dB

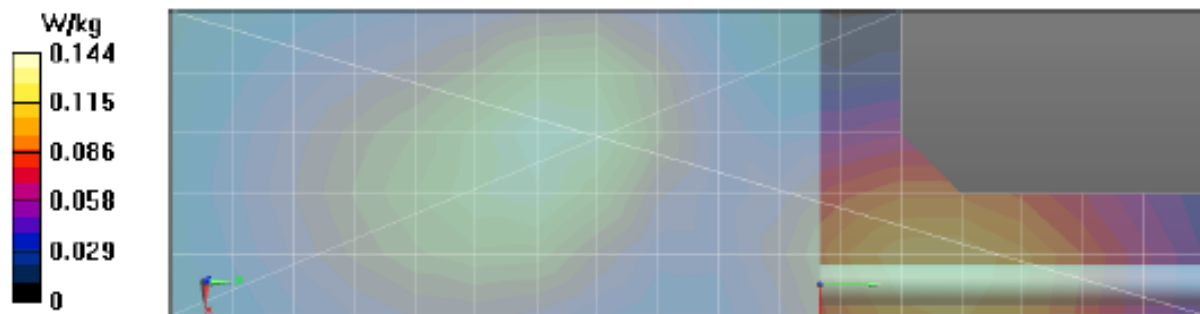
Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.096 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.143 W/kg

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

Maximum value of SAR (measured) = 0.143 W/kg



Assessments at the Face - Table 80

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/26/2014 6:26:49 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140426-03
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.9 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: PMNN4403B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 0.285 (W)

Comments: Band 13 - Channel = 23230 'Mid' 782 MHz. 10MHz BW; 16QAM 1RB middle.

Duty Cycle: 1:4.48745, Medium parameters used: $f = 782$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.261 V/m; Power Drift = 0.64 dB

Fast SAR: SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.084 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.129 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.261 V/m; Power Drift = 0.45 dB

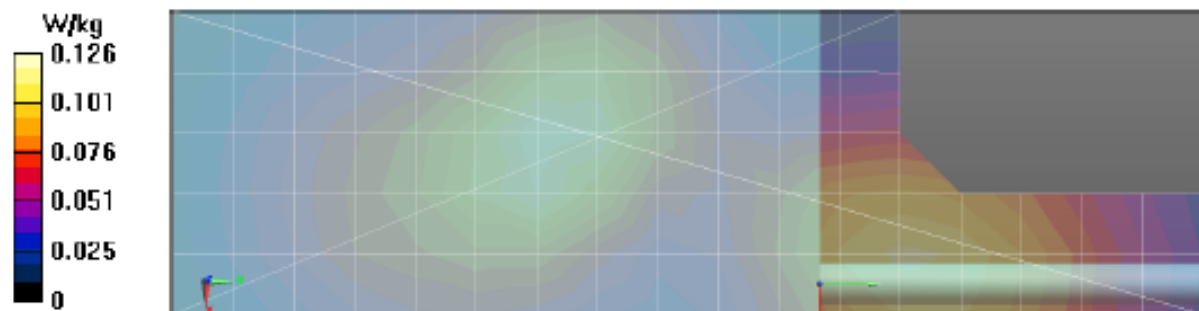
Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.095 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.142 W/kg

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

Maximum value of SAR (measured) = 0.140 W/kg



Assessments at the Face - Table 84

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/26/2014 7:12:07 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140426-04
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.8 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 782.0000 (MHz)
 Battery: PMNN4403B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 0.207 (W)

Comments: DUT = Band 13 - Channel = 23230 'Mid' 782 MHz. 1.4MHz BW; 16QAM 50%RB middle.

Duty Cycle: 1:3.5156, Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.7$; $\rho = 1000 \text{ kg/m}^3$
 Probe: ES3DV3 - SN3301, , Frequency: 782 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 10.51 V/m; Power Drift = 0.60 dB

Fast SAR: SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.083 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.127 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.51 V/m; Power Drift = 0.52 dB

