

 MOTOROLA SOLUTIONS	   																																								
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2																																									
Motorola Solutions Inc. EME Test Laboratory Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas, Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.	Date of Report: 11/18/2021 Report Revision: A																																								
<table border="0"> <tr> <td style="vertical-align: top;">Responsible Engineer:</td> <td>Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)</td> </tr> <tr> <td style="vertical-align: top;">Report Author:</td> <td>Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)</td> </tr> <tr> <td style="vertical-align: top;">Date/s Tested:</td> <td>9/23/2021-10/4/2021, 11/2/2021-11/3/2021, 11/16/2021</td> </tr> <tr> <td style="vertical-align: top;">Manufacturer:</td> <td>Motorola Solutions Inc.</td> </tr> <tr> <td style="vertical-align: top;">DUT Descriptions:</td> <td>Handheld Portable – CP200d 403-470M 4W ND</td> </tr> <tr> <td style="vertical-align: top;">Test TX mode(s):</td> <td>CW (PTT)</td> </tr> <tr> <td style="vertical-align: top;">Max. Power output:</td> <td>4.8W</td> </tr> <tr> <td style="vertical-align: top;">Nominal Power:</td> <td>4.0W</td> </tr> <tr> <td style="vertical-align: top;">Tx Frequency Bands:</td> <td>403-470MHz</td> </tr> <tr> <td style="vertical-align: top;">Signaling type:</td> <td>FM</td> </tr> <tr> <td style="vertical-align: top;">Model(s) Tested:</td> <td>AAH01QDC9JA2AN (PMUE4147C) / PMUE4147CAANAA</td> </tr> <tr> <td style="vertical-align: top;">Model(s) Certified:</td> <td>AAH01QDC9JA2AN (PMUE4147C) / PMUE4147CAANAA; AAH01QDC9JC2AN (PMUE4147C) / PMUE4147CAANEA</td> </tr> <tr> <td style="vertical-align: top;">Serial Number(s):</td> <td>752TXT0618, 752TXT0613</td> </tr> <tr> <td style="vertical-align: top;">Classification:</td> <td>Occupational/Controlled</td> </tr> <tr> <td style="vertical-align: top;">Applicant Name:</td> <td>Motorola Solutions Inc.</td> </tr> <tr> <td style="vertical-align: top;">Applicant Address:</td> <td>8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322</td> </tr> <tr> <td style="vertical-align: top;">FCC ID:</td> <td>AZ489FT4968; LMR 406.125-470 MHz</td> </tr> <tr> <td style="vertical-align: top;">IC:</td> <td>109U-89FT4968; This report contains results that are immaterial for ISED equipment approval, which are clearly identified.</td> </tr> <tr> <td style="vertical-align: top;">ISED Test Site registration:</td> <td>24843</td> </tr> <tr> <td style="vertical-align: top;">FCC Test Firm Registration Number:</td> <td>823256</td> </tr> </table> 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).		Responsible Engineer:	Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)	Report Author:	Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)	Date/s Tested:	9/23/2021-10/4/2021, 11/2/2021-11/3/2021, 11/16/2021	Manufacturer:	Motorola Solutions Inc.	DUT Descriptions:	Handheld Portable – CP200d 403-470M 4W ND	Test TX mode(s):	CW (PTT)	Max. Power output:	4.8W	Nominal Power:	4.0W	Tx Frequency Bands:	403-470MHz	Signaling type:	FM	Model(s) Tested:	AAH01QDC9JA2AN (PMUE4147C) / PMUE4147CAANAA	Model(s) Certified:	AAH01QDC9JA2AN (PMUE4147C) / PMUE4147CAANAA; AAH01QDC9JC2AN (PMUE4147C) / PMUE4147CAANEA	Serial Number(s):	752TXT0618, 752TXT0613	Classification:	Occupational/Controlled	Applicant Name:	Motorola Solutions Inc.	Applicant Address:	8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322	FCC ID:	AZ489FT4968; LMR 406.125-470 MHz	IC:	109U-89FT4968; This report contains results that are immaterial for ISED equipment approval, which are clearly identified.	ISED Test Site registration:	24843	FCC Test Firm Registration Number:	823256
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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: 11/22/2021																																									

Appendix E

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/23/2021 10:51:01 PM

Robot#: DASY5-xx-x | Run#: AF-SYSP-450H-210923-01
 Dipole Model#: D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.120 dB
 Adjusted SAR (1W): 4.80 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 45.1$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 44.37 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.897 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.66 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 = 44.37 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.798 W/kg (SAR corrected for target medium)

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

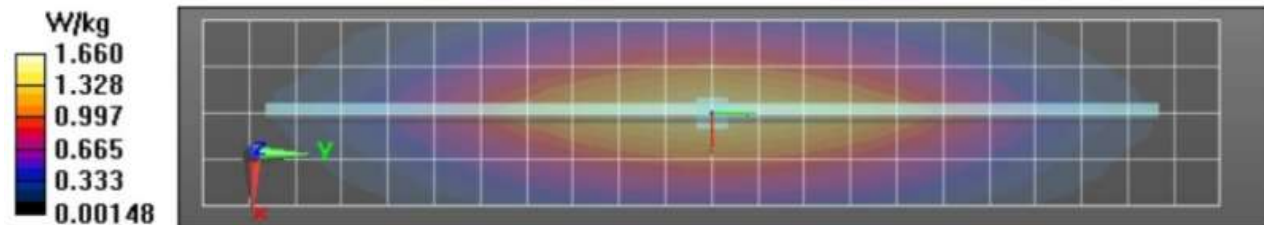
Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 1.66 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) = 1.67 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/24/2021 10:19:58 PM

Robot#: DASY5-xx-x | Run#: AF(SAN)-SYSP-450H-210924-17
 Dipole Model#: D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.130 dB
 Adjusted SAR (1W): 4.92 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 45.84 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.931 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.71 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 = 45.84 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.809 W/kg (SAR corrected for target medium)

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

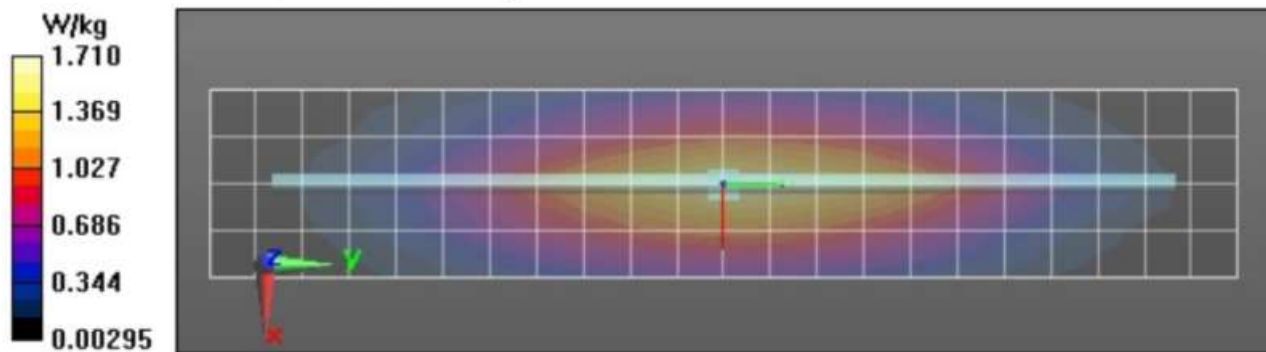
Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 1.72 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) = 1.71 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/25/2021 11:05:00 PM

Robot#: DASY5-xx-x | Run#: AF(SAN)-SYSP-450H-210925-15
 Dipole Model#: D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.120 dB
 Adjusted SAR (1W): 5.00 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 450$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz

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

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 45.71 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.941 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.75 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 = 45.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.828 W/kg (SAR corrected for target medium)

