

**MOTOROLA SOLUTIONS**

MS ISO/IEC 17025
TESTING
SAMM No.0826

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2**Motorola Solutions Inc.****EME Test Laboratory**

Motorola Solutions Malaysia Sdn Bhd (Innoplex)
 Plot 2A, Medan Bayan Lepas,
 Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.

Date of Report: 10/25/2018**Report Revision: B**

Responsible Engineer: Ch'ng Jian Sheng
Report Author: Ch'ng Jian Sheng
Date/s Tested: 08/14/2018 – 08/21/2018, 08/24/2018, 08/26/2018 - 08/31/2018, 09/02/2018 - 09/06/2018
Manufacturer: Motorola Solutions Inc.
DUT Description: Handheld, MTP3550, 806 – 870 MHz, MACE
Test TX mode(s): TDMA (PTT); CW(Bluetooth)
Max. Power output: 2.0W (806-870MHz), 4.61mW (Bluetooth) & 2.51mW (Bluetooth LE)
Nominal Power: 1.8W (806-870MHz), 2.0mW (Bluetooth) & 2.0mW (Bluetooth LE)
Tx Frequency Bands: 806-870 MHz, Bluetooth 2.402-2.480 GHz
Signaling type: TDMA, PI/4DQPSK & FHSS (Bluetooth)
Model(s) Tested: AZH63UCH6TZ8AN (PMUF1703A)
Model(s) Certified: AZH63UCH6TZ8AN, AZH62UCF6TZ8AN
Serial Number(s): DFLTQU4NJE
Classification: Occupational/Controlled
FCC ID: AZ489FT5876; 809-824 MHz, 854-869 MHz, 2402-2480 MHz
IC: 109U-89FT5876; 806-824 MHz, 851-869 MHz, 2402-2480 MHz
ISED Test Site registration: 109AK
FCC Test Firm Registration Number: 823256

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

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

Tiong Nguk Ing
Deputy Technical Manager (Approved Signatory)
Approval Date: 10/25/2018

Appendix E

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/17/2018 5:04:05 PM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835H-180817-12
Dipole Model#: D835V2
Phantom#: ELI4 1050
Tissue Temp: 21.5 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.038 dB
Adjusted SAR (1W): 9.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.42, 10.42, 10.42); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 57.97 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.55 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.03 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 57.97 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.59 W/kg

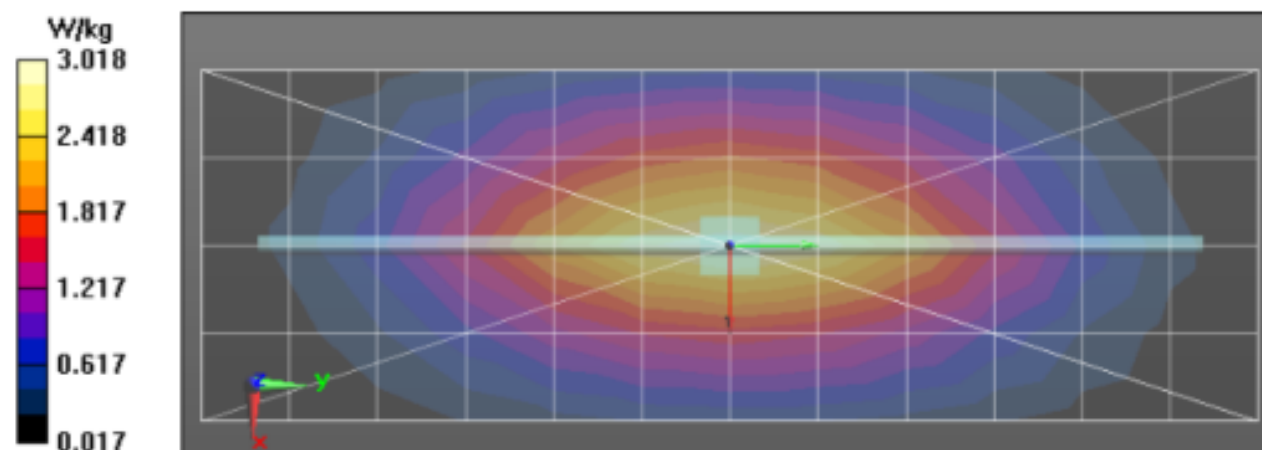
SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.51 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.05 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) = 3.03 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/20/2018 12:40:24 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835H-180820-01
 Dipole Model#: D835V2
 Phantom#: ELI4 1050
 Tissue Temp: 21.7 (C)
 Serial#: 4d029
 Test Freq: 835.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.150 dB
 Adjusted SAR (1W): 9.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.42, 10.42, 10.42); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 58.03 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.55 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.01 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

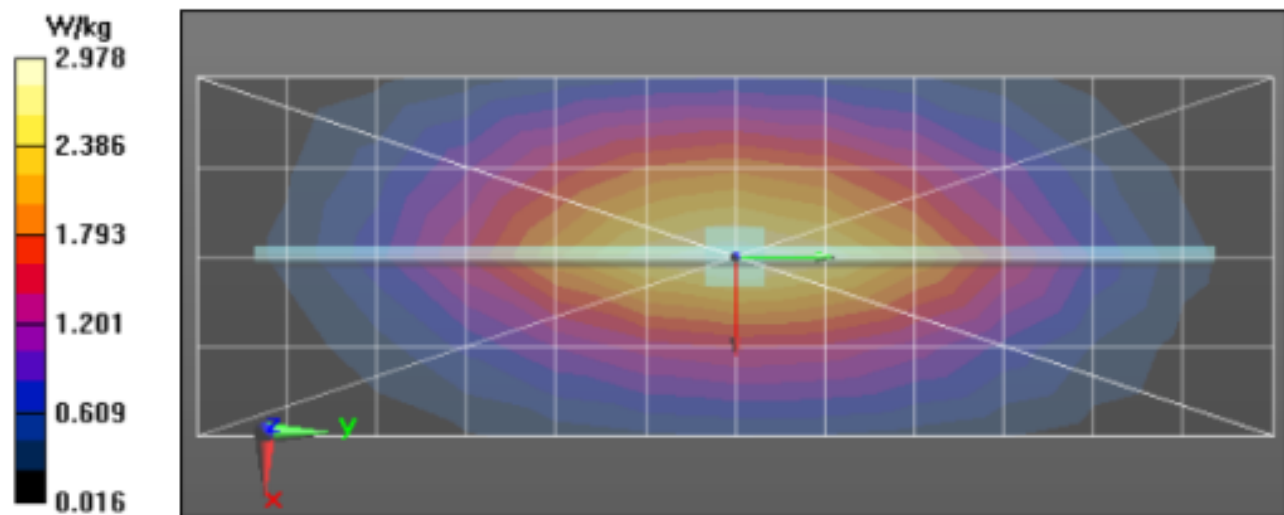
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 58.03 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.51 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

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/21/2018 12:34:04 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835H-180821-01
 Dipole Model#: D835V2
 Phantom#: SAMTP 1234
 Tissue Temp: 20.7 (C)
 Serial#: 4d029
 Test Freq: 835.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.034 dB
 Adjusted SAR (1W): 9.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.42, 10.42, 10.42); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 58.68 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.03 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 58.68 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.63 W/kg

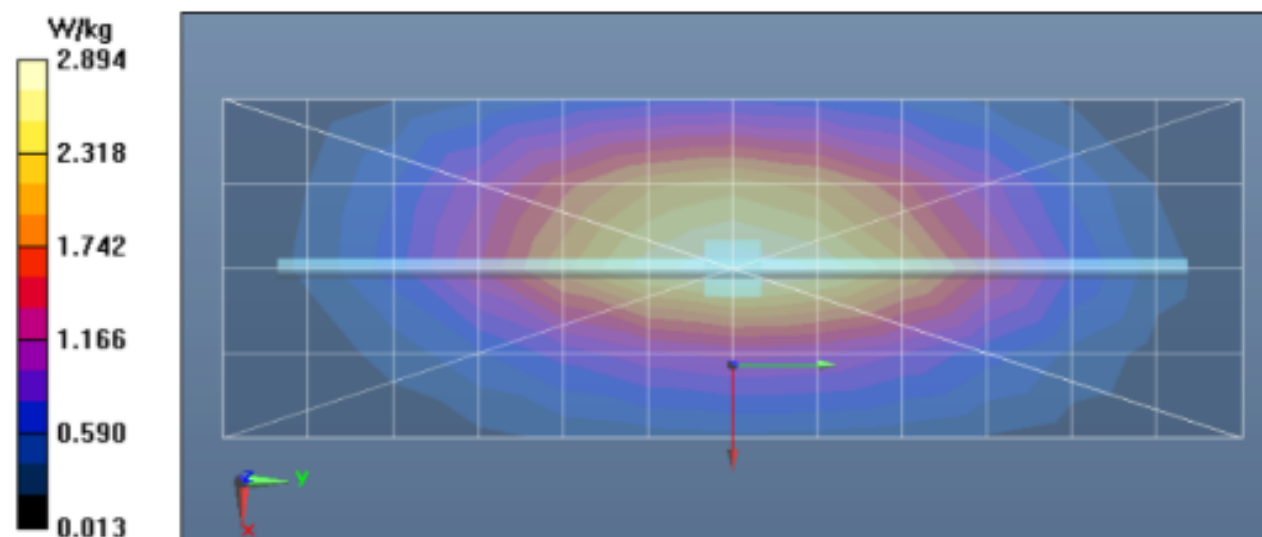
SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)

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

Maximum value of SAR (measured) = 3.07 W/kg



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Date/Time: 8/24/2018 8:41:16 PM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835B-180824-01
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.6 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.11 dB
Adjusted SAR (1W): 9.48 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.33 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.11 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 56.33 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.71 W/kg

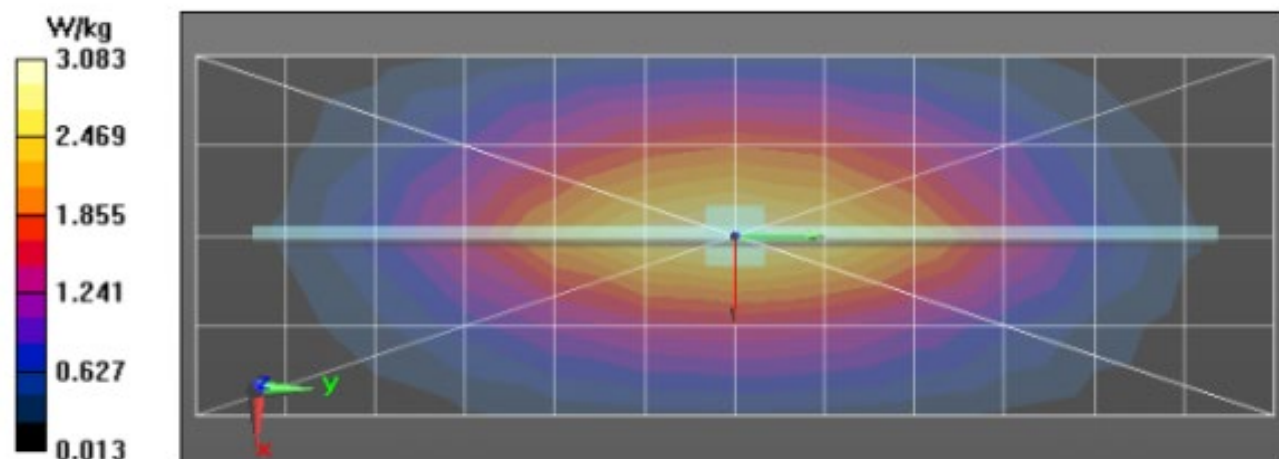
SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.14 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) = 3.15 W/kg



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Date/Time: 8/26/2018 7:23:11 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835B-180826-01
Dipole Model# D835V2
Phantom#: ELI4 1028
Tissue Temp: 22.1 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.11 dB
Adjusted SAR (1W): 9.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.10 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.11 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

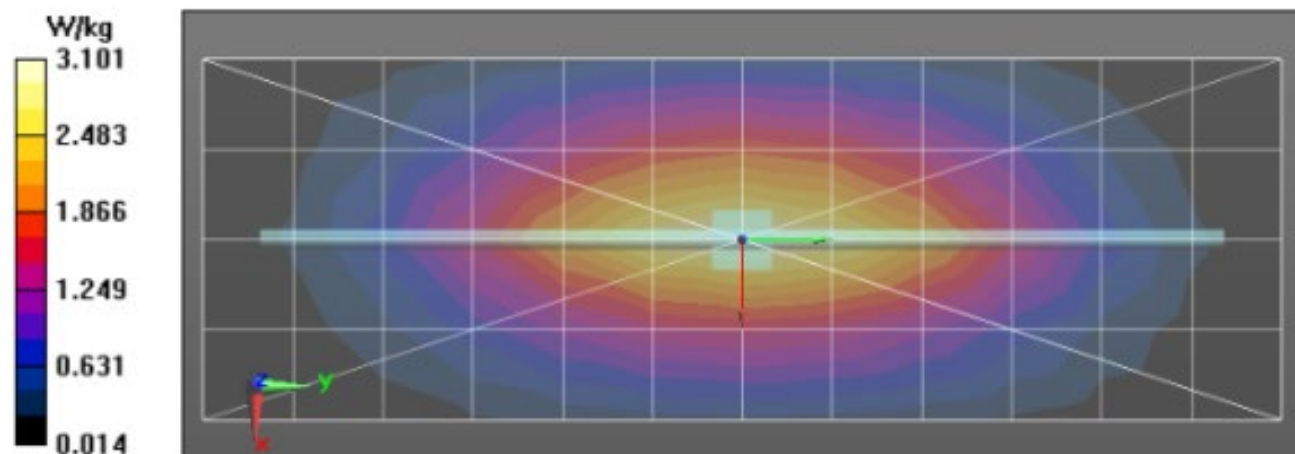
Reference Value = 56.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.54 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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/27/2018 9:25:14 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835B-180827-07
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.9 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.130 dB
Adjusted SAR (1W): 9.56 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.63 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 56.63 V/m; Power Drift = 0.01 dB

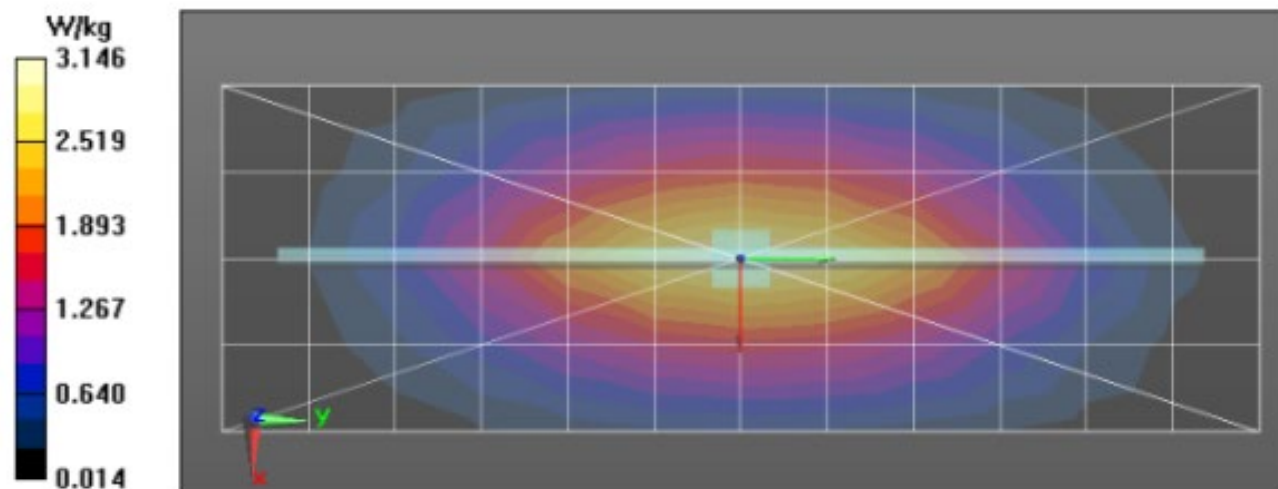
Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.16 W/kg