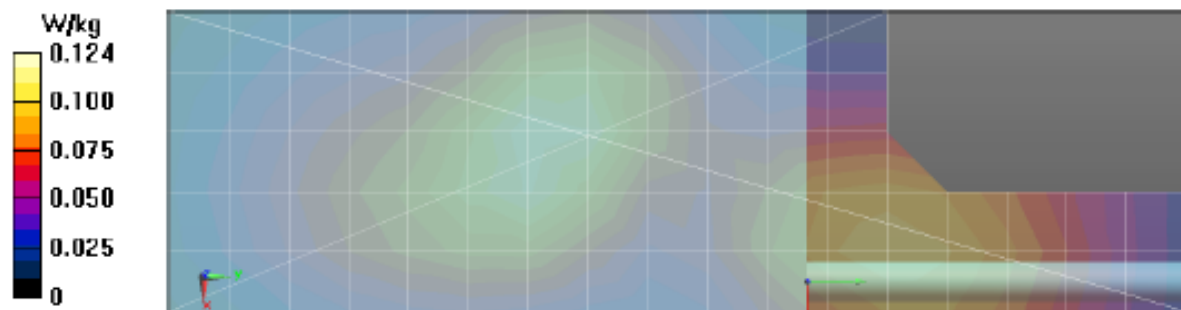
Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.084 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.127 W/kg

Below 2 GHz-Rev.1/Face 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) = 0.124 W/kg



Assessments at the Face - Table 86

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/16/2014 9:34:32 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140316-09
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.1 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 793.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 0.195 (W)

Comments: Band 14 - Channel = 23330 'Mid' 793 MHz. 10MHz BW; QPSK 1RB Lower.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 793$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 793 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.057 V/m; Power Drift = 0.60 dB

Fast SAR: SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.089 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.134 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.057 V/m; Power Drift = 0.45 dB

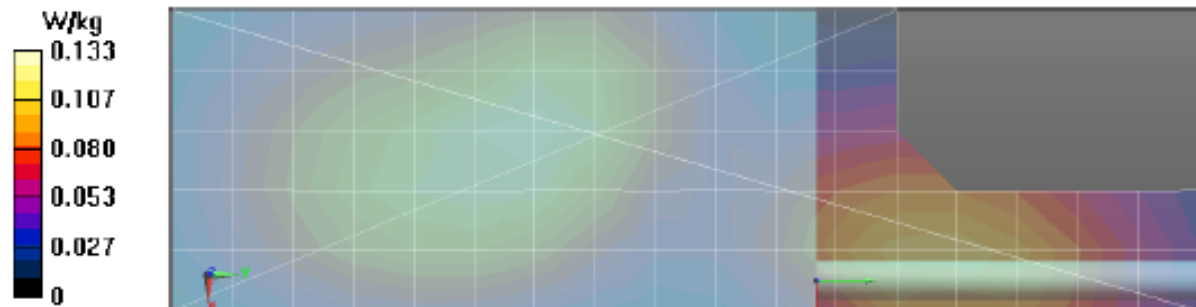
Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.094 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.137 W/kg

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

Maximum value of SAR (measured) = 0.132 W/kg



Assessments at the Face - Table 87

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/16/2014 11:38:22 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140316-14
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.1 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 793.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: @back
 Audio Acc: N/A
 Start Power: 0.195 (W)

Comments: Band 14 - Channel = 23330 'Mid' 793 MHz. 10MHz BW; QPSK 1RB Lower.

Duty Cycle: 1:3.7325, Medium parameters used: $f = 793$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 793 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.316 V/m; Power Drift = -0.68 dB

Fast SAR: SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0437 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.316 V/m; Power Drift = -0.16 dB

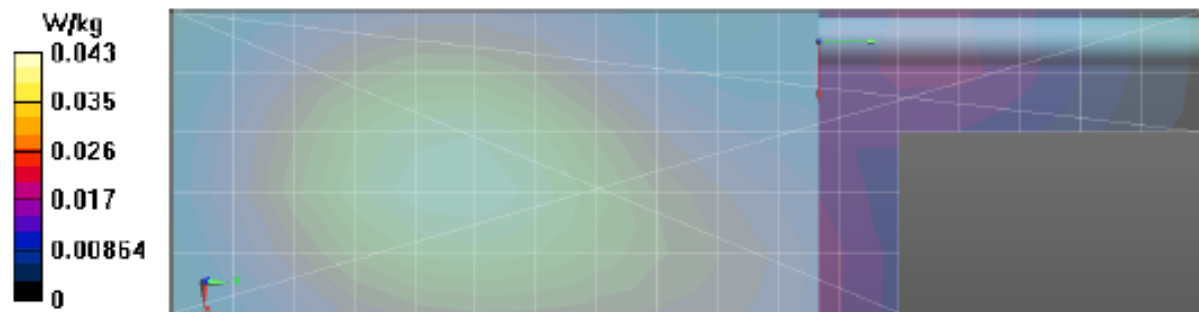
Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0434 W/kg

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

Maximum value of SAR (measured) = 0.0454 W/kg



Assessments at the Face - Table 89

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/26/2014 11:38:23 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140426-12
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.6 (C)
 Serial#: 655CPX0696
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 793.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 0.203 (W)

Comments: Band 14 - Channel = 23330 'Mid' 793 MHz. 10MHz BW; QPSK; 50% RB centered.

