



CERTIFICATE 2518.05

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: 10/02/2024
Report Revision: A

Responsible Engineer: Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)
Report Author: Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)
Date/s Tested: 07/31/2024-08/09/2024, 08/15/2024, 9/13/2024, 9/19/2024, 9/25/2024-9/28/2024
Manufacturer: Motorola Solutions Malaysia Sdn Bhd.
Manufacturer Location: Plot 2A, Medan Bayan Lepas Mukim, 12 SWD, 11900 Bayan Lepas, Penang, Malaysia
DUT Description: Handheld Portable – 400-512 MHz 4W LKP DISPLAY BT/WIFI
Test TX mode(s): CW (PTT), Bluetooth, WLAN 2.4GHz 802.11 b/g/n, WLAN 5.0GHz 802.11 a/n/ac
Max. Power output: Refer table 4, 4a (part 1 of 2)
Tx Frequency Bands: Refer table 4, 4a (part 1 of 2)
Signaling type: Refer table 4, 4a (part 1 of 2)
Model(s) Tested: AAH07RDH9SA1AN
Model(s) Certified: Refer 1.0 Introduction (part 1 of 2)
(HVIN/PMN)
Serial Number(s): 651EAP0064, 651EAP0071, 651EAP0038
Classification: Occupational/Controlled Environment
Applicant Name: Motorola Solutions Inc.
Applicant Address: Plot 2A, Medan Bayan Lepas Mukim, 12 SWD, 11900 Bayan Lepas, Penang, Malaysia
Firmware Version (FVIN): D02.25.01.0010
FCC ID: AZ489FT7182
 This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
FCC Test Firm Registration Number: 823256
IC: 109U-89FT7182
 This report contains results that are immaterial for ISSED equipment approval, which are clearly identified.
ISSED Test Site registration: 24843

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 6).

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. The results and statements contained in this report pertain only to the device(s) evaluated.

Saw Sun Hock (Approval Signatory)
Approved Date: 10/09/2024

Appendix D

System Verification Check Scans

8/4/24, 9:06 PM

__0_CW_450-00MHz.html

Motorola Solutions, EME Laboratory

2024-08-04, 20:56

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D450V3 - SN1053	450.0	HSL	23.98	-7.6	-8.1

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	15		CW, 0--	450.000, 0	11.68	0.831	42.5

Hardware Setup

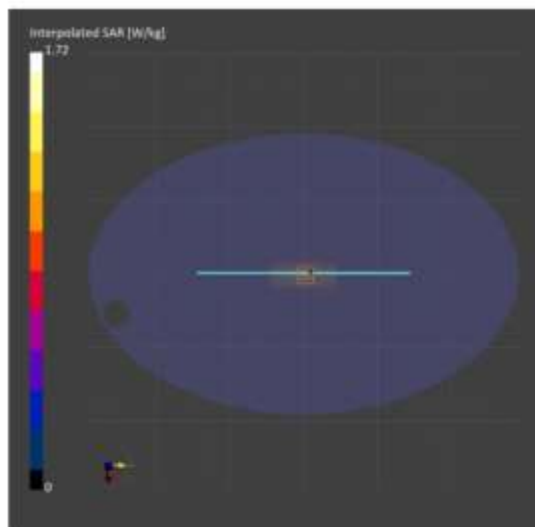
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1040	HSL450 , 2024-08-04	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-08-04, 20:56	2024-08-04, 21:03
psSAR1g [W/Kg]	1.08	1.06
psSAR10g [W/Kg]	0.748	0.706
Power Drift [dB]	-0.00	-0.03
TSL Correction	Positive / Negative	Positive / Negative



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Date/Time: 7/31/2024 3:53:19 PM

Robot#: DASY5-xx-x | Run#: BAD(MAN)-2450H-240731-01
 Dipole Model#: D2450V2
 Phantom#: ELI4 1090
 Tissue Temp: 21.0(C)
 Serial#: 781
 Test Freq: 2450.0000 (MHz)
 Start Power: 31.6 (mW)
 Rotation (1D): 0.067 dB
 Adjusted SAR (1W): 54.11 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 37.557$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2450 MHz, ConvF(7.5, 7.5, 7.5) @ 2450 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

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 = 41.01 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 1.74 W/kg; SAR(10 g) = 0.788 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.86 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 = 41.01 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 1.71 W/kg; SAR(10 g) = 0.810 W/kg (SAR corrected for target medium)

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

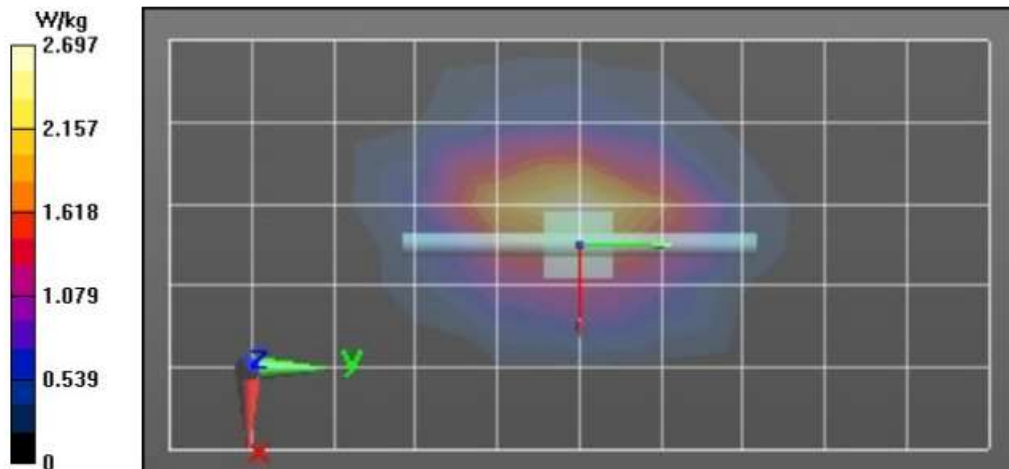
Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 2.81 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



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Date/Time: 8/1/2024 4:45:23 PM

Robot#: DASY5-xx-x | Run#: BAD(MAN)-2450H-240801-10
 Dipole Model#: D2450V2
 Phantom#: EL14 1090
 Tissue Temp: 20.4 (C)
 Serial#: 781
 Test Freq: 2450.0000 (MHz)
 Start Power: 31.6 (mW)
 Rotation (1D): 0.097 dB
 Adjusted SAR (1W): 57.28 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 42.363$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2450 MHz, ConvF(7.5, 7.5, 7.5) @ 2450 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

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 = 41.12 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 1.84 W/kg; SAR(10 g) = 0.840 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 (7x8x7)/Cube 0: Measurement

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

Reference Value = 41.12 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 1.81 W/kg; SAR(10 g) = 0.869 W/kg (SAR corrected for target medium)

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

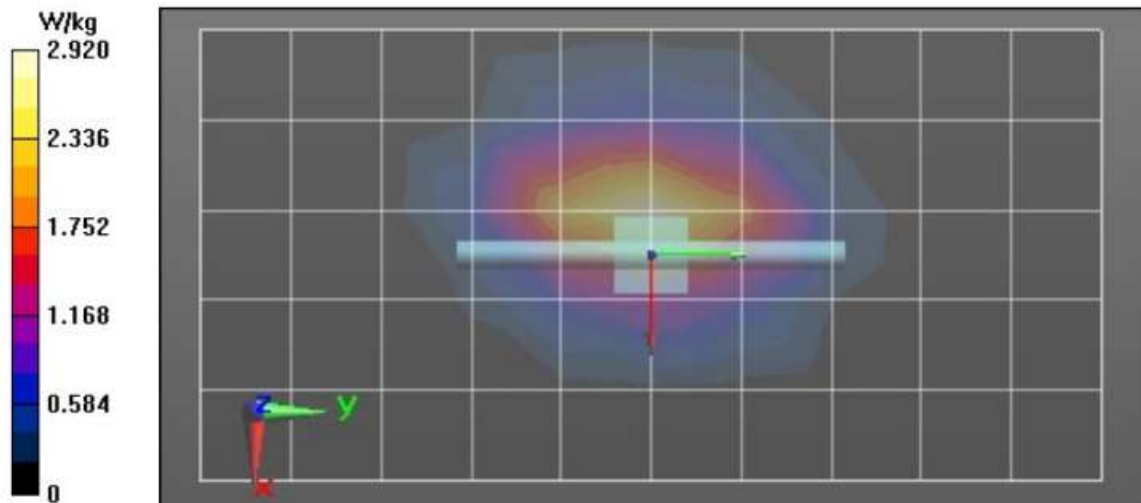
Ratio of SAR at M2 to SAR at M1 = 50.3%

Maximum value of SAR (measured) = 3.02 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) = 3.04 W/kg



