

**MOTOROLA SOLUTIONS****DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2**

Motorola Solutions Inc.
EME Test Laboratory
 Motorola Solutions Malaysia Sdn Bhd
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Date of Report: 08/04/2022
Report Revision: H

Responsible Engineer: Ch'ng Jian Sheng (EME Engineer)
Report Author: Muhammad Zakwan Bin Zaidi (EME Senior Technician)
Date/s Tested: 01/26/2022 - 02/04/2022, 02/12/2022 - 02/13/2022, 02/22/2022 - 02/24/2022, 03/11/2022, 03/22/2022, 06/09/2022 - 06/10/2022, 06/30/2022-07/02/2022
Manufacturer: Motorola Solutions Inc.
DUT Description: Handheld Portable – APX N30 7/800 MODEL PORTABLE
 – APX N50 7/800 MODEL PORTABLE
Test TX mode(s): FM, BT & WLAN
Max. Power output: Refer Table 3, 3a
Tx Frequency Bands: Refer Table 3
Signaling type: FM (LMR), 802.11b/g/n/a/ac (WLAN), FHSS (Bluetooth / Bluetooth LE)
Model(s) Tested: H25UCF9PW6AN (PMUF1999A), H15UCF9PW6AN (PMUF1998A)
Model(s) Certified: H25UCF9PW6AN (PMUF1999A), H15UCF9PW6AN (PMUF1998A)
Serial Number(s): 657TYB0708, 657TYB0774, 657TYB0457 & 657TYK0099
Classification: Occupational/Controlled
Applicant Name: Motorola Solutions Inc.
Applicant Address: 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322
FCC ID: AZ489FT7161;
 This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC: 109U-89FT7161;
 This report contains results that are immaterial for ISSED equipment approval, which are clearly identified.
ISED Test Site registration: 24843
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 (Issue 5).

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 (no deviation from standard methods). 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.

Saw Sun Hock (Approved Signatory)
Approval Date: 8/4/2022

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/26/2022 11:23:09 AM

Robot#: DASY5-PG-1 | Run#: BL-SYSP-750H-220126-01
 Dipole Model#: D750V3
 Phantom#: ELI4 1011
 Tissue Temp: 19.6 (C)
 Serial#: 1142
 Test Freq: 750.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.15 dB
 Adjusted SAR (1W): 7.84 mW/g (1g)

Comments:

Communication System Band: D750, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 750$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 750 MHz, ConvF(10.44, 10.44, 10.44) @ 750 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

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

Reference Value = 55.86 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.63 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

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

Reference Value = 55.86 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.32 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

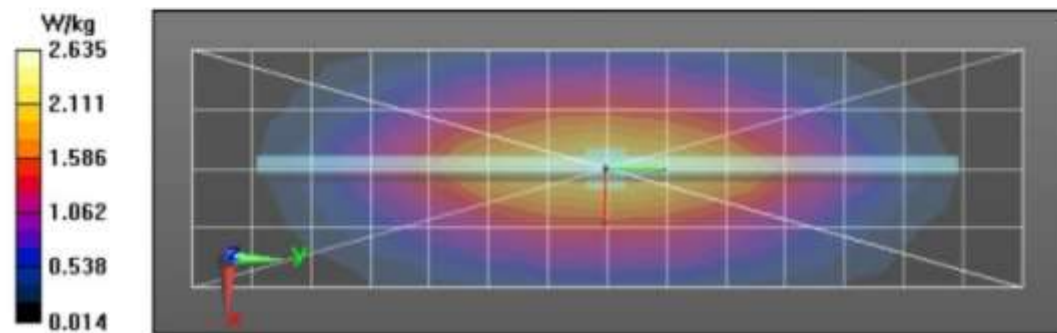
Ratio of SAR at M2 to SAR at M1 = 68.7%

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

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

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

Maximum value of SAR (measured) = 2.63 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2022 10:19:20 AM

Robot#: DASY5-PG-1 | Run#: BL-SYSP-750H-220127-12
 Dipole Model#: D750V3
 Phantom#: ELI4 1011
 Tissue Temp: 20.1 (C)
 Serial#: 1142
 Test Freq: 750.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.23 dB
 Adjusted SAR (1W): 8.04 mW/g (1g)

Comments:

Communication System Band: D750, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 750$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 750 MHz, ConvF(10.44, 10.44, 10.44) @ 750 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

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

Reference Value = 56.90 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.71 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

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

Reference Value = 56.90 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.35 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 20.4 mm

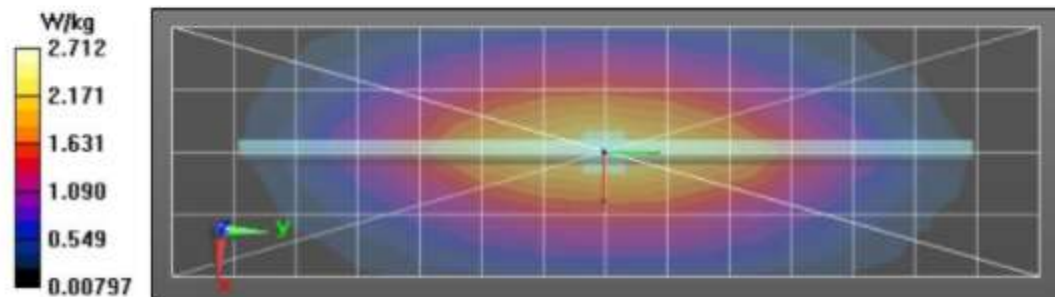
Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 2.63 W/kg

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

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

Maximum value of SAR (measured) = 2.63 W/kg



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Date/Time: 3/11/2022 10:47:34 AM

Robot#: DASY5-PG-1 | Run#: MHI-SYSP-750H-220311-01
 Dipole Model#: D750V3
 Phantom#: ELI4 1011
 Tissue Temp: 21.7 (C)
 Serial#: 1142
 Test Freq: 750.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.089 dB
 Adjusted SAR (1W): 8.68 mW/g (1g)

Comments:

Communication System Band: D750, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 750$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 750 MHz, ConvF(10.44, 10.44, 10.44) @ 750 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

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

Reference Value = 58.98 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.46 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.82 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

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

Reference Value = 58.98 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.03 W/kg

SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.46 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

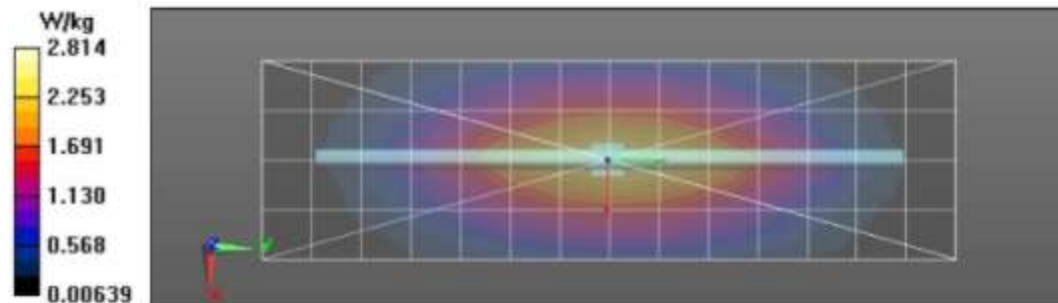
Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 2.74 W/kg

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

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

Maximum value of SAR (measured) = 2.75 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 2:54:00 AM

Robot#: DASY5-PG-1 | Run#: FZ-SYSP-835H-220128-02
 Dipole Model#: D835V2
 Phantom#: ELI4 1011
 Tissue Temp: 21.2 (C)
 Serial#: 4d029
 Test Freq: 835.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.2 dB
 Adjusted SAR (1W): 9.12 mW/g (1g)

Comments:

Communication System Band: D835, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 835 MHz, ConvF(10.15, 10.15, 10.15) @ 835 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

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

Reference Value = 59.60 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.53 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

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

Reference Value = 59.60 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 19.6 mm

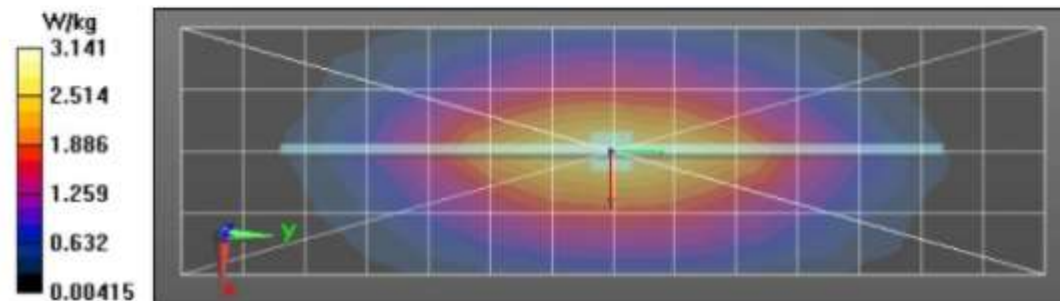
Ratio of SAR at M2 to SAR at M1 = 69.1%

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

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

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

Maximum value of SAR (measured) = 3.04 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/29/2022 2:00:32 AM

Robot#: DASY5-PG-1 | Run#: MHI-SYSP-835H-220129-03
 Dipole Model#: D835V2
 Phantom#: ELI4 1011
 Tissue Temp: 20.8 (C)
 Serial#: 4d029
 Test Freq: 835.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.100 dB
 Adjusted SAR (1W): 9.48 mW/g (1g)

Comments:

Communication System Band: D835, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 835 MHz, ConvF(10.15, 10.15, 10.15) @ 835 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

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

Reference Value = 60.20 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

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

Reference Value = 60.20 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 20.2 mm

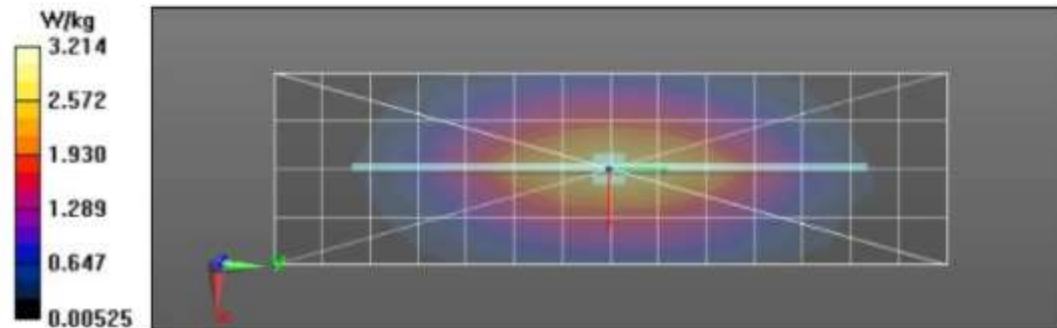
Ratio of SAR at M2 to SAR at M1 = 69.5%

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

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

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/30/2022 1:57:44 AM

Robot#: DASY5-PG-1 | Run#: MHI-SYSP-835H-220130-04
 Dipole Model#: D835V2
 Phantom#: ELI4 1011
 Tissue Temp: 21.0 (C)
 Serial#: 4d029
 Test Freq: 835.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.170 dB
 Adjusted SAR (1W): 9.48 mW/g (1g)

Comments:

Communication System Band: D835, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 835 MHz, ConvF(10.15, 10.15, 10.15) @ 835 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

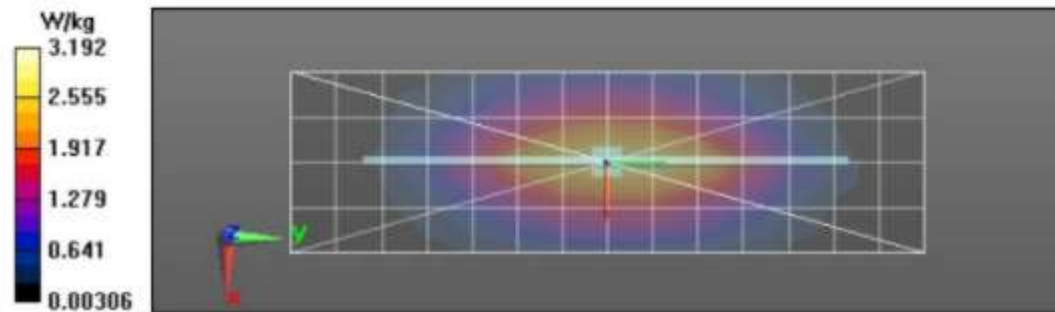
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 60.48 V/m; Power Drift = 0.09 dB
Fast SAR: SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.20 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 60.48 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below = 20.2 mm
 Ratio of SAR at M2 to SAR at M1 = 69.6%
 Maximum value of SAR (measured) = 3.09 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.08 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/31/2022 3:13:36 PM

Robot#: DASY5-PG-1 | Run#: MHI-SYSP-835H-220131-01
 Dipole Model#: D835V2
 Phantom#: ELI4 1011
 Tissue Temp: 20.7 (C)
 Serial#: 4d029
 Test Freq: 835.000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.140 dB
 Adjusted SAR (1W): 9.44 mW/g (1g)

Comments:

Communication System Band: D835, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 835$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 835 MHz, ConvF(10.15, 10.15, 10.15) @ 835 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

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

Reference Value = 60.42 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.19 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

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

Reference Value = 60.42 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.45 W/kg

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

Smallest distance from peaks to all points 3 dB below = 21.2 mm

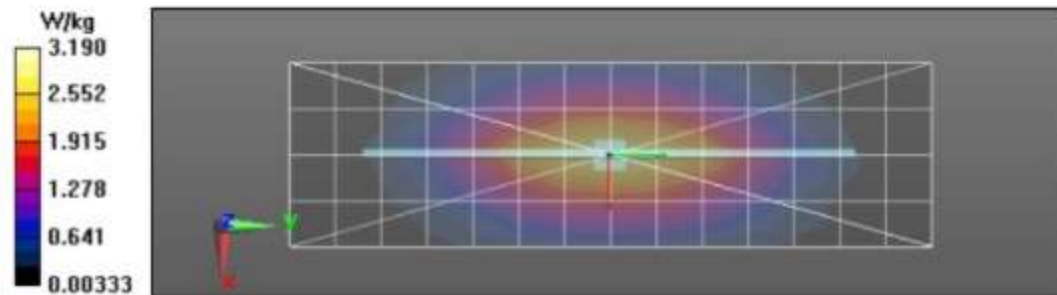
Ratio of SAR at M2 to SAR at M1 = 68.7%

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

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

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/22/2022 2:43:04 AM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-750H-220322-02
 Dipole Model#: D750V3
 Phantom#: ELI4 1050
 Tissue Temp: 21.7 (C)
 Serial#: 1142
 Test Freq: 750.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.12 dB
 Adjusted SAR (1W): 7.88 mW/g (1g)

Comments:

Communication System Band: Dipole 750, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 750$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 750 MHz, ConvF(10.25, 10.25, 10.25) @ 750 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x131x1):