Duty Cycle: 1:3.75837, Medium parameters used: $f = 793$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 793 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.171 V/m; Power Drift = 0.42 dB

Fast SAR: SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.115 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.173 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.171 V/m; Power Drift = 0.42 dB

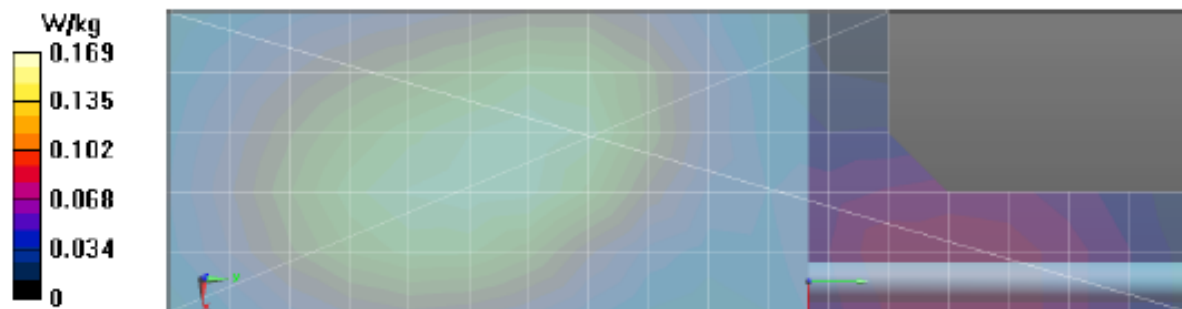
Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.118 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.172 W/kg

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

Maximum value of SAR (measured) = 0.170 W/kg



Assessments at the Face - Table 92

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/26/2014 10:40:41 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140426-10
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1019
 Tissue Temp: 21.6 (C)
 Serial#: 655CPX0694
 Antenna: 85009332001 (internal LTE) w/ LMR NAR6595A
 Test Freq: 793.0000 (MHz)
 Battery: NNTN7038B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 0.232 (W)

Comments: Band 14 - Channel = 23330 'Mid' 793 MHz. 10MHz BW; 16QAM; 1 RB centered.

Duty Cycle: 1:4.48745, Medium parameters used: $f = 793$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 793 MHz, ConvF(6.39, 6.39, 6.39); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.889 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.088 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.135 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

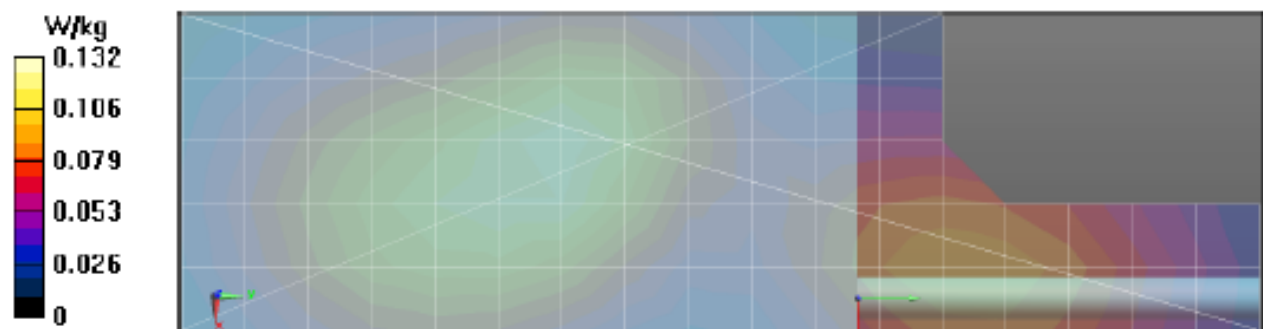
Reference Value = 11.889 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.089 W/kg (SAR corrected for target medium)