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Date/Time: 9/25/2024 10:16:33 PM

Robot#: DASY5-PG-2 | Run#: BAD(MAN)-SYSP-2450H-240925-18
 Dipole Model#: D450V2
 Phantom#: EL14 1103
 Tissue Temp: 20.00 (C)
 Serial#: 782
 Test Freq: 2450.0000 (MHz)
 Start Power: 31.6 (mW)
 Rotation (1D): 0.120 dB
 Adjusted SAR (1W): 54.75 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.789$ S/m; $\epsilon_r = 38.174$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2450 MHz, ConvF(7.5, 7.5, 7.5) @ 2450 MHz
 Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

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 = 41.58 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.830 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.97 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 = 41.58 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 1.73 W/kg; SAR(10 g) = 0.801 W/kg (SAR corrected for target medium)

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

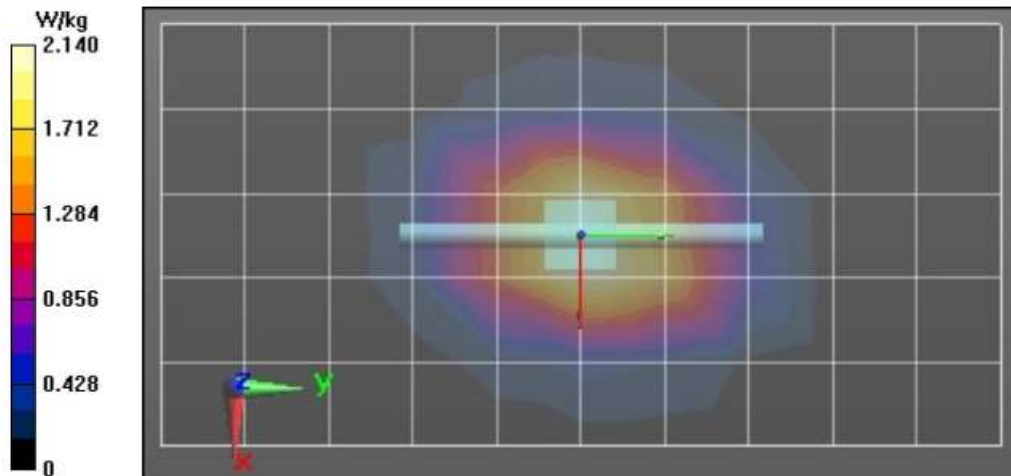
Ratio of SAR at M2 to SAR at M1 = 47.7%

Maximum value of SAR (measured) = 2.93 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) = 2.92 W/kg



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Date/Time: 8/8/2024 1:33:26 PM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-5800H-240808-09
 Dipole Model#: D5GHzV2
 Phantom#: EL14 1090
 Tissue Temp: 21.3 (C)
 Serial#: 1022
 Test Freq: 5800.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.043 dB
 Adjusted SAR (1W): 71.90 mW/g (1g)

Comments:

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.214$ S/m; $\epsilon_r = 35.835$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5800 MHz, ConvF(4.79, 4.79, 4.79) @ 5800 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

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 = 65.42 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 6.57 W/kg; SAR(10 g) = 1.83 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 18.0 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 = 65.42 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 32.2 W/kg

SAR(1 g) = 7.19 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)

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

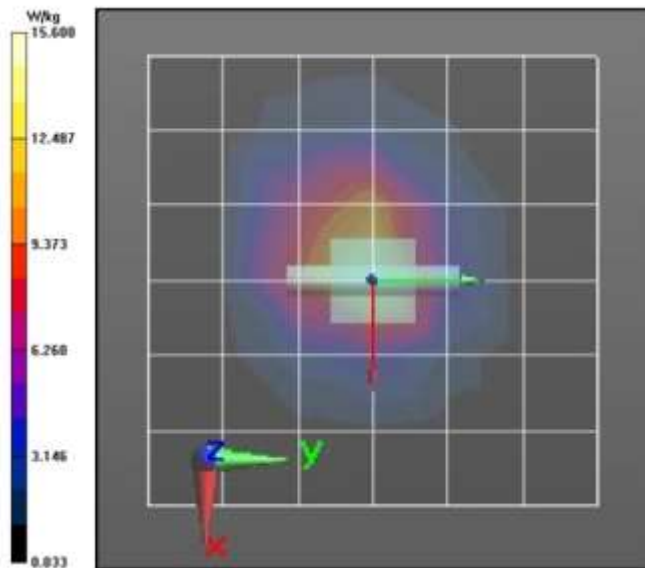
Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 17.4 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) = 18.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/28/2024 5:09:41 AM

Robot#: DASY5-PG-2 | Run#: MIN-SYSP-5800H-240928-05@
 Dipole Model#: D5GHzV2
 Phantom#: ELI4 1103
 Tissue Temp: 21.2 (C)
 Serial#: 1026
 Test Freq: 5800.0000 (MHz)
 Start Power: 100 (mW)
 Rotation (1D): 0.078 dB
 Adjusted SAR (1W): 78.60 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.149$ S/m; $\epsilon_r = 31.841$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5800 MHz, ConvF(4.79, 4.79, 4.79) @ 5800 MHz
 Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

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 = 70.07 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 7.38 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 20.5 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 = 70.07 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 36.8 W/kg

SAR(1 g) = 7.86 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

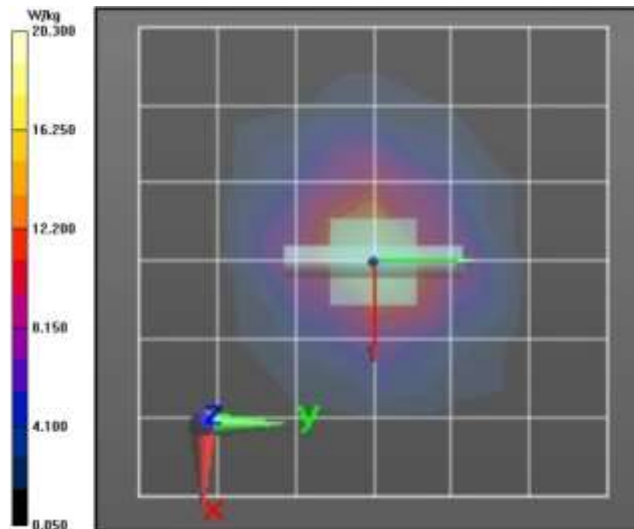
Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 19.5 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) = 21.1 W/kg



Appendix E

DUT Scans

Highest SAR at FCC LMR Body

Table 24

Motorola Solutions, EME Laboratory

2024-09-13, 21:28

Measurement Report for PMUE5916AAB, 651EAP0064, BACK, Custom Band, CW, Channel 457900 (457.900 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUE5916AAB	651EAP0064	127.0 x 64.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 0---	457.900, 457900	11.68	0.881	43.5