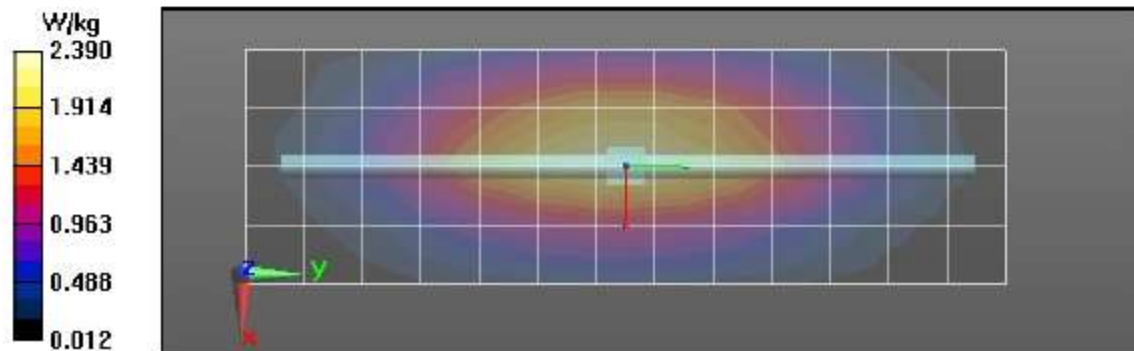
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 56.87 V/m; Power Drift = 0.07 dB
 Fast SAR: SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.32 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 2.50 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
 Reference Value = 56.87 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 2.88 W/kg
 SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below = 20.4 mm
 Ratio of SAR at M2 to SAR at M1 = 67.1%
 Maximum value of SAR (measured) = 2.56 W/kg

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

grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm
 Maximum value of SAR (measured) = 2.58 W/kg



Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/28/2022 3:28:43 AM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-2450H-220128-02
Dipole Model#: D2450V2
Phantom#: ELI4 1022
Tissue Temp: 20.5 (C)
Serial#: 782
Test Freq: 2450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.072 dB
Adjusted SAR (1W): 52.40 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 37.3$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 2450 MHz, ConvF(7.63, 7.63, 7.63) @ 2450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x71x1): Interpolated grid:

dx=1.200 mm, dy=1.200 mm

Reference Value = 115.5 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.34 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 23.8 W/kg

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

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

Reference Value = 115.5 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 27.9 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.14 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9 mm

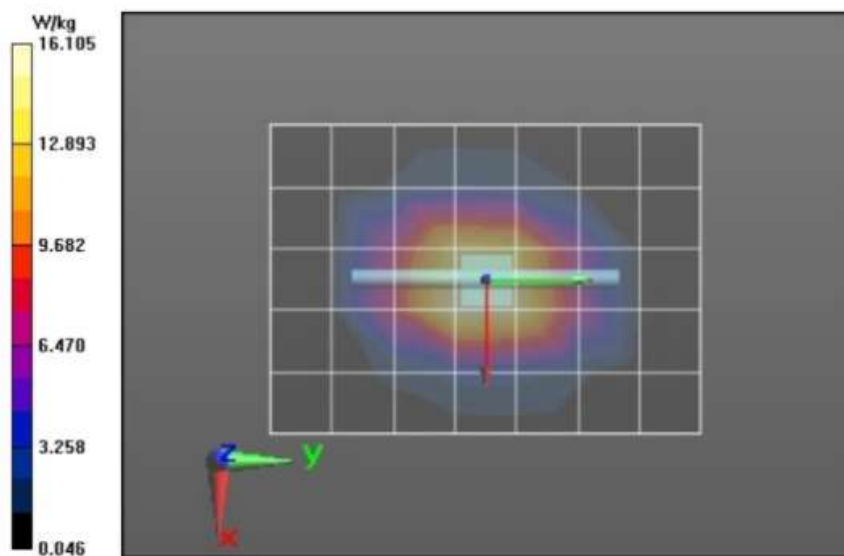
Ratio of SAR at M2 to SAR at M1 = 48.3%

Maximum value of SAR (measured) = 22.6 W/kg

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

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

Maximum value of SAR (measured) = 22.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/29/2022 9:15:56 PM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-5250H-220129-16
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1022
 Tissue Temp: 20.8 (C)
 Serial#: 1022
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.13 dB
 Adjusted SAR (1W): 74.70 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.42$ S/m; $\epsilon_r = 32.4$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.38, 5.38, 5.38) @ 5250 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

$dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 72.29 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 19.3 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 72.29 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 30.2 W/kg

SAR(1 g) = 7.47 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.4 mm

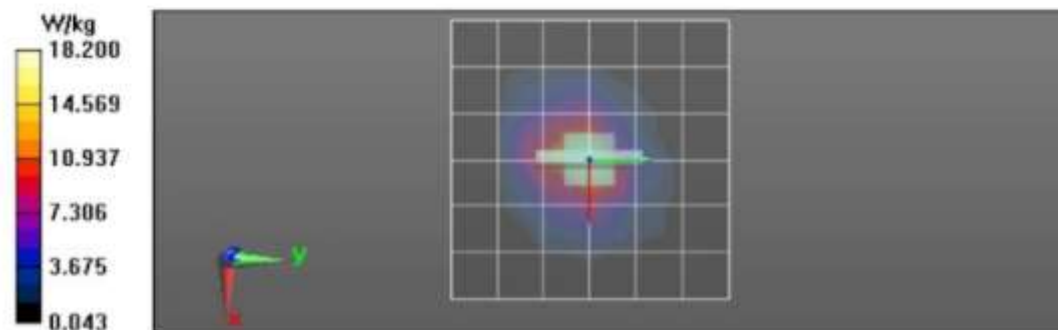
Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 18.0 W/kg

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 19.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/31/2022 10:04:14 PM

Robot#: DASY5-PG-2 | Run#: SAN-SYSP-5250H-220131-04
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1022
 Tissue Temp: 20.8 (C)
 Serial#: 1022
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.086 dB
 Adjusted SAR (1W): 79.80 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 34.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.38, 5.38, 5.38) @ 5250 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

dx=0.9000 mm, dy=0.9000 mm

Reference Value = 74.32 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 7.77 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)

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

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 74.32 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 32.7 W/kg

SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.29 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

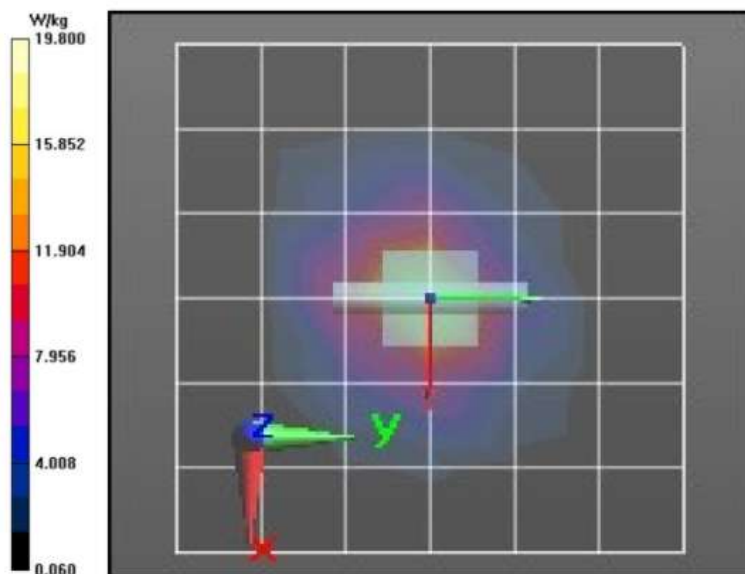
Ratio of SAR at M2 to SAR at M1 = 54%

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

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 20.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/12/2022 9:01:30 AM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-5250H-220212-06
 Dipole Model#: D5GHzV2
 Phantom#: EL14 1108
 Tissue Temp: 21.7 (C)
 Serial#: 1022
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.17 dB
 Adjusted SAR (1W): 75.30 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.32$ S/m; $\epsilon_r = 33.3$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.38, 5.38, 5.38) @ 5250 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

$dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 72.14 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 7.03 W/kg; SAR(10 g) = 1.95 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 18.5 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 72.14 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 29.3 W/kg

SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.17 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.5 mm

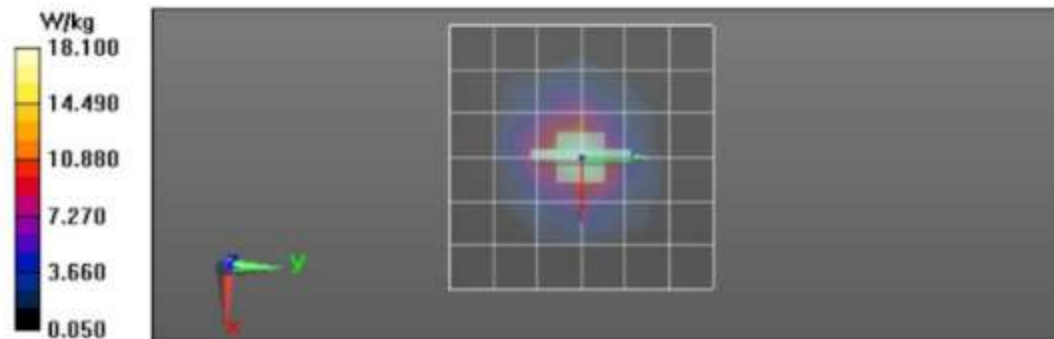
Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 17.8 W/kg

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/1/2022 8:54:18 AM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-5600H-220201-04#
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1022
 Tissue Temp: 20.8 (C)
 Serial#: 1022
 Test Freq: 5600.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.097 dB
 Adjusted SAR (1W): 75.80 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.9$ S/m; $\epsilon_r = 33.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

dx=0.9000 mm, dy=0.9000 mm

Reference Value = 71.44 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 7.49 W/kg; SAR(10 g) = 2.07 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.4 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 71.44 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.16 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

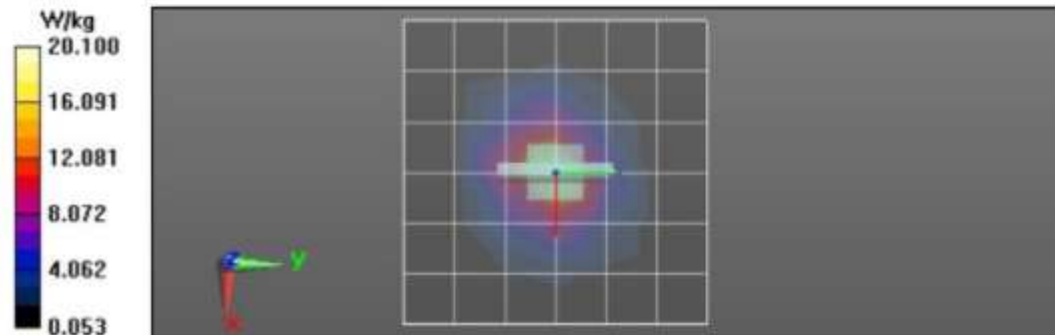
Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 18.2 W/kg

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 19.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/1/2022 9:22:01 PM

Robot#: DASY5-PG-2 | Run#: SAN-SYSP-5600H-220201-10
 Dipole Model# D5GHzV2
 Phantom#: EL14 1022
 Tissue Temp: 21.4 (C)
 Serial#: 1022
 Test Freq: 5600.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.094 dB
 Adjusted SAR (1W): 77.30 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.75$ S/m; $\epsilon_r = 32.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

dx=0.9000 mm, dy=0.9000 mm

Reference Value = 72.26 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.07 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.7 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 72.26 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 34.0 W/kg

SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.4 mm

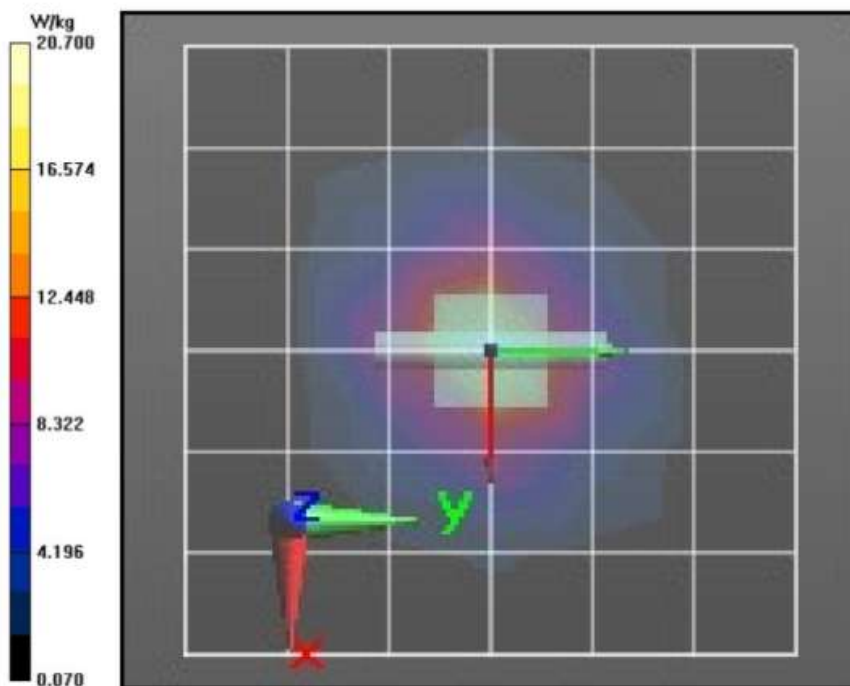
Ratio of SAR at M2 to SAR at M1 = 52.1%

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

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 20.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/2/2022 9:40:25 PM

Robot#: DASY5-PG-2 | Run#: SAN-SYSP-5600H-220202-10
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1022
 Tissue Temp: 21.6 (C)
 Serial#: 1022
 Test Freq: 5600.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.220 dB
 Adjusted SAR (1W): 84.00 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.83$ S/m; $\epsilon_r = 32.3$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

$dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 75.89 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 22.6 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 75.89 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 36.8 W/kg

SAR(1 g) = 8.4 W/kg; SAR(10 g) = 2.41 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.5 mm

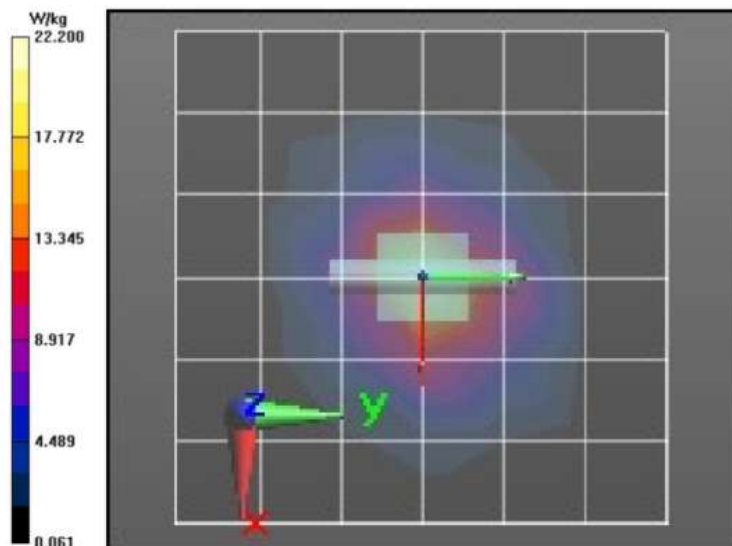
Ratio of SAR at M2 to SAR at M1 = 51.7%

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

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 22.2 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/12/2022 10:43:51 PM