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/28/2018 7:59:03 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835B-180828-07
 Dipole Model#: D835V2
 Phantom#: ELI4 1028
 Tissue Temp: 21.7 (C)
 Serial#: 4d029
 Test Freq: 835.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.140 dB
 Adjusted SAR (1W): 9.36 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018

Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.04 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.12 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 56.04 V/m; Power Drift = -0.02 dB

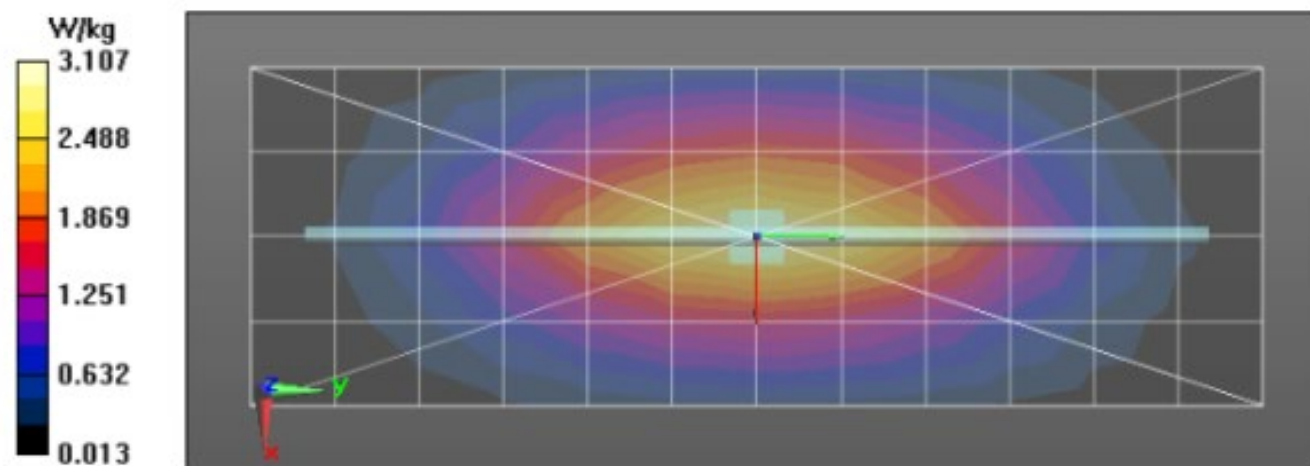
Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.55 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.13 W/kg

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/29/2018 9:07:59 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835B-180829-07
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.044 dB
Adjusted SAR (1W): 9.12 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 55.22 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.01 W/kg

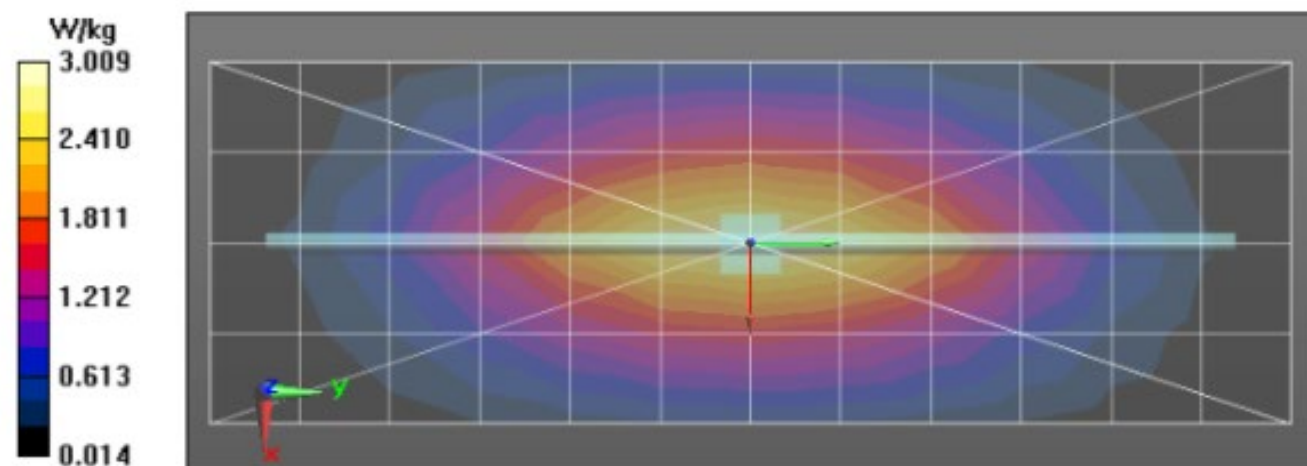
Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 55.22 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.51 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): Measurementgrid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/30/2018 7:58:08 AM

Robot#: DASY5-PG-1 | Run#: AZ-SYSP-835B-180830-06
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.037 dB
Adjusted SAR (1W): 9.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018

Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.30 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.11 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 56.30 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.65 W/kg

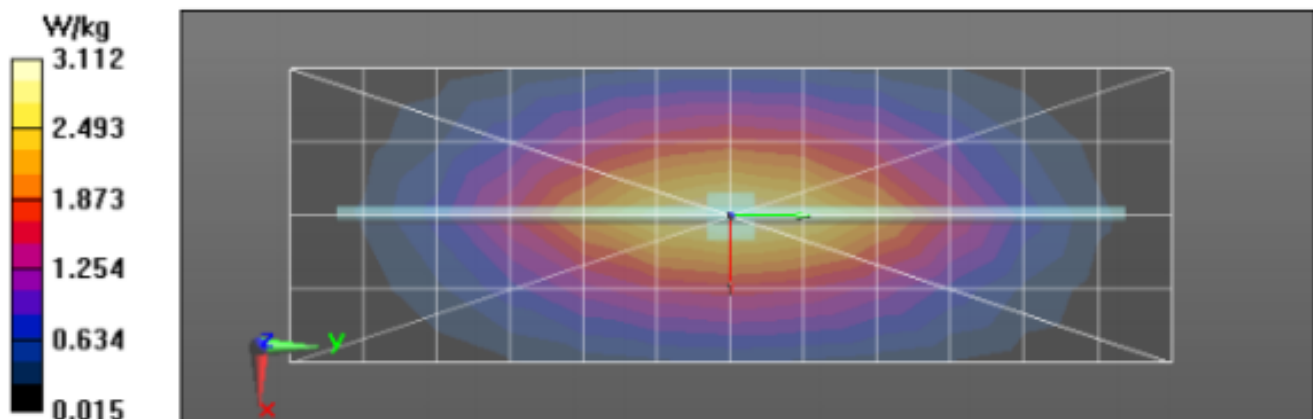
SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.54 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.09 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) = 3.10 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/31/2018 8:44:04 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-835B-180831-12
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.9 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.030 dB
Adjusted SAR (1W): 9.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 55.56 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.56 W/kg (SAR corrected for target medium)

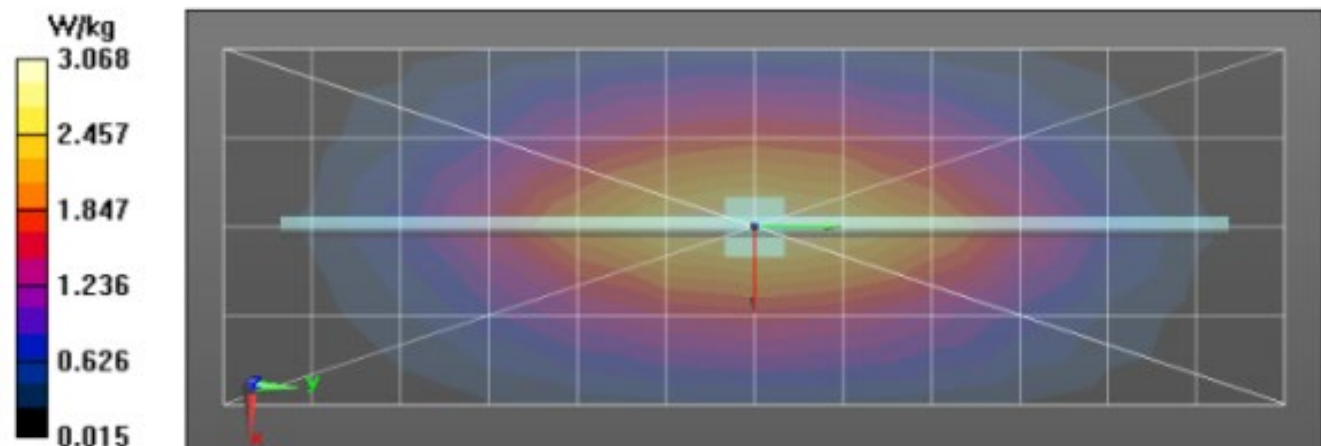
Maximum value of SAR (interpolated) = 3.07 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 55.56 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.54 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: 9/2/2018 6:33:39 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-835B-180902-01
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.2 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.04 dB
Adjusted SAR (1W): 9.52 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.69 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.11 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 56.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.70 W/kg

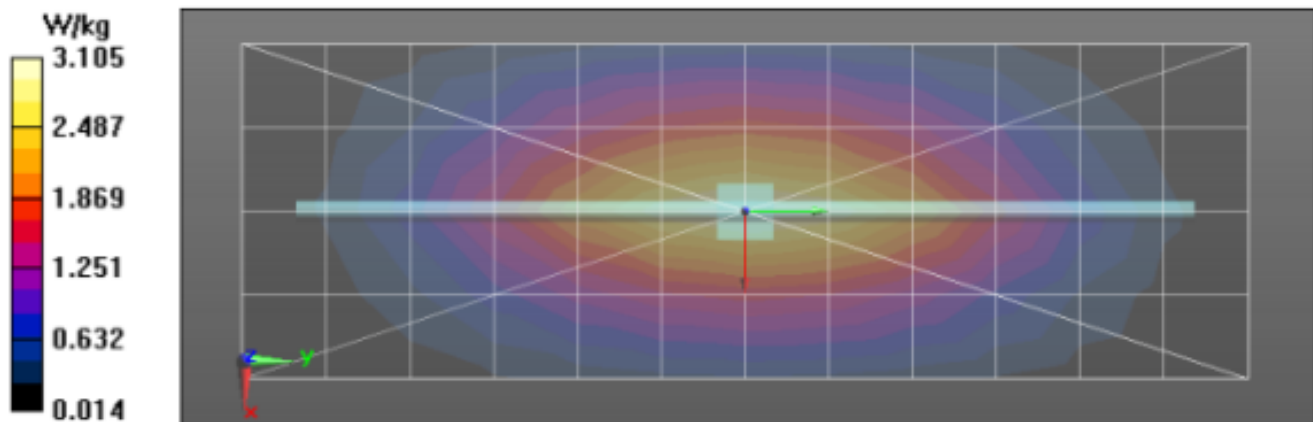
SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.13 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) = 3.12 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/3/2018 6:57:31 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-835B-180903-05
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.9 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.13 dB
Adjusted SAR (1W): 9.44 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018

Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.38 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.09 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 56.38 V/m; Power Drift = 0.01 dB

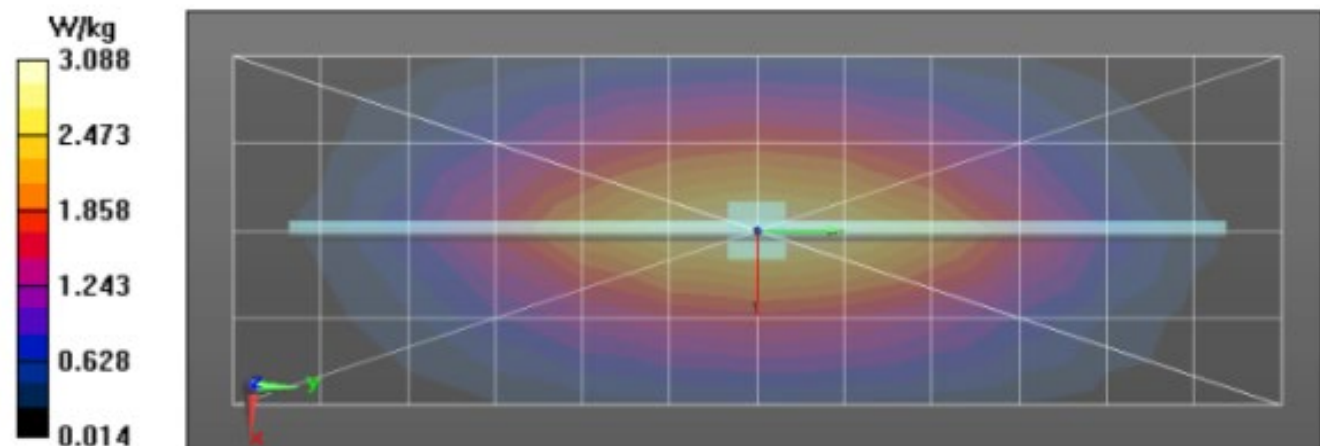
Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.56 W/kg (SAR corrected for target medium)

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

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/4/2018 7:53:25 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-835B-180904-06
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.9 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.14 dB
Adjusted SAR (1W): 9.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 56.81 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.61 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.16 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 56.81 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.75 W/kg

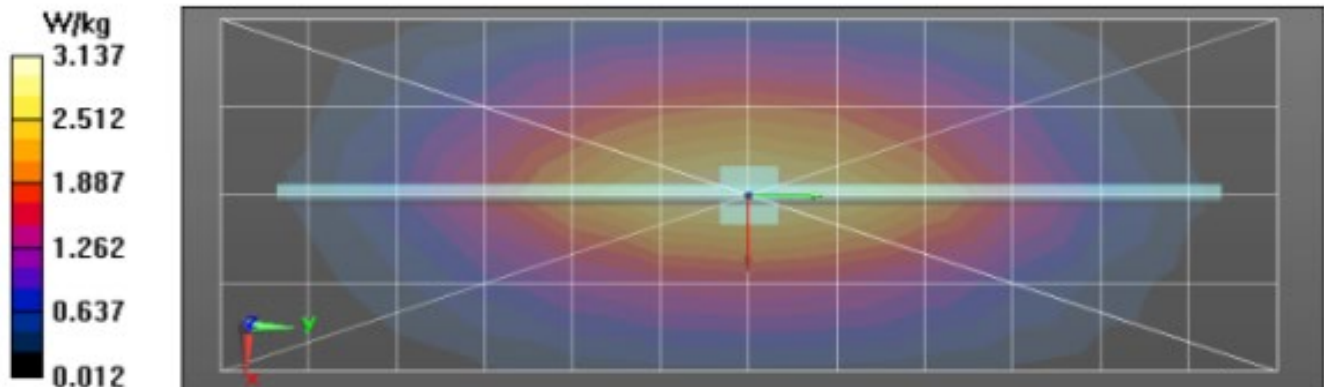
SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.18 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) = 3.19 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/5/2018 8:23:26 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-835B-180905-09
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 21.9 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.08 dB
Adjusted SAR (1W): 10.04 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018

Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 58.26 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 58.26 V/m; Power Drift = -0.03 dB

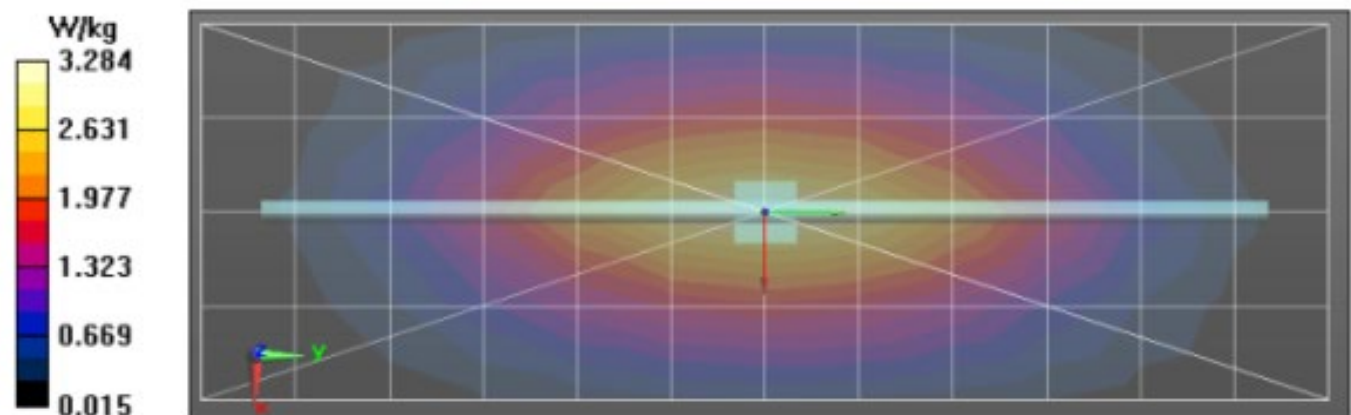
Peak SAR (extrapolated) = 3.88 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.66 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.29 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: 9/6/2018 7:40:58 AM

