



**DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 3 of 3**

<b>Motorola Solutions Inc.</b> <b>EME Test Laboratory</b> Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas, Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.	<b>Date of Report:</b> 05/12/2024 <b>Report Revision:</b> C
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<b>Responsible Engineer:</b>	Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)
<b>Report Author:</b>	Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)
<b>Date/s Tested:</b>	02/21/24-03/11/24, 3/19/2024, 3/26/2024, 4/12/2024-4/16/2024, 4/20/2024-4/23/2024, 5/10/2024
<b>Manufacturer:</b>	Motorola Solutions Inc.
<b>Manufacturer Location:</b>	Sanmina, Penang
<b>DUT Description:</b>	Handheld Portable – APX N70 Single Band UHF Portable Radio, Model 4.5
<b>Test TX mode(s):</b>	Refer table 3 (part 1 of 3)
<b>Max. Power output:</b>	Refer table 3 (part 1 of 3)
<b>Nominal Power:</b>	Refer table 3 (part 1 of 3)
<b>Tx Frequency Bands:</b>	Refer table 3 (part 1 of 3)
<b>Signaling type:</b>	FM, QPSK, 16QAM, DSSS, OFDM, TDMA, LTE, FHSS (Bluetooth), NFC
<b>Model(s) Tested:</b>	H35XDT9PW8AN
<b>Model(s) Certified:</b>	Refer 1.0 Introduction (part 1 of 3)
<b>Serial Number(s):</b>	022TAB0433, 022TAB0434 & 022TAB0442
<b>Classification:</b>	Occupational/Controlled Environment
<b>Firmware Version:</b>	D02.76.02
<b>Applicant Name:</b>	Motorola Solutions Malaysia.
<b>Applicant Address:</b>	Plot 2A, Medan Bayan lepas, Mukim 12 SWD
<b>FCC ID:</b>	AZ489FT7176
<b>FCC Test Firm Registration Number:</b>	823256
<b>IC:</b>	109U-89FT7176
<b>ISED Test Site registration:</b>	24843
Add the following when applicable - This report contains results that are immaterial for FCC equipment approval, which are clearly identified.	
This report contains results that are immaterial for ISED equipment approval, which are clearly identified.	
The test results clearly demonstrate compliance with Occupational/Controlled RF Exposure limits of 8 W/kg averaged over 1 gram per the requirements of FCC 47 CFR § 2.1093 and RSS-102 (Issue 5)	

Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report (no deviation from standard methods). This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory. I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.

**Saw Sun Hock (Approval Signatory)**  
**Approved Date: 05/12/2024**

**APPENDIX D**  
**System Verification Check Scans**

Part 1 of 3

**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 2/26/2024 9:44:14 AM

Robot#: DASY5-PG-1 | Run#: BL-SYSP-450H-240226-09  
 Dipole Model#: D450V3  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.7 (C)  
 Serial#: 1077  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (ID): 0.15 dB  
 Adjusted SAR (1W): 4.96 mW/g (1g)

Comments:

Communication System Band: D450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 44.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 450 MHz, ConvF(12, 12, 12) @ 450 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

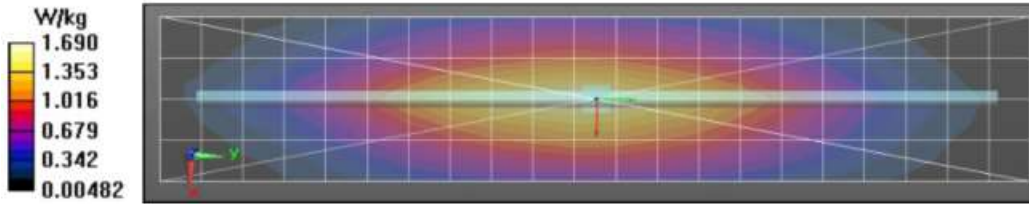
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 44.87 V/m; Power Drift = -0.02 dB  
**Fast SAR: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.921 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.69 W/kg

**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 = 44.87 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 1.98 W/kg  
**SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.838 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 = 63.8%  
 Maximum value of SAR (measured) = 1.71 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) = 1.72 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 2/24/2024 9:32:29 AM