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

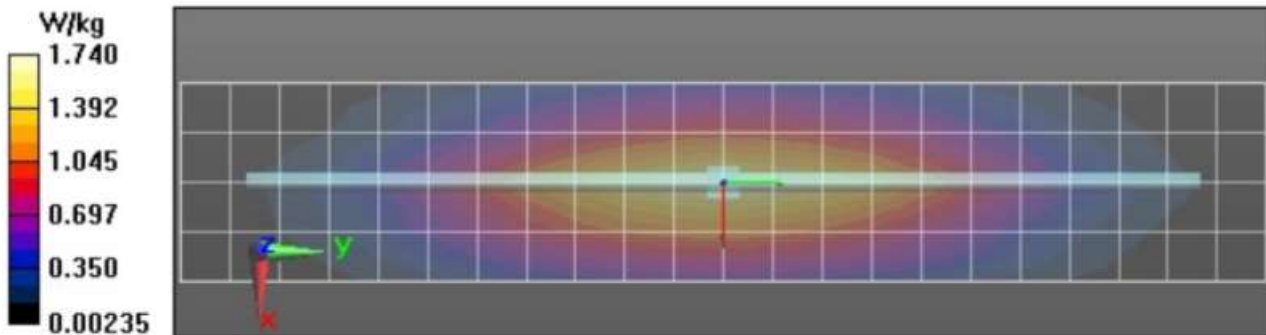
Ratio of SAR at M2 to SAR at M1 = 62%

Maximum value of SAR (measured) = 1.75 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) = 1.74 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/27/2021 12:54:35 AM

Robot#: DASY5-xx-x | Run#: AF(SAN)-SYSP-450H-210927-01
 Dipole Model#: D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 21.8 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.120 dB
 Adjusted SAR (1W): 4.76 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

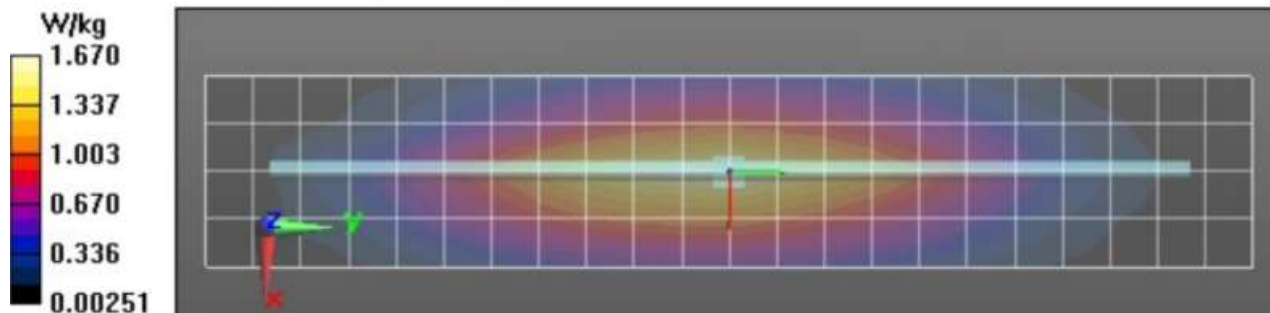
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 44.66 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.897 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.68 W/kg

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 = 44.66 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.786 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 = 62.3%
 Maximum value of SAR (measured) = 1.68 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) = 1.68 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/28/2021 12:47:54 AM

Robot#: DASY5-xx-x | Run#: MHI-SYSP-450H-210928-01
 Dipole Model#: D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 20.4 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.140 dB
 Adjusted SAR (1W): 4.76 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 450$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz

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

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 45.79 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.898 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.70 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 = 45.79 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.795 W/kg (SAR corrected for target medium)

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

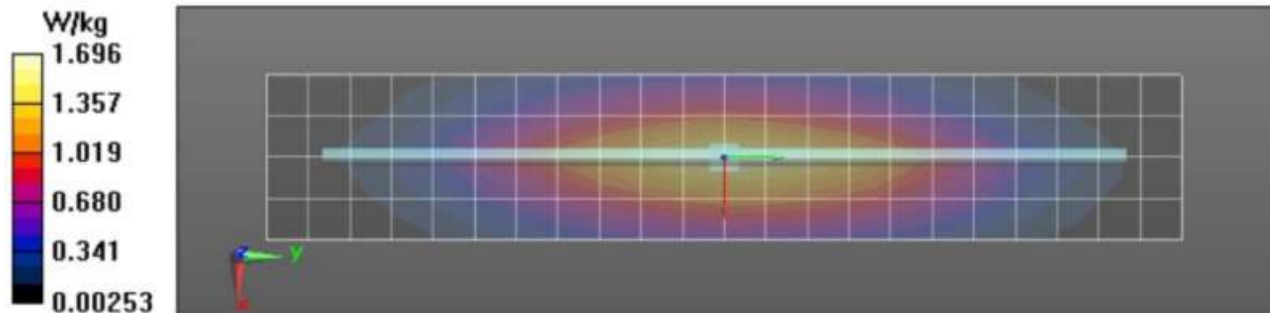
Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 1.71 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) = 1.75 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/29/2021 2:25:36 AM

Robot#: DASY5-xx-x | Run#: MHI-SYSP-450H-210929-02
 Dipole Model#: D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 20.6 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.110 dB
 Adjusted SAR (1W): 4.68 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 450$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz

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

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 43.95 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.871 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.59 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 = 43.95 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.775 W/kg (SAR corrected for target medium)

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

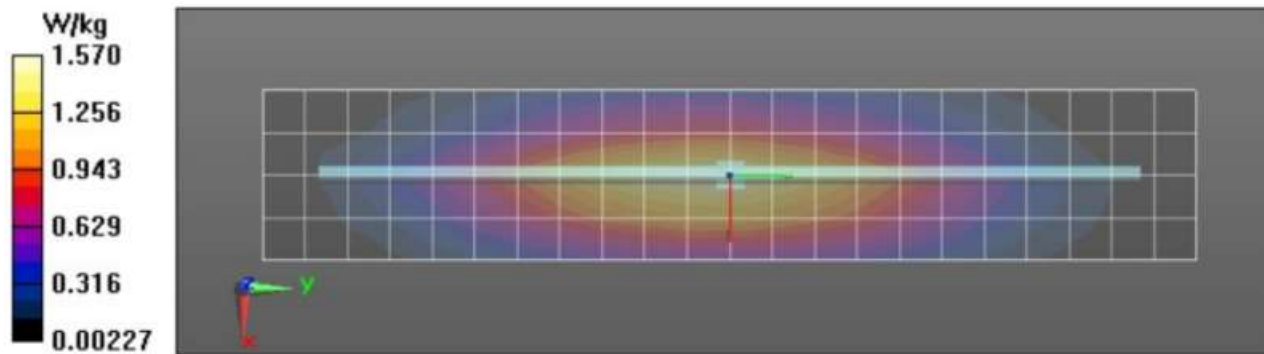
Ratio of SAR at M2 to SAR at M1 = 62.5%

Maximum value of SAR (measured) = 1.63 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) = 1.62 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/30/2021 2:28:19 AM

Robot#: DASY5-xx-x | Run#: MHI-SYSP-450H-210930-02
 Dipole Model#: D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 22.5 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.100 dB
 Adjusted SAR (1W): 4.72 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

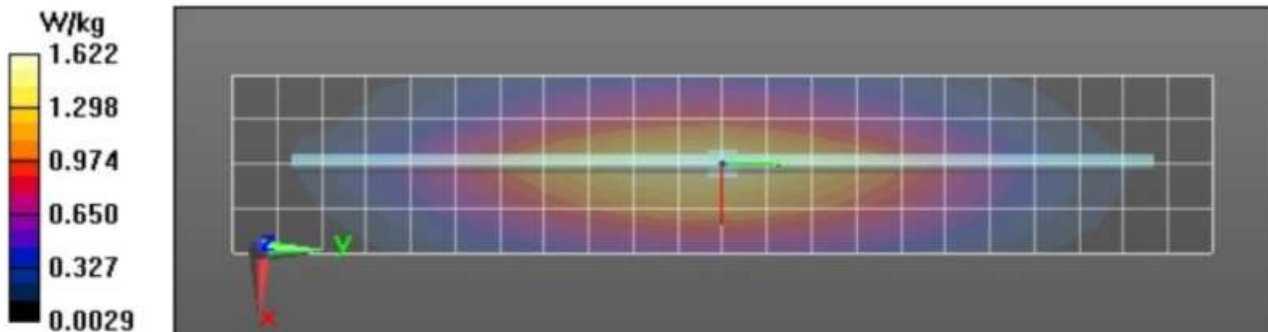
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 45.35 V/m; Power Drift = -0.19 dB
Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.885 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.64 W/kg

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 = 45.35 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.780 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 = 62%
 Maximum value of SAR (measured) = 1.67 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) = 1.70 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/1/2021 3:59:29 AM