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

Maximum value of SAR (measured) = 0.129 W/kg



Assessments at the Body - Table 94

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/12/2014 3:44:06 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140312-07
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1090
 Tissue Temp: 21.6 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 138.0125 (MHz)
 Battery: NNTN7037A
 Carry Acc: HLN6875A
 Audio Acc: Nonc/BT
 Start Power: 6.34 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 138$ MHz; $\sigma = 0.81$ S/m; $\epsilon_r = 61.6$; $\rho = 1000$ kg/m³
 Probe: ES3DV3 - SN3301, , Frequency: 138.013 MHz, ConvF(7.85, 7.85, 7.85); Calibrated: 8/27/2013
 Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x291x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 44.990 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 5.67 W/kg; SAR(10 g) = 3.71 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 7.04 W/kg

Below 2 GHz-Rev.1/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 44.990 V/m; Power Drift = -0.07 dB

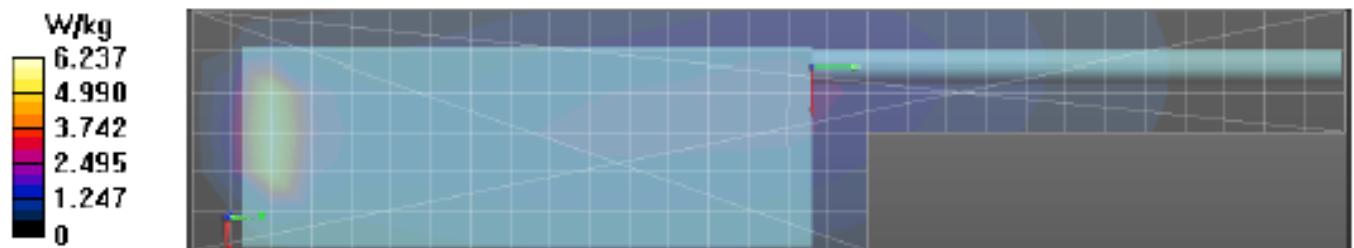
Peak SAR (extrapolated) = 28.5 W/kg

SAR(1 g) = 7.79 W/kg; SAR(10 g) = 3.26 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 7.72 W/kg

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

Maximum value of SAR (measured) = 8.99 W/kg



Assessments at the Face - Table 94

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/28/2014 11:10:01 AM

Robot#: DASY5-FL-3 | Run#: HvH-Face-140428-02
 Model#: H97TGD9PW1AN (NUR1066A)
 Phantom#: OVAL1109
 Tissue Temp: 21.4 (C)
 Serial#: 655CPX0694
 Antenna: NAR6594A
 Test Freq: 138.0125 (MHz)
 Battery: PMNN4403B
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 6.14 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 138$ MHz; $\sigma = 0.75$ S/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Probe: ES3DV3 - SN3301, , Frequency: 138.013 MHz, ConvF(8.24, 8.24, 8.24); Calibrated: 8/27/2013

Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Face Scan/1-Area Scan (61x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 43.969 V/m; Power Drift = -0.21 dB

Fast SAR: SAR(1 g) = 1.39 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.44 W/kg

Below 2 GHz-Rev.1/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 43.969 V/m; Power Drift = -0.23 dB

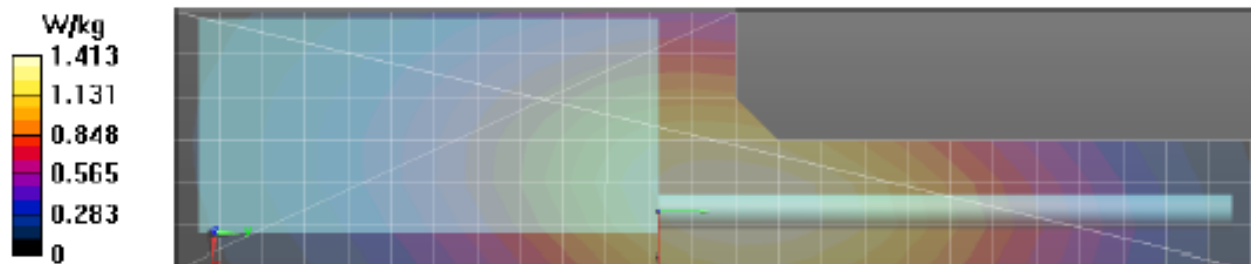
Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.35 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.40 W/kg