Robot#: DASY5-PG-1 | Run#: EMR-SYSP-450H-240224-08  
 Dipole Model# D450V3  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.2 (C)  
 Serial#: 1053  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.210 dB  
 Adjusted SAR (1W): 4.80 mW/g (1g)

Comments:

Communication System Band: D450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.868$  S/m;  $v_r = 44.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 450 MHz, ConvF(12, 12, 12) @ 450 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

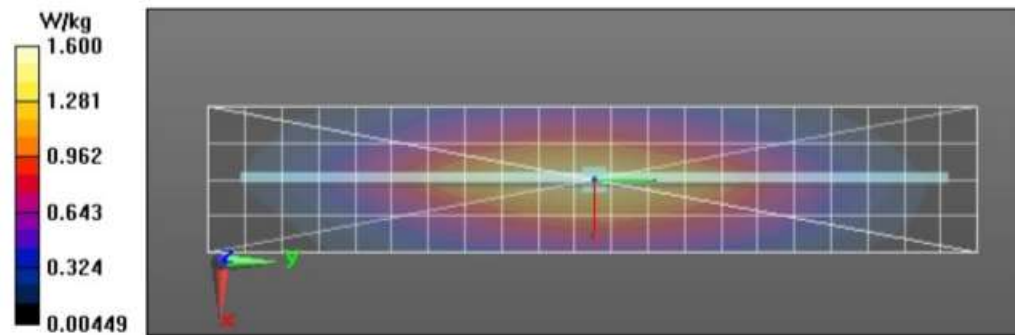
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 46.05 V/m; Power Drift = -0.09 dB  
**Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.885 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.60 W/kg

**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 = 46.05 V/m; Power Drift = -0.09 dB  
 Peak SAR (extrapolated) = 1.88 W/kg  
**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.802 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 = 63.6%  
 Maximum value of SAR (measured) = 1.62 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) = 1.72 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 3/8/2024 11:29:33 PM

Robot#: DASY5-PG-1 | Run#: AR-SYSP-240308-04  
 Dipole Model# D2450V2  
 Phantom#: ELI4 1090  
 Tissue Temp: 20.7 (C)  
 Serial#: 781  
 Test Freq: 2450.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (ID): 0.12 dB  
 Adjusted SAR (1W): 55.06 mW/g (1g)

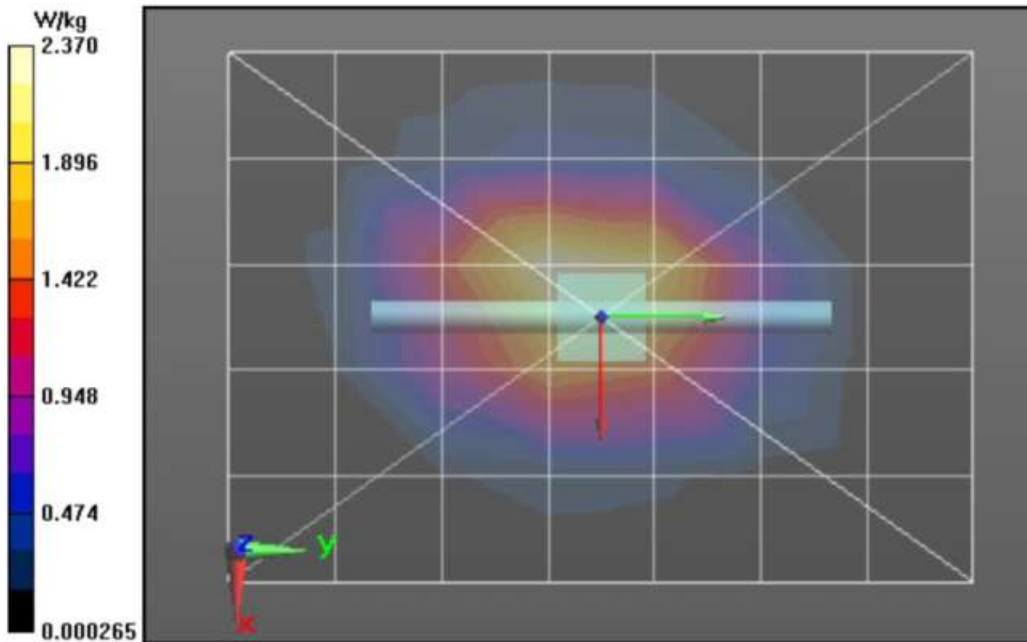
Comments:

Communication System Band: D2450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.751$  S/m;  $\epsilon_r = 39.04$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 2450 MHz, ConvF(7.52, 7.52, 7.52) @ 2450 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x71x1):** Interpolated grid:  
 dx=1.200 mm, dy=1.200 mm  
 Reference Value = 41.89 V/m; Power Drift = -0.04 dB  
**Fast SAR: SAR(1 g) = 1.83 W/kg; SAR(10 g) = 0.829 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 3.04 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 = 41.89 V/m; Power Drift = -0.04 dB  
 Peak SAR (extrapolated) = 3.54 W/kg  
**SAR(1 g) = 1.74 W/kg; SAR(10 g) = 0.812 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 = 49.3%  
 Maximum value of SAR (measured) = 2.87 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) = 2.84 W/kg



Motorola Solutions, Inc. EME Laboratory  
Date/Time: 3/1/2024 8:35:55 PM

Robot#: DASY5-PG-3 | Run#: MHN-SYSP-5250H-240301-07  
Dipole Model# D5GHzV2  
Phantom#: EL14 1050  
Tissue Temp: 21.1 (C)  
Serial#: 1022  
Test Freq: 5250.0000 (MHz)  
Start Power: 100 (mW)  
Rotation (1D): 0.23 dB  
Adjusted SAR (1W): 73.30 mW/g (1g)

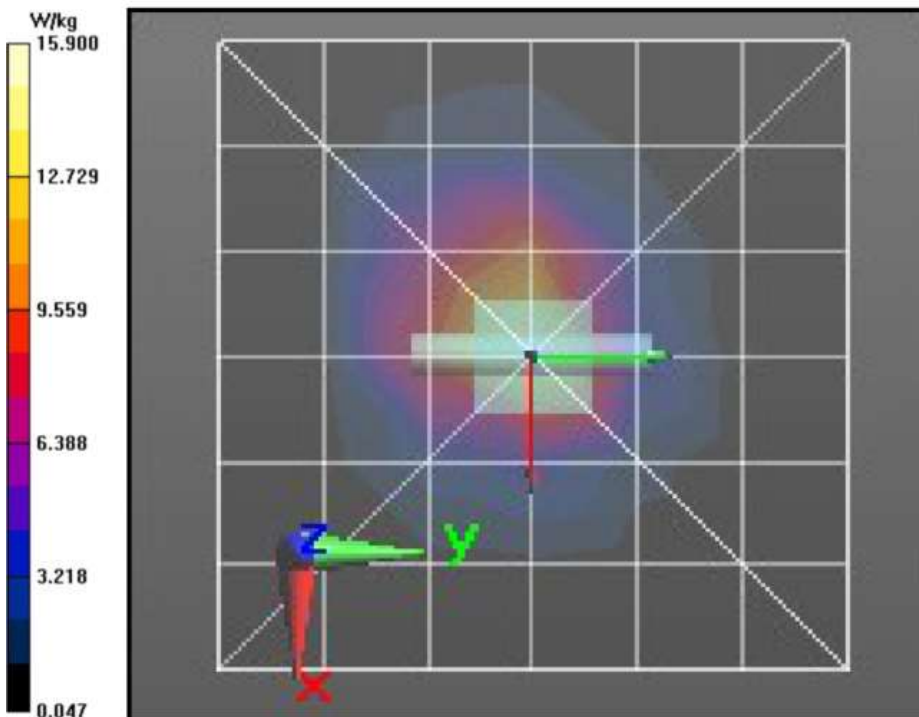
Comments:

Communication System Band: D5GHz (5000.0 - 6000.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,  
Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.464$  S/m;  $\epsilon_r = 35.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.4, 5.4, 5.4) @ 5250 MHz  
Electronics: DAE4 Sn684, 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 = 72.21 V/m; Power Drift = -0.12 dB  
**Fast SAR: SAR(1 g) = 7.02 W/kg; SAR(10 g) = 1.94 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 18.3 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 72.21 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 32.4 W/kg  
**SAR(1 g) = 7.33 W/kg; SAR(10 g) = 2.06 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 7.2 mm  
Ratio of SAR at M2 to SAR at M1 = 52.4%  
Maximum value of SAR (measured) = 17.3 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 19.1 W/kg



Part 2 of 3

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 3/14/2024 1:56:38 PM

Robot#: DASY5-PG-1 | Run#: AR-SYSP-750H-240314-06  
Dipole Model# D750V3  
Phantom#: ELI4 1090  
Tissue Temp: 20.2 (C)  
Serial#: 1098  
Test Freq: 750.0000 (MHz)  
Start Power: 31.6 (mW)  
Rotation (1D): 0.11 dB  
Adjusted SAR (1W): 9.21 mW/g (1g)

Comments:

Communication System Band: D750, Communication System UID: 0, Duty Cycle: 1:1,  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.83$  S/m;  $\epsilon_r = 44.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 750 MHz, ConvF(10.1, 10.1, 10.1) @ 750 MHz  
Electronics: DAF4 Sn850, Calibrated: 4/14/2022

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

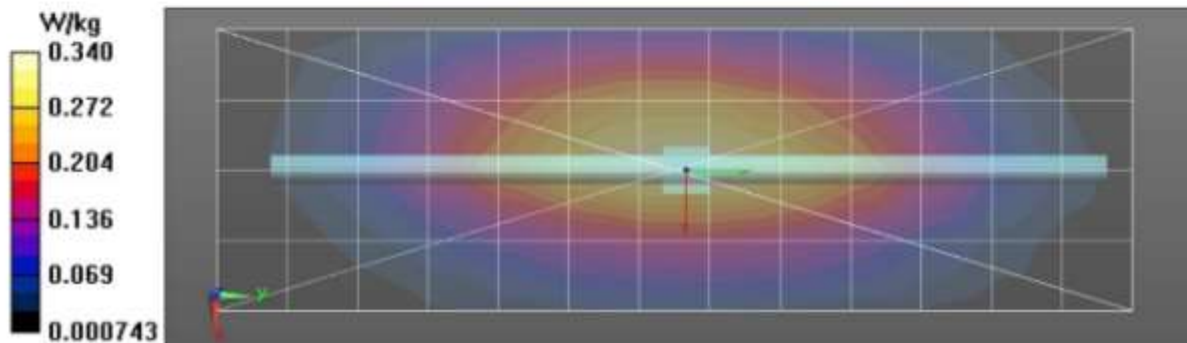
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 21.97 V/m; Power Drift = -0.10 dB  
Fast SAR: SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.194 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 0.355 W/kg

**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 = 21.97 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 0.408 W/kg  
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.191 W/kg (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 24.6 mm  
Ratio of SAR at M2 to SAR at M1 = 66.8%  
Maximum value of SAR (measured) = 0.360 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) = 0.359 W/kg



Motorola Solutions, Inc. EME Laboratory  
Date/Time: 5/10/2024 1:24:23 AM

Robot#: DASY5-PG-1 | Run#: EMR-SYSP-1800H-240510-01  
Dipole Model#: D1800V2  
Phantom#: ELI4 1103  
Tissue Temp: 21.2 (C)  
Serial#: 2D120  
Test Freq: 1800.0000 (MHz)  
Start Power: 31.6 (mW)  
Rotation (ID): 0.250 dB  
Adjusted SAR (1W): 40.51 mW/g (1g)

Comments:

Communication System Band: D1800, Communication System UID: 0, Duty Cycle: 1:1,  
Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.349$  S/m;  $\epsilon_r = 38.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 1800 MHz, ConvF(9.03, 9.03, 9.03) @ 1800 MHz  
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (31x61x1):**