Robot#: DASY5-xx-x | Run#: MFR-SYSP-450H-211001-03
 Dipole Model# D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 22.0 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.11 dB
 Adjusted SAR (1W): 4.76 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 450$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz

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

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 44.66 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.899 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.65 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 = 44.66 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.791 W/kg (SAR corrected for target medium)

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

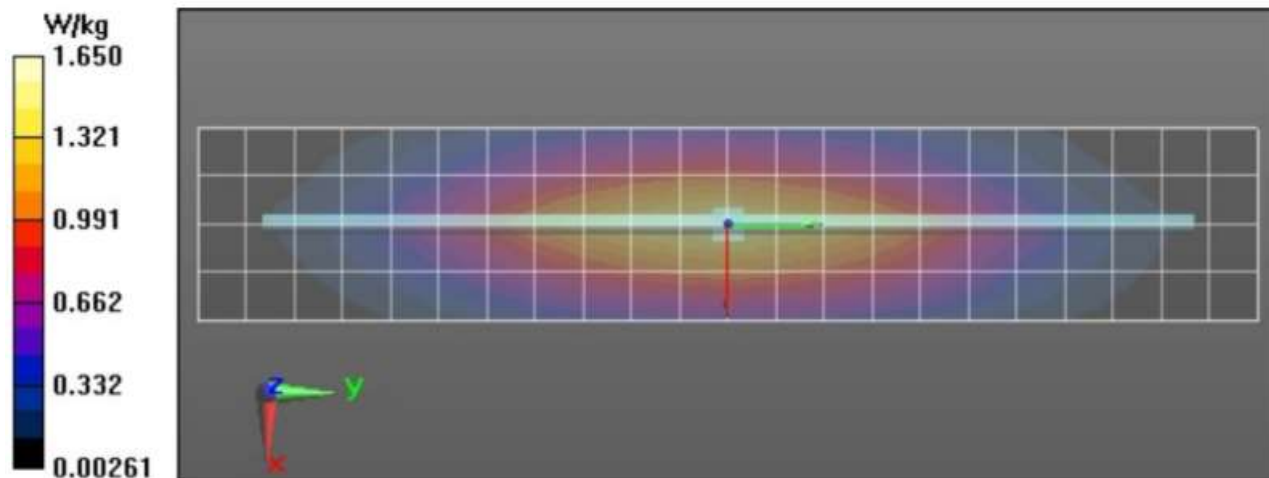
Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 1.65 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) = 1.65 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/2/2021 3:36:56 AM

Robot#: DASY5-xx-x | Run#: MFR-SYSP-450H-211002-06
 Dipole Model# D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 22.0 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.15 dB
 Adjusted SAR (1W): 4.84 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 46.12 V/m; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.912 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.70 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 = 46.12 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.804 W/kg (SAR corrected for target medium)

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

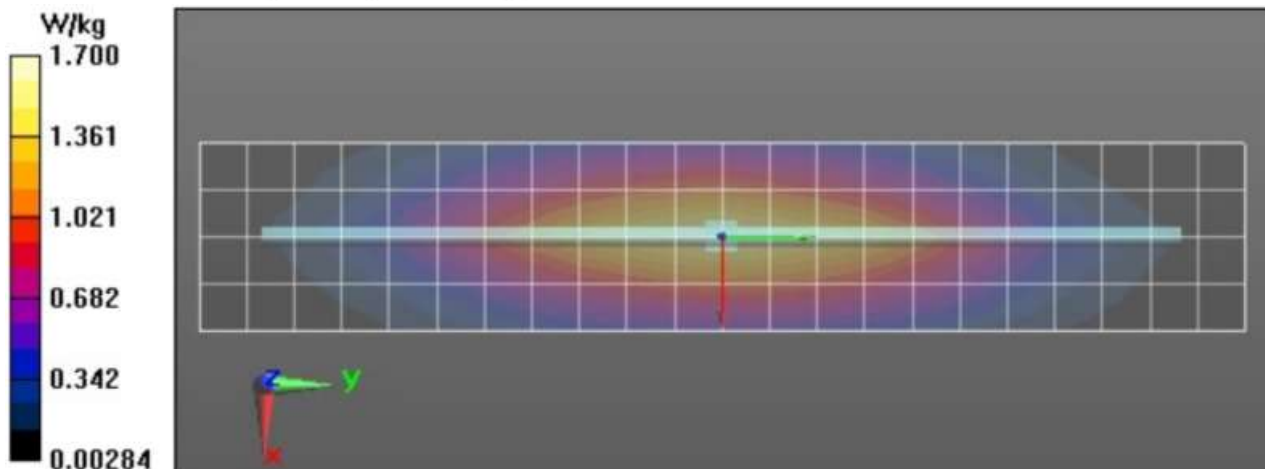
Ratio of SAR at M2 to SAR at M1 = 62.7%

Maximum value of SAR (measured) = 1.70 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) = 1.74 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/3/2021 5:26:29 AM

Robot#: DASY5-xx-x | Run#: MFR-SYSP-450H-211003-05
 Dipole Model# D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 22.5 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.18 dB
 Adjusted SAR (1W): 4.60 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 47.70 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.860 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.58 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 = 47.70 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.760 W/kg (SAR corrected for target medium)

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

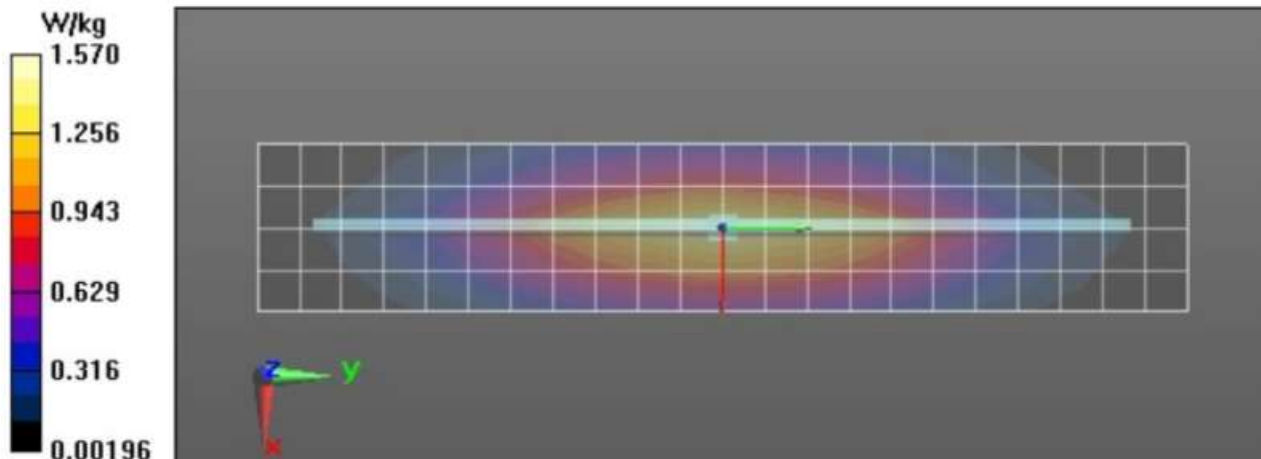
Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 1.59 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) = 1.80 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/2/2021 8:41:22 PM

Robot#: DASY5-xx-x | Run#: MFR-SYSP-450H-211102-17
 Dipole Model# D450V3
 Phantom#: ELI4 1108
 Tissue Temp: 21.0 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.110 dB
 Adjusted SAR (1W): 4.52 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 44.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