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

Maximum value of SAR (measured) = 1.39 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Shortened Scan Table 95

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/13/2014 2:03:59 PM

Robot#: DASY5-FL-3 | Run#: HvH-Ab-140313-07
Model#: H97TGD9PW1AN (NUR1066A)
Phantom#: OVAL1021
Tissue Temp: 20.9 (C)
Serial#: 655CPX0696
Antenna: NAR6595A
Test Freq: 764.0125 (MHz)
Battery: PMNN4403B
Carry Acc: NTN8266B
Audio Acc: None/BT
Start Power: 2.90 (W)

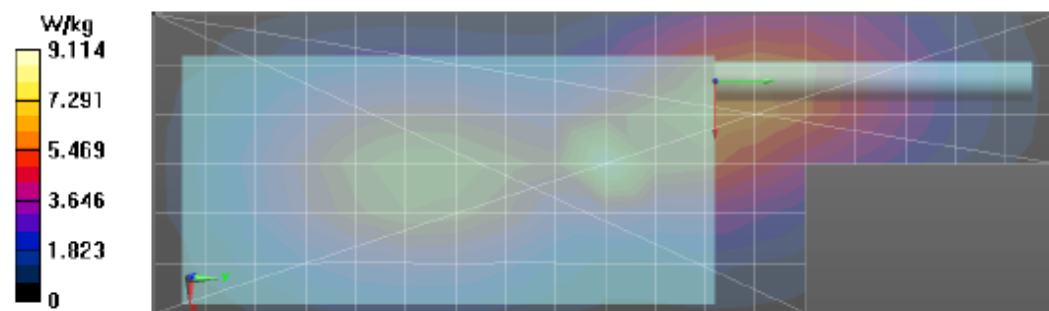
Comments: Shortened scan.

Duty Cycle: 1:1, Medium parameters used: $f = 764 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
Probe: ES3DV3 - SN3301, Frequency: 764.013 MHz, ConvF(6.01, 6.01, 6.01); Calibrated: 8/27/2013
Electronics: DAE3 Sn363, Calibrated: 1/13/2014

Below 2 GHz-Rev.1/Ab Scan/1-Area Scan (61x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Reference Value = 86.810 V/m; Power Drift = -0.24 dB
Fast SAR: SAR(1 g) = 7.99 W/kg; SAR(10 g) = 4.84 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.23 W/kg

Below 2 GHz-Rev.1/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 = 108.5 V/m; Power Drift = -0.75 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 8.75 W/kg; SAR(10 g) = 4.98 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.35 W/kg

Below 2 GHz-Rev.1/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) = 9.05 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)	95	9	5.36	3.05
Full scan (area & zoom)	25	43	5.11	2.93

APPENDIX G

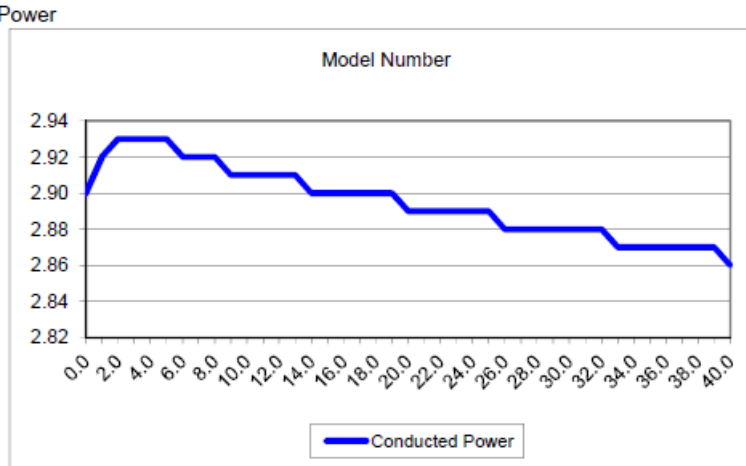
DUT Power slump

Model # H97TGD9PW1AN (FNUR1066A Bluetooth & LTE)
Serial # 655CPX0696

Battery	PMNN4403B	Transmit Mode	CW
Frequency	764.0125	Audio Accessory	Non/BT
Date	3/26/2014		