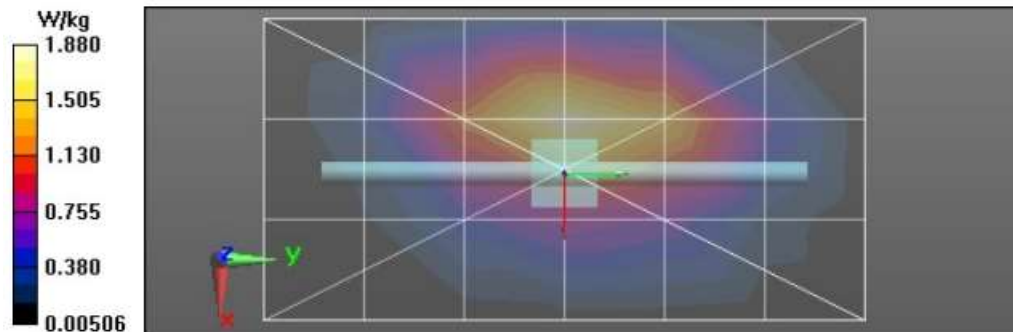
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 39.49 V/m; Power Drift = -0.12 dB  
**Fast SAR: SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.718 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 2.00 W/kg

**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 = 39.49 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 2.35 W/kg  
**SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.670 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 10.5 mm  
Ratio of SAR at M2 to SAR at M1 = 53.8%  
Maximum value of SAR (measured) = 1.96 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) = 1.94 W/kg





**APPENDIX E**  
**DUT Scans**

Part 1 of 3

Highest SAR at FCC LMR Body

Table 36

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 2/25/2024 1:50:19 PM

Robot#: DASYS-PG-1 | Run#: EMR-AB-240225-13  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1103  
 Tissue Temp: 20.2 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 423.8000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8508A belt clip  
 Audio Acc: None(BT)  
 Start Power: 5.63 (W)

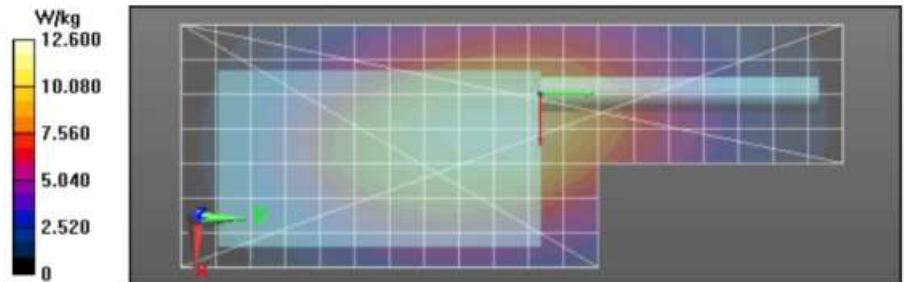
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 423.8$  MHz;  $\sigma = 0.843$  S/m;  $\epsilon_r = 43.721$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 423.8 MHz, ConvF(12, 12, 12) @ 423.8 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 113.9 V/m; Power Drift = -0.14 dB  
**Fast SAR: SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.78 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 12.7 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 = 113.9 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 14.6 W/kg  
**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.94 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%  
 Maximum value of SAR (measured) = 13.0 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) = 12.9 W/kg



### Highest SAR at FCC LMR Face

Table 39

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 2/26/2024 12:51:33 AM

Robot#: DASY5-PG-1 | Run#: AR-FACE-240226-02@  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1103  
 Tissue Temp: 20.4 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 423.8000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @ back  
 Audio Acc: N/A  
 Start Power: 5.69 (W)