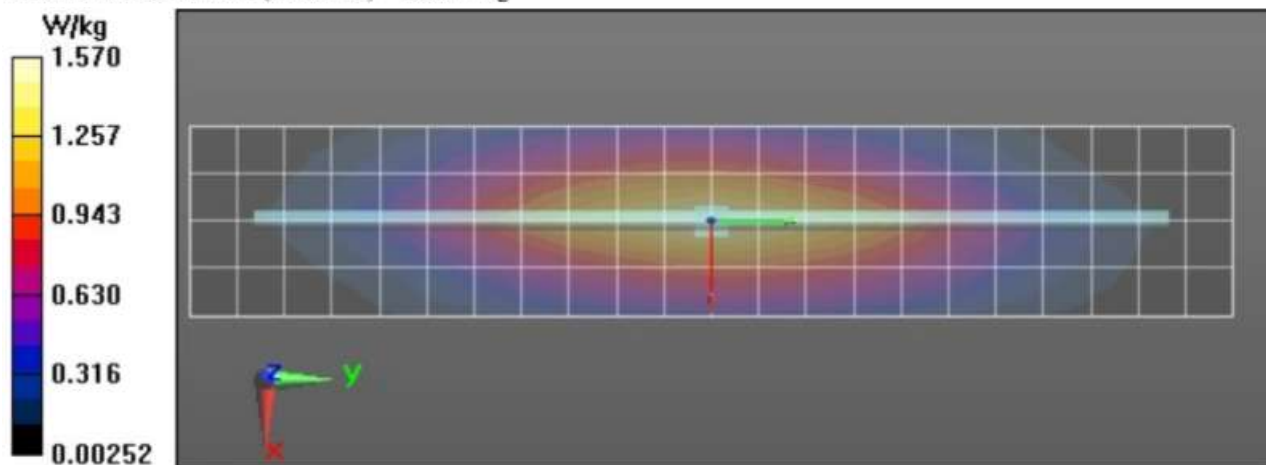
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 43.88 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.861 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.57 W/kg

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 = 43.88 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.747 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 = 62.2%
 Maximum value of SAR (measured) = 1.55 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) = 1.55 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/12/2021 12:14:32 AM

Robot#: DASY5-PG-2 | Run#: AF-SYSP-450H-211112-01
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 20.2 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.100 dB
 Adjusted SAR (1W): 4.76 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 450$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 44.1$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz

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

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 45.19 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.904 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.66 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 = 45.19 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.791 W/kg (SAR corrected for target medium)

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

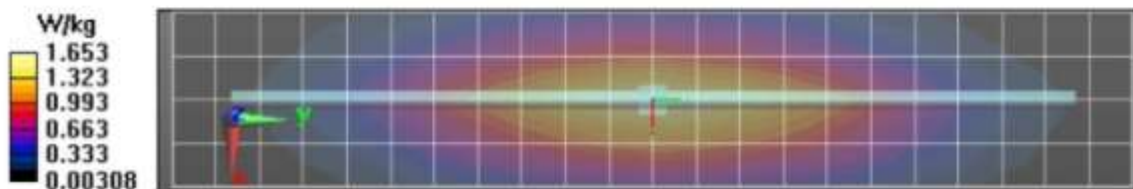
Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 1.64 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) = 1.65 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/16/2021 9:49:43 AM

Robot#: DASY5-xx-x | Run#: MFR(AMF)-SYSP-450H-211116-02
 Dipole Model#: D450V3
 Phantom#: ELI4 1103
 Tissue Temp: 22.2 (C)
 Serial#: 1054
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.12 dB
 Adjusted SAR (1W): 4.76 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 450$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 45.1$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz

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

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x221x1):

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

Reference Value = 44.27 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.892 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.65 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 = 44.27 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.780 W/kg (SAR corrected for target medium)

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

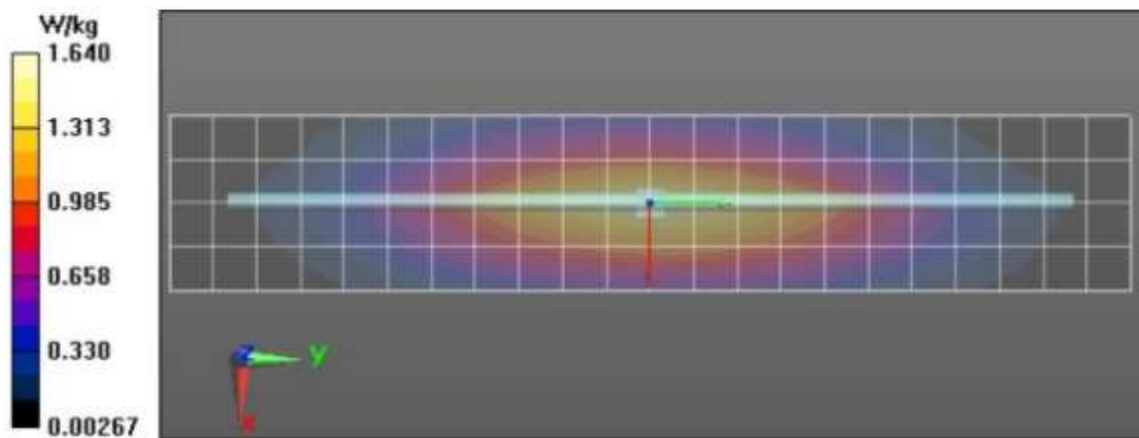
Ratio of SAR at M2 to SAR at M1 = 61.8%

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



Appendix F

DUT Scans

Assessments at the FCC LMR Body with Body worn RLN5644A -Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/24/2021 2:40:43 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-210924-13#
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 21.3 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.900 (MHz)
 Battery: NNTN4851A
 Carry Acc: RLN5644A
 Audio Acc: PMMN4013A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 45.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 103.3 V/m; Power Drift = -0.77 dB

Fast SAR: SAR(1 g) = 6.78 W/kg; SAR(10 g) = 4.9 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.36 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 = 103.3 V/m; Power Drift = -0.76 dB

Peak SAR (extrapolated) = 9.10 W/kg

SAR(1 g) = 6.35 W/kg; SAR(10 g) = 4.61 W/kg (SAR corrected for target medium)

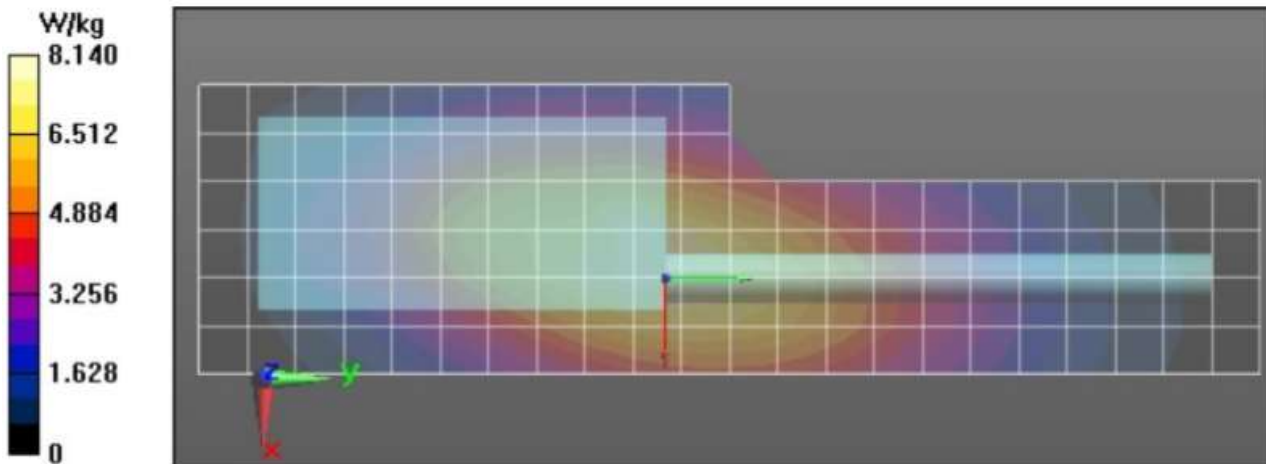
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 8.09 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) = 8.07 W/kg



Assessments at the FCC LMR Body with Body worn HLN8255B -Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/25/2021 3:01:35 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-210925-12#
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 21.1 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4851A
 Carry Acc: HLN8255B
 Audio Acc: PMMN4013A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 421$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz

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

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 106.5 V/m; Power Drift = -0.42 dB

Fast SAR: SAR(1 g) = 7.2 W/kg; SAR(10 g) = 5.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.77 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 = 106.5 V/m; Power Drift = -0.35 dB

Peak SAR (extrapolated) = 9.97 W/kg

SAR(1 g) = 6.92 W/kg; SAR(10 g) = 5.07 W/kg (SAR corrected for target medium)