Robot#: DASY5-PG-1 | Run#: ZR-SYSP-835B-180906-08
Dipole Model#: D835V2
Phantom#: ELI4 1028
Tissue Temp: 22.5 (C)
Serial#: 4d029
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.039 dB
Adjusted SAR (1W): 9.88 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, , Frequency: 835 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018

Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

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

Reference Value = 57.95 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.21 W/kg

Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

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

Reference Value = 57.95 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.81 W/kg

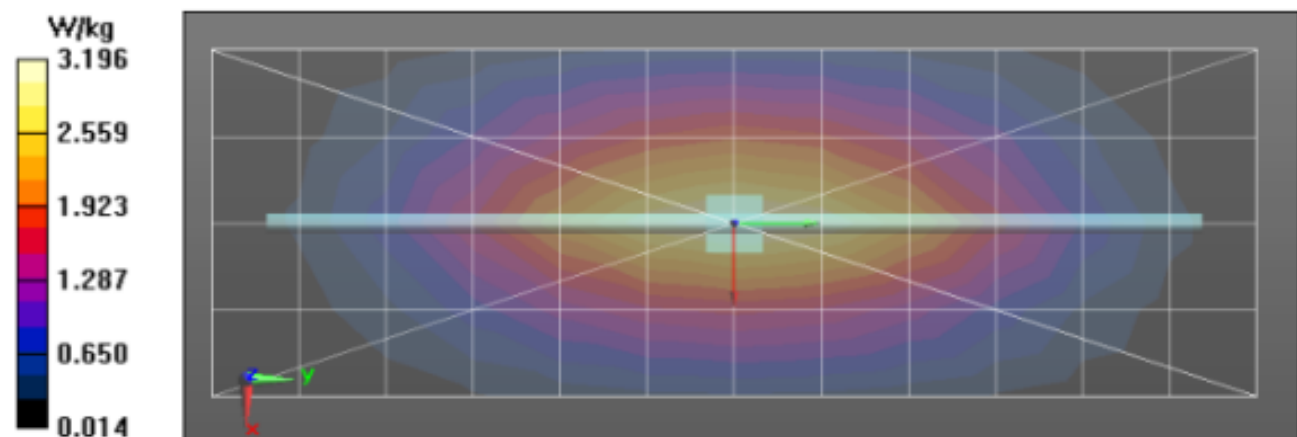
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.23 W/kg

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

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

Maximum value of SAR (measured) = 3.22 W/kg



Appendix F

DUT Scans

Assessments at the Body - Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/25/2018 12:57:58 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180825-02#
 Model#: PMUF1703A
 Phantom#: ELI4 1028
 Tissue Temp: 20.7 (C)
 Serial#: DFLTQU4NJE
 Antenna: 85012070001
 Test Freq: 816.500 (MHz)
 Battery: NNTN8020B
 Carry Acc: HLN9714A
 Audio Acc: None
 Start Power: 1.90 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 817$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 816.5 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 64.47 V/m; Power Drift = -0.62 dB

Fast SAR: SAR(1 g) = 4.41 W/kg; SAR(10 g) = 3.03 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.38 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 = 64.47 V/m; Power Drift = -0.75 dB

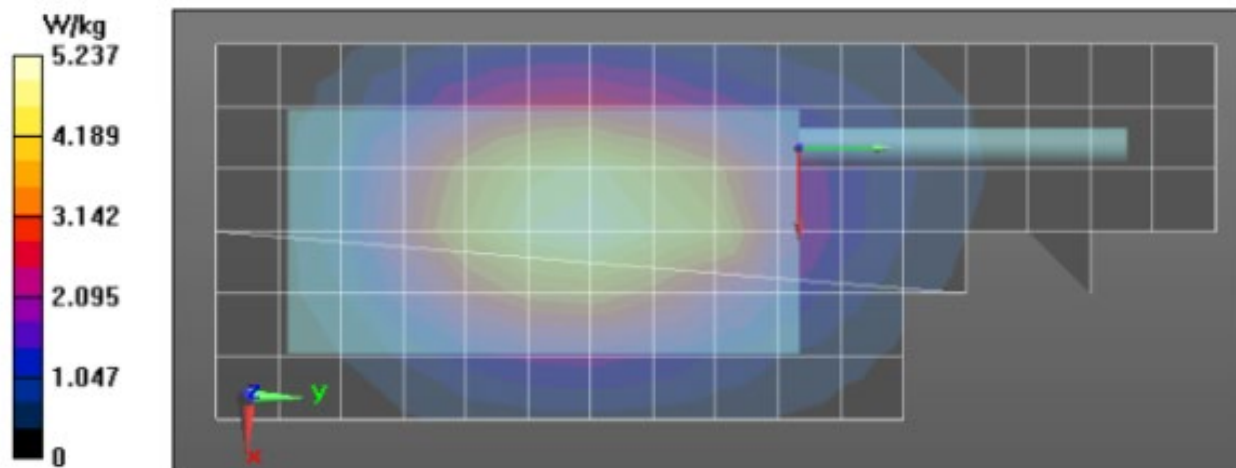
Peak SAR (extrapolated) = 5.69 W/kg

SAR(1 g) = 4.3 W/kg; SAR(10 g) = 3.14 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 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/26/2018 12:12:46 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180826-07
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.7 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 824.000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5616B
Audio Acc: None
Start Power: 1.88 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 824$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 824 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 57.59 V/m; Power Drift = -0.66 dB

Fast SAR: SAR(1 g) = 4.58 W/kg; SAR(10 g) = 3.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.61 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 = 57.59 V/m; Power Drift = -0.76 dB

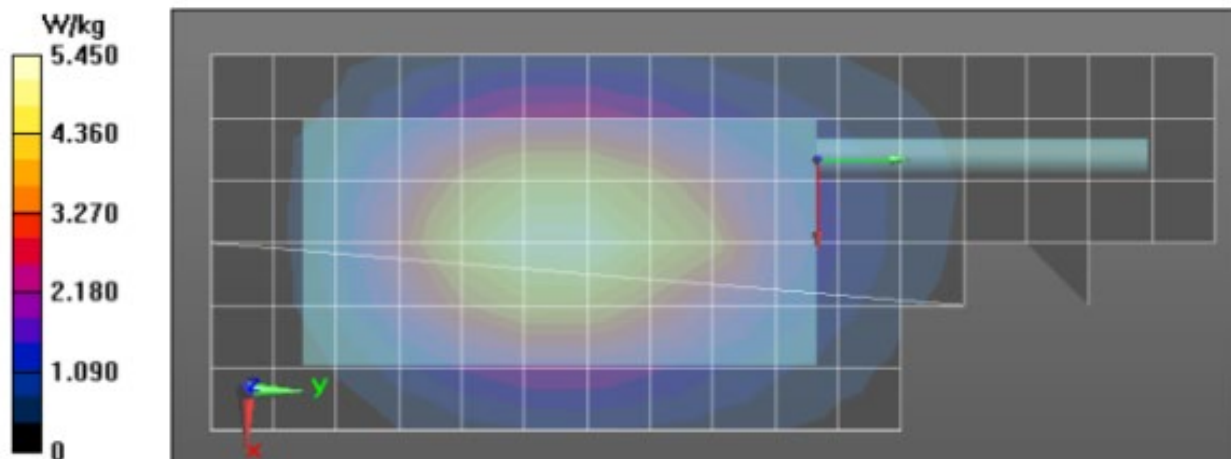
Peak SAR (extrapolated) = 5.92 W/kg

SAR(1 g) = 4.46 W/kg; SAR(10 g) = 3.22 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.28 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) = 5.14 W/kg



Assessments at the Body - Table 20

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/27/2018 1:18:53 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180827-11
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: DFLTQU4NJE
Antenna: 85012069001
Test Freq: 809.000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0386A
Audio Acc: None
Start Power: 1.90 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018

Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 48.53 V/m; Power Drift = -0.48 dB

Fast SAR: SAR(1 g) = 2.73 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.33 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 = 48.53 V/m; Power Drift = -0.65 dB

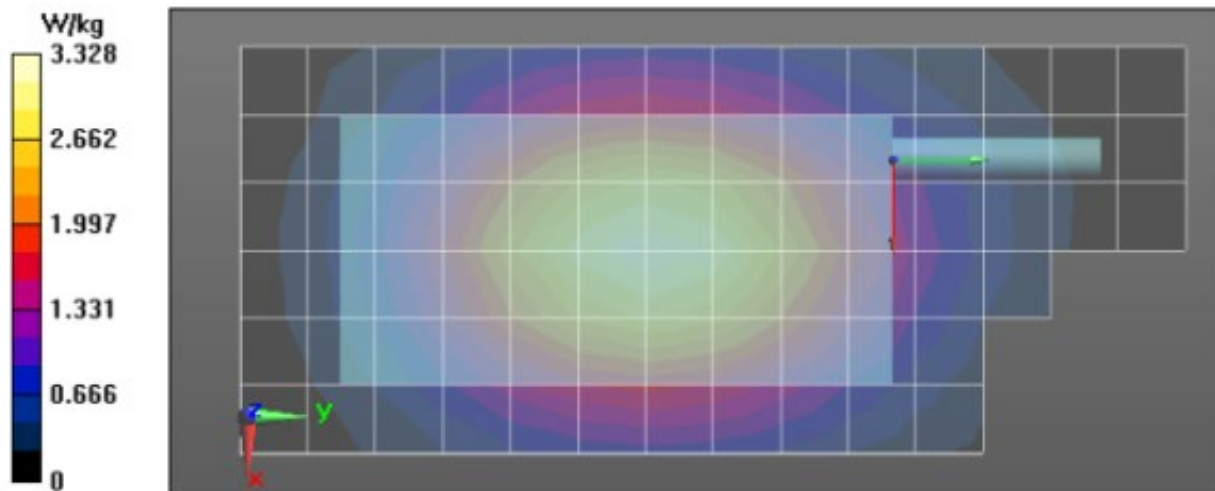
Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.91 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.10 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) = 3.03 W/kg



Assessments at the Body - Table 21

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/28/2018 2:36:22 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180828-04#
 Model#: PMUF1703A
 Phantom#: ELI4 1028
 Tissue Temp: 20.8 (C)
 Serial#: DFLTQU4NJE
 Antenna: 85012070001
 Test Freq: 809.000 (MHz)
 Battery: NNTN8020B
 Carry Acc: PMLN5004B w/GMDN0445AA
 Audio Acc: None
 Start Power: 1.87 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 43.17 V/m; Power Drift = -0.62 dB

Fast SAR: SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.35 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.43 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 = 43.17 V/m; Power Drift = -0.91 dB

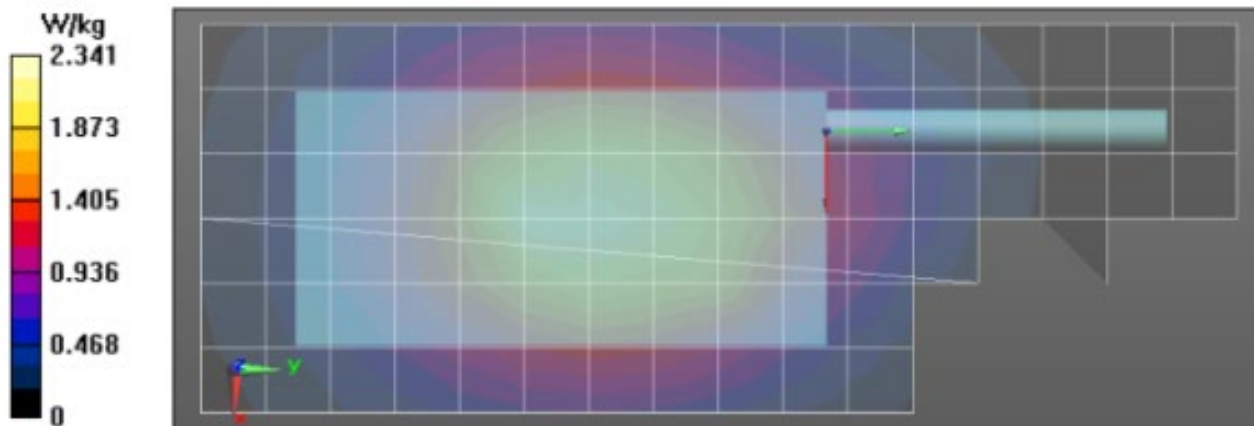
Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 1.36 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.43 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) = 2.32 W/kg



Assessments at the Body - Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/27/2018 7:37:51 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180827-20
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.8 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0566AC
Audio Acc: None
Start Power: 1.87 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 32.81 V/m; Power Drift = -0.60 dB

Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.852 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.47 W/kg

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

Reference Value = 32.81 V/m; Power Drift = -0.57 dB

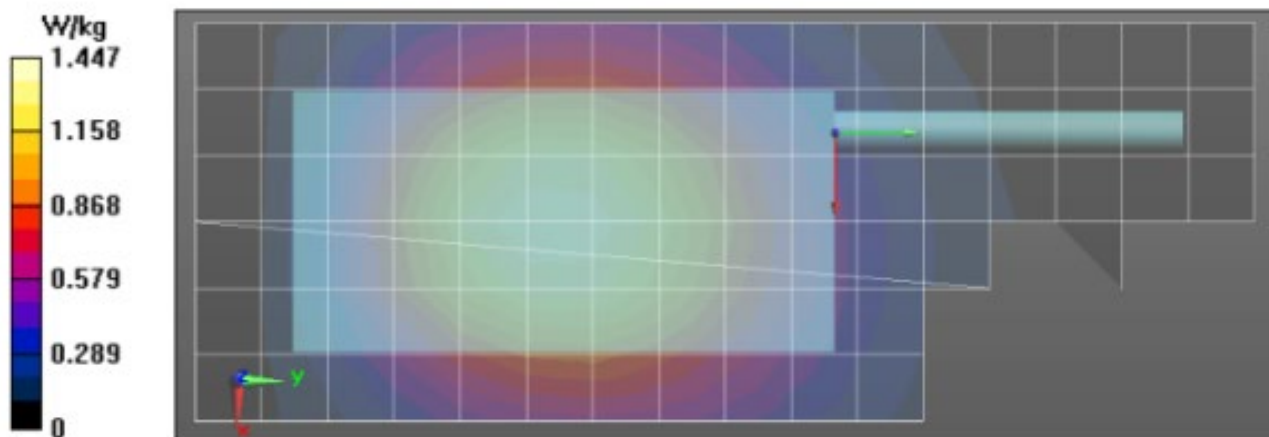
Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.885 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.41 W/kg

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

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



Assessments at the Body - Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/27/2018 11:52:35 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180827-24
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.5 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0547A
Audio Acc: None
Start Power: 1.87 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 42.25 V/m; Power Drift = -0.46 dB

Fast SAR: SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.36 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 = 42.25 V/m; Power Drift = -0.65 dB