Hardware Setup

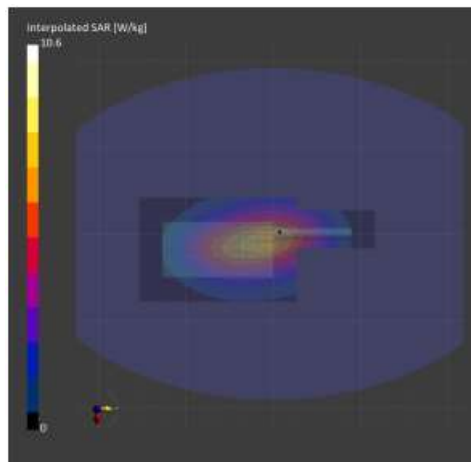
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1040	HSL450 , 2024-09-13	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-09-13, 21:28	2024-09-13, 21:39
psSAR1g [W/Kg]	6.88	6.94
psSAR10g [W/Kg]	5.00	5.05
Power Drift [dB]	-0.08	-0.19
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.7
Dist 3dB Peak [mm]		> 15.0



Highest SAR at FCC LMR Face

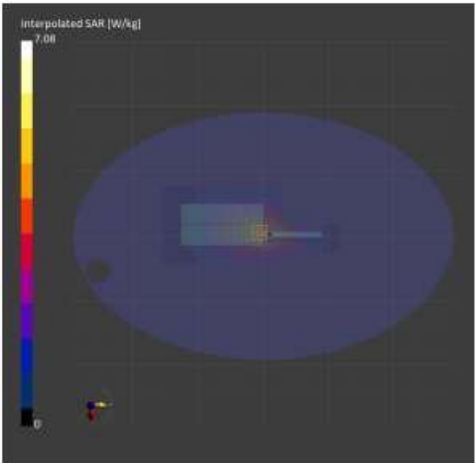
Table 26

Motorola Solutions, EME Laboratory

2024-08-03, 03:31

Measurement Report for PMUE5916AAB, 651EAP0064,FRONT, Custom Band, CW, Channel 457900 (457.900 MHz)

Device Under Test Properties							
Model	Serial Number			Dimensions [mm]			
PMUE5916AAB	651EAP0064			127.0 x 64.0 x 41.0			
Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 25.00	Custom Band	CW, 0---	457.900, 457900	11.68	0.889	44.4
Hardware Setup							
Phantom	TSL, Measured Date			Probe, Calibration Date		DAE, Calibration Date	
ELI V4.0 (20deg probe tilt) - 1011	HSL450 , 2024-08-02			EX3DV4 - SN7534, 2024-05-24		DAE4 Sn1598, 2024-05-13	
Scans Setup				Measurement Results			
	Area Scan	Zoom Scan			Area Scan	Zoom Scan	
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0		Date	2024-08-03, 03:31	2024-08-03, 03:40	
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5		psSAR1g [W/Kg]	4.79	4.80	
Sensor Surface [mm]	3.0	1.4		psSAR10g [W/Kg]	3.51	3.57	
Graded Grid	N/A	Yes		Power Drift [dB]	-0.07	-0.18	
Grading Ratio	N/A	1.5		TSL Correction	Positive only	Positive only	
MAIA	N/A	N/A		M2/M1 [%]		86.5	
Surface Detection	VMS + 6p	VMS + 6p		Dist 3dB Peak [mm]		> 15.0	
Scan Method	Measured	Measured					



Highest SAR at ISED LMR Body (406.1-430MHz)

Table 34

9/27/24, 11:18 AM

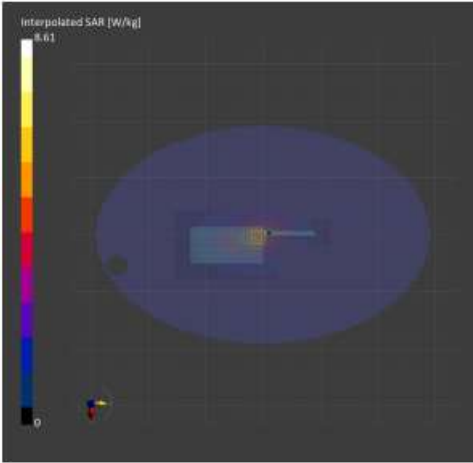
BACK_0-00_AN000348A01_PMNN4888A_PMLN4651A_None BT_0_CW_406-20MHz.html

Motorola Solutions, EME Laboratory

2024-09-27, 11:07

Measurement Report for PMUE5916AAB, 651EAP0071,BACK, Custom Band, CW, Channel 406200 (406.200 MHz)

Device Under Test Properties									
Model	Serial Number			Dimensions [mm]					
PMUES916AAB	651EAP0071			127.0 x 64.0 x 41.0					
Exposure Conditions									
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity		
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 0---	406.200, 406200	11.68	0.834	45.2		
Hardware Setup									
Phantom	TSL, Measured Date			Probe, Calibration Date		DAE, Calibration Date			
ELI V4.0 (20deg probe tilt) - 1040	HSL450 , 2024-09-27			EX3DV4 - SN7534, 2024-05-24		DAE4 Sn1598, 2024-05-13			
Scans Setup				Measurement Results					
	Area Scan		Zoom Scan			Area Scan		Zoom Scan	
Grid Extents [mm]	120.0 x 270.0		30.0 x 30.0 x 30.0		Date	2024-09-27, 11:07		2024-09-27, 11:16	
Grid Steps [mm]	15.0 x 15.0		6.0 x 6.0 x 1.5		psSAR1g [W/Kg]	5.87		5.85	
Sensor Surface [mm]	3.0		1.4		psSAR10g [W/Kg]	4.25		4.22	
Graded Grid	N/A		Yes		Power Drift [dB]	-0.12		-0.30	
Grading Ratio	N/A		1.5		TSL Correction	Positive only		Positive only	
MAIA	N/A		N/A		M2/M1 [%]			85.2	
Surface Detection	VMS + 6p		VMS + 6p		Dist 3dB Peak [mm]			> 15.0	
Scan Method	Measured		Measured						



Highest SAR at ISED LMR Body (450-470MHz)

Table 34

Motorola Solutions, EME Laboratory

2024-08-07, 20:43

Measurement Report for PMUE5916AAB, 651EAP0071, FRONT, Custom Band, CW, Channel 470000 (470.000 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUE5916AAB	651EAP0071	127.0 x 64.0 x 45.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 25.00	Custom Band	CW, 0--	470.000, 470000	11.68	0.888	43.1

Hardware Setup

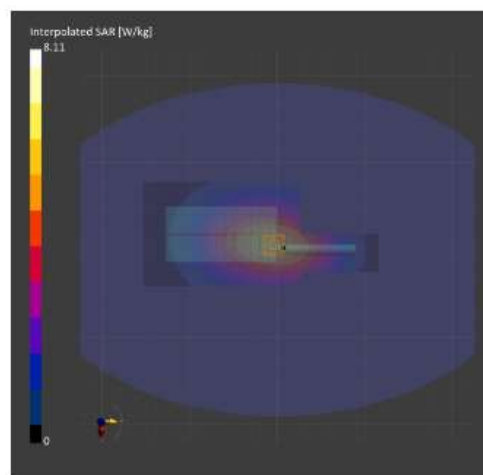
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HSL450, 2024-08-07	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-08-07, 20:43	2024-08-07, 20:52
psSAR1g [W/Kg]	5.50	5.49
psSAR10g [W/Kg]	4.02	4.11
Power Drift [dB]	-0.13	-0.25
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		> 15.0



Highest SAR at ISED LMR Face (406.1-430MHz)

Table 34

8/7/24, 11:48 PM

FRONT_25-00_AN000348A01_PMNN4889A_front_NA_0_CW_406-20MHz.html

Motorola Solutions, EME Laboratory

2024-08-07, 23:37

Measurement Report for PMUE5916AAB, 651EAP0071, FRONT, Custom Band, CW, Channel 406200 (406.200 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUE5916AAB	651EAP0071	127.0 x 64.0 x 45.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 25.00	Custom Band	CW, 0---	406.200, 406200	11.68	0.833	44.4