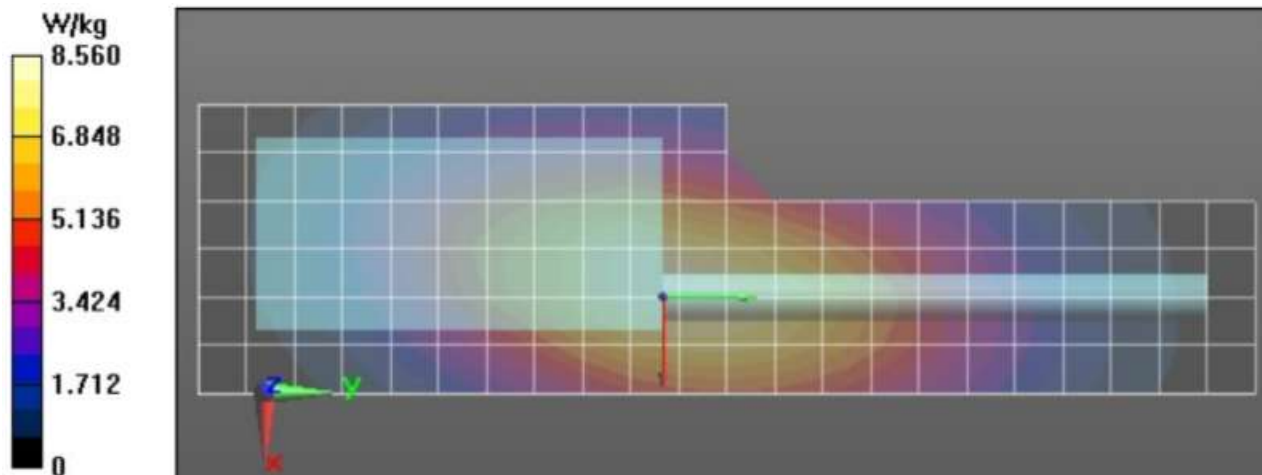
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 8.76 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) = 8.90 W/kg



Assessments at the FCC LMR Body with Body worn HLN6602A -Table 20

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/26/2021 9:35:56 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-210926-11#
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 21.1 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4970A
 Carry Acc: HLN6602A
 Audio Acc: PMMN4013A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 421$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 43$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz

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

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 126.7 V/m; Power Drift = -0.41 dB

Fast SAR: SAR(1 g) = 10.3 W/kg; SAR(10 g) = 7.49 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 12.5 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 = 126.7 V/m; Power Drift = -0.39 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 9.49 W/kg; SAR(10 g) = 6.83 W/kg (SAR corrected for target medium)

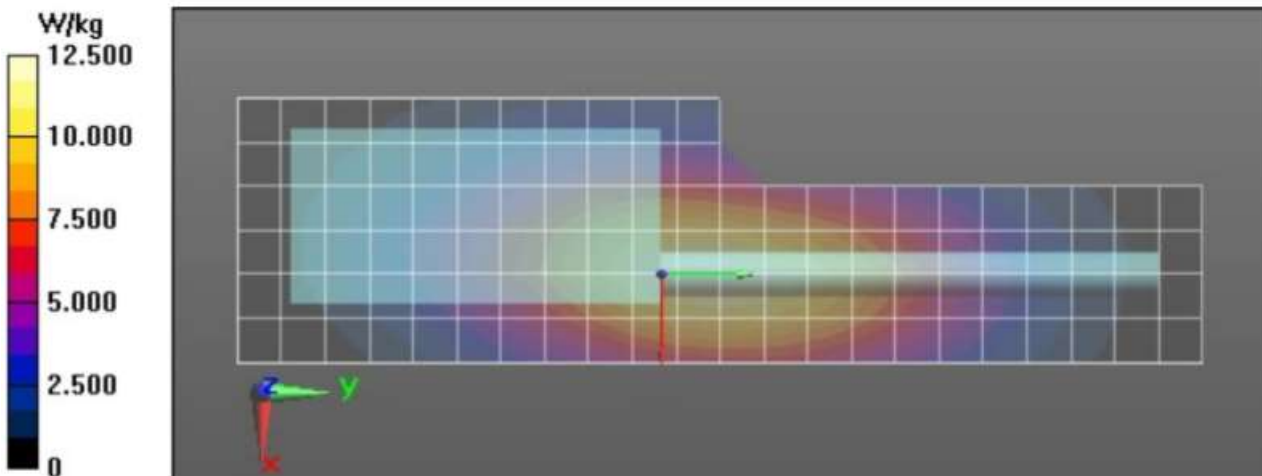
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 12.1 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) = 12.0 W/kg



Assessments at the FCC LMR Body with Body worn RLN4815A -Table 21

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/27/2021 2:06:44 PM

Robot#: DASY5-PG-2 | Run#: BL-AB-210927-09
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.0 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: PMNN4251B
 Carry Acc: RLN4815A
 Audio Acc: PMMN4013A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor Refresh UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 81.38 V/m; Power Drift = -0.48 dB

Fast SAR: SAR(1 g) = 4.23 W/kg; SAR(10 g) = 3.11 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.18 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 = 81.38 V/m; Power Drift = -0.55 dB

Peak SAR (extrapolated) = 5.62 W/kg

SAR(1 g) = 4 W/kg; SAR(10 g) = 2.98 W/kg (SAR corrected for target medium)

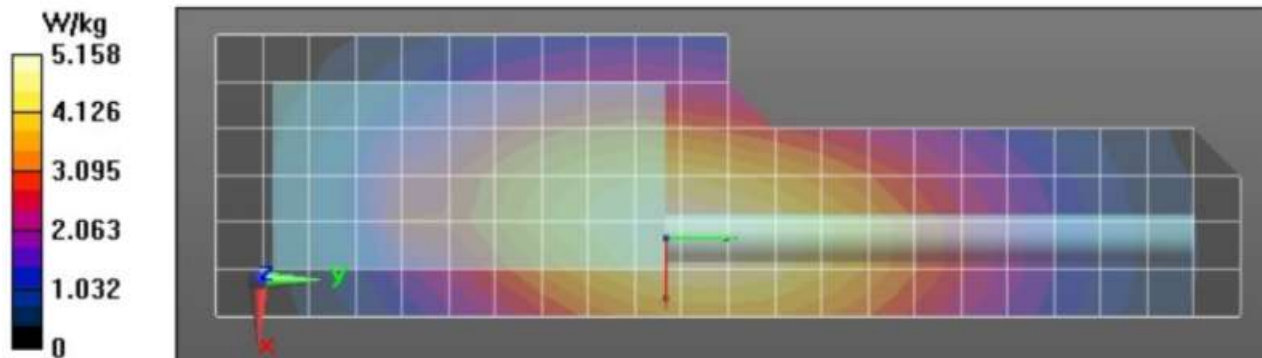
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.1%

Maximum value of SAR (measured) = 5.02 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) = 4.96 W/kg



Assessments at the FCC LMR Body with Body worn RLN4570A -Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/27/2021 9:41:48 PM

Robot#: DASY5-PG-2 | Run#: MHI-AB-210927-18
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 21.5 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4970A
 Carry Acc: RLN4570A
 Audio Acc: PMMN4013A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor Refresh UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 123.5 V/m; Power Drift = -0.47 dB

Fast SAR: SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.71 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 13.0 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 = 123.5 V/m; Power Drift = -0.49 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 9.77 W/kg; SAR(10 g) = 7.06 W/kg (SAR corrected for target medium)

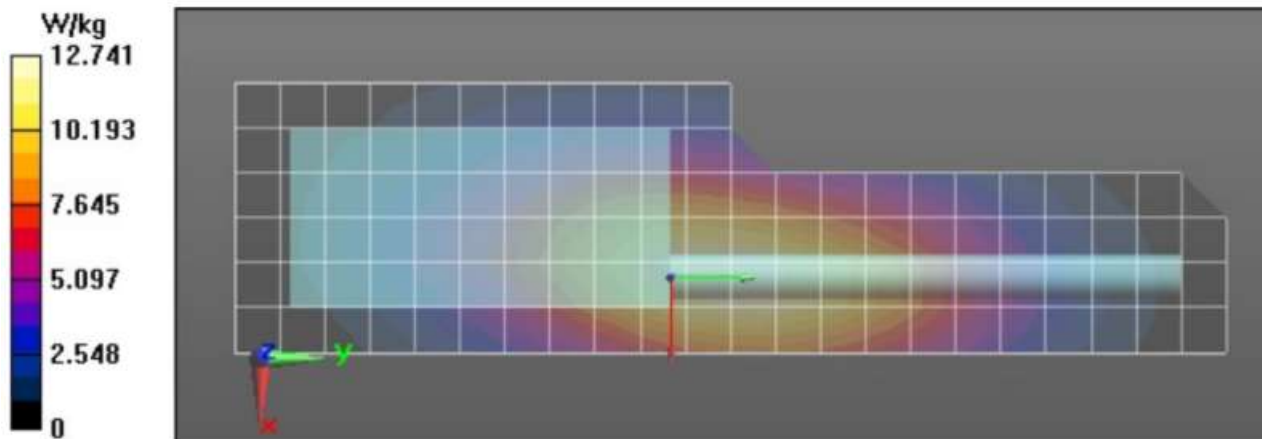
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 12.6 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) = 12.4 W/kg