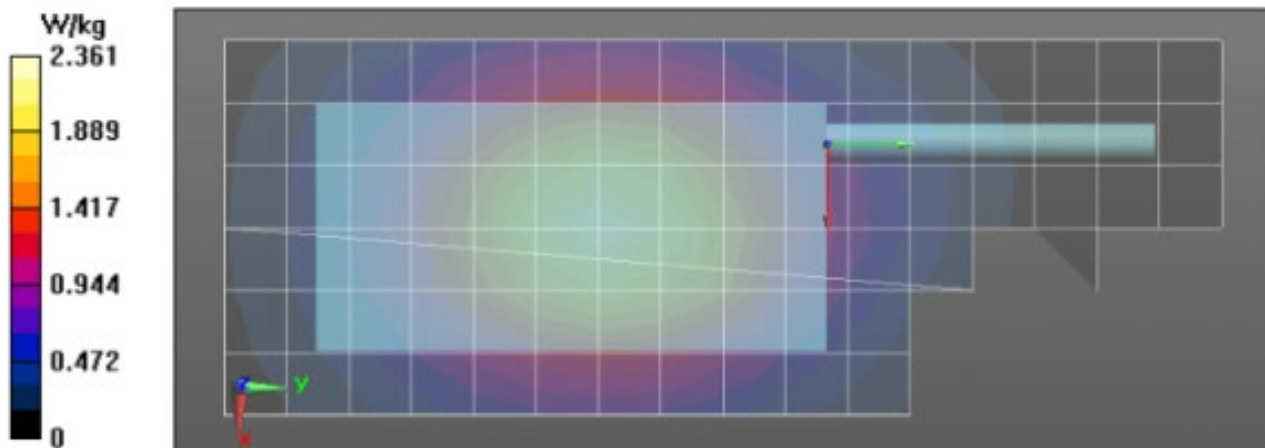
Peak SAR (extrapolated) = 2.82 W/kg

SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.34 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.40 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) = 2.32 W/kg



Assessments at the Body - Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/28/2018 10:05:58 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180828-10
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0445AC
Audio Acc: None
Start Power: 1.89 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 39.32 V/m; Power Drift = -0.65 dB

Fast SAR: SAR(1 g) = 1.55 W/kg; SAR(10 g) = 1.09 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.88 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 = 39.32 V/m; Power Drift = -0.88 dB

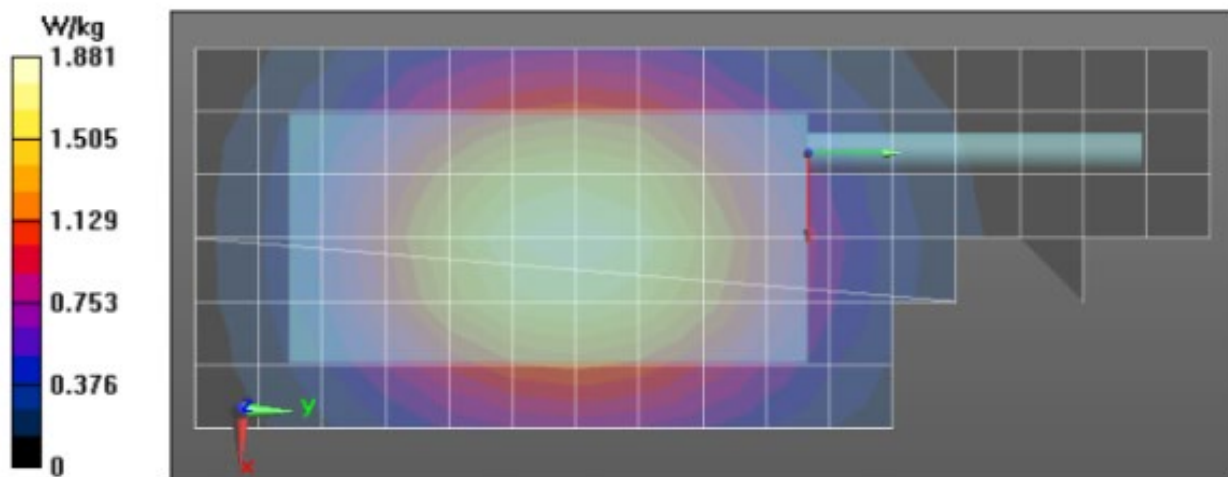
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.78 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) = 1.74 W/kg



Assessments at the Body - Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/28/2018 2:53:55 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180828-14
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0497A
Audio Acc: None
Start Power: 1.89 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 47.08 V/m; Power Drift = -0.59 dB

Fast SAR: SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.74 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 = 47.08 V/m; Power Drift = -0.71 dB

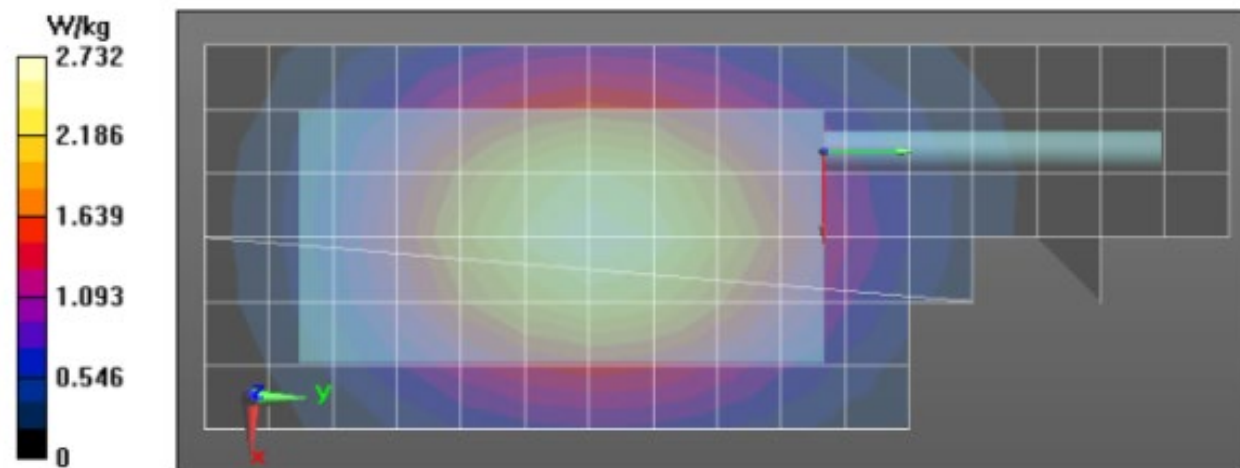
Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.56 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) = 2.59 W/kg



Assessments at the Body - Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/28/2018 5:15:16 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180828-18
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.7 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/WALN4307A
Audio Acc: None
Start Power: 1.89 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 46.59 V/m; Power Drift = -0.55 dB

Fast SAR: SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.48 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.57 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 = 46.59 V/m; Power Drift = -0.73 dB

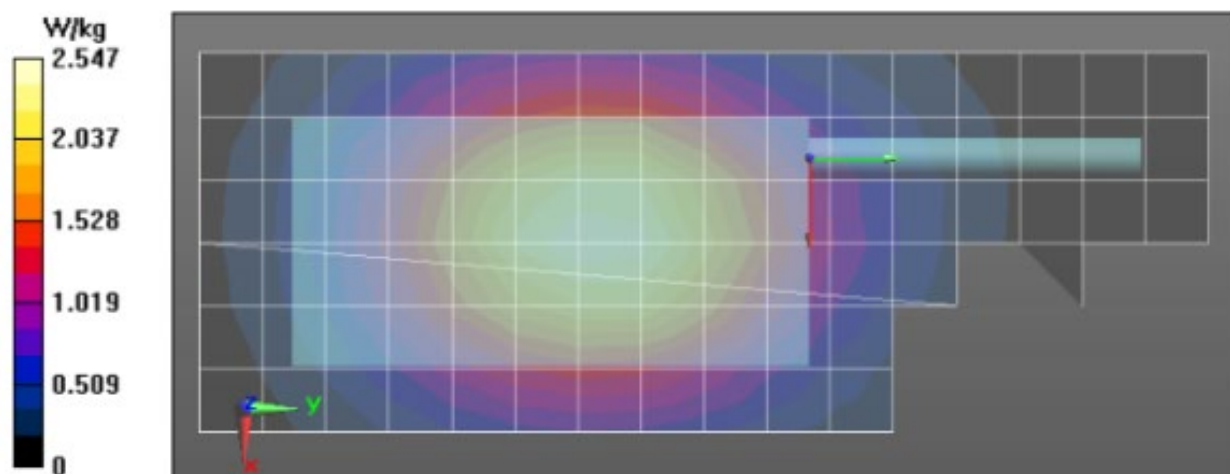
Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.49 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.40 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) = 2.33 W/kg



Assessments at the Body - Table 27

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/28/2018 10:56:27 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180828-25
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 824.000 (MHz)
Battery: NNTN8020B
Carry Acc: HLN6602A
Audio Acc: None
Start Power: 1.88 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 824$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 824 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 65.97 V/m; Power Drift = -0.58 dB

Fast SAR: SAR(1 g) = 5.5 W/kg; SAR(10 g) = 3.81 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 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 = 65.97 V/m; Power Drift = -0.80 dB

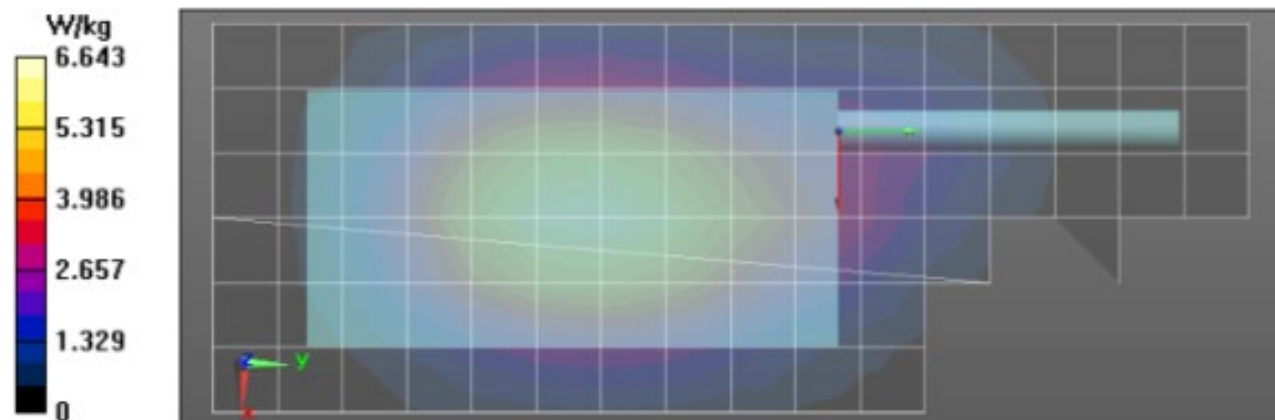
Peak SAR (extrapolated) = 7.06 W/kg

SAR(1 g) = 5.34 W/kg; SAR(10 g) = 3.87 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.31 W/kg

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

Maximum value of SAR (measured) = 6.14 W/kg



Assessments at the Body - Table 28

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/29/2018 8:18:50 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180829-20
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.2 (C)
Serial#: DFLTQU4NJE
Antenna: 85012069001
Test Freq: 816.5000 (MHz)
Battery: NNTN8023C
Carry Acc: RLN4570A
Audio Acc: None
Start Power: 1.93 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 817$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 816.5 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 70.21 V/m; Power Drift = -0.68 dB

Fast SAR: SAR(1 g) = 5.54 W/kg; SAR(10 g) = 3.81 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.76 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 = 70.21 V/m; Power Drift = -0.93 dB

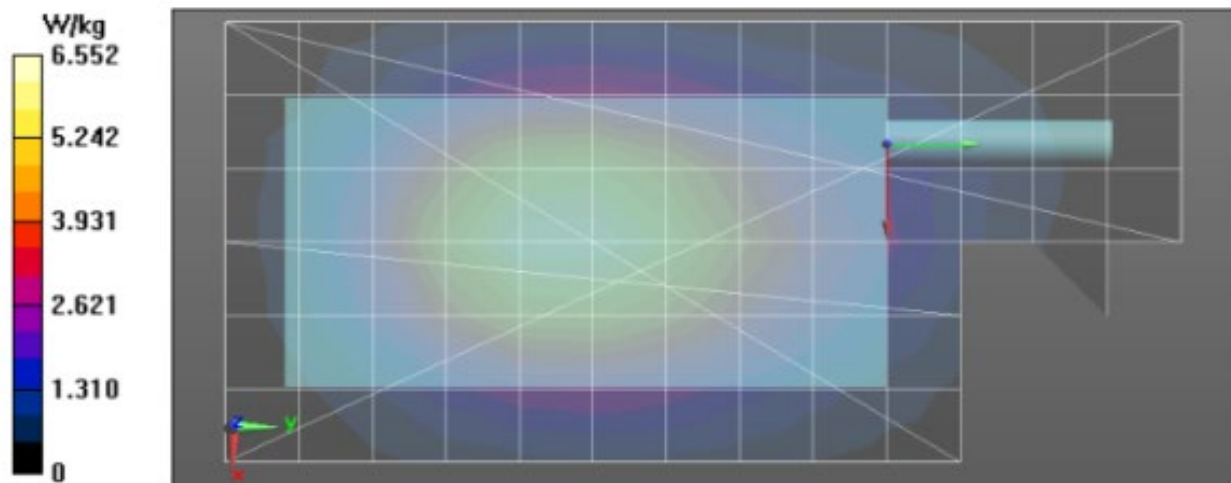
Peak SAR (extrapolated) = 6.91 W/kg

SAR(1 g) = 5.29 W/kg; SAR(10 g) = 3.86 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.20 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) = 6.06 W/kg



Assessments at the Body - Table 29

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/30/2018 1:41:33 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180830-03#
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 19.9 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.0000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5885B
Audio Acc: None
Start Power: 1.93 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 31.84 V/m; Power Drift = -0.69 dB

Fast SAR: SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.738 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.27 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 = 31.84 V/m; Power Drift = -0.92 dB

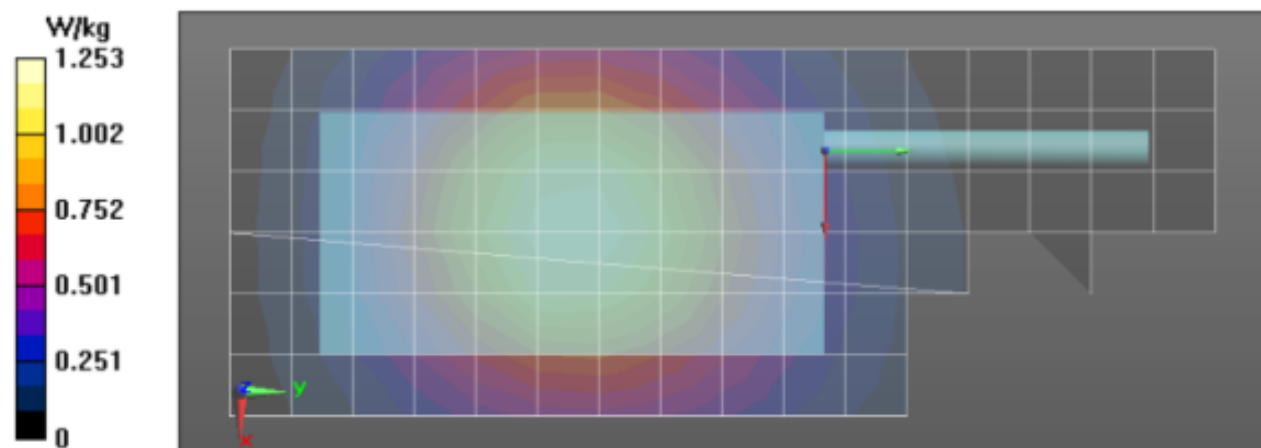
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.742 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.17 W/kg

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

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



Assessments at the Body - Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/30/2018 9:14:47 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180830-07
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: DFLTQU4NJE
Antenna: 85012069001
Test Freq: 809.0000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5887B
Audio Acc: None
Start Power: 1.92 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 33.10 V/m; Power Drift = -0.61 dB

Fast SAR: SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.669 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.15 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 = 33.10 V/m; Power Drift = -0.77 dB