Hardware Setup

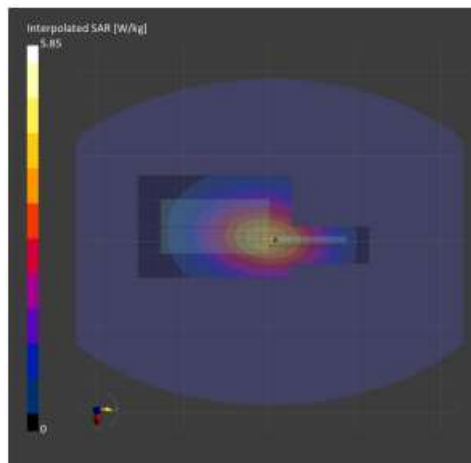
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HSL450, 2024-08-07	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-08-07, 23:37	2024-08-07, 23:46
psSAR1g [W/Kg]	4.11	4.14
psSAR10g [W/Kg]	3.01	3.12
Power Drift [dB]	-0.08	-0.20
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.7
Dist 3dB Peak [mm]		> 15.0



Highest SAR at ISED LMR Face (450-470MHz)**Table 34**

Motorola Solutions, EME Laboratory

2024-08-07, 20:43

Measurement Report for PMUE5916AAB, 651EAP0071, FRONT, Custom Band, CW, Channel 470000 (470.000 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUE5916AAB	651EAP0071	127.0 x 64.0 x 45.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 25.00	Custom Band	CW, 0---	470.000, 470000	11.68	0.888	43.1

Hardware Setup

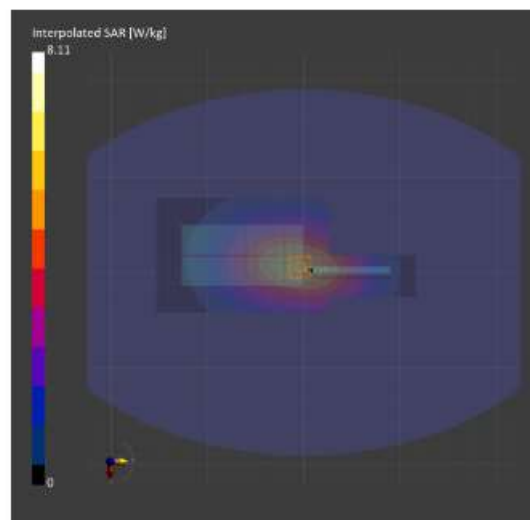
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HSL450 , 2024-08-07	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-08-07, 20:43	2024-08-07, 20:52
psSAR1g [W/Kg]	5.50	5.49
psSAR10g [W/Kg]	4.02	4.11
Power Drift [dB]	-0.13	-0.25
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		> 15.0



Highest LMR SAR at Outside FCC Frequency Range Body

Table 35

9/26/24, 11:36 AM

BACK_0-00_PMAE4071A_PMNN4888A_PMLN4651A_None BT_0_CW_527-00MHz.html

Motorola Solutions, EME Laboratory

2024-09-26, 11:04

Measurement Report for PMUE5916AAB, 651EAP0064, BACK, Custom Band, CW, Channel 527000 (527.000 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUE5916AAB	651EAP0064	127.0 x 64.0 x 41.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 0---	527.000, 527000	11.68	0.911	41.5

Hardware Setup

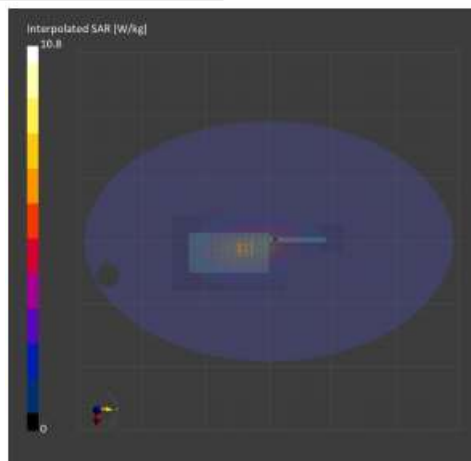
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HSL450, 2024-09-26	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-09-26, 11:04	2024-09-26, 11:13
psSAR1g [W/Kg]	7.25	7.11
psSAR10g [W/Kg]	5.26	5.16
Power Drift [dB]	-0.19	-0.40
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.8
Dist 3dB Peak [mm]		> 15.0



Highest LMR SAR at Outside FCC Frequency Range Body

Table 35

Motorola Solutions, EME Laboratory

2024-08-06, 23:20

Measurement Report for PMUE5916AAB, 651EAP0064, FRONT, Custom Band, CW, Channel 519500 (519.500 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUE5916AAB	651EAP0064	127.0 x 64.0 x 45.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 25.00	Custom Band	CW, 0---	519.500, 519500	11.68	0.904	41.5

Hardware Setup

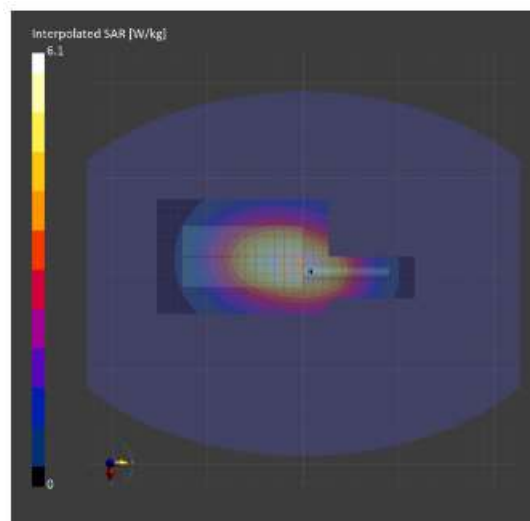
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1040	HSL450, 2024-08-06	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-08-06, 23:20	2024-08-06, 23:34
psSAR1g [W/Kg]	4.19	4.10
psSAR10g [W/Kg]	3.05	3.05
Power Drift [dB]	-0.30	-0.46
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.4
Dist 3dB Peak [mm]		> 15.0



Highest SAR at FCC WLAN 2.4GHz Body

Table 28

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/31/2024 7:45:00 PM

Robot#: DASY5-PG-2 | Run#: MIN-AB-240731-04
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.5 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN7008A
 Audio Acc: None
 Start Power: 0.0536 (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; $\sigma = 1.777$ S/m; $\epsilon_r = 37.631$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2412 MHz, ConvF(7.5, 7.5, 7.5) @ 2412 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.039 V/m; Power Drift = -0.24 dB

Fast SAR: SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0335 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 = 4.039 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

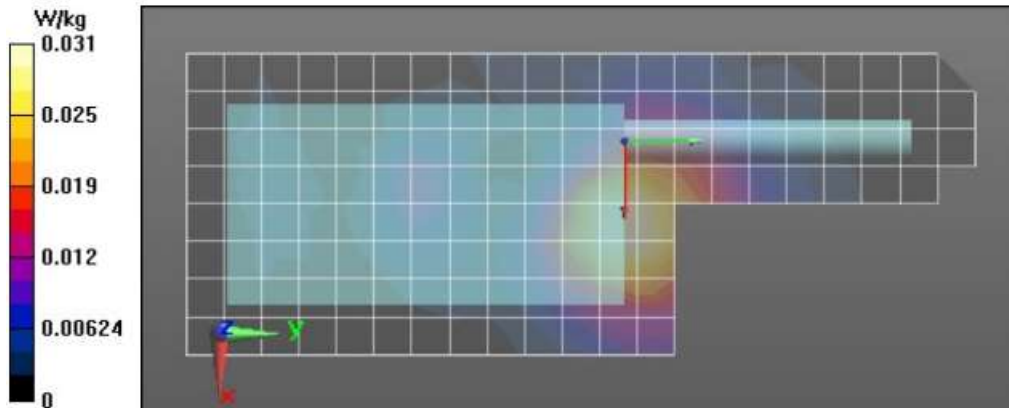
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.0338 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) = 0.0335 W/kg



Highest SAR at FCC WLAN 2.4GHz Face**Table 29****Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/1/2024 3:10:22 AM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240801-03@
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 20.9 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4889A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0527 (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; $\sigma = 1.777$ S/m; $\epsilon_r = 37.631$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2412 MHz, ConvF(7.5, 7.5, 7.5) @ 2412 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 6.670 V/m; Power Drift = -0.28 dB