TX TIME **Measured Power**
 (minutes) Watts

TX TIME (minutes)	Measured Power (Watts)
0.0	2.90
1.0	2.92
2.0	2.93
3.0	2.93
4.0	2.93
5.0	2.93
6.0	2.92
7.0	2.92
8.0	2.92
9.0	2.91
10.0	2.91
11.0	2.91
12.0	2.91
13.0	2.91
14.0	2.90
15.0	2.90
16.0	2.90
17.0	2.90
18.0	2.90
19.0	2.90
20.0	2.89
21.0	2.89
22.0	2.89
23.0	2.89
24.0	2.89
25.0	2.89
26.0	2.88
27.0	2.88
28.0	2.88
29.0	2.88
30.0	2.88
31.0	2.88
32.0	2.88
33.0	2.87
34.0	2.87
35.0	2.87
36.0	2.87
37.0	2.87
38.0	2.87
39.0	2.87
40.0	2.86



APPENDIX H

DUT Test Position Photos

Photos available in Exhibit 7B

APPENDIX I
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B

APPENDIX J

150MHz Validation

According to KDB 865664 D01 section 3.5 system validation requirements in the 100MHz to 300MHz range, when the required dipole sources are unavailable, the 300 MHz dipole defined in IEEE Std 1528-2003 is used in conjunction with the procedures in section and 3.4.2 to perform SAR system validation and verification.

During the 2013 April TCBC Workshop FCC acknowledged that not all requirements could be satisfied as stated in sections 3.4.2 but for the labs to follow the process and document the results regardless.

The following data was recorded per the process stated in KDB 865664 D01 section 3.4.2. The established 150 MHz targets for head and body SAR in section 10.2 are the mean of the first five SAR results i.e. Head = 2.13 mW/g and Body = 2.20 mW/g.

Test #	Run # HVH-SYSP-300H-140212-01; HVH-SYSP-150H-140212-02;	ES3DV3 Probe /SN	1 Probe Cal Factor (300MHz)	2 Probe Cal Factor (150MHz)	Probe Cal Factor % Delta	Meas. Head Tissue (300MHz)		Meas. Head Tissue (150MHz)		Tissue % Delta		Dipole /SN	Dipole Return Loss (dB) @ 150MHz	Meas. 300MHz SAR (1g)	Meas. 150MHz SAR (1g)	Normalized 1W 300MHz SAR (1g)	Normalized 1W 150MHz SAR (1g)	SAR % Delta	SPEAG's Normalized 1W SAR (1g)	SAR % Delta Normalized 1g (Measured difference from SPEAG)	Comments
						Er (perm)	Sigma (con)	Er (perm)	Sigma (con)	Er (perm)	Sigma (con)										
1	1 - 300MHz, 2 - 150MHz	3301	7.67	8.24	7.4%	45.9	0.86	52.1	0.74	13.5%	-14.0%	1014	-0.31	0.671	0.533	2.68	2.13	-20.6%	2.89	-7.1%	Input power 250mW

150 MHz System Performance head									
Head System Performance	Er (perm)	Sigma (con)	Meas. (1g)		Meas. (10g)		Rotation (dB)		
				0.00		0.0			

Motorola Solutions Inc. EME Form-SAR-Rpt-Rev. 13.5

300MHz Dipole # 1014 with ES probe 3301

BODY

Test #	Run # HvH-SYSP-300B-140212-07; HvH-SYSP-150B-140212-08;	ES3DV3 Probe/SN	1 Probe Cal Factor (300MHz)	2 Probe Cal Factor (150MHz)	Probe Cal Factor % Delta	Meas. Body Tissue (300MHz)		Meas. Body Tissue (150MHz)		Tissue % Delta		Dipole /SN	Dipole Return Loss (dB) @ 150MHz	Meas. 300MHz SAR (1g)	Meas. 150MHz SAR (1g)	Normalized 1W 300MHz SAR (1g)	Normalized 1W 150MHz SAR (1g)	SAR % Delta (between 300 & 150MHz)	SPEAG's Normalized 1W SAR (1g)	SAR % Delta Normalized 1g (Measured difference from SPEAG)	Comments
						Er (perm)	Sigma (con)	Er (perm)	Sigma (con)	Er (perm)	Sigma (con)										
1	1 - 300MHz, 2 - 150MHz	3301	7.57	7.85	3.7%	57.9	0.88	61.5	0.79	6.2%	####	1014	-0.29	0.686	0.550	2.74	2.20	-19.8%	2.85	-3.7%	Input power 250mW