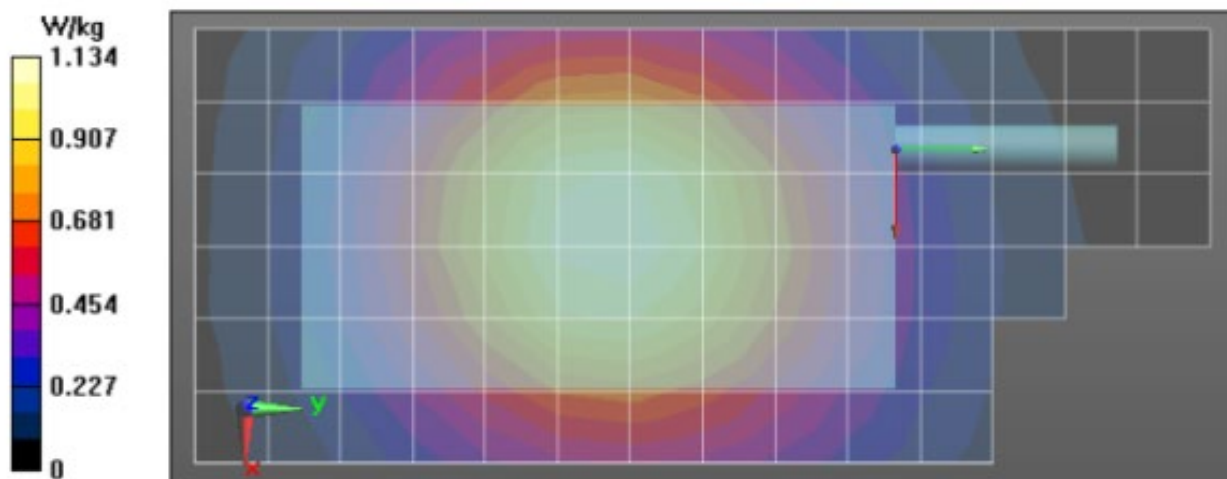
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.681 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.08 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) = 1.05 W/kg



Assessments at the Body - Table 31

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/30/2018 1:36:16 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180830-11
 Model#: PMUF1703A
 Phantom#: ELI4 1028
 Tissue Temp: 20.9 (C)
 Serial#: DFLTQU4NJE
 Antenna: 85012069001
 Test Freq: 809.0000 (MHz)
 Battery: NNTN8020B
 Carry Acc: PMLN5004B w/PMLN7961A
 Audio Acc: None
 Start Power: 1.91 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 809$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.91, 10.91, 10.91); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 43.90 V/m; Power Drift = -0.64 dB

Fast SAR: SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.48 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.56 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 = 43.90 V/m; Power Drift = -0.78 dB

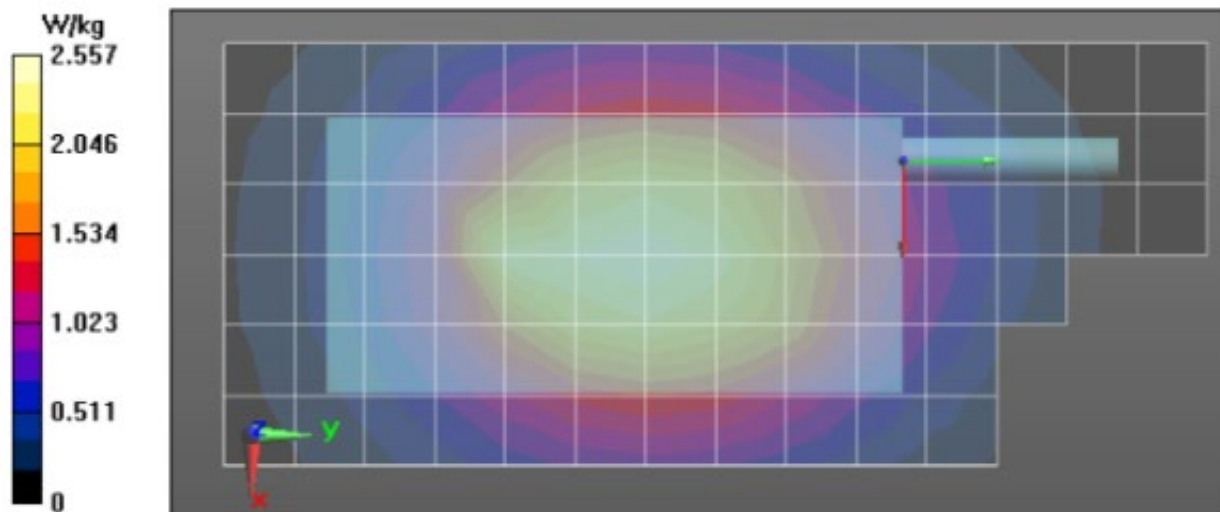
Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.51 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.41 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) = 2.34 W/kg



Assessments at the Body - Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/6/2018 9:31:08 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180906-09
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 22.3 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 824.0000 (MHz)
Battery: NNTN8020B
Carry Acc: HLN6602A
Audio Acc: PMMN4072A
Start Power: 2.00 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 824$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 824 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 35.33 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)

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

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

Reference Value = 35.33 V/m; Power Drift = -0.20 dB

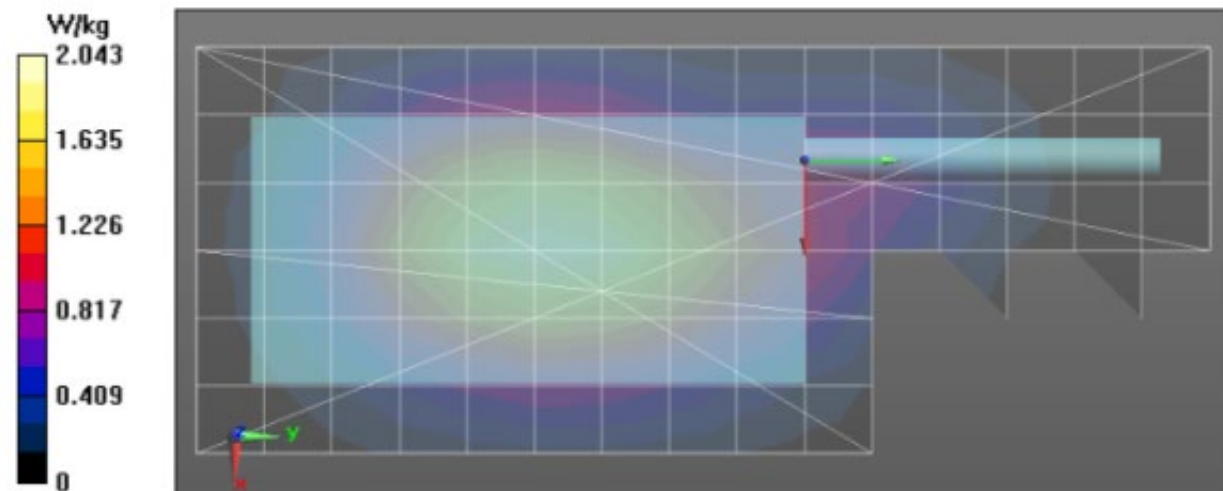
Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.26 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 33

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/6/2018 10:01:06 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180906-10
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.9 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 824.0000 (MHz)
Battery: NNTN8020B
Carry Acc: HLN6602A
Audio Acc: None
Start Power: 2.00 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 824$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 824 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 40.03 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.38 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 = 40.03 V/m; Power Drift = -0.22 dB

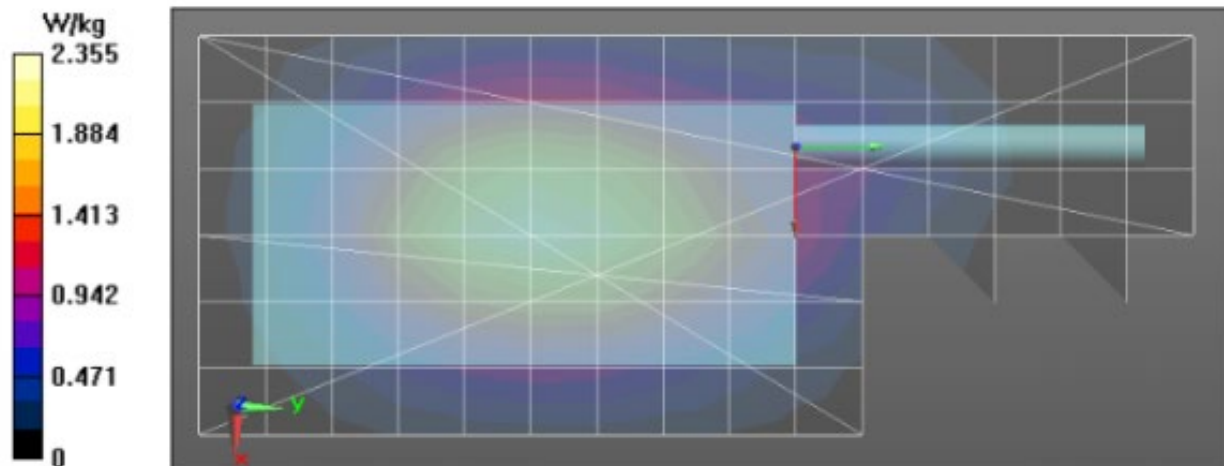
Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.46 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.37 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) = 2.23 W/kg



Assessments at the Face - Table 35

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/17/2018 7:41:45 PM

Robot#: DASY5-PG-1 | Run#: ZR-FACE-180817-14
Model#: PMUF1703A
Phantom#: ELI4 1050
Tissue Temp: 21.2 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.0000 (MHz)
Battery: PMNN4522A
Carry Acc: @ front
Audio Acc: None
Start Power: 1.98 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 24.64 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.386 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.665 W/kg

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

Reference Value = 24.64 V/m; Power Drift = 0.07 dB

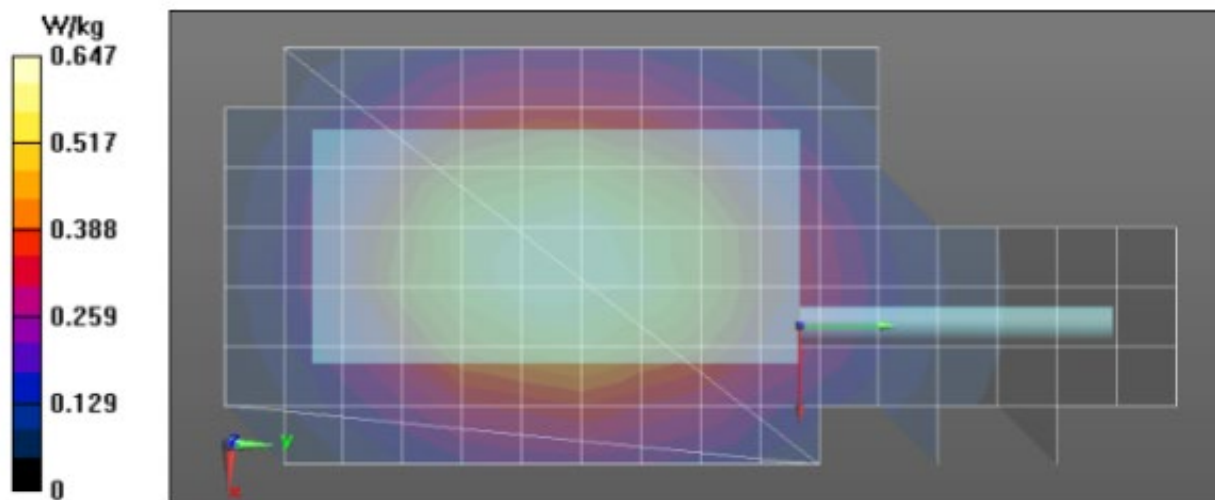
Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.427 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.676 W/kg

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

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



Assessments at the Head - Table 37

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/20/2018 2:39:44 PM

Robot#: DASY5-PG-1 | Run# ZR-LEAR-180820-09
Model#: PMUF1703A
Phantom#: SAMTP 1234
Tissue Temp: 20.6 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.000 (MHz)
Battery: NNTN8023C
Carry Acc: None, Touch
Audio Acc: None
Start Power: 2.00 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Left Ear-Touch position/1-Area Scan (71x151x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Reference Value = 42.89 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 1.83 W/kg; SAR(10 g) = 1.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.27 W/kg

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

Reference Value = 42.89 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 2.49 W/kg

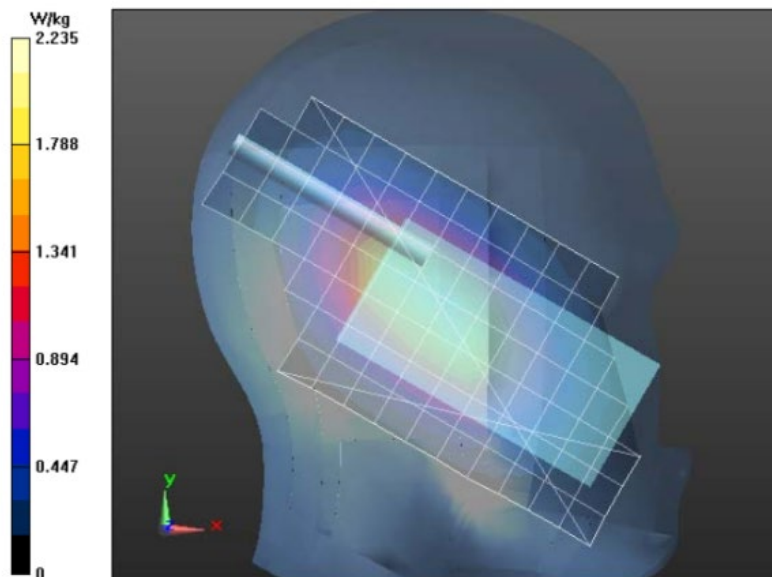
SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.4 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.26 W/kg

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

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

Maximum value of SAR (measured) = 2.15 W/kg



Assessments at the Head - Table 38

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/20/2018 10:58:20 PM

Robot#: DASY5-PG-1 | Run# AZ-REAR-180820-16
Model#: PMUF1703A
Phantom#: SAMTP 1234
Tissue Temp: 20.7 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 809.0000 (MHz)
Battery: PMNN4522A
Carry Acc: None, Touch
Audio Acc: None
Start Power: 2.00 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 809$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 809 MHz, ConvF(10.73, 10.73, 10.73); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Right Ear-Touch Position/1-Area Scan (71x151x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Reference Value = 40.63 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 1.67 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.04 W/kg

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

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

Reference Value = 40.63 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.22 W/kg

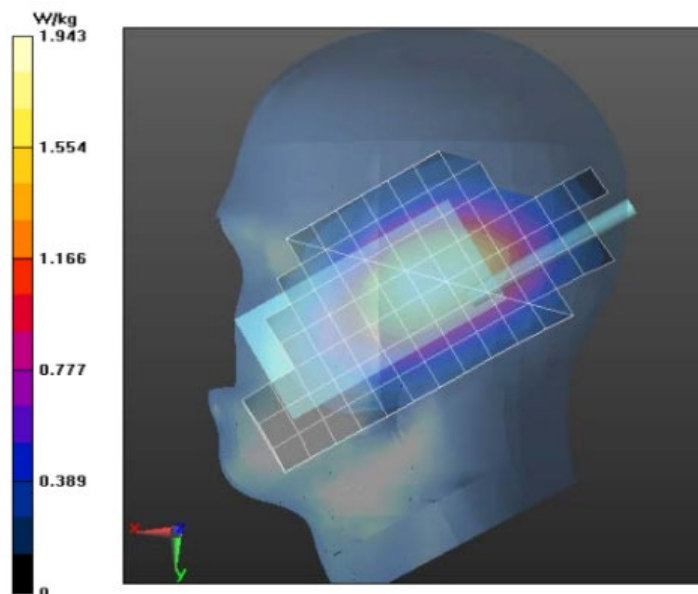
SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.27 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.99 W/kg

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

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

Maximum value of SAR (measured) = 1.90 W/kg



Assessments at the Body - Table 40

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/30/2018 11:06:07 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180830-19
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.4 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 854.0000 (MHz)
Battery: NNTN8020B
Carry Acc: HLN9714A
Audio Acc: None
Start Power: 1.90 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 854$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 854 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 57.21 V/m; Power Drift = -0.64 dB

Fast SAR: SAR(1 g) = 5.24 W/kg; SAR(10 g) = 3.55 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.46 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 = 57.21 V/m; Power Drift = -0.75 dB