Fast SAR: SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0889 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 = 6.670 V/m; Power Drift = -0.46 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.036 W/kg (SAR corrected for target medium)

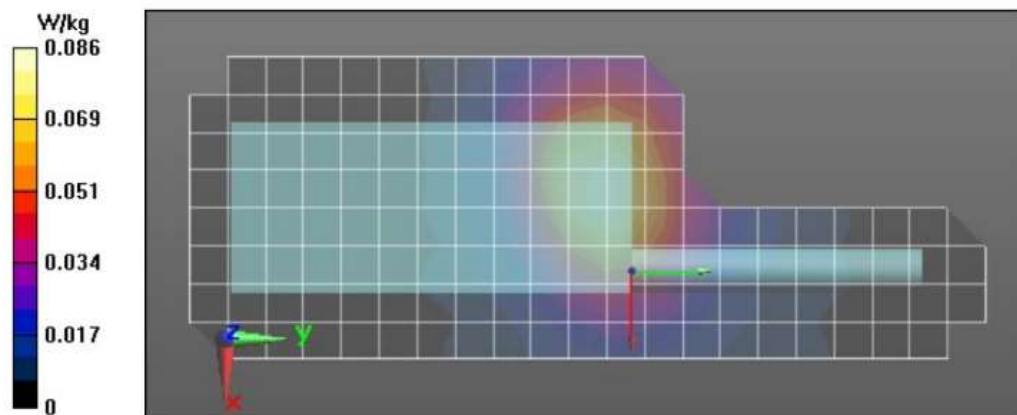
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.0869 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) = 0.0840 W/kg



Highest SAR at ISED WLAN 2.4GHz Body

Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/31/2024 7:45:00 PM

Robot#: DASY5-PG-2 | Run#: MIN-AB-240731-04
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.5 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN7008A
 Audio Acc: None
 Start Power: 0.0536 (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; $\sigma = 1.777$ S/m; $\epsilon_r = 37.631$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2412 MHz, ConvF(7.5, 7.5, 7.5) @ 2412 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.039 V/m; Power Drift = -0.24 dB

Fast SAR: SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0335 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 = 4.039 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

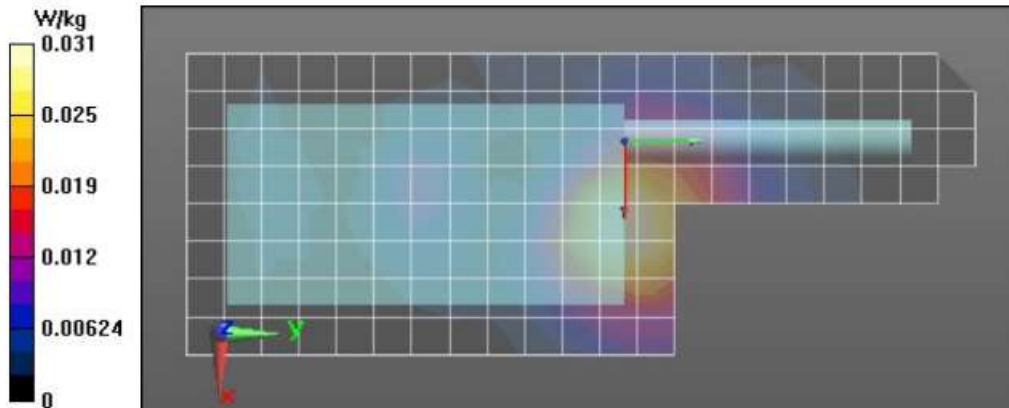
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.0338 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) = 0.0335 W/kg



Highest SAR at ISED WLAN 2.4GHz Face

Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/1/2024 3:10:22 AM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240801-03@
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 20.9 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 2412.0000 (MHz)
 Battery: PMNN4889A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0527 (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; $\sigma = 1.777$ S/m; $\epsilon_r = 37.631$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2412 MHz, ConvF(7.5, 7.5, 7.5) @ 2412 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 6.670 V/m; Power Drift = -0.28 dB

Fast SAR: SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0889 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 = 6.670 V/m; Power Drift = -0.46 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.036 W/kg (SAR corrected for target medium)

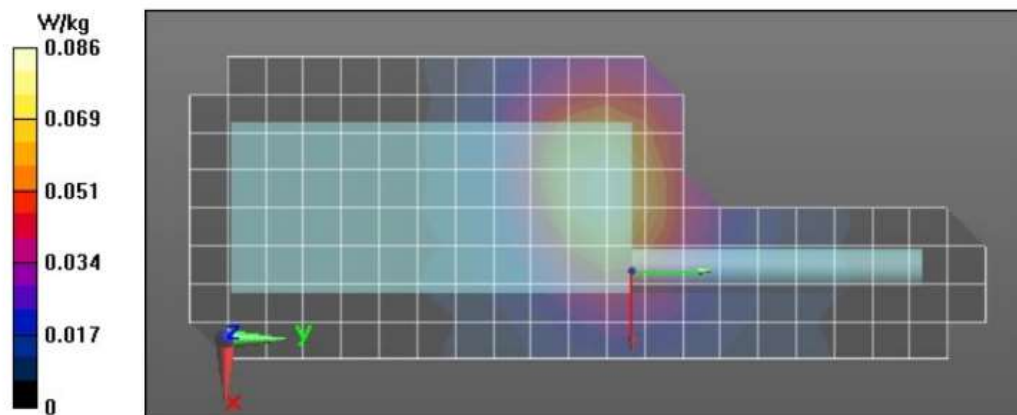
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.0869 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) = 0.0840 W/kg



Highest SAR at FCC WLAN 5GHz UNII-2A Body**Table 31****Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/3/2024 1:48:05 PM

Robot#: DASY5-PG-2 | Run#: MHN(MAN)-AB-240803-04
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.0 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5260.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN4651A
 Audio Acc: None
 Start Power: 0.0582 (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; $\sigma = 4.748$ S/m; $\epsilon_r = 38.375$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5260 MHz, ConvF(5.21, 5.21, 5.21) @ 5260 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x281x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 5.634 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.032 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.148 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 = 5.634 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)

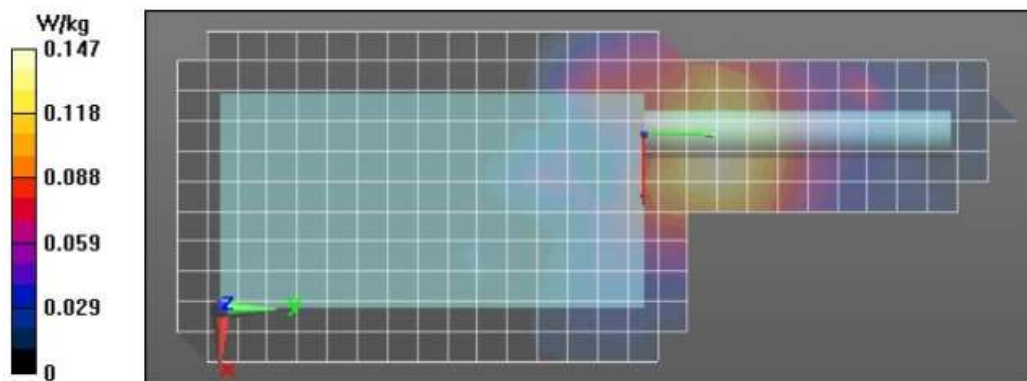
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.144 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) = 0.137 W/kg



Highest SAR at FCC WLAN 5GHz UNII-2A Face

Table 31

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/4/2024 3:20:26 PM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240804-08
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.5 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5260.0000 (MHz)
 Battery: PMNN4890A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0592 (W)

Comments: Full Scan

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; $\sigma = 4.458$ S/m; $\epsilon_r = 38.057$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5260 MHz, ConvF(5.21, 5.21, 5.21) @ 5260 MHz
 Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x281x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 6.483 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.049 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.234 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 = 6.483 V/m; Power Drift = -0.31 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.049 W/kg (SAR corrected for target medium)