150 MHz System Performance Log / Run #		Meas. Body Tissue (150MHz)		Meas. 150MHz SAR (1g)	Normalized 1W 150MHz SAR (1g)	Meas. 150MHz SAR (10g)	Normalized 1W 150MHz SAR (10g)	150MHz Target (1g)	150MHz Target (10g)	Rotation (dB)	Comments
		Er (perm)	Sigma (con)								
1	HvH-SYSP-150B-140212-08	61.5	0.79	0.550	2.20	0.371	1.48	2.20	1.48	0.051	Input power 250mW
2	HvH-SYSP-150B-140212-09	61.5	0.79	0.549	2.20	0.370	1.48			0.051	Input power 250mW
3	HvH-SYSP-150B-140212-10	61.5	0.79	0.549	2.20	0.371	1.48			0.049	Input power 250mW
4	HvH-SYSP-150B-140212-11	61.5	0.79	0.549	2.20	0.370	1.48			0.048	Input power 250mW
5	HvH-SYSP-150B-140213-01	61.5	0.79	0.548	2.19	0.370	1.48			0.047	Input power 250mW
				Mean	2.20	Mean	1.48				
				Std dev	0.003	Std dev	0.002				
				Coeff. Vari	0.1%	Coeff. Var	0.1%				

Body System Performance		150 MHz System Performance body								
		Er (perm)	Sigma (con)	Meas. (1g)	Meas. (10g)		Rotation (dB)			Comments
					#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
										Input power 250mW

Log Body
System Performance

150 MHz System Performance Body		Meas. Body Tissue (150MHz)		Meas. 150MHz SAR (1g)	Normalized 1W 150MHz SAR (1g)	Meas. 150MHz SAR (10g)	Normalized 1W 150MHz SAR (10g)	% Delta from Target (1g)	% Delta from Target (10g)	Rotation (dB)	Comments
1	HvH-SYSP-150B-140212-08	Er (perm)	Sigma (con)								
		61.5	0.79	0.550	2.20	0.371	1.48	0.18	0.16	0.051	Input power 250mW
2	HvH-SYSP-150B-140212-09	61.5	0.79	0.549	2.20	0.370	1.48	0.00	-0.11	0.051	Input power 250mW
3	HvH-SYSP-150B-140212-10	61.5	0.79	0.549	2.20	0.371	1.48	0.00	0.16	0.049	Input power 250mW
4	HvH-SYSP-150B-140212-11	61.5	0.79	0.549	2.20	0.370	1.48	0.00	-0.11	0.048	Input power 250mW
5	HvH-SYSP-150B-140213-01	61.5	0.79	0.548	2.19	0.370	1.48	-0.18	-0.11	0.047	Input power 250mW
	ErC-SYSP-150B-140319-01	61.3	0.80	0.553	2.21	0.372	1.49	0.73	0.43	0.054	Input power 250mW
	ErC-SYSP-150B-140317-01	60.9	0.79	0.551	2.20	0.371	1.48	0.36	0.16	0.047	Input power 250mW
	HvH-SYSP-150B-140312-06	61.2	0.81	0.549	2.20	0.369	1.48	0.00	-0.38	0.047	Input power 250mW
	HvH-SYSP-150B-140228-03	60.8	0.79	0.571	2.28	0.386	1.54	4.01	4.21	0.048	Input power 250mW
	HvH-SYSP-150B-140220-01	61.3	0.79	0.571	2.28	0.385	1.54	4.01	3.94	0.049	Input power 250mW
	HvH-SYSP-150B-140219-01	61.6	0.79	0.566	2.26	0.381	1.52	3.10	2.86	0.049	Input power 250mW
	HvH-SYSP-150B-140218-01	61.9	0.79	0.541	2.16	0.365	1.46	-1.46	-1.46	0.048	Input power 250mW
	HvH-SYSP-150B-140214-01	61.3	0.81	0.540	2.16	0.363	1.45	-1.64	-2.00	0.050	Input power 250mW
	HvH-SYSP-150B-140213-01	60.8	0.80	0.548	2.19	0.370	1.48	-0.18	-0.11	0.047	Input power 250mW
		Mean		2.21	Mean	1.49					
		Std dev		0.039	Std dev	0.027					
		Coeff. Vari		1.8%	Coeff. Vari	1.8%					