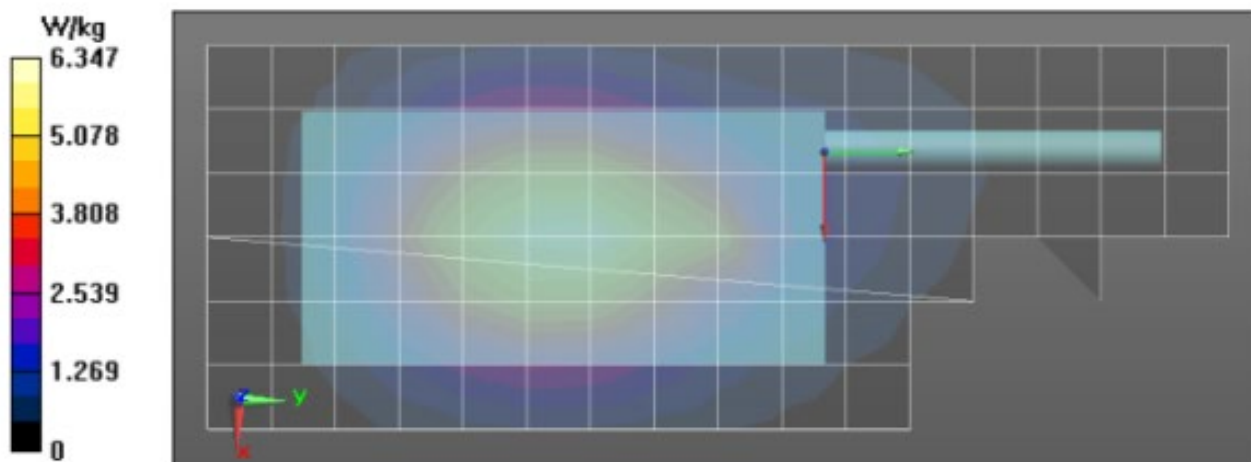
Peak SAR (extrapolated) = 6.69 W/kg

SAR(1 g) = 5 W/kg; SAR(10 g) = 3.61 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.95 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) = 5.97 W/kg



Assessments at the Body - Table 41

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/2/2018 7:10:58 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180902-02
 Model#: PMUF1703A
 Phantom#: ELI4 1028
 Tissue Temp: 21.2 (C)
 Serial#: DFLTQU4NJE
 Antenna: 85012070001
 Test Freq: 869.0000 (MHz)
 Battery: NNTN8020B
 Carry Acc: PMLN5616B
 Audio Acc: None
 Start Power: 1.90 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 869$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 869 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 57.72 V/m; Power Drift = -0.69 dB

Fast SAR: SAR(1 g) = 5.47 W/kg; SAR(10 g) = 3.73 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.70 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 = 57.72 V/m; Power Drift = -0.85 dB

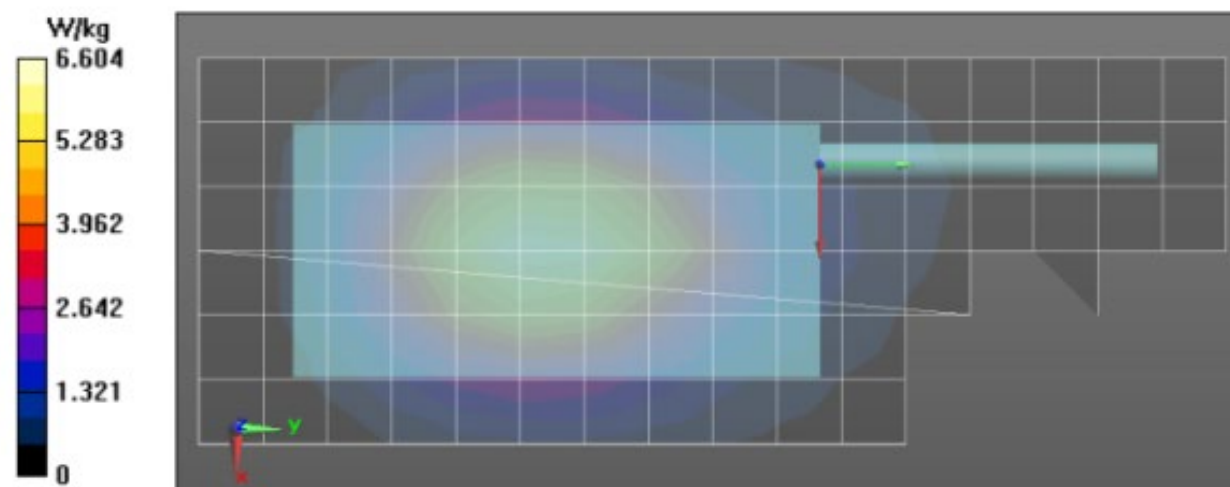
Peak SAR (extrapolated) = 7.14 W/kg

SAR(1 g) = 5.37 W/kg; SAR(10 g) = 3.84 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) = 6.16 W/kg



Assessments at the Body - Table 42

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/2/2018 8:36:21 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180902-16
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.7 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0386A
Audio Acc: None
Start Power: 1.89 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 53.19 V/m; Power Drift = -0.50 dB

Fast SAR: SAR(1 g) = 3.1 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.78 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 = 53.19 V/m; Power Drift = -0.56 dB

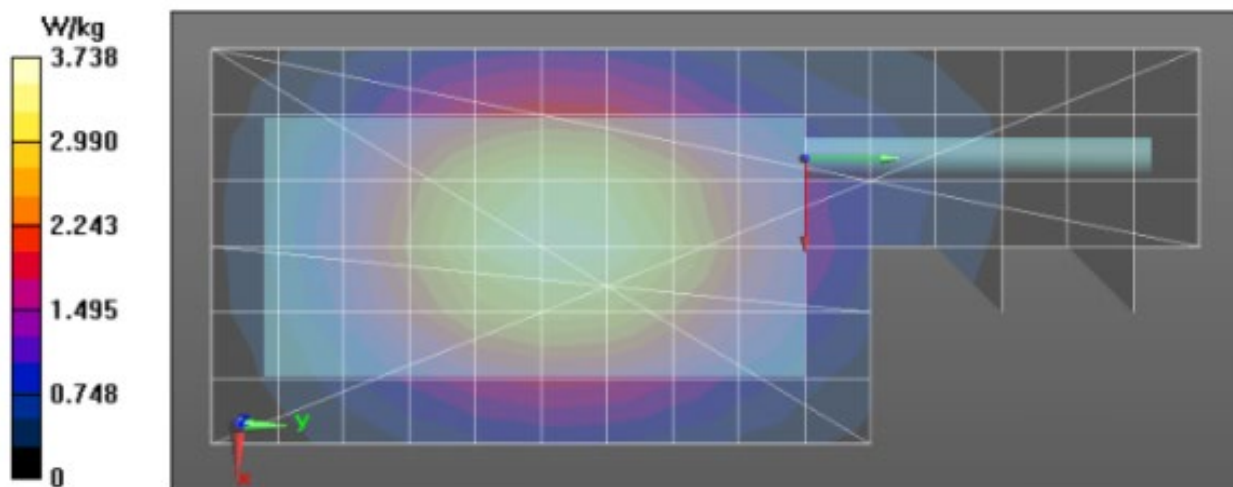
Peak SAR (extrapolated) = 3.96 W/kg

SAR(1 g) = 3.04 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.55 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) = 3.57 W/kg



Assessments at the Body - Table 43

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/2/2018 11:26:57 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180902-20
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.7 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0445AA
Audio Acc: None
Start Power: 1.91 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 44.04 V/m; Power Drift = -0.53 dB

Fast SAR: SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.90 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 = 44.04 V/m; Power Drift = -0.57 dB

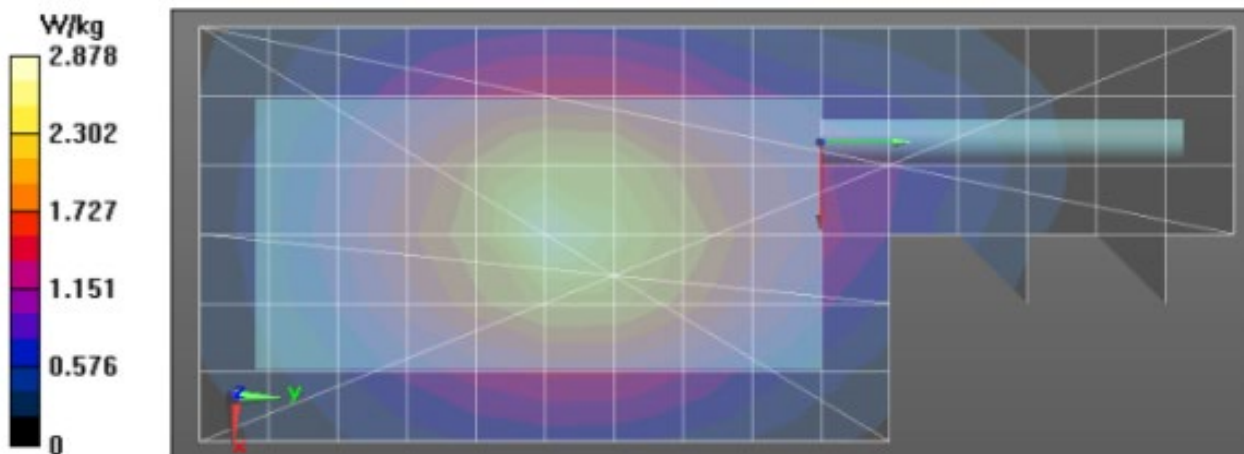
Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.68 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) = 2.67 W/kg



Assessments at the Body - Table 44

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/3/2018 2:44:48 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180903-04#
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.6 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0566AC
Audio Acc: None
Start Power: 1.92 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 37.70 V/m; Power Drift = -0.53 dB

Fast SAR: SAR(1 g) = 1.62 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.97 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 = 37.70 V/m; Power Drift = -0.57 dB

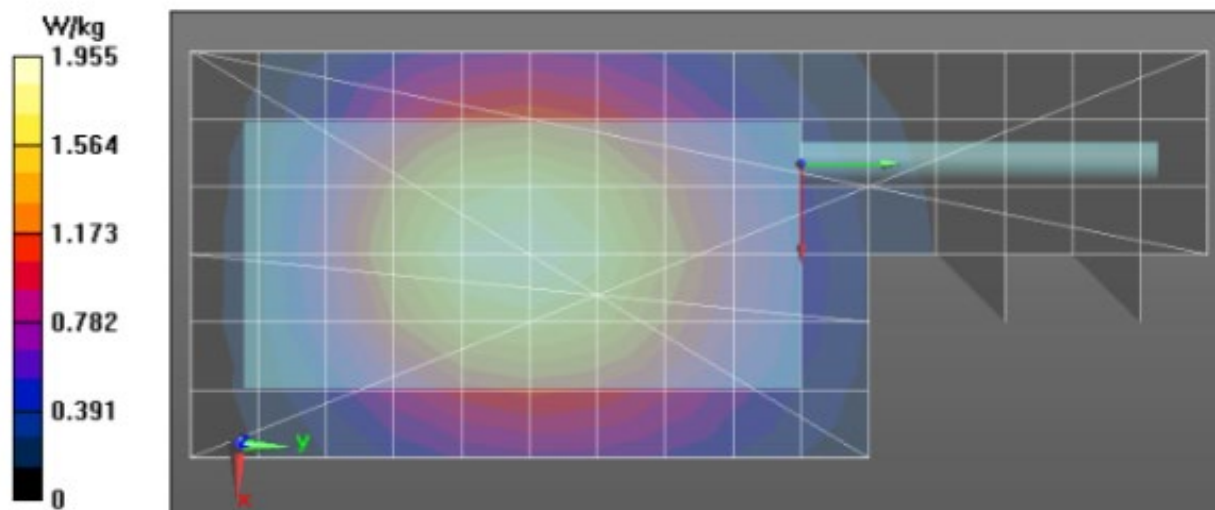
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.57 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.84 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) = 1.82 W/kg



Assessments at the Body - Table 45

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/3/2018 9:58:36 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180903-09
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.8 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0547A
Audio Acc: None
Start Power: 1.90 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 43.36 V/m; Power Drift = -0.51 dB

Fast SAR: SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.79 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 = 43.36 V/m; Power Drift = -0.67 dB

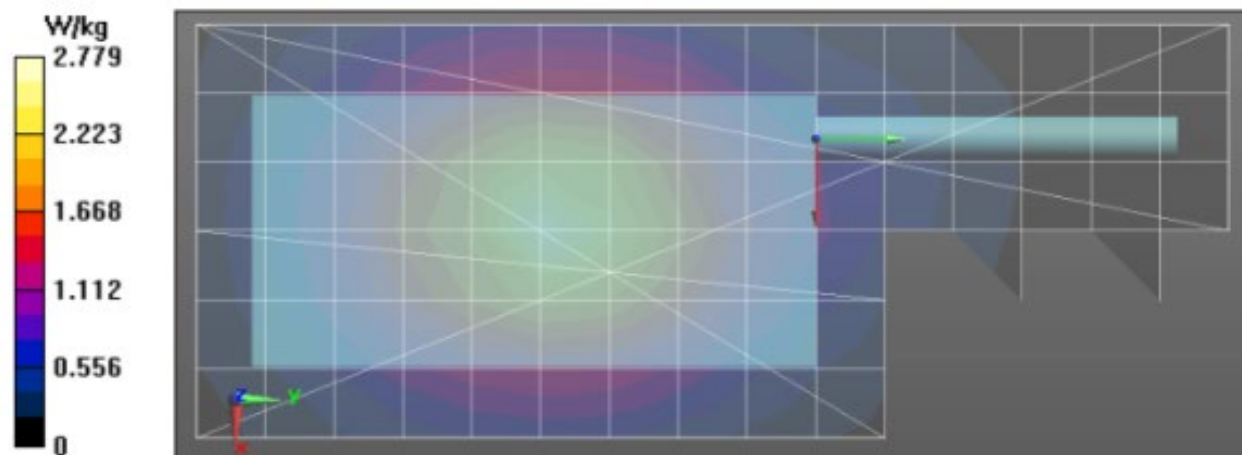
Peak SAR (extrapolated) = 3.09 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.62 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) = 2.70 W/kg



Assessments at the Body - Table 46

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/3/2018 1:51:10 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180903-13
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0445AC
Audio Acc: None
Start Power: 1.91 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 40.09 V/m; Power Drift = -0.56 dB

Fast SAR: SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.11 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 = 40.09 V/m; Power Drift = -0.65 dB

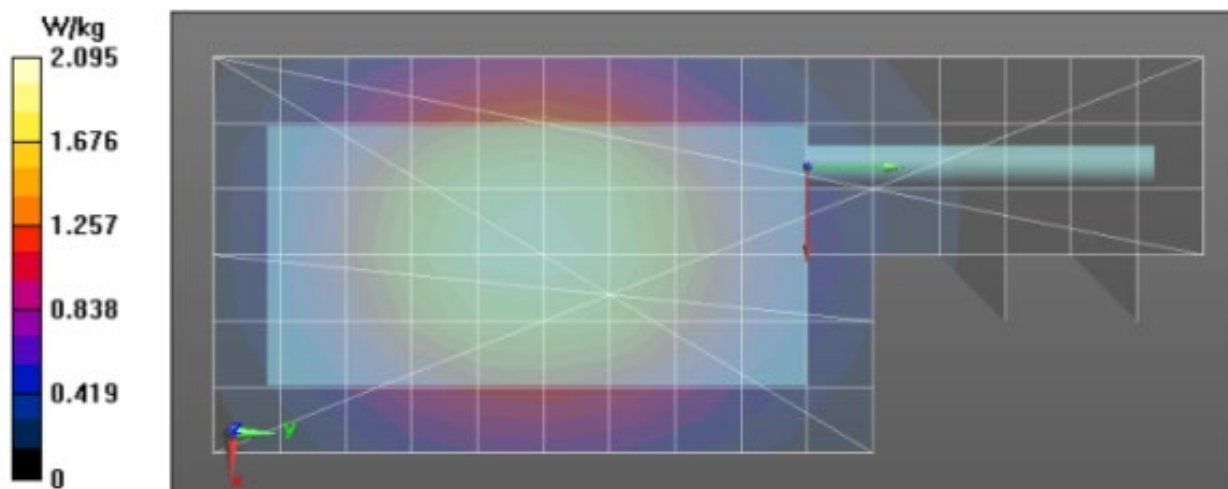
Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.71 W/kg; SAR(10 g) = 1.27 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.99 W/kg