Robot#: DASY5-PG-2 | Run#: SAN-SYSP-5600H-220212-11
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1108
 Tissue Temp: 23.0 (C)
 Serial#: 1022
 Test Freq: 5600.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.096 dB
 Adjusted SAR (1W): 78.30 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.64$ S/m; $\epsilon_r = 33$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

$dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 75.49 V/m; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 7.77 W/kg; SAR(10 g) = 2.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 21.4 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 75.49 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 33.5 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.24 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.4 mm

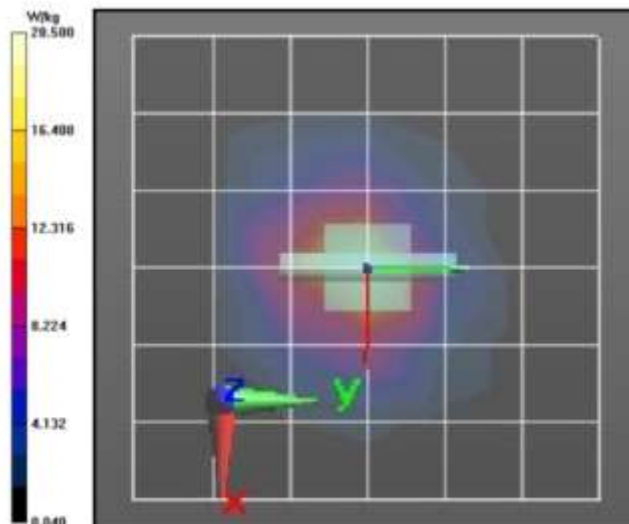
Ratio of SAR at M2 to SAR at M1 = 53%

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

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 21.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/3/2022 11:48:34 PM

Robot#: DASY5-PG-2 | Run#: AF-SYSP-5750H-220203-16
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1022
 Tissue Temp: 19.3 (C)
 Serial#: 1022
 Test Freq: 5750.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.110 dB
 Adjusted SAR (1W): 76.60 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5750$ MHz; $\sigma = 4.84$ S/m; $\epsilon_r = 34.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

dx=0.9000 mm, dy=0.9000 mm

Reference Value = 71.37 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 7.25 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.2 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 71.37 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 34.5 W/kg

SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.19 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.4 mm

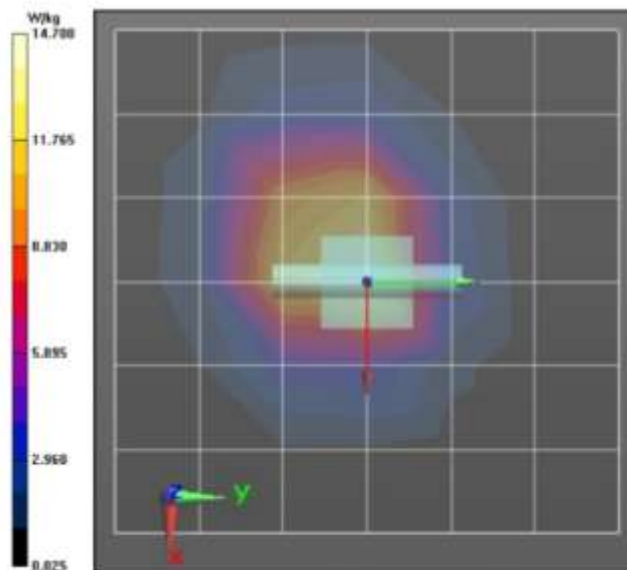
Ratio of SAR at M2 to SAR at M1 = 50.5%

Maximum value of SAR (measured) = 18.6 W/kg

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 20.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/4/2022 9:10:38 PM

Robot#: DASY5-PG-2 | Run#: AF-SYSP-5750H-220204-10
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1022
 Tissue Temp: 18.9 (C)
 Serial#: 1022
 Test Freq: 5750.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.110 dB
 Adjusted SAR (1W): 74.80 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5750$ MHz; $\sigma = 4.72$ S/m; $\epsilon_r = 32.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

dx=0.9000 mm, dy=0.9000 mm

Reference Value = 72.50 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 7.22 W/kg; SAR(10 g) = 1.98 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.2 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 72.50 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 33.6 W/kg

SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.4 mm

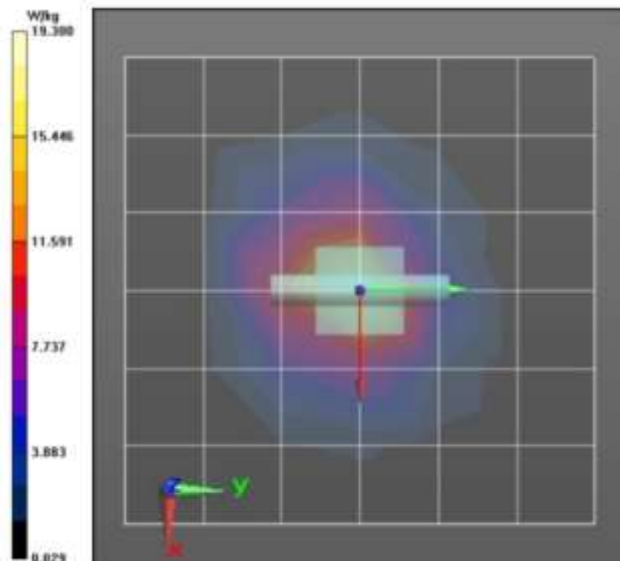
Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 18.2 W/kg

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 20.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/9/2022 8:25:29 PM

Robot#: DASY5-PG-03 | Run#: BAD-SYSP-2450H-220609-01
 Dipole Model#: D2450V2
 Phantom#: ELI4 1108
 Tissue Temp: 20.0 (C)
 Serial#: 781
 Test Freq: 2450.0000 (MHz)
 Start Power: 31.6 (mW)
 Rotation (1D): 0.15 dB
 Adjusted SAR (1W): 53.48 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2450 MHz, ConvF(7.83, 7.83, 7.83) @ 2450 MHz
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 40.84 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.818 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.99 W/kg

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

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

Reference Value = 40.84 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 1.69 W/kg; SAR(10 g) = 0.784 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9 mm

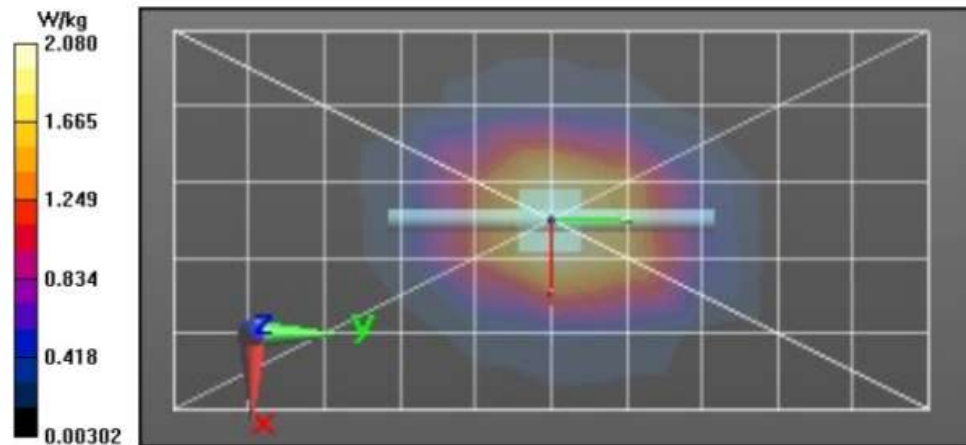
Ratio of SAR at M2 to SAR at M1 = 48.6%

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

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

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

Maximum value of SAR (measured) = 2.86 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/30/2022 10:22:28 AM

Robot#: DASY5-PG-1 | Run#: FZ-SYSP-835H-220630-04
 Dipole Model#: D835V2
 Phantom#: ELI4 1028
 Tissue Temp: 21.2 (C)
 Serial#: 4d029
 Test Freq: 835.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.041 dB
 Adjusted SAR (1W): 9.88mW/g (1g)

Comments:

Communication System Band: D835, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 835 MHz, ConvF(10.49, 10.49, 10.49) @ 835 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x131x1):

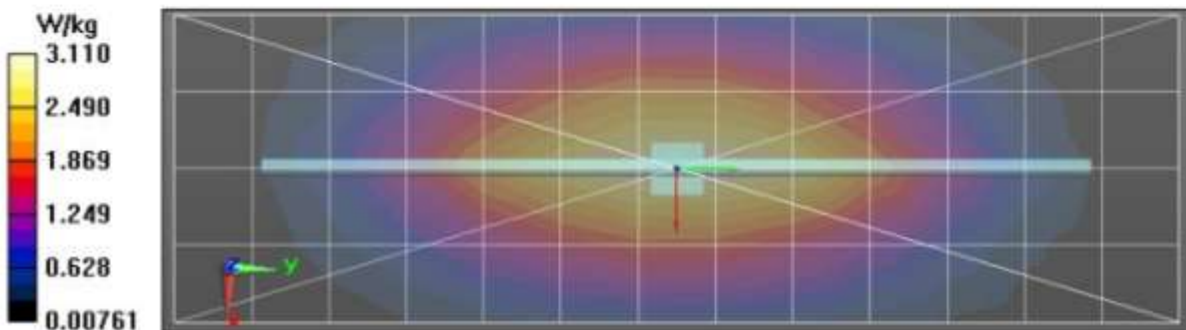
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 61.61 V/m; Power Drift = 0.13 dB
Fast SAR: SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.17 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (6x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 61.61 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below = 18 mm
 Ratio of SAR at M2 to SAR at M1 = 66.8%
 Maximum value of SAR (measured) = 3.38 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.27 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/2/2022 3:01:37 AM

Robot#: DASY5-PG-1 | Run#: BL-SYSP-2450H-220702-01
 Dipole Model#: D2450V2
 Phantom#: ELI4 1011
 Tissue Temp: 20.5 (C)
 Serial#: 782
 Test Freq: 2450 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.061 dB
 Adjusted SAR (1W): 52.40 mW/g (1g)

Comments:

Communication System Band: D2450 (2450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 2450 MHz, ConvF(8.13, 8.13, 8.13) @ 2450 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x71x1): Interpolated grid:

$dx=1.200$ mm, $dy=1.200$ mm

Reference Value = 113.2 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.51 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 24.5 W/kg

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

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

Reference Value = 113.2 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 28.6 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.18 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9 mm

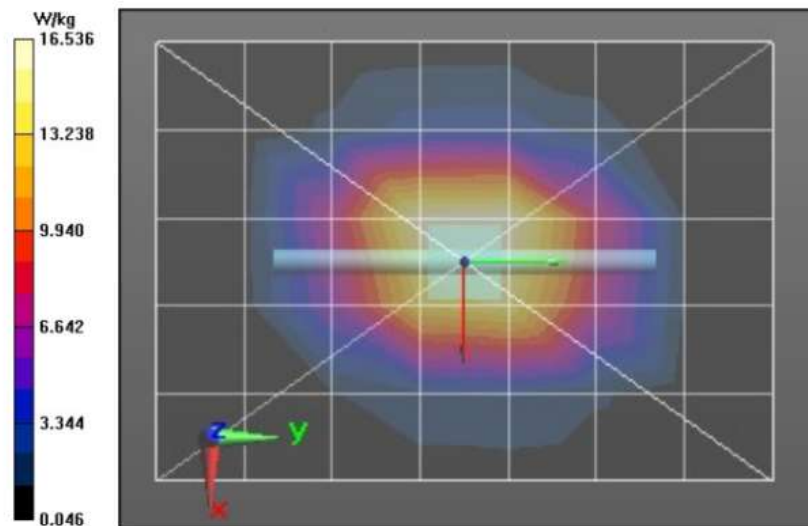
Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 22.8 W/kg

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

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

Maximum value of SAR (measured) = 23.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/1/2022 1:29:20 AM

Robot#: DASY5-PG-1 | Run#: BL-SYSP-5250H-220701-02
 Dipole Model# D5GHzV2
 Phantom#: ELI4 1011
 Tissue Temp: 19.5 (C)
 Serial#: 1022
 Test Freq: 5250.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.09 dB
 Adjusted SAR (1W): 83.10 mW/g (1g)

Comments:

Communication System Band: D5GHz, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.33$ S/m; $\epsilon_r = 32.7$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 5250 MHz, ConvF(5.66, 5.66, 5.66) @ 5250 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (41x41x1): Interpolated grid:

$dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 77.67 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.24 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 21.2 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

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

Reference Value = 77.67 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 8.31 W/kg; SAR(10 g) = 2.39 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

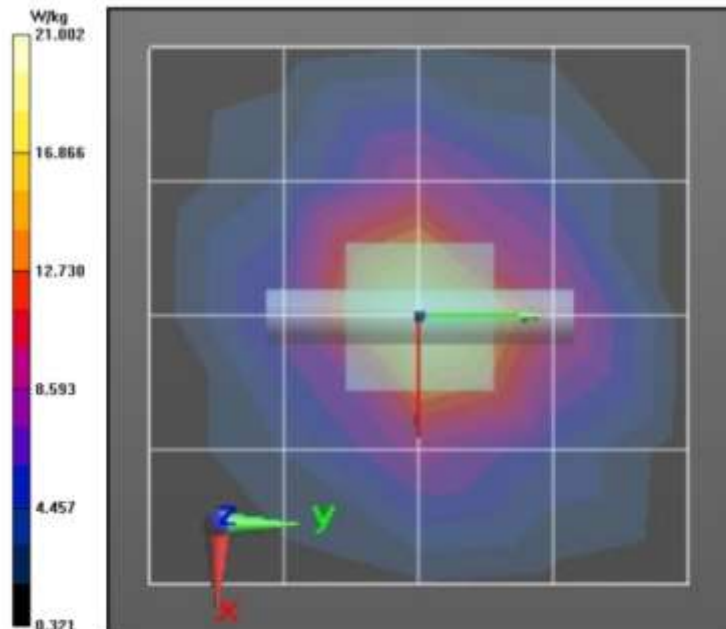
Ratio of SAR at M2 to SAR at M1 = 55.1%

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

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

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

Maximum value of SAR (measured) = 21.3 W/kg



APPENDIX E

DUT Scans

Assessments at the Body with Body worn PMLN8369A for 769-775MHz band

Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/26/2022 9:08:03 PM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220126-06
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1050
 Tissue Temp: 19.0 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 769.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: PMMN4128A
 Start Power: 2.92 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 769$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 769.013 MHz, ConvF(10.44, 10.44, 10.44) @ 769.013 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 52.72 V/m; Power Drift = -0.40 dB

Fast SAR: SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.86 W/kg

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

Reference Value = 52.72 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)