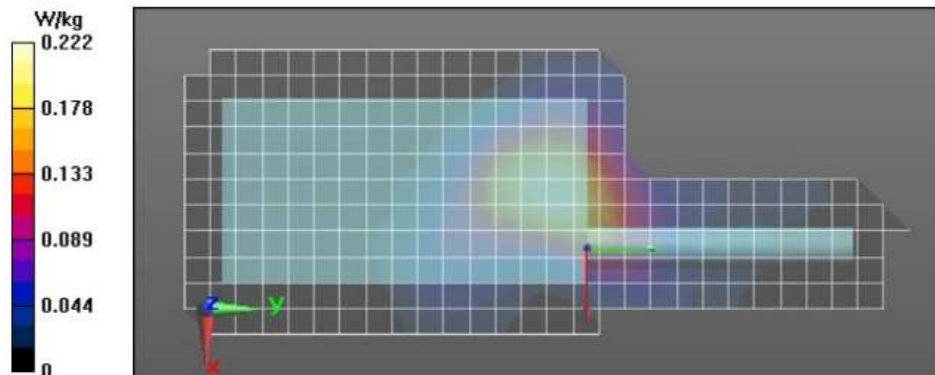
Smallest distance from peaks to all points 3 dB below = 15.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 0.229 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) = 0.226 W/kg



Highest SAR at FCC WLAN 5GHz UNII-2C Body

Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2024 11:25:16 PM

Robot#: DASY5-PG-2 | Run#: MHN(MAN)-AB-240805-10
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.0 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5600.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN4651A
 Audio Acc: None
 Start Power: 0.0310(W)

Comments: Shortened Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.808$ S/m; $\epsilon_r = 37.104$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5600 MHz, ConvF(4.64, 4.64, 4.64) @ 5600 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Shortened Ab Scan/1-Area Scan (111x281x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.356 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.242 W/kg

4-6 GHz-Rev.5/Shortened Ab Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.427 V/m; Power Drift = 0.37 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.014 W/kg (SAR corrected for target medium)

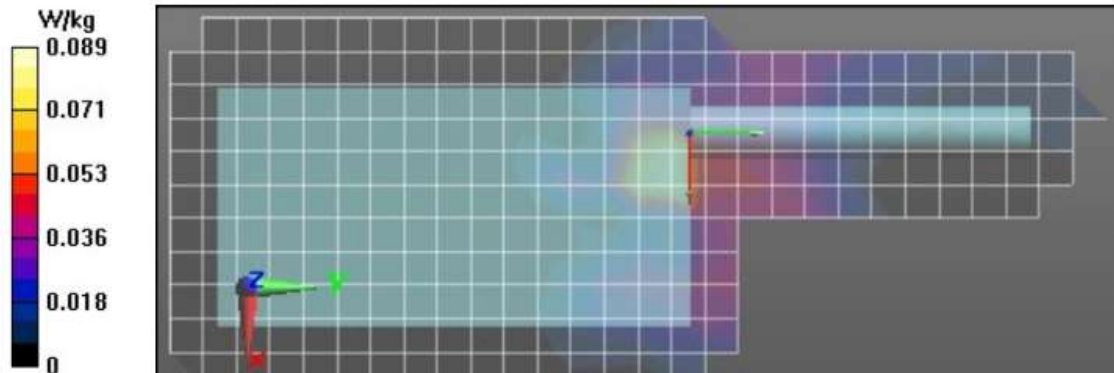
Smallest distance from peaks to all points 3 dB below = 4.8 mm

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

Maximum value of SAR (measured) = 0.172 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) = 0.186 W/kg



Highest SAR at FCC WLAN 5GHz UNII-2C Face

Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2024 3:59:24 PM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240805-05
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.5 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5600.0000 (MHz)
 Battery: PMNN4890A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0316 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.808$ S/m; $\epsilon_r = 37.104$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5600 MHz, ConvF(4.64, 4.64, 4.64) @ 5600 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x281x1): Interpolated grid: $dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 4.823 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.025 W/kg (SAR corrected for target medium)

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

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.823 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.026 W/kg (SAR corrected for target medium)

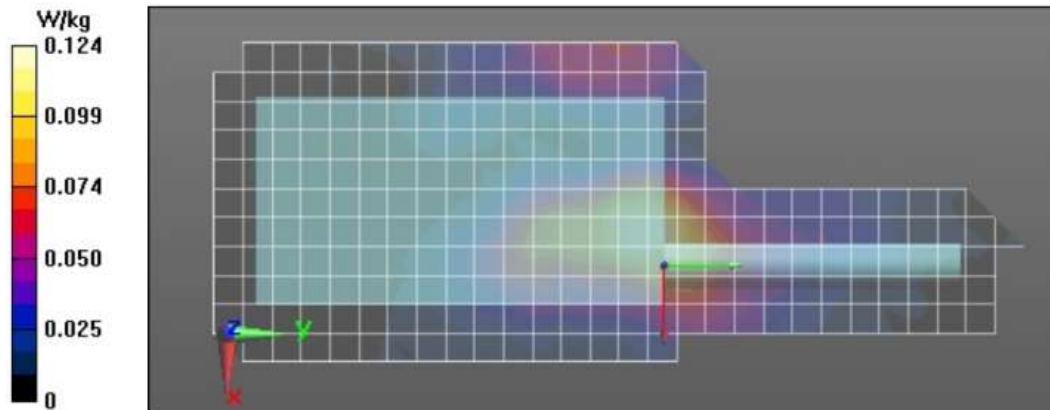
Smallest distance from peaks to all points 3 dB below = 15.3 mm

Ratio of SAR at M2 to SAR at M1 = 55.3%

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

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm

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



Highest SAR at FCC WLAN 5GHz UNII-3 Body

Table 33

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/8/2024 2:40:32 AM

Robot#: DASY5-PG-2 | Run#: BAD(MAN)-AB-240808-03@
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 20.4 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5745.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN7008A
 Audio Acc: None
 Start Power: 0.0268(W)

Comments : Shortened Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5745$ MHz; $\sigma = 4.886$ S/m; $\epsilon_r = 36.076$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5745 MHz, ConvF(4.79, 4.79, 4.79) @ 5745 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Shortened Ab Scan/1-Area Scan (91x261x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.636 V/m; Power Drift = -0.41 dB

Fast SAR: SAR(1 g) = 0.00304 W/kg; SAR(10 g) = 0.000385 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0432 W/kg

4-6 GHz-Rev.5/Shortened Ab Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.695 V/m; Power Drift = -0.69 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00641 W/kg (SAR corrected for target medium)

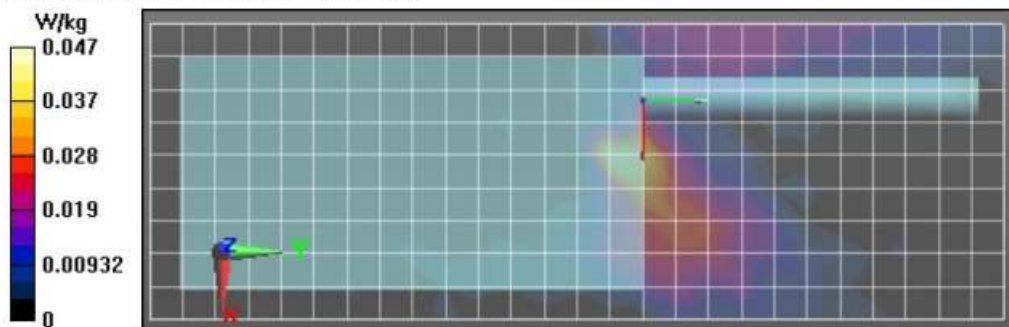
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0843 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) = 0.0724 W/kg



Highest SAR at FCC WLAN 5GHz UNII-3 Face

Table 33

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/9/2024 9:03:46 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-240809-05@
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.3 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5745.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0268(W)

Comments: Full Scan, Softpot: 14

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.149$ S/m; $\epsilon_r = 35.94$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5745 MHz, ConvF(4.79, 4.79, 4.79) @ 5745 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x281x1): Interpolated grid: $dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 3.590 V/m; Power Drift = -0.35 dB