Assessments at the FCC LMR Body with Body worn RLN5383A w/ NTN5243A -Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/28/2021 5:18:53 PM

Robot#: DASY5-PG-2 | Run#: AF-AB-210928-19
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 20.5 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4851A
 Carry Acc: RLN5383A W/ NTN5243A
 Audio Acc: PMMN4013A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor Refresh UHF, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 421$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz

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

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 69.13 V/m; Power Drift = -0.46 dB

Fast SAR: SAR(1 g) = 4.98 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 10.2 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.6mm,

dy=3.6mm, dz=1.4mm

Reference Value = 69.13 V/m; Power Drift = -1.01 dB

Peak SAR (extrapolated) = 34.7 W/kg

SAR(1 g) = 3.31 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.5 mm

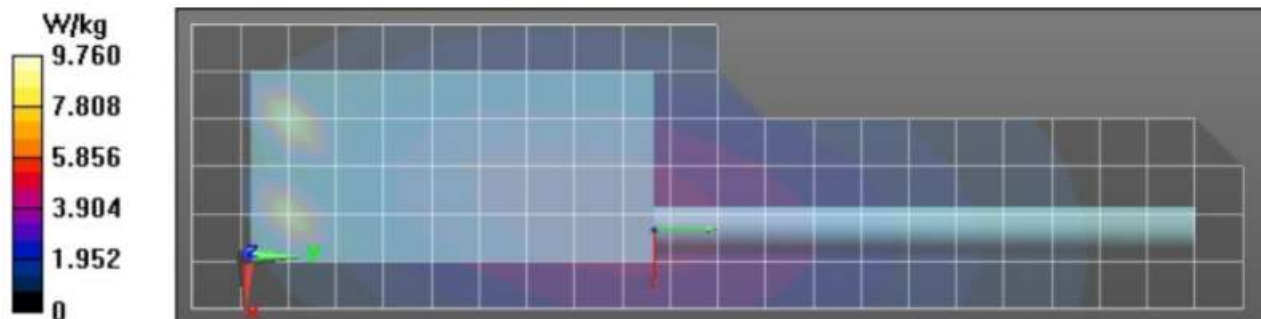
Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 9.09 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) = 8.58 W/kg



Assessments at the FCC LMR Body with Body worn RLN5384B w/ NTN5243A -Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/16/2021 10:49:34 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-211116-03
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1103
 Tissue Temp: 22.2 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: PMNN4450AR
 Carry Acc: RLN5384B w/o belt loop & w/ NTN5243A
 Audio Acc: PMMN4013A
 Start Power: 4.76 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 421$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 45.7$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz

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

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 62.60 V/m; Power Drift = -0.36 dB

Fast SAR: SAR(1 g) = 2.78 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.34 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 = 62.60 V/m; Power Drift = -0.42 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.95 W/kg (SAR corrected for target medium)

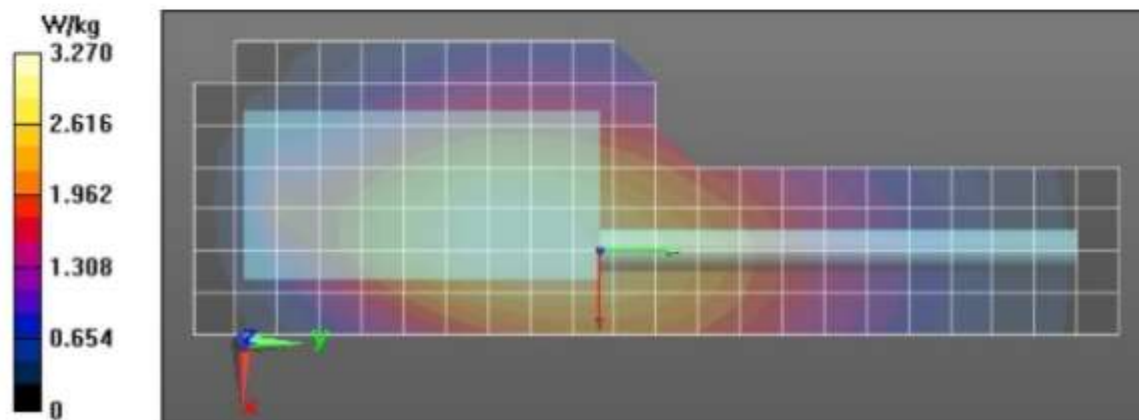
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.7%

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



Assessments at the FCC LMR Body with Body worn HLN9701B w/ NTN5243A -Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/1/2021 4:44:09 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-211001-04
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.3 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4970A
 Carry Acc: HLN9701B w/ NTN5243A
 Audio Acc: PMMN4013A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 109.8 V/m; Power Drift = -0.35 dB

Fast SAR: SAR(1 g) = 7.92 W/kg; SAR(10 g) = 5.78 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 9.60 W/kg

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

Reference Value = 109.8 V/m; Power Drift = -0.61 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 7.33 W/kg; SAR(10 g) = 5.35 W/kg (SAR corrected for target medium)

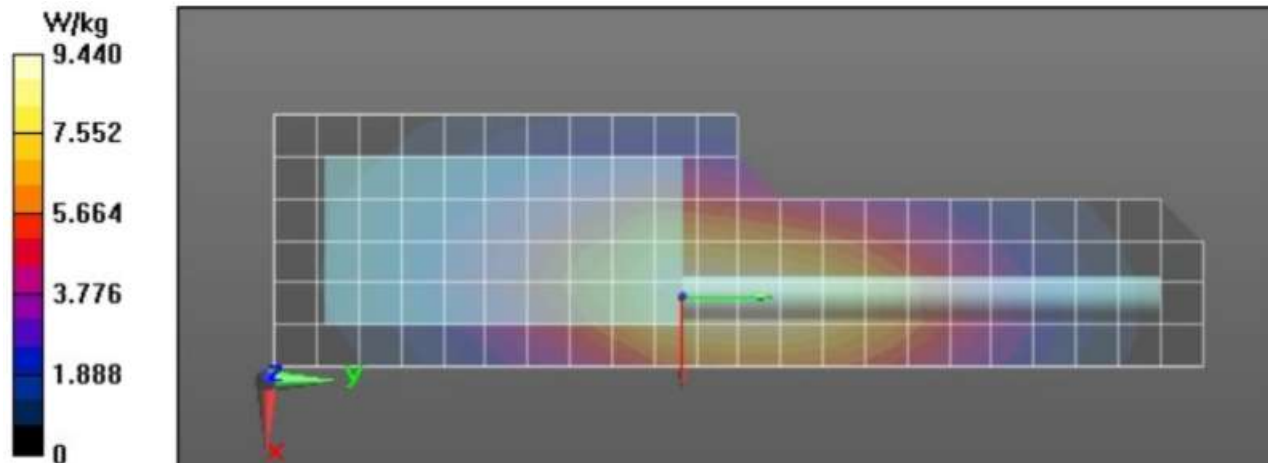
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.2%

Maximum value of SAR (measured) = 9.25 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) = 8.87 W/kg



Assessment at the Body with other audio accessories - Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/2/2021 4:21:05 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-211002-07
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.5 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4970A
 Carry Acc: RLN4570A
 Audio Acc: PMNN4092A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor Refresh UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 131.1 V/m; Power Drift = -0.40 dB

Fast SAR: SAR(1 g) = 12.4 W/kg; SAR(10 g) = 8.96 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 15.2 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 = 131.1 V/m; Power Drift = -0.49 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.03 W/kg (SAR corrected for target medium)