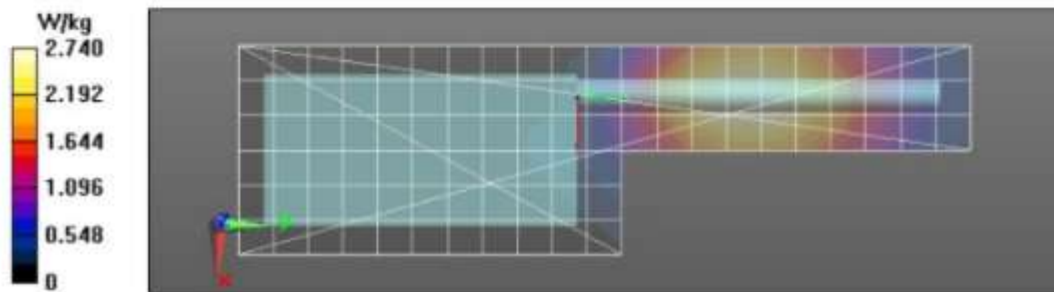
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.3%

Maximum value of SAR (measured) = 2.74 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 2.73 W/kg



Assessments at the Body with Body worn PMLN8370A for 769-775MHz band

Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/26/2022 11:32:23 PM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220126-07
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: EL14 1050
 Tissue Temp: 18.9 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 769.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: PMMN4128A
 Start Power: 2.92 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 769 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 769.013 MHz, ConvF(10.44, 10.44, 10.44) @ 769.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 51.94 V/m; Power Drift = -0.37 dB

Fast SAR: SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.3/Ab 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 = 51.94 V/m; Power Drift = -0.39 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)

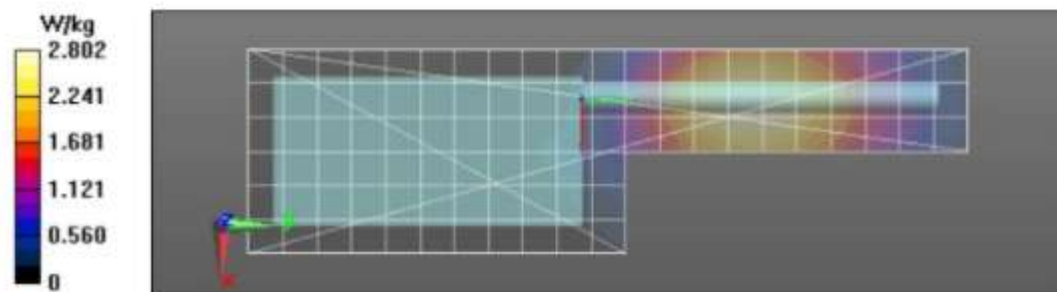
Smallest distance from peaks to all points 3 dB below; Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76%

Maximum value of SAR (measured) = 2.74 W/kg

Below 2 GHz-Rev.3/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) = 2.68 W/kg



Assessment of wireless BT configuration for 769-775MHz band

Table 20

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2022 12:14:15 AM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220127-01#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: EL14 1050
 Tissue Temp: 18.9 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 769.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: None
 Start Power: 2.92 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 769 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 769.013 MHz, ConvF(10.44, 10.44, 10.44) @ 769.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 55.43 V/m; Power Drift = -0.88 dB

Fast SAR: SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)

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

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

Reference Value = 55.43 V/m; Power Drift = -0.92 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.66 W/kg (SAR corrected for target medium)

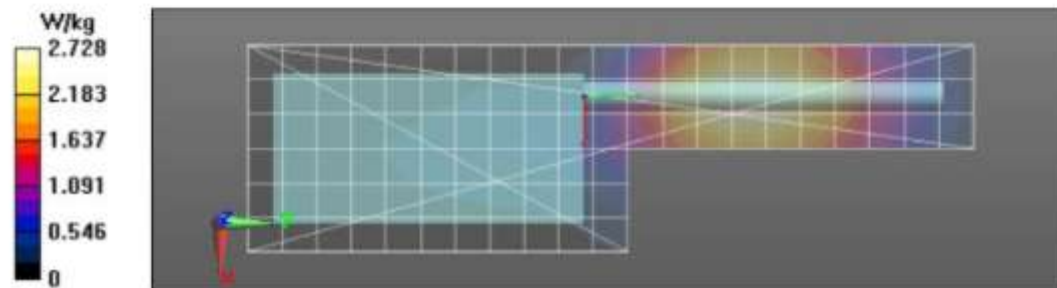
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.4%

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

Below 2 GHz-Rev.3/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 with Body worn PMLN8369A for 799-824MHz band

Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 5:44:47 AM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220128-03
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1011
 Tissue Temp: 20.0 (C)
 Serial#: 657TYB0708
 Antenna: Fixed antenna
 Test Freq: 811.5000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: PMMN4128A
 Start Power: 3.58 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 812 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 811.5 MHz, ConvF(10.15, 10.15, 10.15) @ 811.5 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 58.19 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.40 W/kg

Below 2 GHz-Rev.3/Ab 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 = 58.19 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 2.74 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)

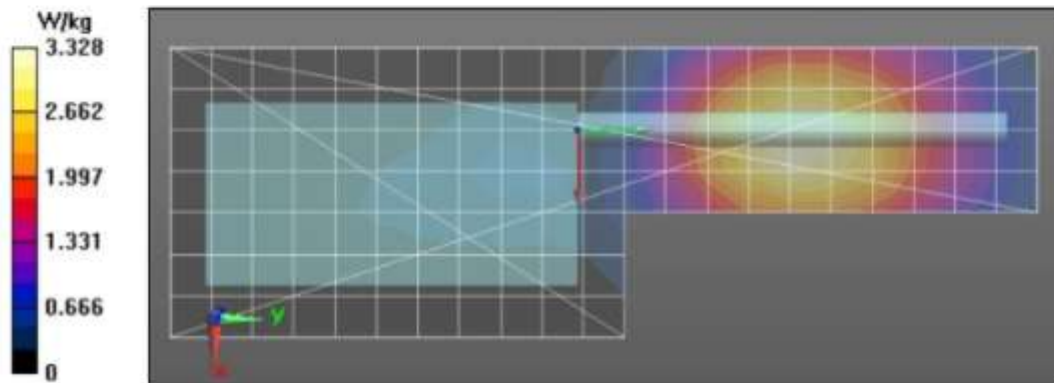
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 77.4%

Maximum value of SAR (measured) = 3.29 W/kg

Below 2 GHz-Rev.3/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) = 3.26 W/kg



Assessments at the Body with Body worn PMLN8370A for 799-824MHz band

Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 6:17:32 AM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220128-04
 Phantom#: ELI4 1011
 Tissue Temp: 20.0 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 811.5000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: PMMN4128A
 Start Power: 3.56 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 812$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 811.5 MHz, ConvF(10.15, 10.15, 10.15) @ 811.5 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 57.18 V/m; Power Drift = -0.35 dB

Fast SAR: SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.74 W/kg (SAR corrected for target medium)

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

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

dy=7.5mm, dz=5mm

Reference Value = 57.18 V/m; Power Drift = -0.34 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

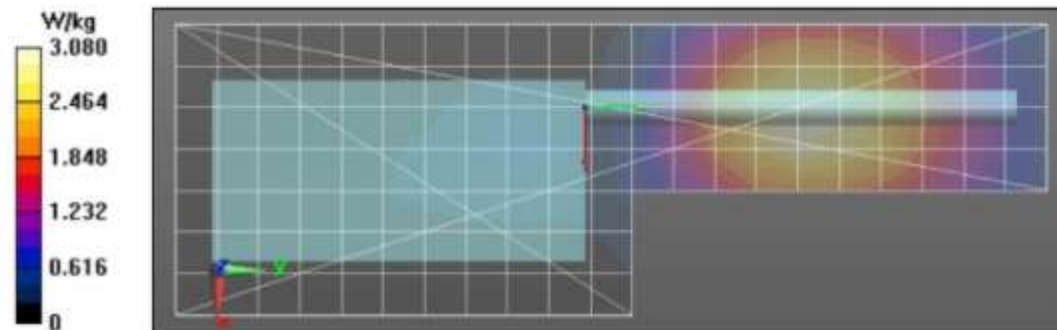
Ratio of SAR at M2 to SAR at M1 = 77%

Maximum value of SAR (measured) = 3.04 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm,

dz=10mm

Maximum value of SAR (measured) = 3.00 W/kg



Assessment of wireless BT configuration for 799-824MHz band

Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 8:40:14 AM

Robot#: DASY5-PG-1 | Run#: AF-AB-220128-05
 Phantom#: EL14 1011
 Tissue Temp: 20.1 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 811.5000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 3.60 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 812$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 811.5 MHz, ConvF(10.15, 10.15, 10.15) @ 811.5 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 58.60 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.84 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.32 W/kg

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

dy=7.5mm, dz=5mm

Reference Value = 58.60 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 2.71 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

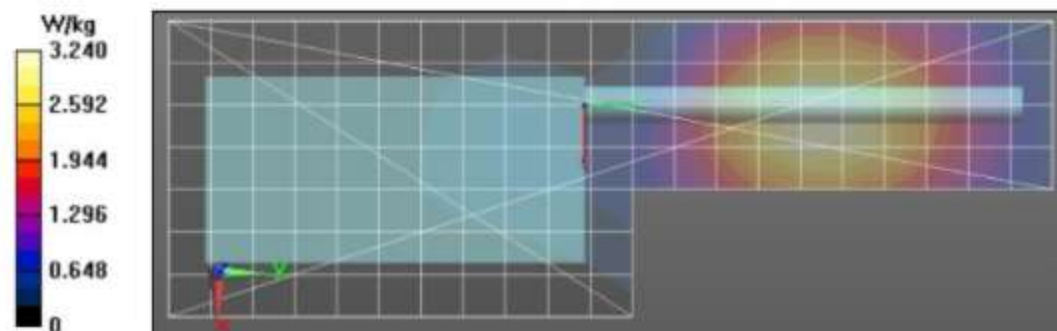
Ratio of SAR at M2 to SAR at M1 = 77%

Maximum value of SAR (measured) = 3.26 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm,

dz=10mm

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



Assessments at the Body with Body worn PMLN8369A for 851-869MHz band

Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/29/2022 1:57:39 PM

Robot#: DASY5-PG-1 | Run#: AF-AB-220129-14
 Phantom#: ELI4 1011
 Tissue Temp: 20.9 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 851.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: PMMN4128A
 Start Power: 3.57 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 851.013 MHz, ConvF(10.15, 10.15, 10.15) @ 851.013 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 57.28 V/m; Power Drift = -0.46 dB

Fast SAR: SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.89 W/kg

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

Reference Value = 57.28 V/m; Power Drift = -0.49 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.66 W/kg (SAR corrected for target medium)

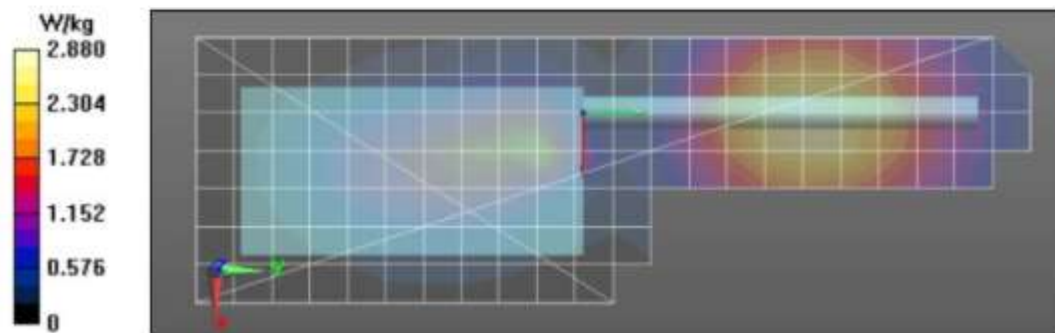
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.4%

Maximum value of SAR (measured) = 2.71 W/kg

Below 2 GHz-Rev.3/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 with Body worn PMLN8370A for 851-869MHz band

Table 27

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/29/2022 2:32:02 PM

Robot#: DASY5-PG-1 | Run#: AF-AB-220129-15
 Phantom#: EL14 1011
 Tissue Temp: 21.0 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 851.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: PMMN4128A
 Start Power: 3.60 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 851.013 MHz, ConvF(10.15, 10.15, 10.15) @ 851.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 55.94 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.88 W/kg

Below 2 GHz-Rev.3/Ab 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 = 55.94 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)

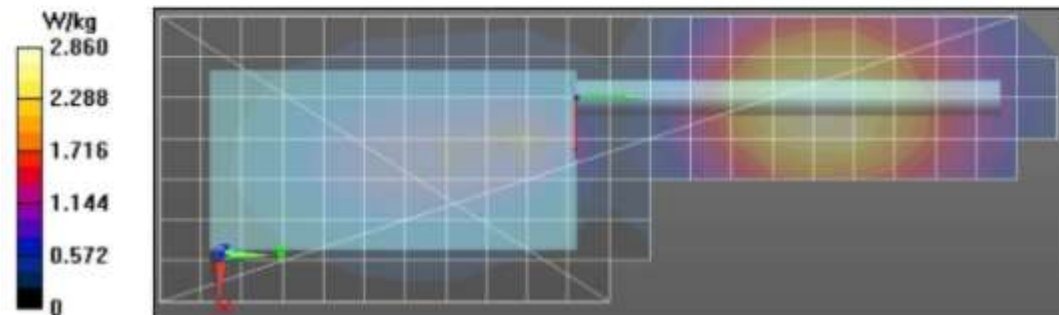
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.3%

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

Below 2 GHz-Rev.3/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) = 2.77 W/kg



Assessment of wireless BT configuration for 851-869MHz band

Table 28

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/30/2022 8:38:51 PM

Robot#: DASY5-PG-1 | Run#: MHI-AB-220130-11
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1011
 Tissue Temp: 21.6 (C)
 Serial#: 657TYB0774
 Antenna: AN000411A01
 Test Freq: 851.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 3.51 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 851.013 MHz, ConvF(10.15, 10.15, 10.15) @ 851.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 63.14 V/m; Power Drift = -0.65 dB

Fast SAR: SAR(1 g) = 2.81 W/kg; SAR(10 g) = 1.96 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.58 W/kg

Below 2 GHz-Rev.3/Ab 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 = 63.14 V/m; Power Drift = -0.91 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.77 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

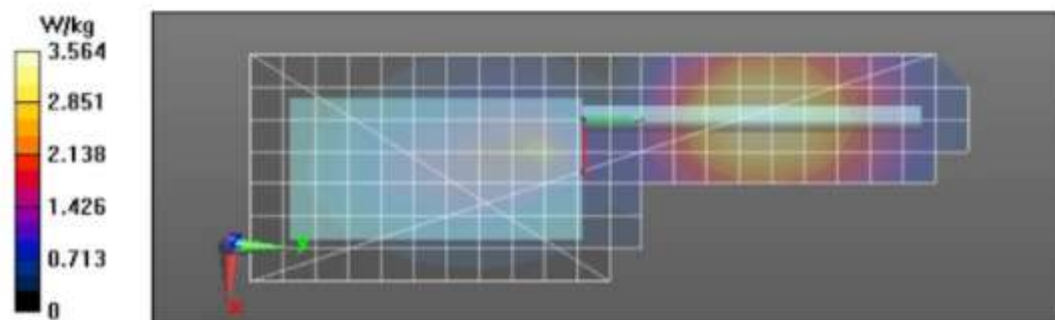
Ratio of SAR at M2 to SAR at M1 = 76.1%

Maximum value of SAR (measured) = 3.37 W/kg

Below 2 GHz-Rev.3/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) = 3.08 W/kg