Fast SAR: SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.014 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0978 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (11x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.590 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.010 W/kg (SAR corrected for target medium)

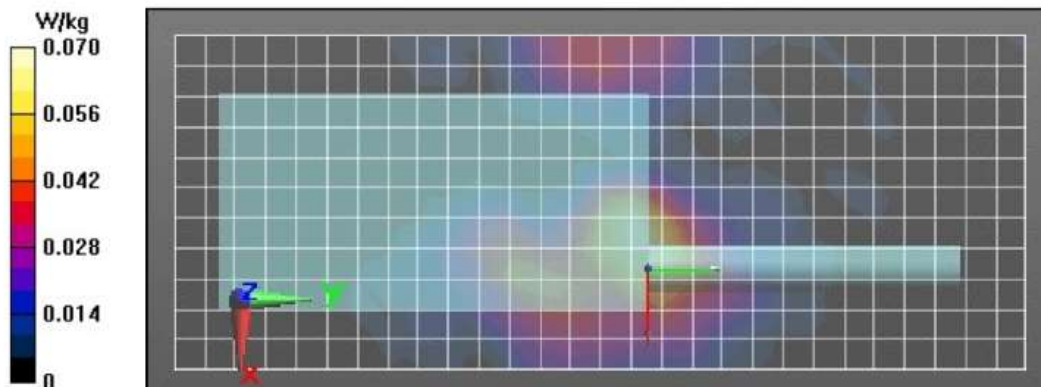
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 0.0673 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm

Maximum value of SAR (measured) = 0.0674 W/kg



Highest SAR at ISED WLAN 5GHz UNII-2A Body

Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2024 1:48:05 PM

Robot#: DASY5-PG-2 | Run#: MHN(MAN)-AB-240803-04
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.0 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5260.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN4651A
 Audio Acc: None
 Start Power: 0.0582 (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; $\sigma = 4.748$ S/m; $\epsilon_r = 38.375$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5260 MHz, ConvF(5.21, 5.21, 5.21) @ 5260 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x281x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 5.634 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.032 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.148 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 = 5.634 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)

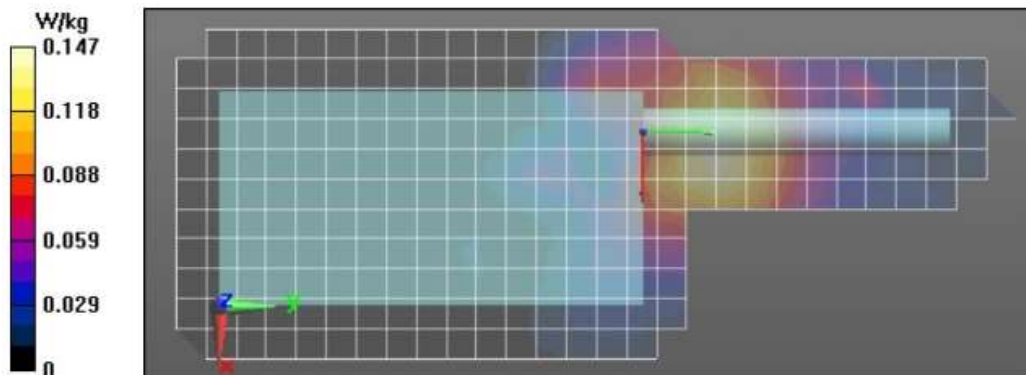
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.144 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) = 0.137 W/kg



Highest SAR at ISED WLAN 5GHz UNII-2A Face

Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/4/2024 4:36:48 PM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240804-09
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: EL14 1090
 Tissue Temp: 20.8 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5300.0000 (MHz)
 Battery: PMNN4890A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0552 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.5$ S/m; $\epsilon_r = 38.006$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5300 MHz, ConvF(5.21, 5.21, 5.21) @ 5300 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x281x1): Interpolated grid: dx=0.9000 mm,

dy=0.9000 mm

Reference Value = 6.936 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.051 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.245 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 = 6.936 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.051 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.1 mm

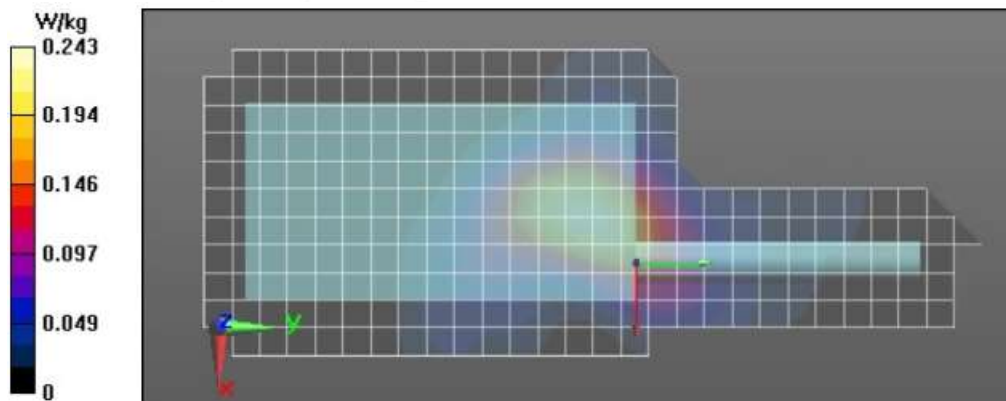
Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 0.244 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) = 0.242 W/kg



Highest SAR at ISED WLAN 5GHz UNII-2C Body**Table 34****Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/5/2024 11:25:16 PM

Robot#: DASY5-PG-2 | Run#: MHN(MAN)-AB-240805-10
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.0 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5600.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN4651A
 Audio Acc: None
 Start Power: 0.0310(W)

Comments: Shortened Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.808$ S/m; $\epsilon_r = 37.104$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5600 MHz, ConvF(4.64, 4.64, 4.64) @ 5600 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Shortened Ab Scan/1-Area Scan (111x281x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.356 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.242 W/kg

4-6 GHz-Rev.5/Shortened Ab Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.427 V/m; Power Drift = 0.37 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.014 W/kg (SAR corrected for target medium)

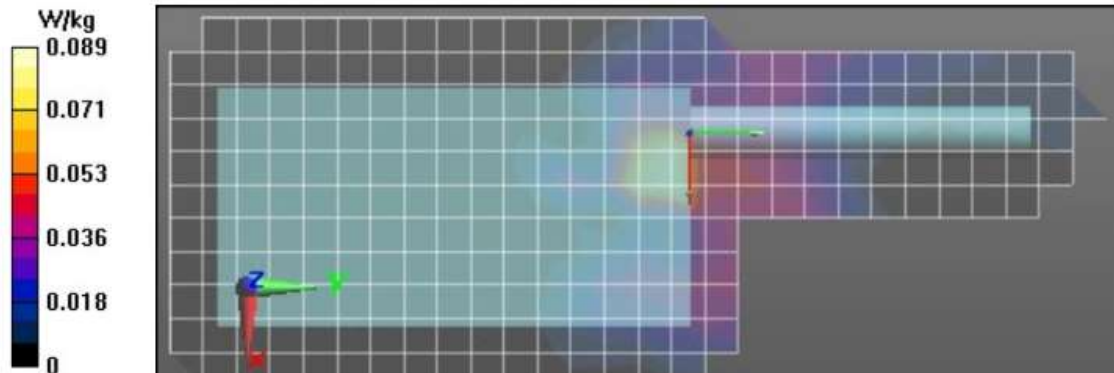
Smallest distance from peaks to all points 3 dB below = 4.8 mm

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

Maximum value of SAR (measured) = 0.172 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) = 0.186 W/kg



Highest SAR at ISED WLAN 5GHz UNII-2C Face**Table 34****Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/5/2024 3:59:24 PM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240805-05
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.5 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5600.0000 (MHz)
 Battery: PMNN4890A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0316 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.808$ S/m; $\epsilon_r = 37.104$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5600 MHz, ConvF(4.64, 4.64, 4.64) @ 5600 MHz
 Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x281x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 4.823 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.025 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.132 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 = 4.823 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.026 W/kg (SAR corrected for target medium)