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

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



Assessments at the Body - Table 47

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/3/2018 8:15:21 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180903-17
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.6 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/GMDN0497A
Audio Acc: None
Start Power: 1.91 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 48.27 V/m; Power Drift = -0.60 dB

Fast SAR: SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.76 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.08 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 = 48.27 V/m; Power Drift = -0.69 dB

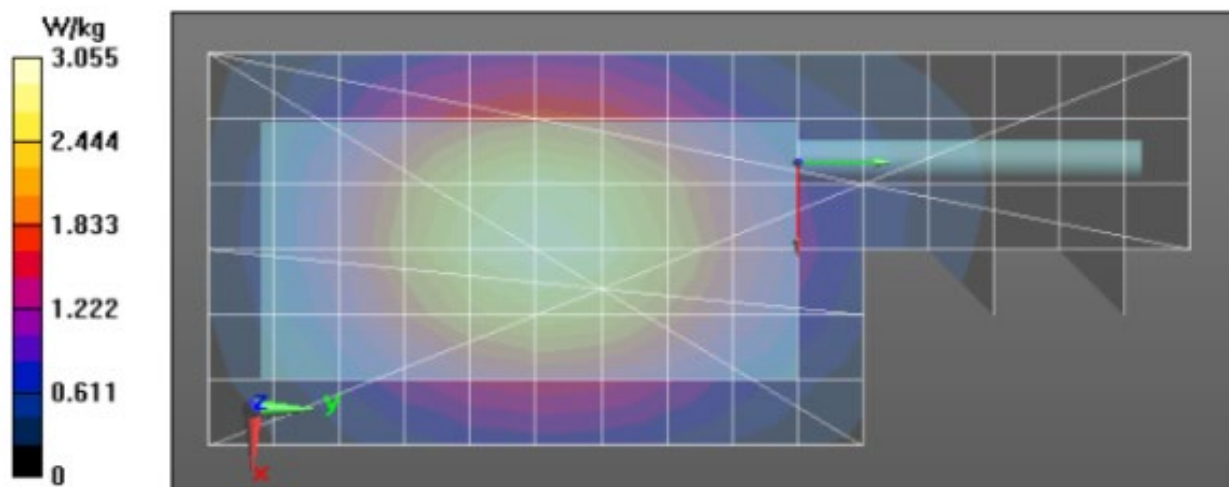
Peak SAR (extrapolated) = 3.30 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.83 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.96 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) = 2.93 W/kg



Assessments at the Body - Table 48

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/3/2018 11:08:51 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180903-21
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.6 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/WALN4307A
Audio Acc: None
Start Power: 1.90 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 46.16 V/m; Power Drift = -0.48 dB

Fast SAR: SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.85 W/kg

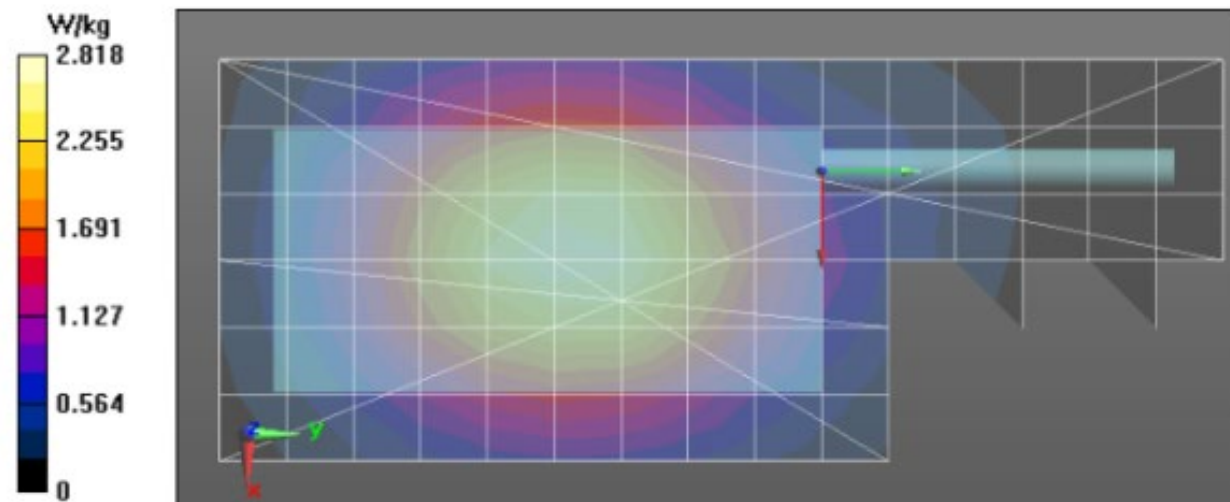
Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 46.16 V/m; Power Drift = -0.55 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.67 W/kg

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

Assessments at the Body - Table 49

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/4/2018 10:49:11 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180904-10
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.4 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 869.0000 (MHz)
Battery: NNTN8020B
Carry Acc: HLN6602A
Audio Acc: None
Start Power: 1.92 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 869$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 869 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 64.05 V/m; Power Drift = -0.69 dB

Fast SAR: SAR(1 g) = 5.69 W/kg; SAR(10 g) = 3.9 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.95 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 = 64.05 V/m; Power Drift = -0.86 dB

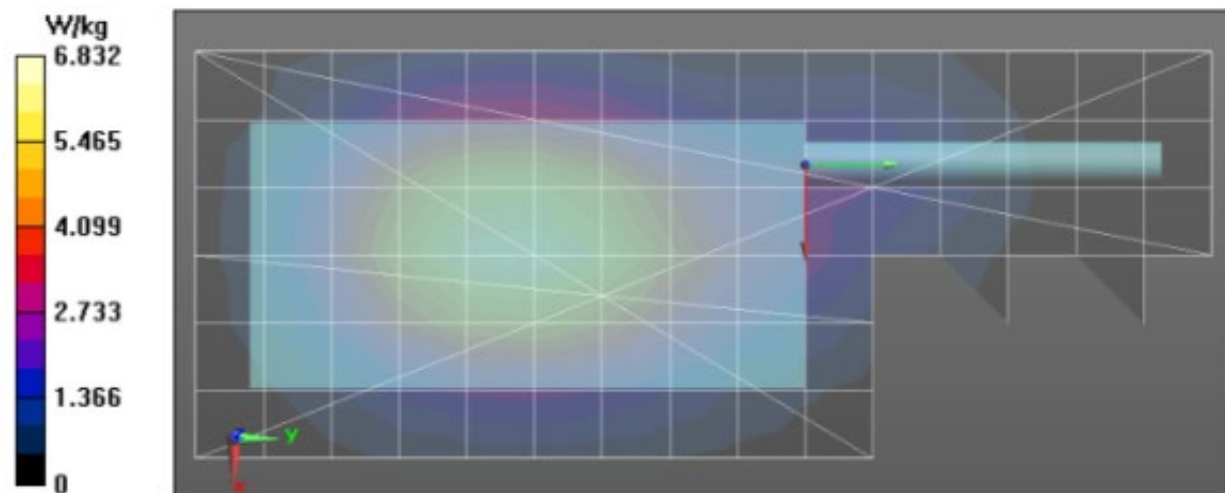
Peak SAR (extrapolated) = 7.20 W/kg

SAR(1 g) = 5.44 W/kg; SAR(10 g) = 3.92 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.45 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) = 6.29 W/kg



Assessments at the Body - Table 50

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/4/2018 11:51:21 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180904-22
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.5 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 869.0000 (MHz)
Battery: NNTN8020B
Carry Acc: RLN4570A
Audio Acc: None
Start Power: 1.90 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 869$ MHz; $\sigma = 1.04$ S/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 869 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 68.94 V/m; Power Drift = -0.65 dB

Fast SAR: SAR(1 g) = 5.66 W/kg; SAR(10 g) = 3.88 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.92 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 = 68.94 V/m; Power Drift = -0.88 dB

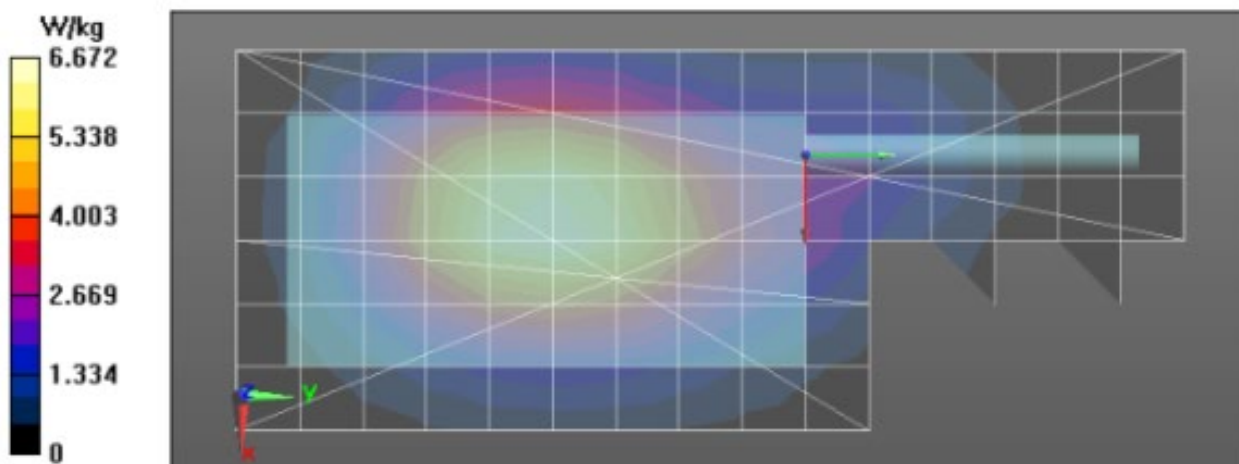
Peak SAR (extrapolated) = 7.11 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 3.94 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.37 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) = 6.21 W/kg



Assessments at the Body - Table 51

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/5/2018 9:59:00 AM

Robot#:	DASY5-PG-1	Run#:	ZR-AB-180905-11
Model#:	PMUF1703A		
Phantom#:	ELI4 1028		
Tissue Temp:	21.1 (C)		
Serial#:	DFLTQU4NJE		
Antenna:	85012070001		
Test Freq:	861.5000 (MHz)		
Battery:	NNTN8020B		
Carry Acc:	PMLN5885B		
Audio Acc:	None		
Start Power:	1.91 (W)		

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 31.59 V/m; Power Drift = -0.52 dB

Fast SAR: SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.853 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.49 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 = 31.59 V/m; Power Drift = -0.75 dB

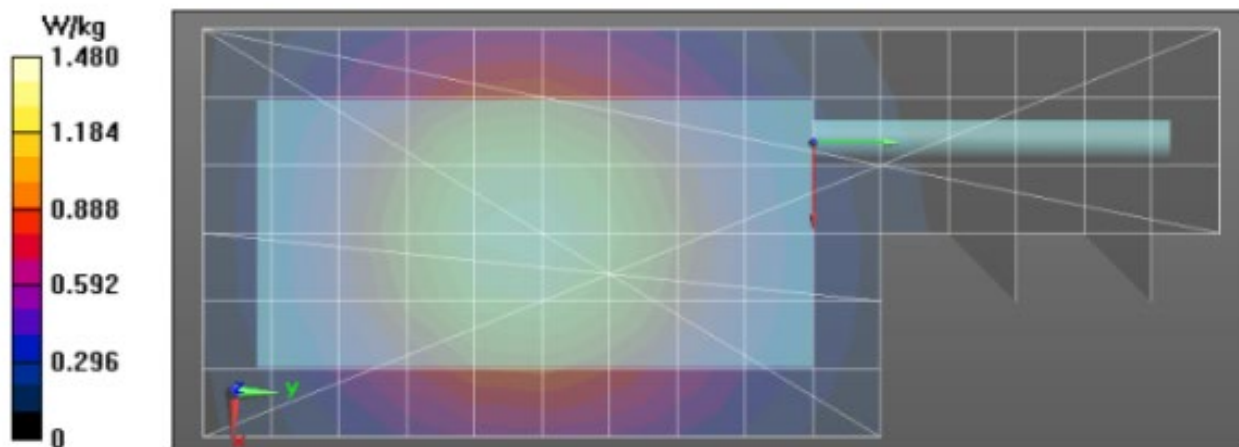
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.870 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.38 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) = 1.34 W/kg



Assessments at the Body - Table 52

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/5/2018 8:33:00 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180905-17
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5887B
Audio Acc: None
Start Power: 1.93 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 32.17 V/m; Power Drift = -0.46 dB

Fast SAR: SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.773 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.35 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 = 32.17 V/m; Power Drift = -0.63 dB

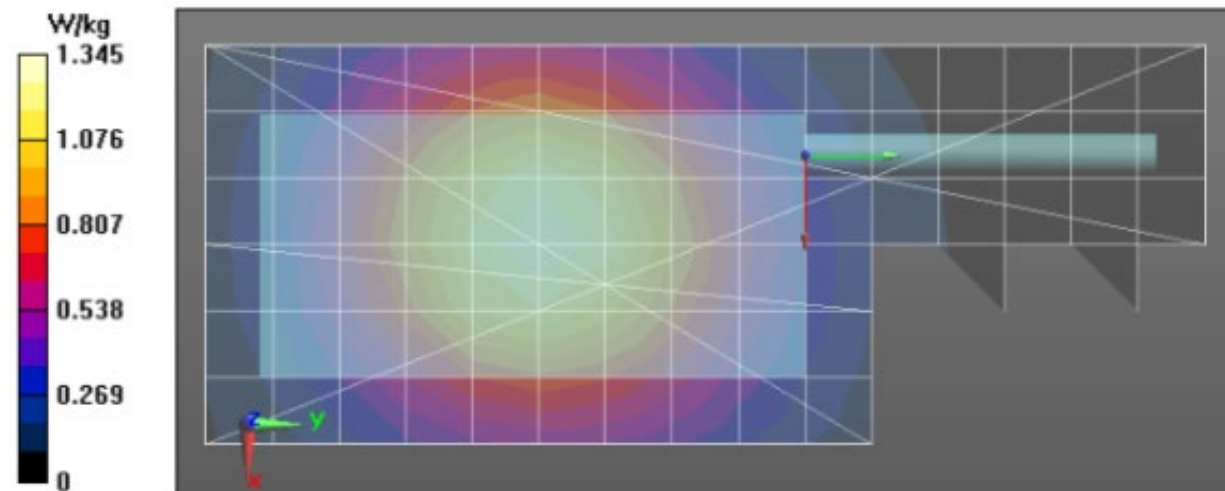
Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.795 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.26 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) = 1.23 W/kg



Assessments at the Body - Table 53

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/6/2018 3:00:35 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-180906-05#
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 20.5 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8020B
Carry Acc: PMLN5004B w/PMLN7961A
Audio Acc: None
Start Power: 1.93 (W)

Comments:

Duty Cycle: 1:1.50003, Medium parameters used: $f = 862$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 46.08 V/m; Power Drift = -0.49 dB

Fast SAR: SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.75 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.14 W/kg