LMR assessment at the Face for 769-775MHz band

Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2022 11:44:42 PM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-220127-25
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1050
 Tissue Temp: 20.0 (C)
 Serial#: 657TYB0774
 Antenna: AN000411A01
 Test Freq: 769.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 2.90 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 769$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 769.013 MHz, ConvF(10.44, 10.44, 10.44) @ 769.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 57.09 V/m; Power Drift = -0.44 dB

Fast SAR: SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.8 W/kg (SAR corrected for target medium)

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

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

Reference Value = 57.09 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 3.26 W/kg

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

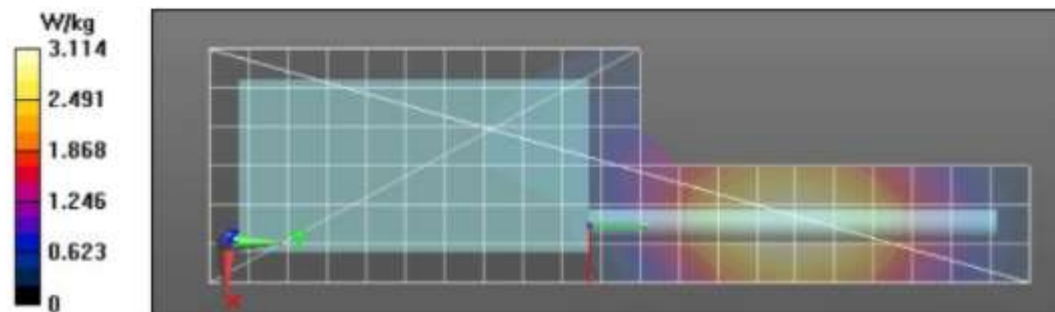
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.4%

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

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 2.99 W/kg



LMR assessments at the Face for 799-824MHz band

Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 9:20:33 AM

Robot#: DASY5-PG-1 | Run#: AF-FACE-220128-06
 Phantom#: EL14 1011
 Tissue Temp: 20.2 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 811.5000 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.60 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 812 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 811.5 MHz, ConvF(10.15, 10.15, 10.15) @ 811.5 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 63.73 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 3.03 W/kg; SAR(10 g) = 2.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.84 W/kg

Below 2 GHz-Rev.3/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 = 63.73 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 3.11 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)

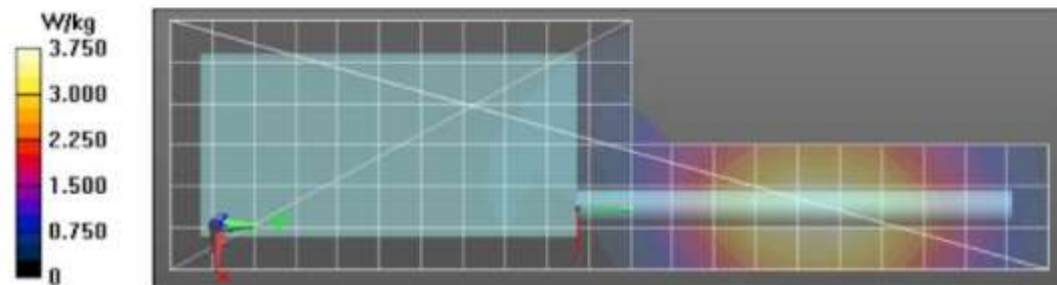
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.6%

Maximum value of SAR (measured) = 3.75 W/kg

Below 2 GHz-Rev.3/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) = 3.72 W/kg



LMR assessments at the Face for 851-869MHz band

Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/29/2022 3:42:47 PM

Robot#: DASY5-PG-1 | Run#: AF-FACE-220129-17
 Phantom#: ELI4 1011
 Tissue Temp: 21.1 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 851.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.58 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 851.013 MHz, ConvF(10.15, 10.15, 10.15) @ 851.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 71.39 V/m; Power Drift = -0.31 dB

Fast SAR: SAR(1 g) = 3.62 W/kg; SAR(10 g) = 2.52 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.59 W/kg

Below 2 GHz-Rev.3/Face 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 = 71.39 V/m; Power Drift = -0.29 dB

Peak SAR (extrapolated) = 4.67 W/kg

SAR(1 g) = 3.6 W/kg; SAR(10 g) = 2.66 W/kg (SAR corrected for target medium)

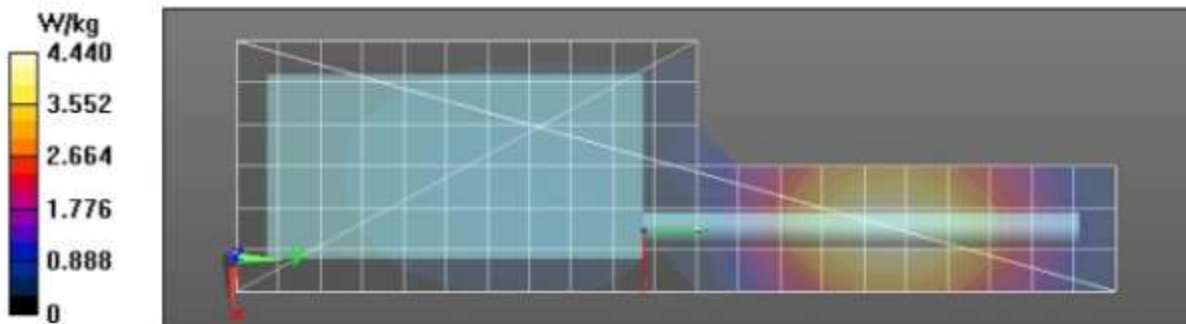
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.2%

Maximum value of SAR (measured) = 4.30 W/kg

Below 2 GHz-Rev.3/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) = 4.33 W/kg



Assessment for ISED, Canada – Body (769-775 MHz)

Table 35

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2022 12:14:15 AM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220127-01#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1050
 Tissue Temp: 18.9 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 769.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 2.92 (W)

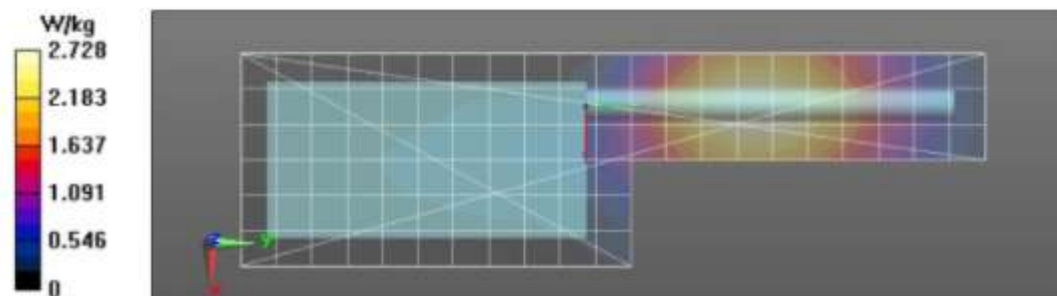
Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 769 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 769.013 MHz, ConvF(10.44, 10.44, 10.44) @ 769.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 55.43 V/m; Power Drift = -0.88 dB
Fast SAR: SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.58 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 2.84 W/kg

Below 2 GHz-Rev.3/Ab 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 = 55.43 V/m; Power Drift = -0.92 dB
 Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.66 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
 Ratio of SAR at M2 to SAR at M1 = 76.4%
 Maximum value of SAR (measured) = 2.70 W/kg

Below 2 GHz-Rev.3/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) = 2.67 W/kg



Assessment for ISED, Canada – Face (768-775 MHz)

Table 35

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2022 11:44:42 PM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-220127-25
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1050
 Tissue Temp: 20.0 (C)
 Serial#: 657TYB0774
 Antenna: AN000411A01
 Test Freq: 769.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 2.90 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 769$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 769.013 MHz, ConvF(10.44, 10.44, 10.44) @ 769.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 57.09 V/m; Power Drift = -0.44 dB

Fast SAR: SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.8 W/kg (SAR corrected for target medium)

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

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

Reference Value = 57.09 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 3.26 W/kg

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

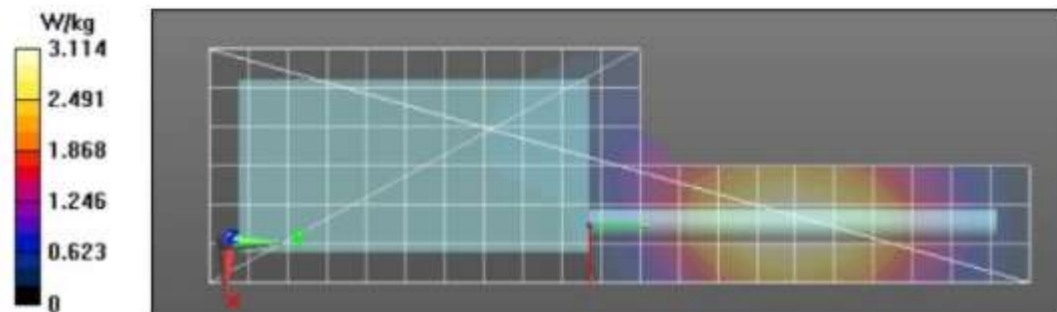
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.4%

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

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 2.99 W/kg



Assessment for ISED, Canada - Body (798-824 MHz)

Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 2:21:46 PM

Robot#: DASY5-PG-1 | Run#: AF-AB-220128-11
 Phantom#: EL14 1011
 Tissue Temp: 20.7 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 823.9875 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: PMMN4128A
 Start Power: 3.58 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 823.987 MHz, ConvF(10.15, 10.15, 10.15) @ 823.987 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 60.89 V/m; Power Drift = -0.26 dB

Fast SAR: SAR(1 g) = 2.77 W/kg; SAR(10 g) = 1.94 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.51 W/kg

Below 2 GHz-Rev.3/Ab 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 = 60.89 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 2.86 W/kg; SAR(10 g) = 2.13 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

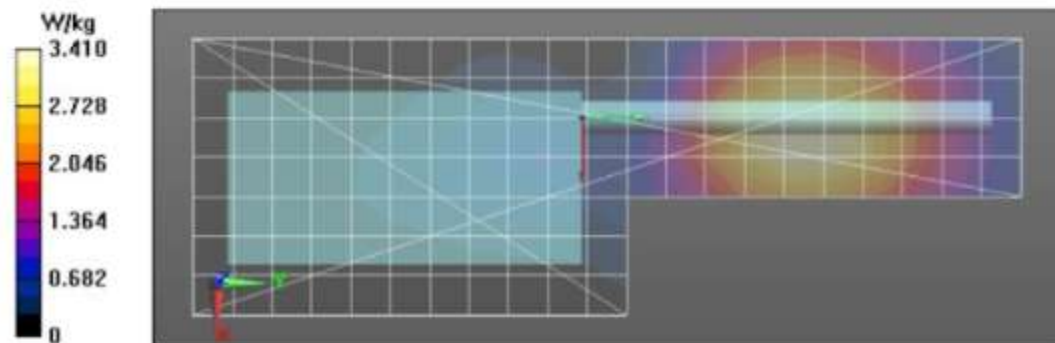
Ratio of SAR at M2 to SAR at M1 = 76.9%

Maximum value of SAR (measured) = 3.44 W/kg

Below 2 GHz-Rev.3/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) = 3.42 W/kg



Assessment for ISED, Canada – Face (799-824 MHz)

Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 11:04:22 AM

Robot#: DASY5-PG-1 | Run#: AF-FACE-220128-09
 Phantom#: EL14 1011
 Tissue Temp: 20.5 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 823.9875 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.60 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 823.987 MHz, ConvF(10.15, 10.15, 10.15) @ 823.987 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 63.64 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 3 W/kg; SAR(10 g) = 2.1 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.80 W/kg

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

Reference Value = 63.64 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 3.07 W/kg; SAR(10 g) = 2.28 W/kg (SAR corrected for target medium)

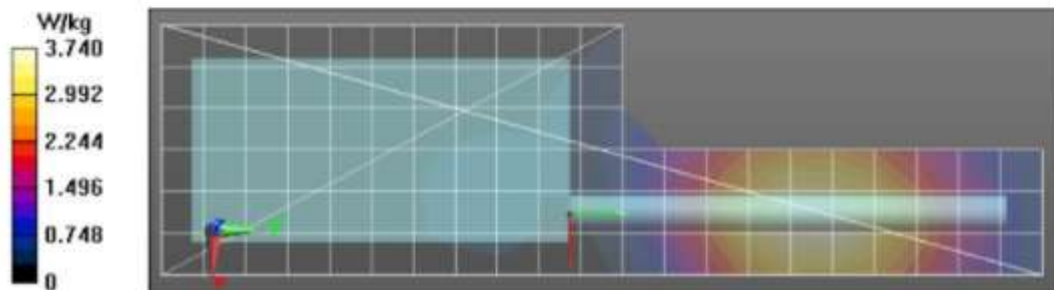
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.7%

Maximum value of SAR (measured) = 3.68 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 3.69 W/kg



Assessment for ISED, Canada - Body (851-869MHz)

Table 37

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/30/2022 8:38:51 PM

Robot#: DASY5-PG-1 | Run#: MHI-AB-220130-11
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1011
 Tissue Temp: 21.6 (C)
 Serial#: 657TYB0774
 Antenna: AN000411A01
 Test Freq: 851.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 3.51 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 851.013 MHz, ConvF(10.15, 10.15, 10.15) @ 851.013 MHz

Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 63.14 V/m; Power Drift = -0.65 dB

Fast SAR: SAR(1 g) = 2.81 W/kg; SAR(10 g) = 1.96 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.58 W/kg

Below 2 GHz-Rev.3/Ab 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 = 63.14 V/m; Power Drift = -0.91 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.77 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

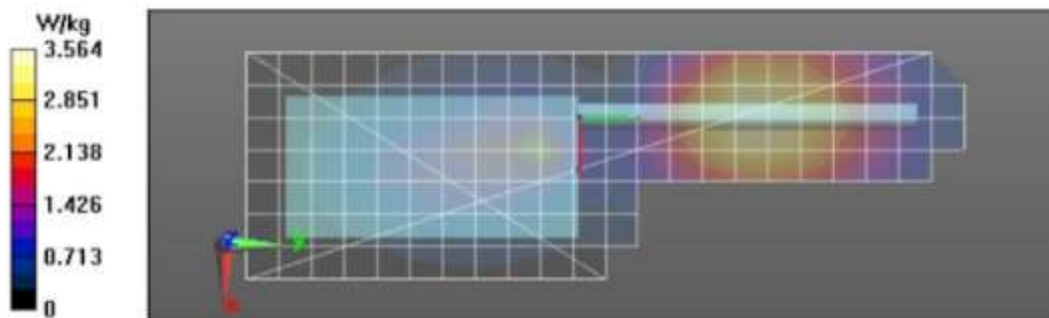
Ratio of SAR at M2 to SAR at M1 = 76.1%

Maximum value of SAR (measured) = 3.37 W/kg

Below 2 GHz-Rev.3/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) = 3.08 W/kg



Assessment for ISED, Canada – Face (851-869MHz)