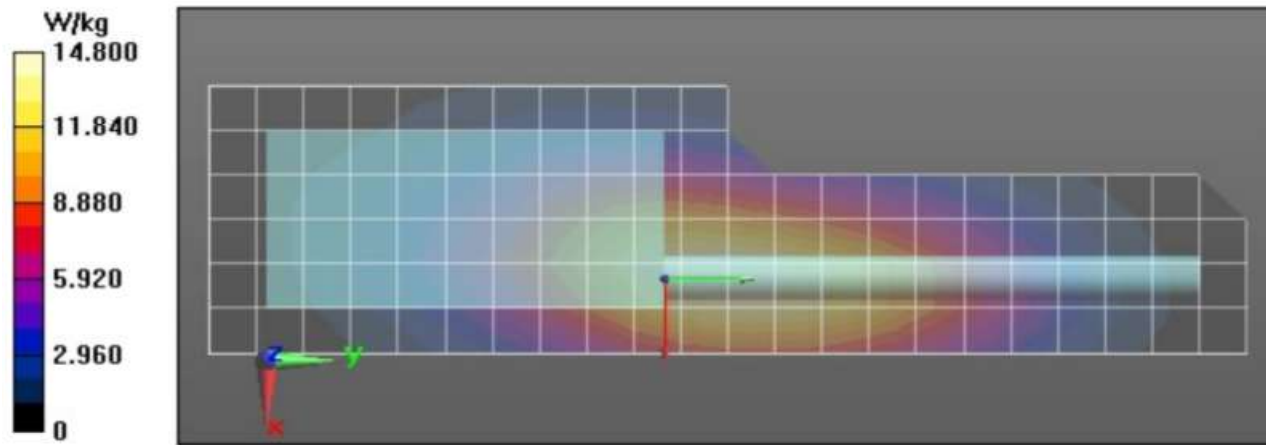
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68%

Maximum value of SAR (measured) = 14.6 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) = 14.5 W/kg



Assessment at the Face with DUT @ front - Table 28

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/2/2021 10:58:38 AM

Robot#: DASY5-PG-2 | Run#: AF(SAN)-FACE-211002-14
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.0 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4002A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4497D
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 82.64 V/m; Power Drift = -0.38 dB

Fast SAR: SAR(1 g) = 4.51 W/kg; SAR(10 g) = 3.3 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.54 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 = 82.64 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 6.08 W/kg

SAR(1 g) = 4.23 W/kg; SAR(10 g) = 3.1 W/kg (SAR corrected for target medium)

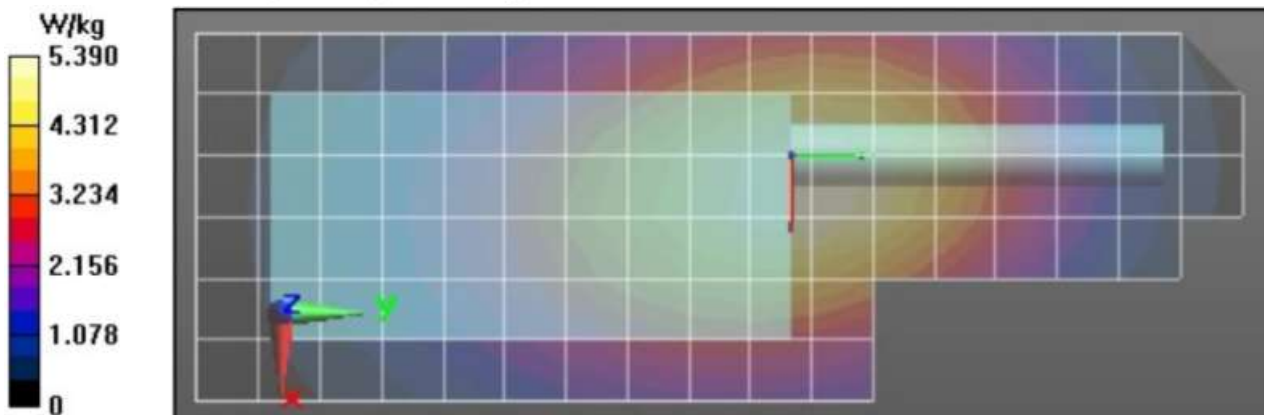
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 5.38 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) = 5.30 W/kg



Assessment for ISED, Canada – Table 30

Body

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/2/2021 4:21:05 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-211002-07
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.5 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4970A
 Carry Acc: RLN4570A
 Audio Acc: PMNN4092A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor Refresh UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 131.1 V/m; Power Drift = -0.40 dB

Fast SAR: SAR(1 g) = 12.4 W/kg; SAR(10 g) = 8.96 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 15.2 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 = 131.1 V/m; Power Drift = -0.49 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.03 W/kg (SAR corrected for target medium)

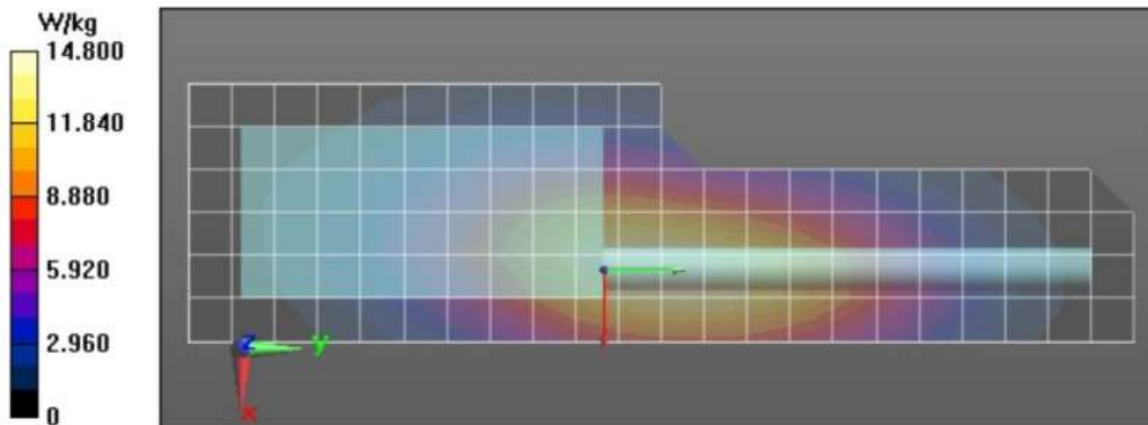
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68%

Maximum value of SAR (measured) = 14.6 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) = 14.5 W/kg



Assessment for ISED, Canada – Table 30 Face

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/3/2021 12:36:33 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-211003-01#
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.6(C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4497D
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 98.17 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 6.6 W/kg; SAR(10 g) = 4.85 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.09 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 = 98.17 V/m; Power Drift = -0.41 dB

Peak SAR (extrapolated) = 8.82 W/kg

SAR(1 g) = 6.2 W/kg; SAR(10 g) = 4.6 W/kg (SAR corrected for target medium)

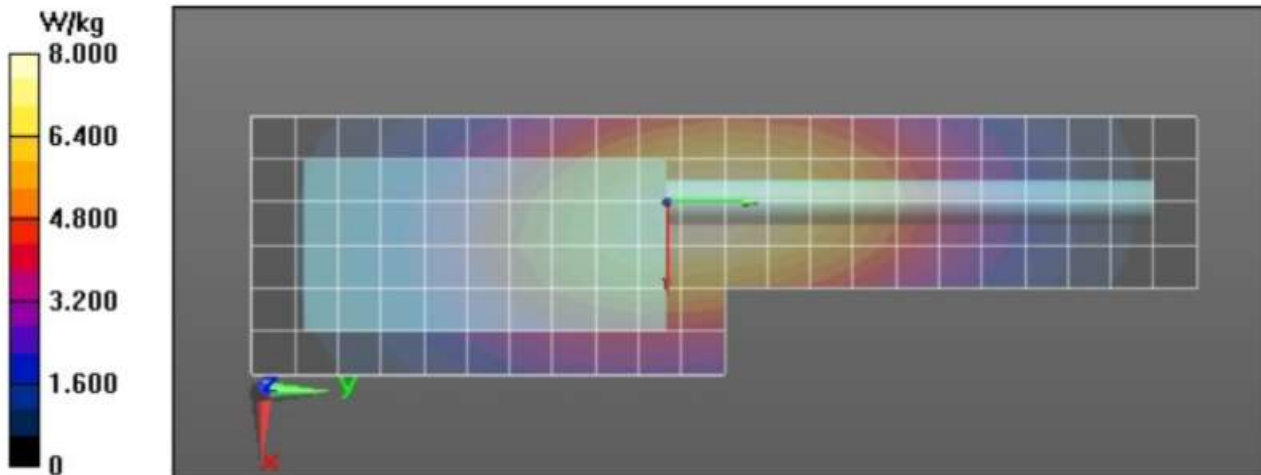
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.4%