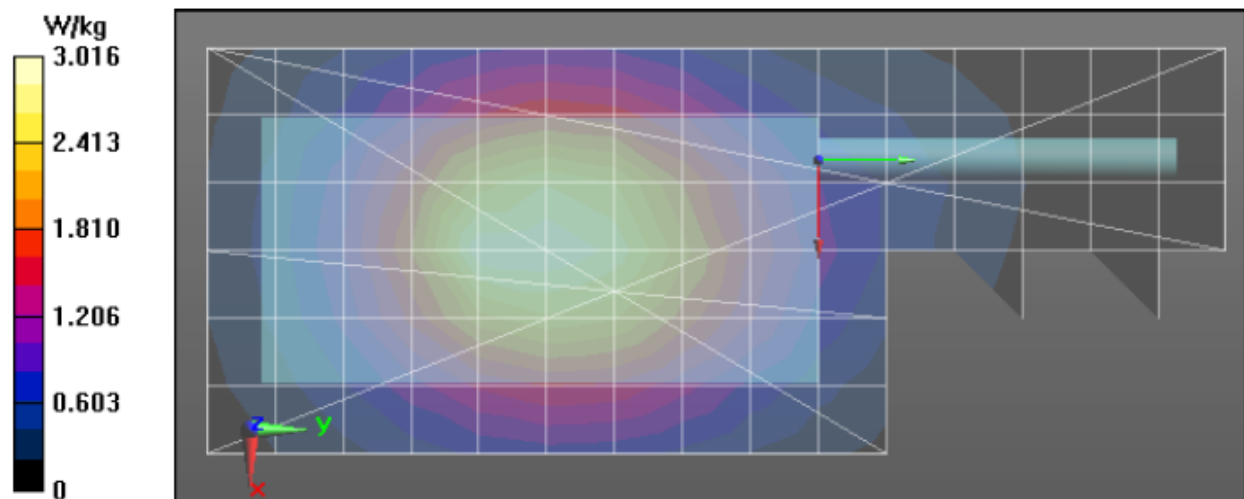
Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 46.08 V/m; Power Drift = -0.60 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.77 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.84 W/kg

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

Assessments at the Body - Table 54

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/6/2018 10:35:42 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180906-11
Model#: PMUF1703A
Phantom#: ELI4 1028
Tissue Temp: 21.9 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 869.0000 (MHz)
Battery: NNTN8020B
Carry Acc: RLN4570A
Audio Acc: PMMN4072A
Start Power: 2.00 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 869$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 869 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 36.96 V/m; Power Drift = -0.21 dB

Fast SAR: SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)

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

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

Reference Value = 36.96 V/m; Power Drift = -0.21 dB

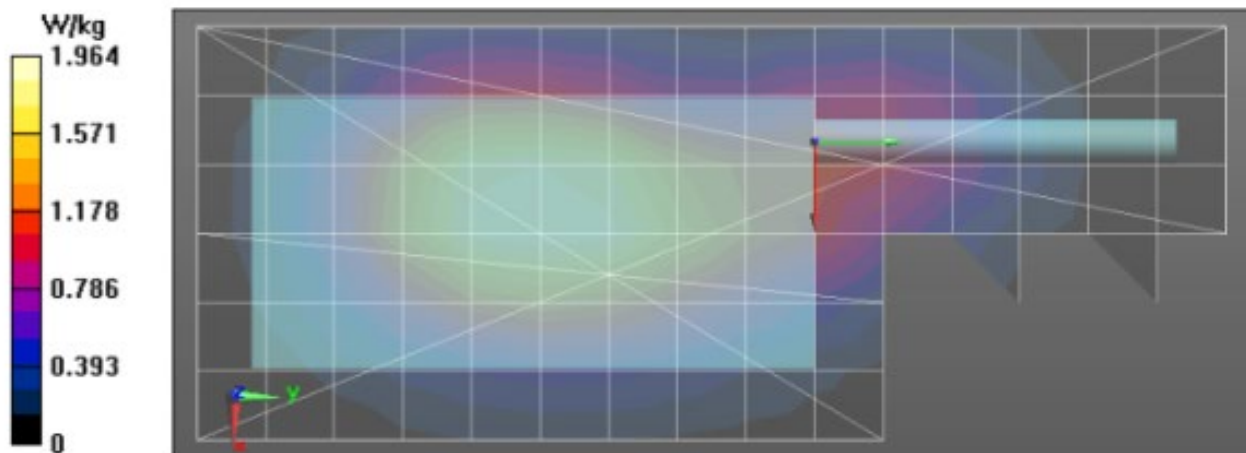
Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 1.79 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.13 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) = 2.16 W/kg



Assessments at the Body - Table 55

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/6/2018 11:09:41 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180906-12
 Model#: PMUF1703A
 Phantom#: ELI4 1028
 Tissue Temp: 21.6 (C)
 Serial#: DFLTQU4NJE
 Antenna: 85012070001
 Test Freq: 869.0000 (MHz)
 Battery: NNTN8020B
 Carry Acc: RLN4570A
 Audio Acc: None
 Start Power: 2.00 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 869$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 869 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 40.60 V/m; Power Drift = -0.21 dB

Fast SAR: SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 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 = 40.60 V/m; Power Drift = -0.18 dB

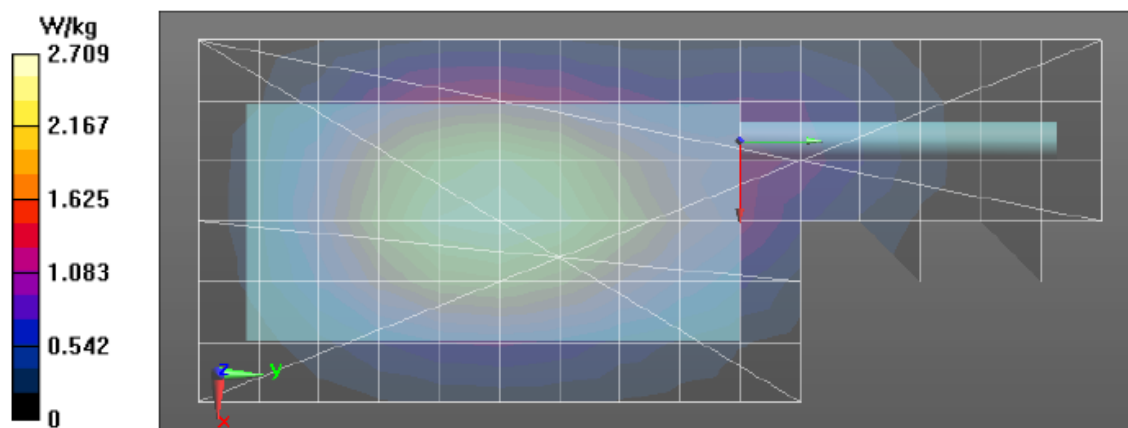
Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.73 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.80 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) = 2.64 W/kg



Assessments at the Face - Table 57

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/18/2018 12:23:50 AM

Robot#: DASY5-PG-1 | Run#: ZR-FACE-180818-01#
Model#: PMUF1703A
Phantom#: ELI4 1050
Tissue Temp: 21.2 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8023C
Carry Acc: @ front
Audio Acc: None
Start Power: 1.99 (W)

Comments:

Duty Cycle: 1:4.54988, Medium parameters used: $f = 862$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 24.04 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.447 W/kg (SAR corrected for target medium)

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

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

Reference Value = 24.04 V/m; Power Drift = 0.10 dB

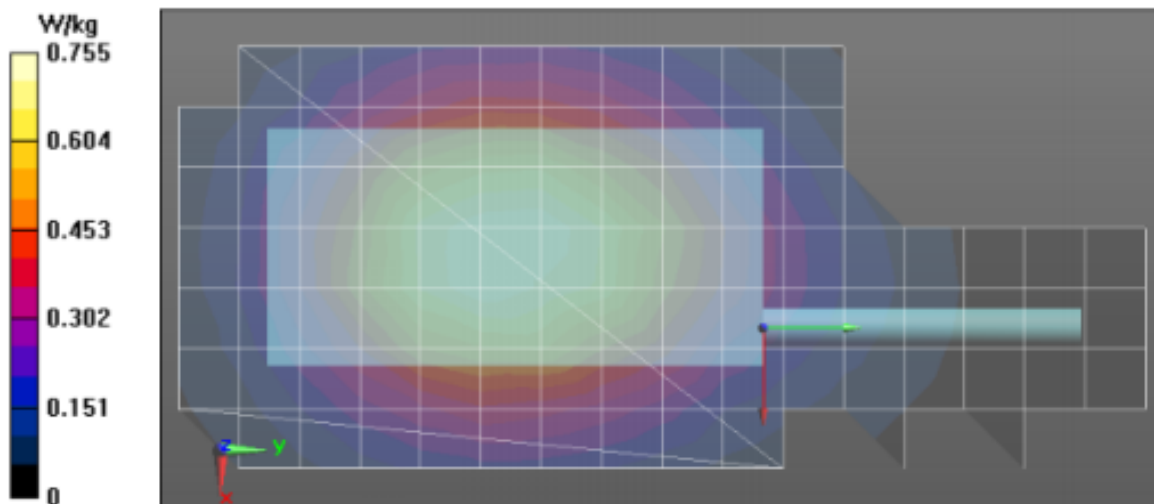
Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.478 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.781 W/kg

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

Maximum value of SAR (measured) = 0.772 W/kg



Assessments at the Head - Table 59

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/20/2018 4:26:14 PM

Robot#: DASY5-PG-1 | Run# ZR-LEAR-180820-10
Model#: PMUF1703A
Phantom#: SAMTP 1234
Tissue Temp: 20.6 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: PMNN4522A
Carry Acc: None, Touch
Audio Acc: None
Start Power: 1.98 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 862$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Left Ear-Touch position/1-Area Scan (71x151x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 42.34 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 1.86 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.28 W/kg

Below 2 GHz-Rev.2/Left Ear-Touch position/3-Zoom Scan (6x6x7)/Cube 0: Measurement

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

Reference Value = 42.34 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.58 W/kg

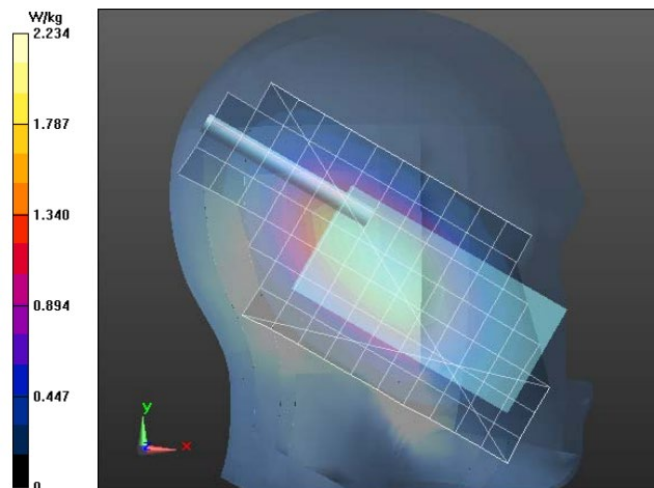
SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.4 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.30 W/kg

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

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

Maximum value of SAR (measured) = 2.20 W/kg



Assessments at the Head - Table 60

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/21/2018 10:07:52 AM

Robot#: DASY5-PG-1 | Run# ZR-REAR-180821-12
Model#: PMUF1703A
Phantom#: SAMTP 1234
Tissue Temp: 20.2 (C)
Serial#: DFLTQU4NJE
Antenna: 85012070001
Test Freq: 861.5000 (MHz)
Battery: NNTN8023C
Carry Acc: None, Touch
Audio Acc: None
Start Power: 1.99 (W)

Comments: Touch

Duty Cycle: 1:4.54988, Medium parameters used: $f = 862$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7364, , Frequency: 861.5 MHz, ConvF(10.16, 10.16, 10.16); Calibrated: 1/17/2018
Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Right Ear-Touch Position/1-Area Scan (71x151x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 39.53 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.08 W/kg

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

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

Reference Value = 39.53 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.33 W/kg

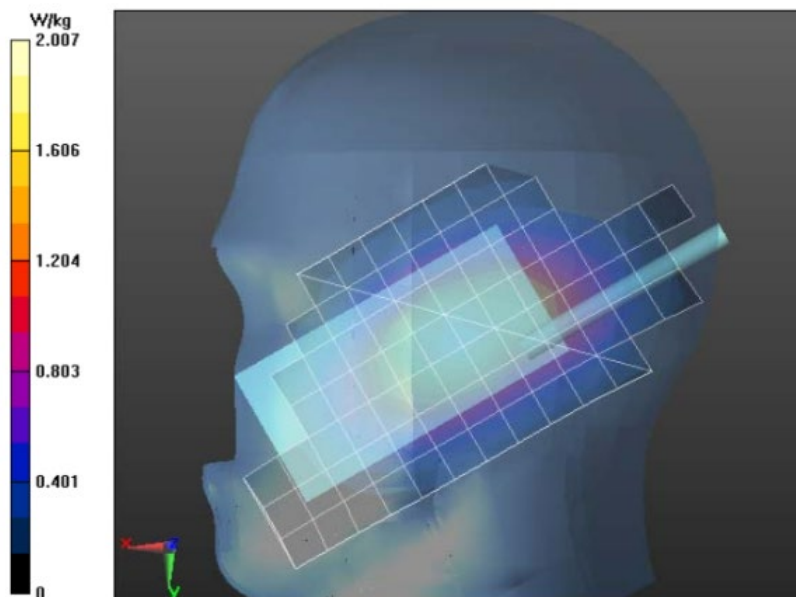
SAR(1 g) = 1.78 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.09 W/kg

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

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

Maximum value of SAR (measured) = 2.11 W/kg



APPENDIX G

Shortened Scan of Highest SAR configuration

Shortened Scan Table 62

Motorola Solutions, Inc. EME Laboratory Date/Time: 9/6/2018 1:26:56 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-180906-13
 Model#: PMUF1703A
 Phantom#: ELI4 1028
 Tissue Temp: 21.5 (C)
 Serial#: DFLTQU4NJE
 Antenna: 85012070001
 Test Freq: 869.0000 (MHz)
 Battery: NNTN8020B
 Carry Acc: RLN4570A
 Audio Acc: None
 Start Power: 1.95(W)

Comments: Shorten Scan

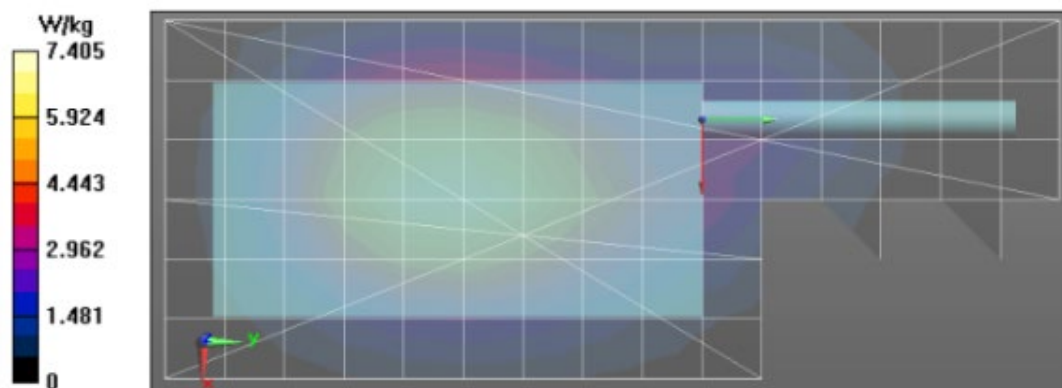
Duty Cycle: 1:1.50003, Medium parameters used: $f = 869$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, , Frequency: 869 MHz, ConvF(10.04, 10.04, 10.04); Calibrated: 1/17/2018
 Electronics: DAE4 Sn1483, Calibrated: 1/4/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 67.36 V/m; Power Drift = -0.53 dB
Fast SAR: SAR(1 g) = 6.16 W/kg; SAR(10 g) = 4.22 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 7.53 W/kg

Below 2 GHz-Rev.2/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
 Reference Value = 67.36 V/m; Power Drift = -0.64 dB
Fast SAR: SAR(1 g) = 5.86 W/kg; SAR(10 g) = 4.09 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 7.04 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 87.14 V/m; Power Drift = -0.28 dB
 Peak SAR (extrapolated) = 8.41 W/kg
SAR(1 g) = 6.41 W/kg; SAR(10 g) = 4.62 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 7.53 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) = 7.03 W/kg



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

Scan Description	Referenced Table	Test Time (min.)	SAR 1g (W/kg)
Shorten scan (zoom)	64	8	7.01
Full scan (area & zoom)	50	30	7.00

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