Table 37

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/30/2022 11:12:33 AM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-220630-05
 Phantom#: ELI4 1011
 Tissue Temp: 21.6 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 860.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.50 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 860 \text{ MHz}$; $\sigma = 0.97 \text{ S/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 860 MHz, ConvF(10.49, 10.49, 10.49) @ 860 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 67.61 V/m; Power Drift = -0.25 dB

Fast SAR: SAR(1 g) = 3.72 W/kg; SAR(10 g) = 2.59 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.73 W/kg

Below 2 GHz-Rev.3/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 = 67.61 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 4.99 W/kg

SAR(1 g) = 3.62 W/kg; SAR(10 g) = 2.61 W/kg (SAR corrected for target medium)

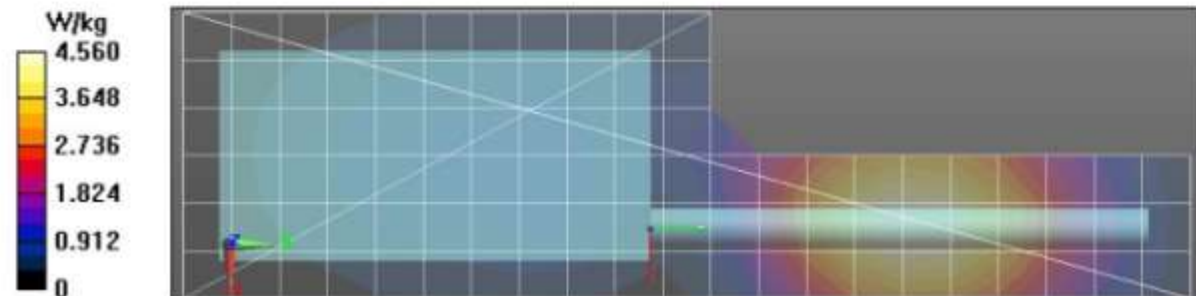
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 72.1%

Maximum value of SAR (measured) = 4.52 W/kg

Below 2 GHz-Rev.3/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) = 4.52 W/kg



Assessment for outside FCC Frequency range (762-776MHz) - Body Table 38

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/22/2022 10:33:06 AM

Robot#: DASY5-PG-2 | Run#: AF-AB-220322-09
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1050
 Tissue Temp: 21.7 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 762.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 2.97 (W)

Comments:

Communication System Band: Mahalo 700, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 762$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 762.013 MHz, ConvF(10.25, 10.25, 10.25) @ 762.013 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 53.62 V/m; Power Drift = -0.44 dB

Fast SAR: SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.36 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.42 W/kg

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

Reference Value = 53.62 V/m; Power Drift = -0.54 dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.42 W/kg (SAR corrected for target medium)

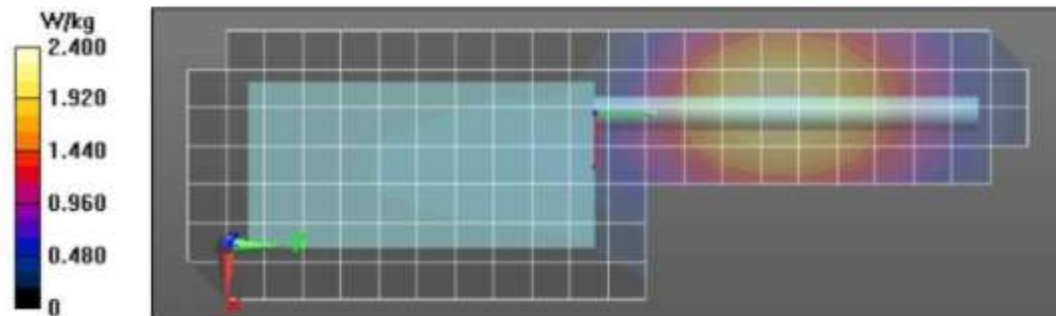
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.1%

Maximum value of SAR (measured) = 2.35 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

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



Assessment for outside FCC Frequency range (762-776MHz) - Face

Table 38

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2022 5:12:41 AM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-220127-07#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1050
 Tissue Temp: 18.8 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 762.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 2.96 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 762 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 762.013 MHz, ConvF(10.44, 10.44, 10.44) @ 762.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 42.91 V/m; Power Drift = -0.32 dB

Fast SAR: SAR(1 g) = 1.42 W/kg; SAR(10 g) = 1.01 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.78 W/kg

Below 2 GHz-Rev.3/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 = 42.91 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.49 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

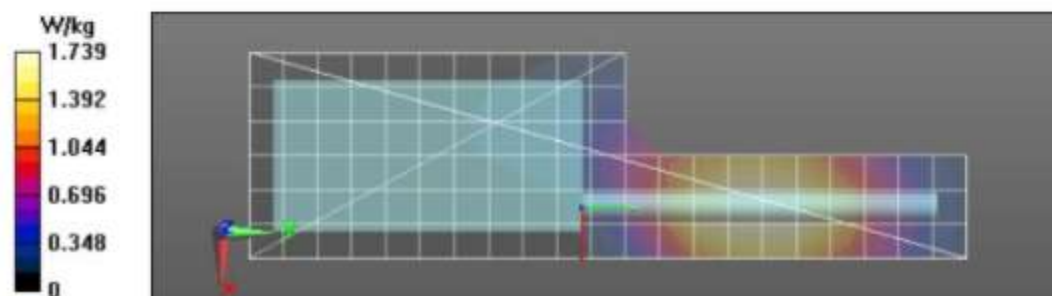
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.8%

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

Below 2 GHz-Rev.3/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) = 1.78 W/kg



Assessment for outside FCC Frequency range (792-824MHz) - Body Table 39

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 3:08:58 PM

Robot#: DASY5-PG-1 | Run#: AF-AB-220128-12
 Phantom#: EL14 1011
 Tissue Temp: 20.6 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 792.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: PMMN4128A
 Start Power: 3.58 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 792 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 792.013 MHz, ConvF(10.44, 10.44, 10.44) @ 792.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 47.52 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 1.7 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)

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

Below 2 GHz-Rev.3/Ab 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 = 47.52 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.31 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

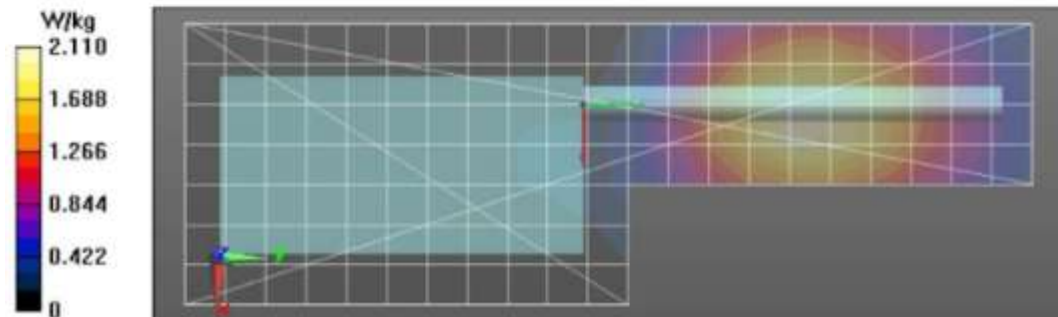
Ratio of SAR at M2 to SAR at M1 = 77.7%

Maximum value of SAR (measured) = 2.07 W/kg

Below 2 GHz-Rev.3/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) = 2.06 W/kg



Assessment for outside FCC Frequency range (792-824MHz) - Face

Table 39

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2022 4:00:31 PM

Robot#: DASY5-PG-1 | Run#: AF-FACE-220128-13
 Phantom#: ELI4 1011
 Tissue Temp: 20.6 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 792.0125 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.60 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 792 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 792.013 MHz, ConvF(10.44, 10.44, 10.44) @ 792.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 48.92 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 1.89 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.3/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 = 48.92 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.45 W/kg (SAR corrected for target medium)

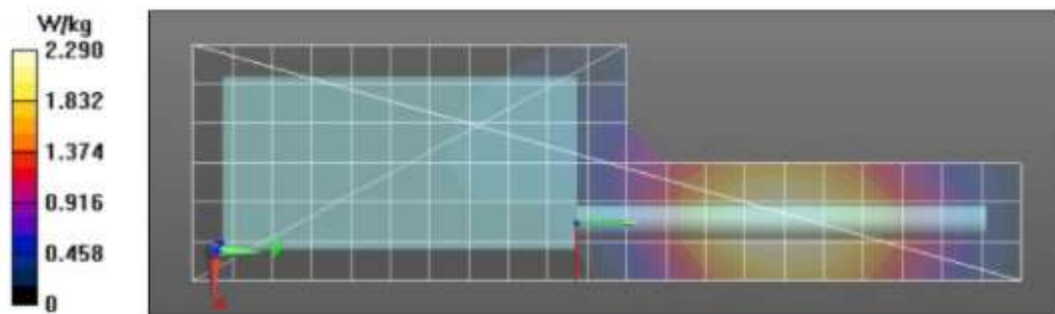
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 77.4%

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

Below 2 GHz-Rev.3/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) = 2.30 W/kg



Assessment at the WLAN 2.4GHz Body (802.11b)

Table 41

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/10/2022 12:16:40 AM

Robot#: DASY5-PG-3 | Run#: BAD-AB-220610-01#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1108
 Tissue Temp: 20.2 (C)
 Serial#: 657TYK0099
 Antenna: AN000410A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 0.0519 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.4243,

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.79 \text{ S/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2412 MHz, ConvF(7.83, 7.83, 7.83) @ 2412 MHz

Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Reference Value = 8.449 V/m; Power Drift = -0.31 dB

Fast SAR: SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.183 W/kg

2-3 GHz-Rev.3/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.449 V/m; Power Drift = -0.30 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.060 W/kg (SAR corrected for target medium)

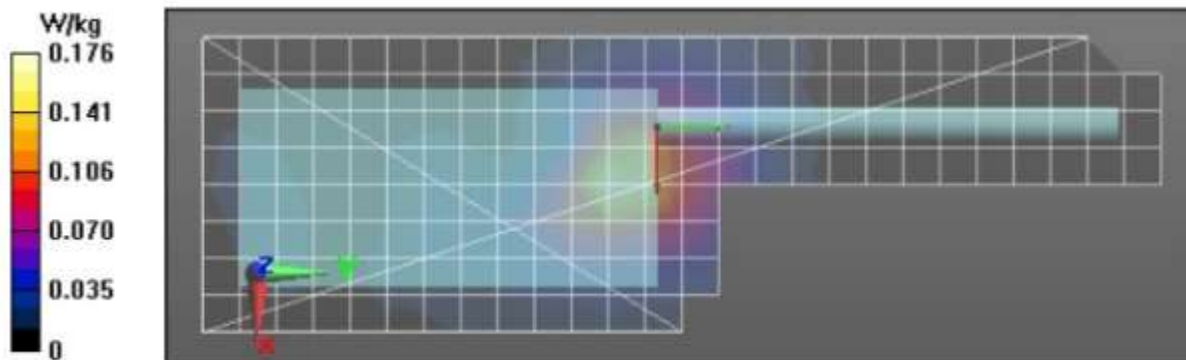
Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 0.197 W/kg

2-3 GHz-Rev.3/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) = 0.196 W/kg



Assessment at the WLAN 2.4GHz Face (802.11b)

Table 42

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/2/2022 4:33:48 AM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220702-02
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1011
 Tissue Temp: 20.5 (C)
 Serial#: 657TYB0099
 Antenna: AN000410A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0467 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.4243,

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 2412 MHz, ConvF(8.13, 8.13, 8.13) @ 2412 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.252 V/m; Power Drift = 0.29 dB

Fast SAR: SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0395 W/kg

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

Reference Value = 4.252 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg (SAR corrected for target medium)

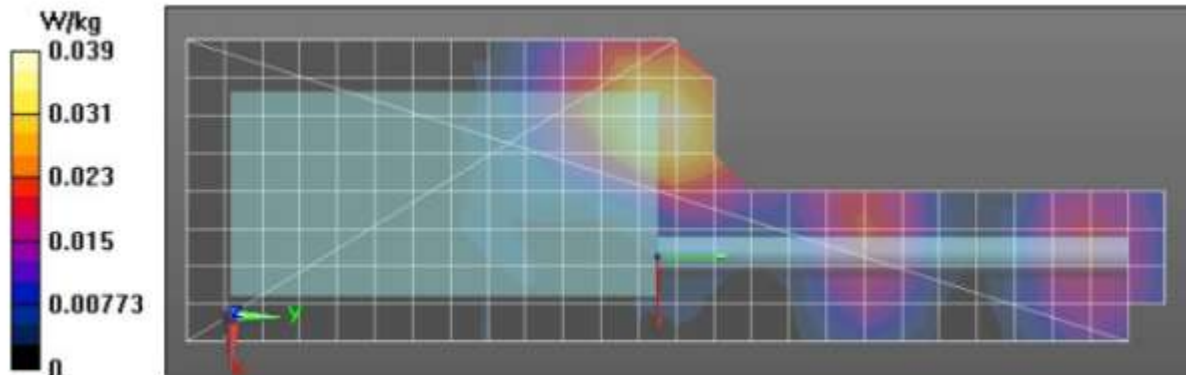
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 49.9%

Maximum value of SAR (measured) = 0.0416 W/kg

2-3 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0411 W/kg



Assessment at the ISED, Canada WLAN 2.4GHz Body (802.11b)

Table 43

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/10/2022 12:16:40 AM

Robot#: DASY5-PG-3 | Run#: BAD-AB-220610-01#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1108
 Tissue Temp: 20.2 (C)
 Serial#: 657TYK0099
 Antenna: AN000410A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 0.0519 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.4243,

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2412 MHz, ConvF(7.83, 7.83, 7.83) @ 2412 MHz

Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 8.449 V/m; Power Drift = -0.31 dB

Fast SAR: SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.183 W/kg

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

Reference Value = 8.449 V/m; Power Drift = -0.30 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.060 W/kg (SAR corrected for target medium)

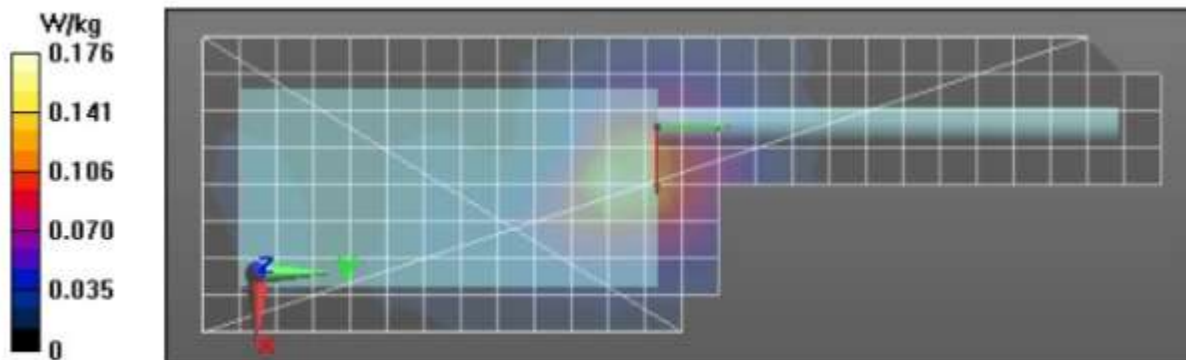
Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 0.197 W/kg