Maximum value of SAR (measured) = 7.84 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) = 7.77 W/kg



Assessment for outside FCC frequency range – Table 30

Body

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/3/2021 2:45:38 PM

Robot#: DASY5-PG-2 | Run#: AF(SAN)-AB-211003-12
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.8 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 403.0000 (MHz)
 Battery: NNTN4970A
 Carry Acc: RLN4570A
 Audio Acc: PMNN4092A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor Refresh UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 403$ MHz; $\sigma = 0.83$ S/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 403 MHz, ConvF(11.65, 11.65, 11.65) @ 403 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 118.4 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.39 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 12.2 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 = 118.4 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 9.58 W/kg; SAR(10 g) = 6.8 W/kg (SAR corrected for target medium)

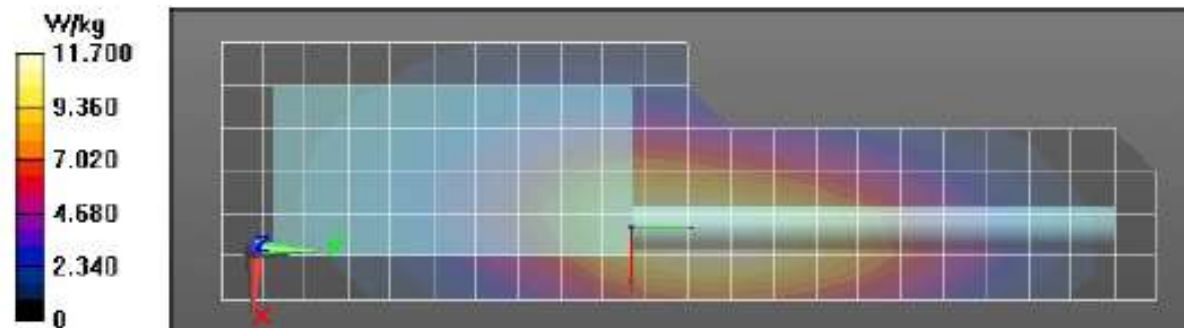
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.2%

Maximum value of SAR (measured) = 12.1 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) = 12.1 W/kg



Assessment for outside FCC frequency range – Table 30

Face

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/3/2021 2:52:09 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-211003-04#
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 22.7(C)
 Serial#: 752TXT0618
 Antenna: PMAE4002A
 Test Freq: 403.0000 (MHz)
 Battery: NNTN4497D
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 403$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 43$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 403 MHz, ConvF(11.65, 11.65, 11.65) @ 403 MHz

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

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 81.68 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 4.66 W/kg; SAR(10 g) = 3.41 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.65 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 = 81.68 V/m; Power Drift = -0.34 dB

Peak SAR (extrapolated) = 6.25 W/kg

SAR(1 g) = 4.42 W/kg; SAR(10 g) = 3.26 W/kg (SAR corrected for target medium)

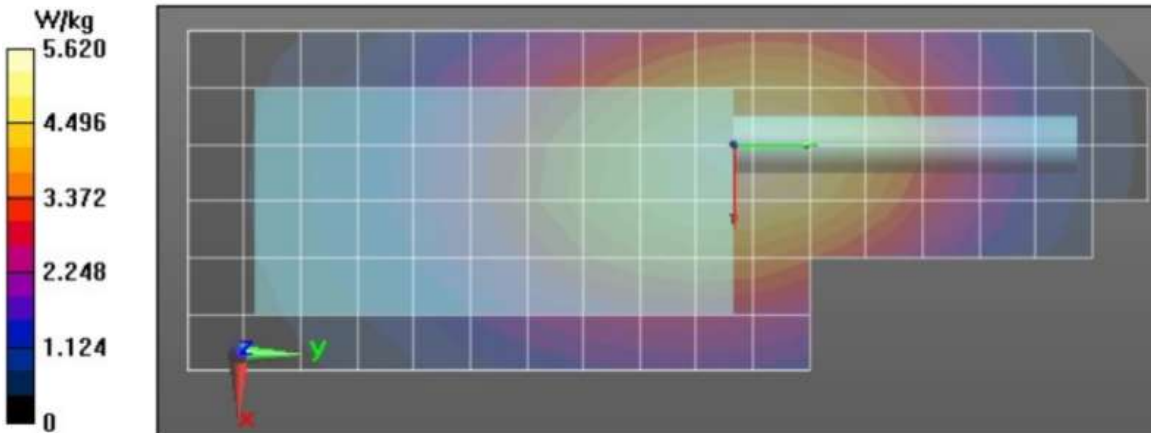
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.5%

Maximum value of SAR (measured) = 5.52 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) = 4.93 W/kg



Appendix G

(Shortened Scan of Highest SAR configuration)

Table 31

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/12/2021 4:57:01 PM

Robot#: DASY5-PG-2 | Run#: MHI-AB-211112-09
 Model#: AAH01QDC9JA2AN (PMUE4147C); (IC MODEL: PMUE4147CAANAA)
 Phantom#: ELI4 1108
 Tissue Temp: 21.8 (C)
 Serial#: 752TXT0618
 Antenna: PMAE4016A
 Test Freq: 420.9000 (MHz)
 Battery: NNTN4970A
 Carry Acc: RLN4570A
 Audio Acc: PMMN4092A
 Start Power: 4.80 (W)

Comments:

Communication System Band: Timor UHF, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 421$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 420.9 MHz, ConvF(11.65, 11.65, 11.65) @ 420.9 MHz
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 118.4 V/m; Power Drift = -0.44 dB

Fast SAR: SAR(1 g) = 9.82 W/kg; SAR(10 g) = 7.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 11.9 W/kg

Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm

Reference Value = 118.4 V/m; Power Drift = -0.49 dB

Fast SAR: SAR(1 g) = 9.57 W/kg; SAR(10 g) = 6.99 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 11.5 W/kg

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

Reference Value = 120.6 V/m; Power Drift = -0.28 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.5 W/kg (SAR corrected for target medium)

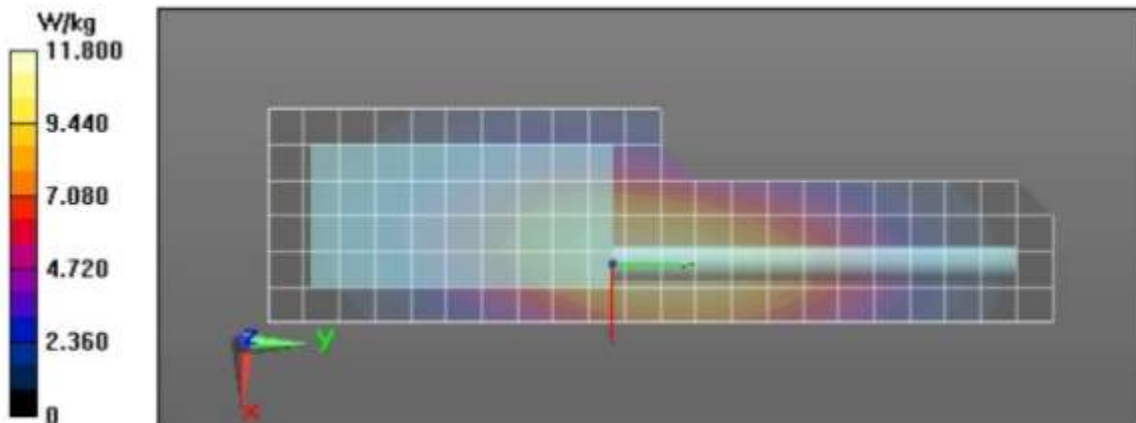
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.4%

Maximum value of SAR (measured) = 13.2 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) = 11.4 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)	31	20	5.55
Full scan (area & zoom)	26	25	6.32

Appendix H
DUT Test Position Photos

Photos available in Exhibit 7B

Appendix I
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B