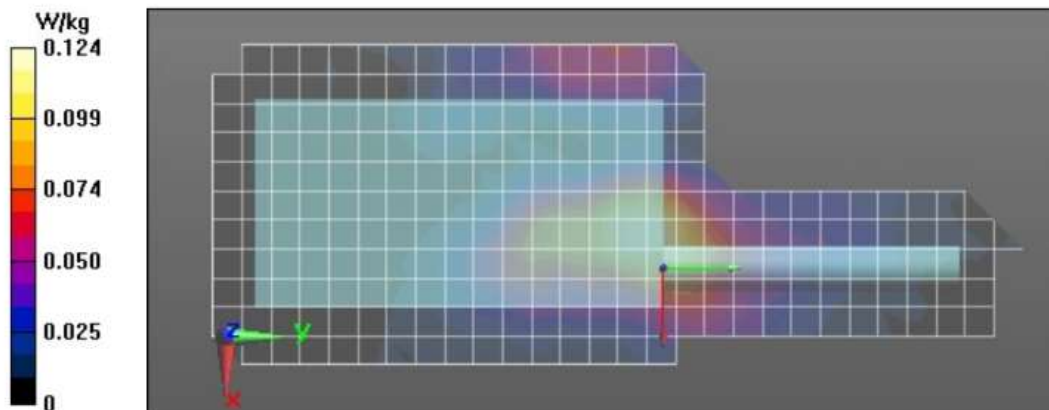
Smallest distance from peaks to all points 3 dB below = 15.3 mm

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 0.132 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) = 0.126 W/kg



Highest SAR at ISCED WLAN 5GHz UNII-3 Body

Table 34

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/8/2024 2:40:32 AM

Robot#: DASY5-PG-2 | Run#: BAD(MAN)-AB-240808-03@
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: EL14 1090
 Tissue Temp: 20.4 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5745.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: PMLN7008A
 Audio Acc: None
 Start Power: 0.0268(W)

Comments : Shortened Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5745$ MHz; $\sigma = 4.886$ S/m; $\epsilon_r = 36.076$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5745 MHz, ConvF(4.79, 4.79, 4.79) @ 5745 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Shortened Ab Scan/1-Area Scan (91x261x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.636 V/m; Power Drift = -0.41 dB

Fast SAR: SAR(1 g) = 0.00304 W/kg; SAR(10 g) = 0.000385 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0432 W/kg

4-6 GHz-Rev.5/Shortened Ab Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.695 V/m; Power Drift = -0.69 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00641 W/kg (SAR corrected for target medium)

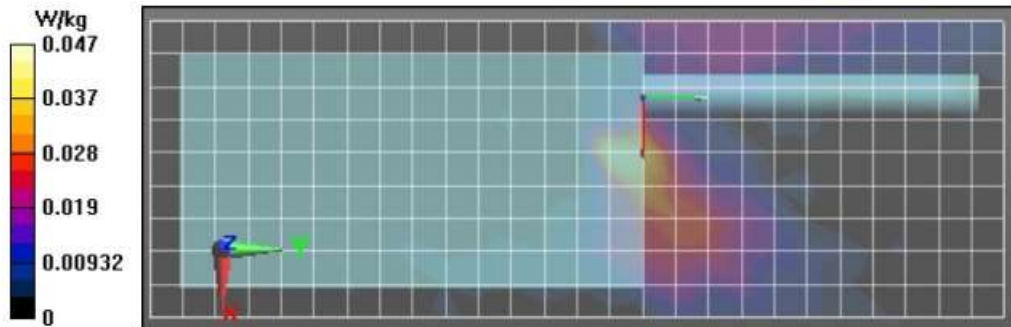
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0843 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) = 0.0724 W/kg



Highest SAR at ISED WLAN 5GHz UNII-3 Face**Table 34****Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/9/2024 9:03:46 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-240809-05@
 Model#: AAH07RDH9SA1AN (PMUE5916AAB)
 Phantom#: ELI4 1090
 Tissue Temp: 21.3 (C)
 Serial#: 651EAP0038
 Antenna: AN000389A01
 Test Freq: 5745.0000 (MHz)
 Battery: PMNN4888A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0268(W)

Comments: Full Scan, Softpot: 14

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.149$ S/m; $\epsilon_r = 35.94$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5745 MHz, ConvF(4.79, 4.79, 4.79) @ 5745 MHz

Electronics: DAE4 Sn1294, Calibrated: 2/22/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x281x1): Interpolated grid: $dx=0.9000$ mm, $dy=0.9000$ mm

Reference Value = 3.590 V/m; Power Drift = -0.35 dB

Fast SAR: SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.014 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0978 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (11x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.590 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.010 W/kg (SAR corrected for target medium)

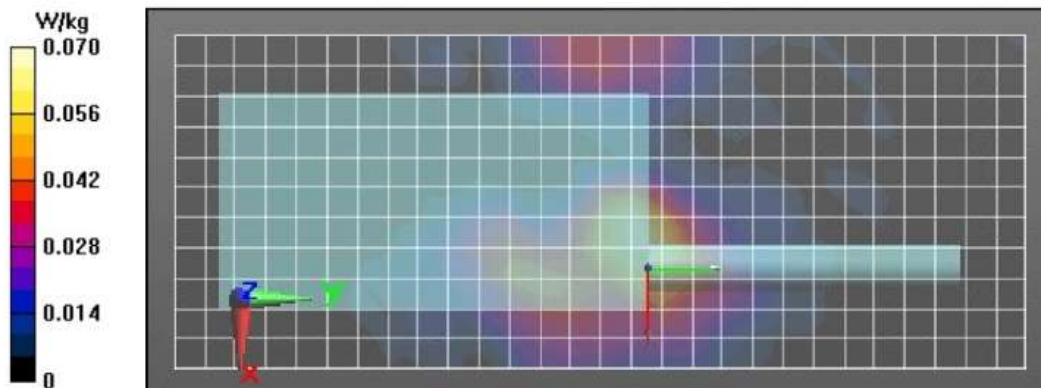
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 0.0673 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm

Maximum value of SAR (measured) = 0.0674 W/kg



APPENDIX F

Shortened Scan of Highest SAR configuration

Shortened Scan Table 36

9/27/24, 5:43 PM

BACK_0-00_PMAE4070A_PMNN4888A_PMLN4651A_None BT_0_CW_470-00MHz.html

Motorola Solutions, EME Laboratory

2024-09-27, 17:19

Measurement Report for PMUE5916AAB, 651EAP0071, BACK, D450, CW, Channel 70 (470.000 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUE5916AAB	651EAP0071	127.0 x 64.0 x 41.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	D450	CW, 0---	470.000, 70	11.68	0.892	43.8

Hardware Setup

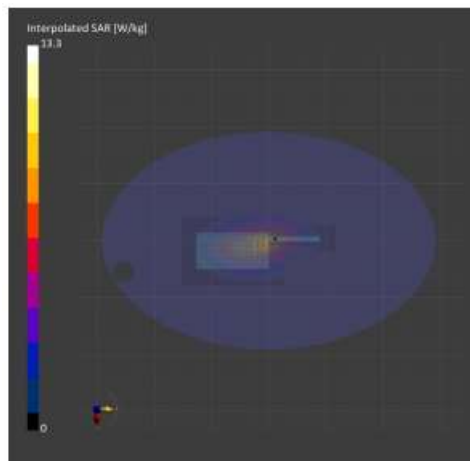
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1040	HSL450 , 2024-09-27	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-09-27, 17:19	2024-09-27, 17:32
psSAR1g [W/Kg]	8.68	8.58
psSAR10g [W/Kg]	6.30	6.20
Power Drift [dB]	-0.13	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.1
Dist 3dB Peak [mm]		> 15.0



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)
Shortened scan (zoom)	36	11	4.60
Full scan (area & zoom)	34	16	4.81

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