2-3 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.196 W/kg



Assessment at the ISED, Canada WLAN 2.4GHz Face (802.11b)
Table 43

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/2/2022 4:33:48 AM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220702-02
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1011
 Tissue Temp: 20.5 (C)
 Serial#: 657TYB0099
 Antenna: AN000410A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0467 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.4243,

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.84$ S/m; $v_t = 38.1$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 2412 MHz, ConvF(8.13, 8.13, 8.13) @ 2412 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.252 V/m; Power Drift = 0.29 dB

Fast SAR: SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0395 W/kg

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

Reference Value = 4.252 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg (SAR corrected for target medium)

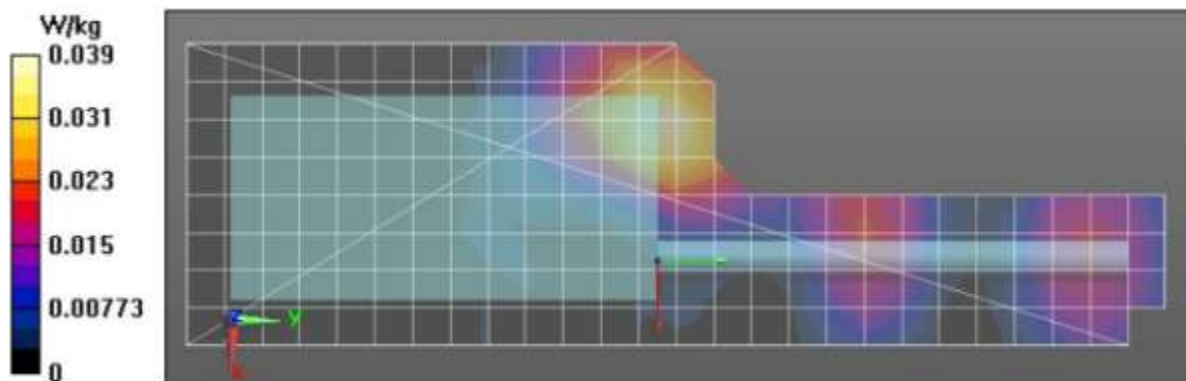
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 49.9%

Maximum value of SAR (measured) = 0.0416 W/kg

2-3 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0411 W/kg



Assessment at the WLAN 5GHz Body (U-NII-2A)

Table 45

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/30/2022 2:57:55 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-220130-02#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1022
 Tissue Temp: 21.4 (C)
 Serial#: 657TYB0677
 Antenna: AN000410A01
 Test Freq: 5300.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 0.0240 (W)

Comments:

Communication System Band: U-NII-1, U-NII-2A (5170 - 5330 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.47$ S/m; $\epsilon_r = 32.4$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5300 MHz, ConvF(5.38, 5.38, 5.38) @ 5300 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.663 V/m; Power Drift = -0.49 dB

Fast SAR: SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0754 W/kg

4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (11x16x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.663 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0091 W/kg (SAR corrected for target medium)

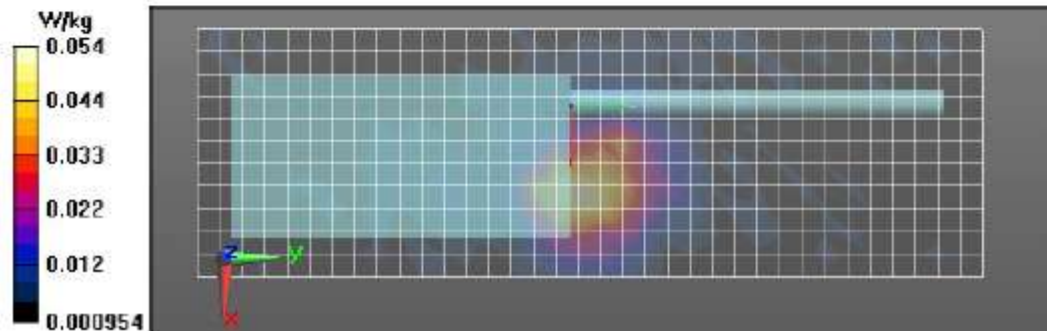
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 47.8%

Maximum value of SAR (measured) = 0.0533 W/kg

4-6 GHz-Rev.5/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0468 W/kg



Assessment at the WLAN 5GHz Face (U-NII-2A)

Table 46

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/1/2022 10:04:18 PM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220701-11
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1011
 Tissue Temp: 21.3 (C)
 Serial#: 657TYK0099
 Antenna: AN000410A01
 Test Freq: 5260.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0195 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.34$ S/m; $v_t = 32.7$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 5260 MHz, ConvF(5.66, 5.66, 5.66) @ 5260 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.963 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0574 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.963 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)

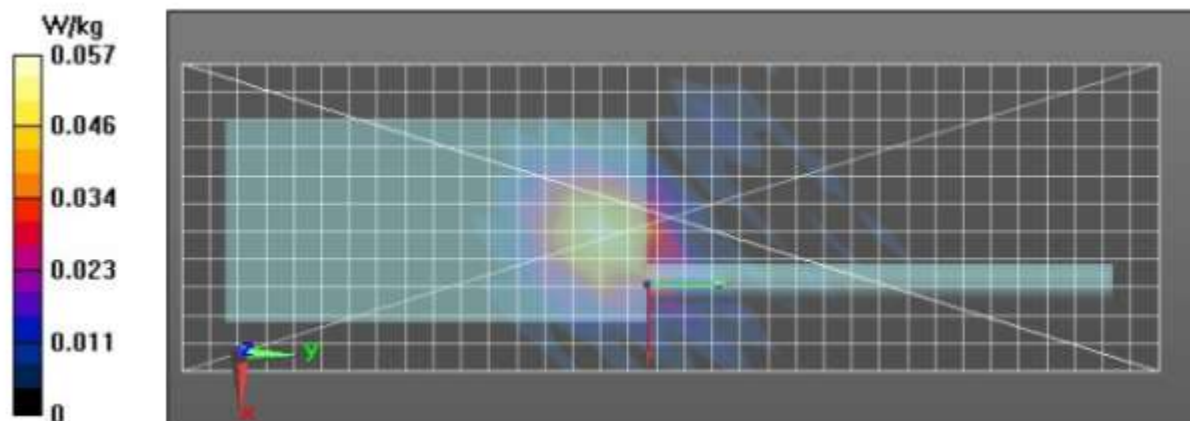
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 59%

Maximum value of SAR (measured) = 0.0573 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0465 W/kg



Assessment at the ISED, Canada WLAN 5GHz Body (U-NII-2A)

Table 47

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/12/2022 12:28:19 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-220212-08
 Model#: H15UCF9PW6AN (PMUF1998A)
 Phantom#: ELI4 1108
 Tissue Temp: 21.5 (C)
 Serial#: 657TYB0457
 Antenna: AN000410A01
 Test Freq: 5260.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8369A
 Audio Acc: None
 Start Power: 0.0195 (W)

Comments:

Communication System Band: U-NII-1, U-NII-2A (5170 - 5330 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.33$ S/m; $\epsilon_r = 33.3$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5260 MHz, ConvF(5.38, 5.38, 5.38) @ 5260 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (121x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.740 V/m; Power Drift = -0.32 dB

Fast SAR: SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.012 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0611 W/kg

4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (10x12x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.740 V/m; Power Drift = -0.44 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)

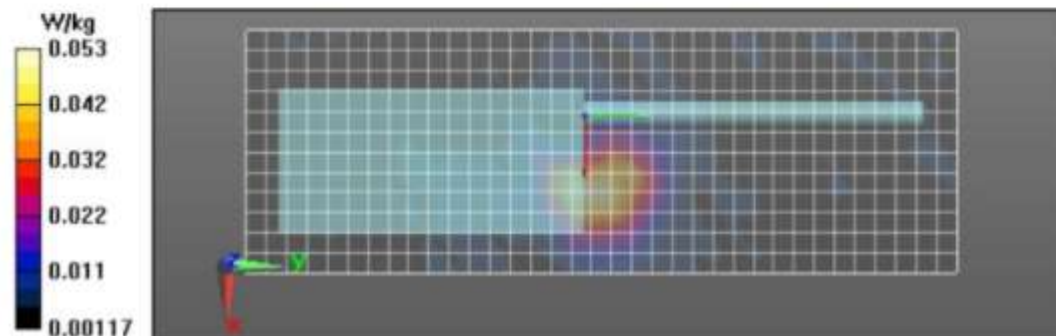
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 79.4%

Maximum value of SAR (measured) = 0.0967 W/kg

4-6 GHz-Rev.5/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0478 W/kg



Assessment at the ISED, Canada WLAN 5GHz Face (U-NII-2A)

Table 47

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/1/2022 10:04:18 PM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220701-11
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1011
 Tissue Temp: 21.3 (C)
 Serial#: 657TYK0099
 Antenna: AN000410A01
 Test Freq: 5260.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0195 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.34$ S/m; $\epsilon_r = 32.7$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 5260 MHz, ConvF(5.66, 5.66, 5.66) @ 5260 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.963 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0574 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.963 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)

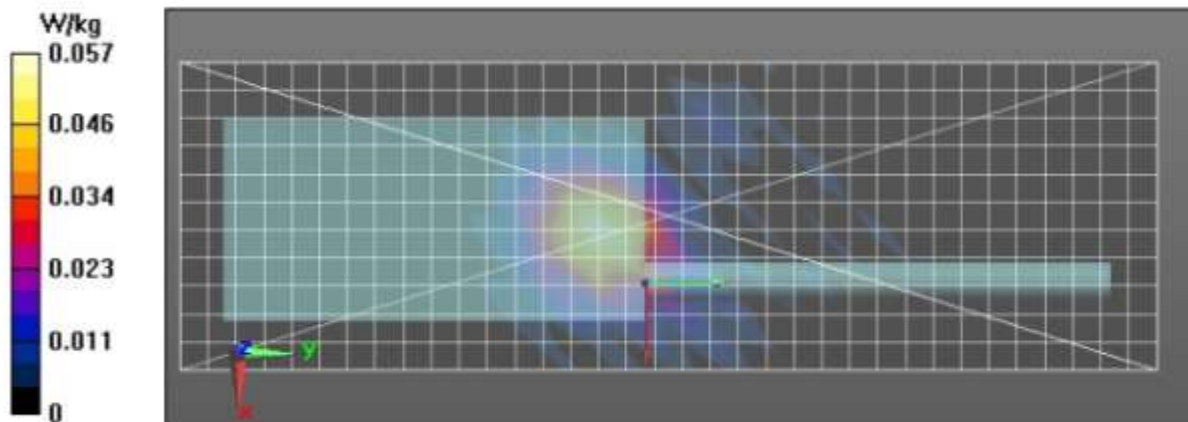
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 59%

Maximum value of SAR (measured) = 0.0573 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0465 W/kg



Assessment at the WLAN 5GHz Body (U-NII-2C)

Table 48

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/1/2022 5:54:22 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-220201-09#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: EL14 1022
 Tissue Temp: 20.9 (C)
 Serial#: 657TYB0677
 Antenna: AN000410A01
 Test Freq: 5560.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: None
 Start Power: 0.0256 (W)

Comments:

Communication System Band: U-NII-2C Standalone (5490 - 5710 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5560$ MHz; $\sigma = 4.85$ S/m; $\epsilon_r = 33.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5560 MHz, ConvF(4.86, 4.86, 4.86) @ 5560 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Shortened Ab Scan/1-Area Scan (121x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 1.677 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.00658 W/kg; SAR(10 g) = 0.00192 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0315 W/kg

4-6 GHz-Rev.5/Shortened Ab Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.412 V/m; Power Drift = -0.35 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00271 W/kg (SAR corrected for target medium)

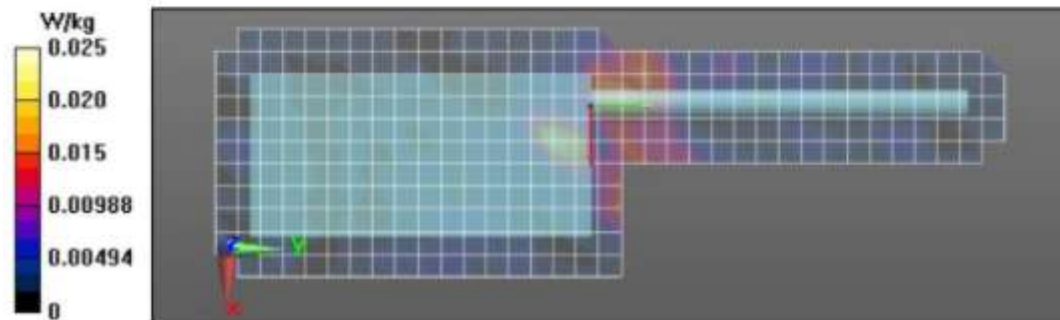
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 0.0500 W/kg

4-6 GHz-Rev.5/Shortened Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0519 W/kg



Assessment at the WLAN 5GHz Face (U-NII-2C)

Table 49

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/2/2022 1:33:14 AM

Robot#: DASY5-PG-2 | Run#: SAN-FACE-220202-02#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1022
 Tissue Temp: 21.5 (C)
 Serial#: 657TYB0677
 Antenna: AN000410A01
 Test Freq: 5560.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0256 (W)

Comments:

Communication System Band: U-NII-2C Standalone (5490 - 5710 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5560$ MHz; $\sigma = 4.71$ S/m; $\epsilon_r = 32.8$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5560 MHz, ConvF(4.86, 4.86, 4.86) @ 5560 MHz

Electronics: DAE4 Ssl598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.560 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.010 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0570 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (11x9x12)/Cube 0: Measurement grid: dx=4mm,

dy=4mm, dz=2mm

Reference Value = 3.560 V/m; Power Drift = -0.24 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.010 W/kg (SAR corrected for target medium)

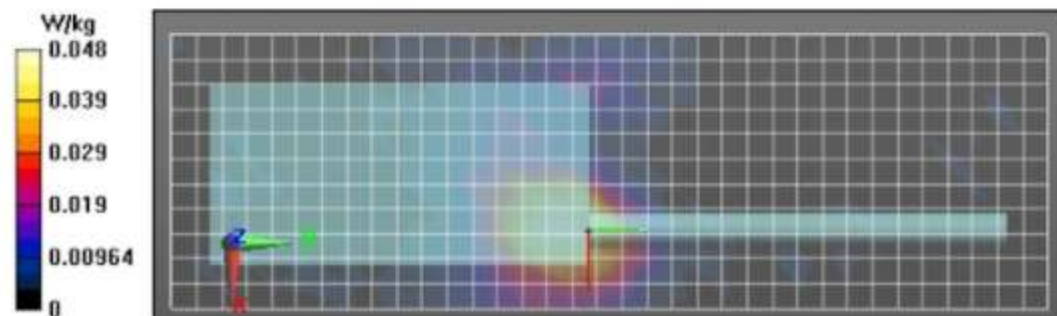
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 39.6%

Maximum value of SAR (measured) = 0.0541 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.00618 W/kg



Assessment at the ISED, Canada WLAN 5GHz Body (U-NII-2C)

Table 50

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/2/2022 4:22:33 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-220202-09#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1022
 Tissue Temp: 21.2 (C)
 Serial#: 657TYB0677
 Antenna: AN000410A01
 Test Freq: 5640.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: None
 Start Power: 0.0201 (W)

Comments:

Communication System Band: U-NII-2C Standalone (5490 - 5710 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5640$ MHz; $\sigma = 4.8$ S/m; $\epsilon_r = 32.6$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5640 MHz, ConvF(4.86, 4.86, 4.86) @ 5640 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.304 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00442 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0817 W/kg

4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.304 V/m; Power Drift = 0.37 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00759 W/kg (SAR corrected for target medium)

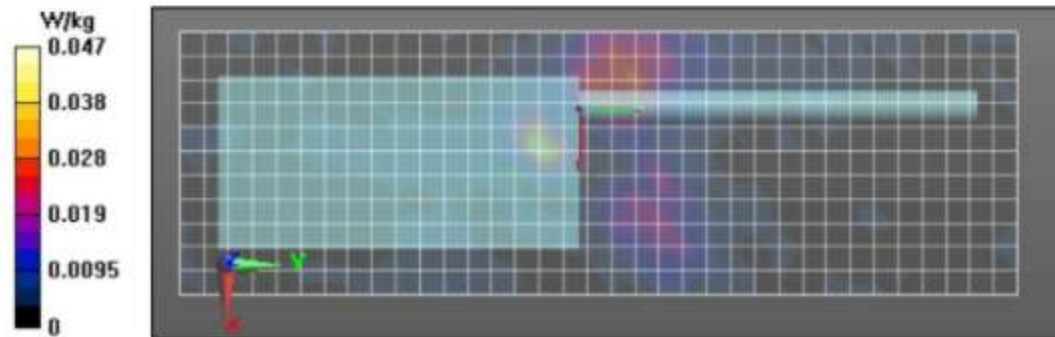
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 0.0723 W/kg

4-6 GHz-Rev.5/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0627 W/kg



Assessment at the ISED, Canada WLAN 5GHz Face (U-NII-2C)

Table 50

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/3/2022 1:57:40 AM

Robot#: DASY5-PG-2 | Run#: SAN-FACE-220203-02#
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1022
 Tissue Temp: 21.9 (C)
 Serial#: 657TYB0677
 Antenna: AN000410A01
 Test Freq: 5640.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0201 (W)

Comments:

Communication System Band: U-NII-2C Standalone (5490 - 5710 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5640$ MHz; $\sigma = 4.87$ S/m; $\epsilon_r = 32.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5640 MHz, ConvF(4.86, 4.86, 4.86) @ 5640 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 4.396 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.015 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0740 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.396 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg (SAR corrected for target medium)

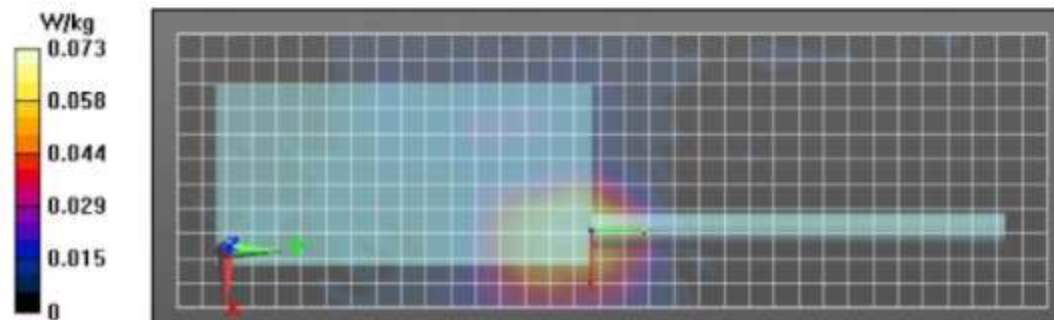
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 50.3%

Maximum value of SAR (measured) = 0.0792 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0704 W/kg



Assessment at the WLAN 5GHz Body (U-NII-3)

Table 51

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/13/2022 3:22:15 AM

Robot#: DASY5-PG-2 | Run#: SAN-AB-220213-03#
 Model#: H15UCF9PW6AN (PMUF1998A)
 Phantom#: ELI4 1108
 Tissue Temp: 22.5 (C)
 Serial#: 657TYB0457
 Antenna: AN000410A01
 Test Freq: 5660.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: None
 Start Power: 0.0225 (W)

Comments:

Communication System Band: U-NII-2C, U-NII-3 (5650 - 5835 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5660$ MHz; $\sigma = 4.7$ S/m; $\epsilon_r = 32.9$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5660 MHz, ConvF(4.86, 4.86) @ 5660 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (121x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.469 V/m; Power Drift = 0.34 dB

Fast SAR: SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00514 W/kg (SAR corrected for target medium)

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

4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.469 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

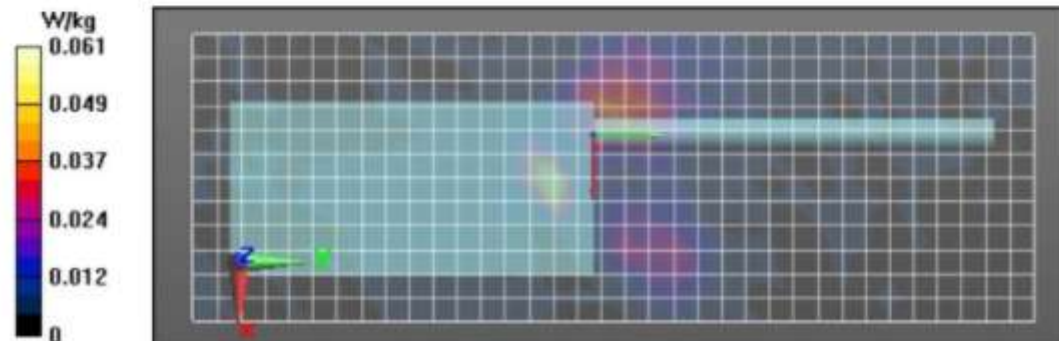
Smallest distance from peaks to all points 3 dB below = 2.5 mm

Ratio of SAR at M2 to SAR at M1 = 33.6%

Maximum value of SAR (measured) = 0.0856 W/kg

4-6 GHz-Rev.5/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0910 W/kg



Assessment at the WLAN 5GHz Face (U-NII-3)

Table 52

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/4/2022 11:39:02 PM

Robot#: DASY5-PG-2 | Run#: AF-FACE-220204-12
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: EL14 1022
 Tissue Temp: 19.1 (C)
 Serial#: 657TYB0677
 Antenna: AN000410A01
 Test Freq: 5660.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0225 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5660$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 32.3$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5660 MHz, ConvF(4.86, 4.86, 4.86) @ 5660 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 4.958 V/m; Power Drift = -0.55 dB

Fast SAR: SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.101 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (10x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.958 V/m; Power Drift = -0.40 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)

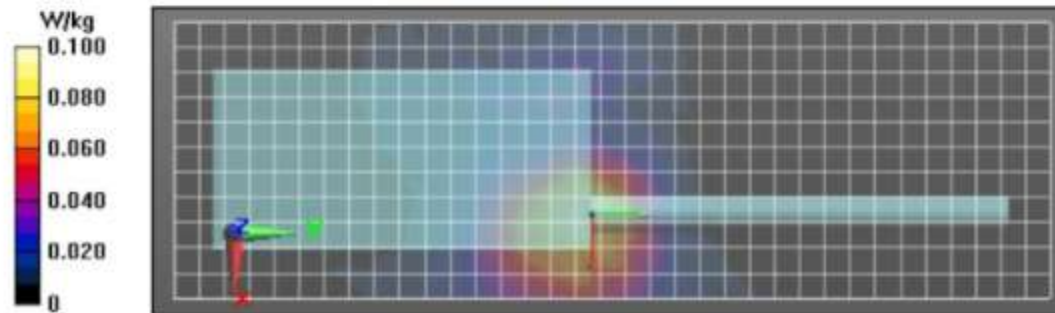
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 42.7%

Maximum value of SAR (measured) = 0.0957 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0964 W/kg



Assessment at the ISED, Canada WLAN 5GHz Body (U-NII-3)

Table 53

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/13/2022 3:22:15 AM

Robot#: DASY5-PG-2 | Run#: SAN-AB-220213-03#
 Model#: H15UCF9PW6AN (PMUF1998A)
 Phantom#: ELI4 1108
 Tissue Temp: 22.5 (C)
 Serial#: 657TYB0457
 Antenna: AN000410A01
 Test Freq: 5660.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: PMLN8370A
 Audio Acc: None
 Start Power: 0.0225 (W)

Comments:

Communication System Band: U-NII-2C, U-NII-3 (5650 - 5835 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5660$ MHz; $\sigma = 4.7$ S/m; $\epsilon_r = 32.9$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5660 MHz, ConvF(4.86, 4.86, 4.86) @ 5660 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (121x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.469 V/m; Power Drift = 0.34 dB

Fast SAR: SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00514 W/kg (SAR corrected for target medium)

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

4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.469 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

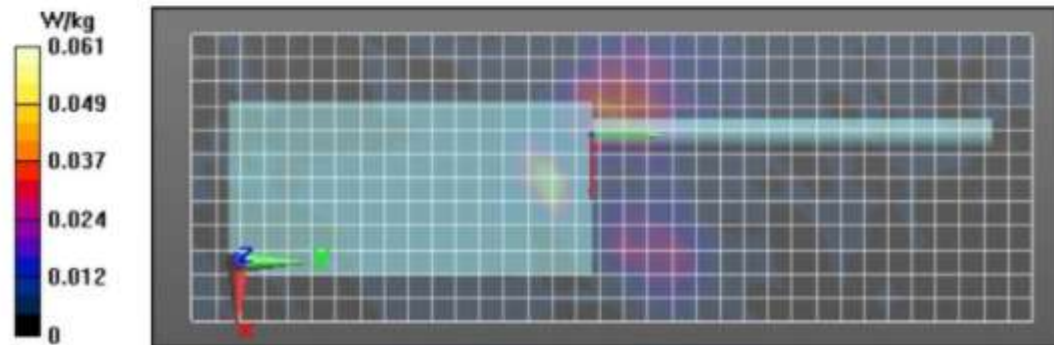
Smallest distance from peaks to all points 3 dB below = 2.5 mm

Ratio of SAR at M2 to SAR at M1 = 33.6%

Maximum value of SAR (measured) = 0.0856 W/kg

4-6 GHz-Rev.5/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0910 W/kg



Assessment at the ISED, Canada WLAN 5GHz Face (U-NII-3)

Table 53

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/4/2022 11:39:02 PM

Robot#: DASY5-PG-2 | Run#: AF-FACE-220204-12
 Model#: H25UCF9PW6AN (PMUF1999A)
 Phantom#: ELI4 1022
 Tissue Temp: 19.1 (C)
 Serial#: 657TYB0677
 Antenna: AN000410A01
 Test Freq: 5660.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: Radio @ front 2.5cm
 Audio Acc: None
 Start Power: 0.0225 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5660$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 32.3$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5660 MHz, ConvF(4.86, 4.86, 4.86) @ 5660 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x351x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 4.958 V/m; Power Drift = -0.55 dB

Fast SAR: SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.101 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (10x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.958 V/m; Power Drift = -0.40 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)

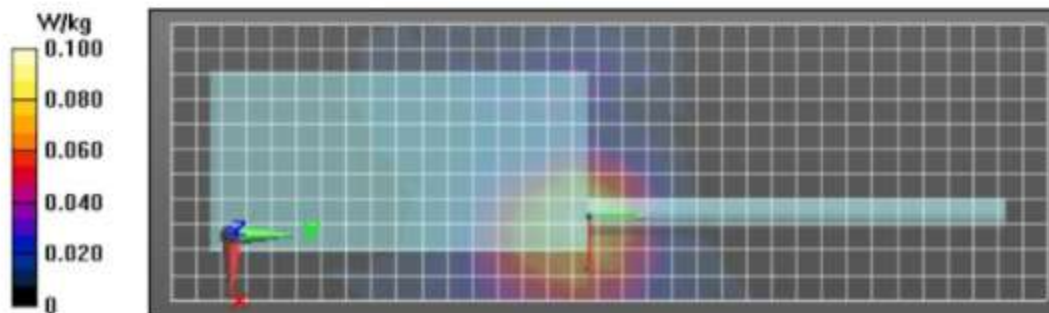
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 42.7%

Maximum value of SAR (measured) = 0.0957 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.0964 W/kg



APPENDIX F

Shortened Scan

Table 54

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/30/2022 3:29:26 PM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-220630-09
 Phantom#: ELI4 1011
 Tissue Temp: 21.6 (C)
 Serial#: 657TYB0708
 Antenna: AN000411A01
 Test Freq: 860.0000 (MHz)
 Battery: PMNN4813A
 Carry Acc: @front
 Audio Acc: N/A
 Start Power: 3.60 (W)

Comments:

Communication System Band: Mahalo , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 860 \text{ MHz}$; $\sigma = 0.97 \text{ S/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 860 MHz, ConvF(10.49, 10.49, 10.49) @ 860 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x211x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 63.05 V/m; Power Drift = -0.23 dB

Fast SAR: SAR(1 g) = 3.15 W/kg; SAR(10 g) = 2.2 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.99 W/kg

Below 2 GHz-Rev.3/Face Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: $dx=0.7500 \text{ mm}$, $dy=0.7500 \text{ mm}$, $dz=1.000 \text{ mm}$

Reference Value = 63.05 V/m; Power Drift = -0.21 dB

Fast SAR: SAR(1 g) = 3.16 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.94 W/kg

Below 2 GHz-Rev.3/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 = 69.57 V/m; Power Drift = -0.26 dB

Peak SAR (extrapolated) = 4.63 W/kg

SAR(1 g) = 3.36 W/kg; SAR(10 g) = 2.42 W/kg (SAR corrected for target medium)

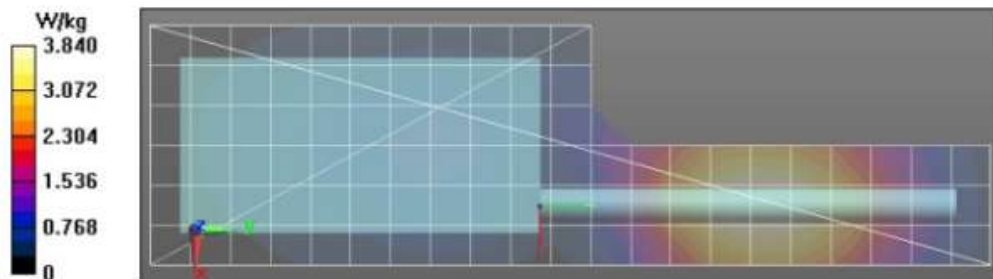
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 72.1%

Maximum value of SAR (measured) = 4.20 W/kg

Below 2 GHz-Rev.3/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) = 3.93 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)	54	8	1.78
Full scan (area & zoom)	34	22	1.94

APPENDIX G

DUT Test Position Photos

Photos available in Exhibit 7B

APPENDIX H
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B