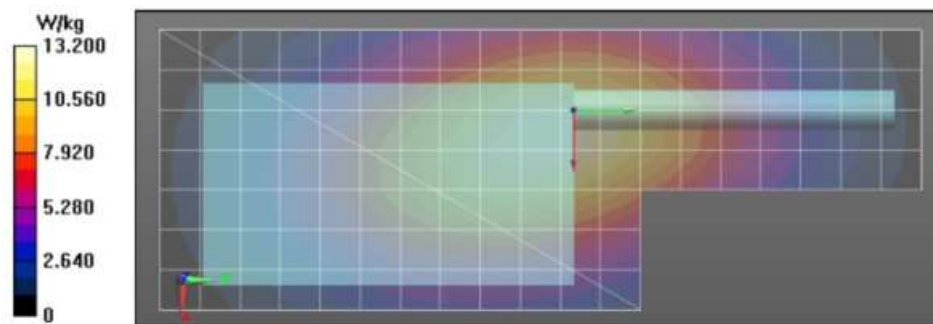
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 423.8$  MHz;  $\sigma = 0.843$  S/m;  $\epsilon_r = 43.721$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 423.8 MHz, ConvF(12, 12, 12) @ 423.8 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 120.1 V/m; Power Drift = -0.12 dB  
**Fast SAR: SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.18 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 13.4 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 = 120.1 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 15.0 W/kg  
**SAR(1 g) = 10.9 W/kg; SAR(10 g) = 8.26 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 = 71.8%  
 Maximum value of SAR (measured) = 13.3 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) = 13.2 W/kg



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

Table 40

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 2/25/2024 1:50:19 PM

Robot#: DASY5-PG-1 | Run#: EMR-AB-240225-13  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.2 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 423.8000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8508A belt clip  
 Audio Acc: None(BT)  
 Start Power: 5.63 (W)

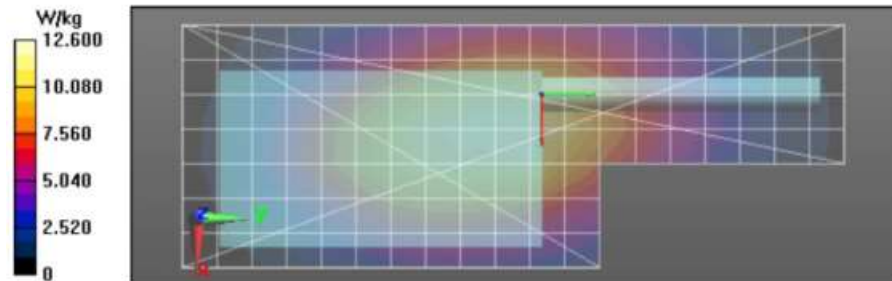
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 423.8$  MHz;  $\sigma = 0.843$  S/m;  $\epsilon_r = 43.721$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 423.8 MHz, ConvF(12, 12) @ 423.8 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 113.9 V/m; Power Drift = -0.14 dB  
**Fast SAR: SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.78 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 12.7 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 = 113.9 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 14.6 W/kg  
**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.94 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%  
 Maximum value of SAR (measured) = 13.0 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) = 12.9 W/kg



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

Table 40

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 2/26/2024 12:51:33 AM

Robot#: DASY5-PG-1 | Run#: AR-FACE-240226-02@  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1103  
 Tissue Temp: 20.4 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 423.8000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @ back  
 Audio Ace: N/A  
 Start Power: 5.69 (W)

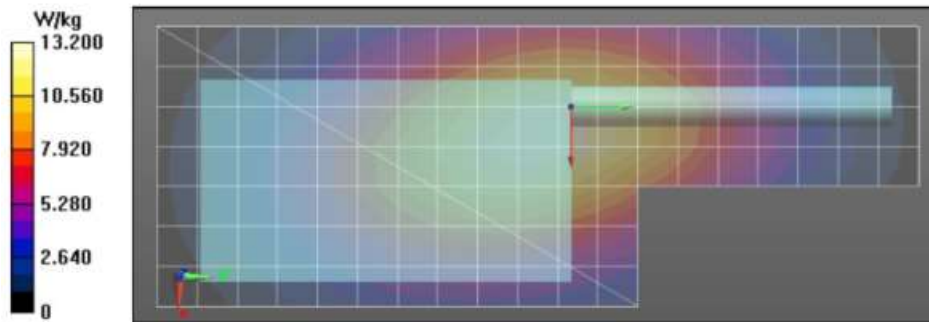
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 423.8$  MHz;  $\sigma = 0.843$  S/m;  $\epsilon_r = 43.721$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 423.8 MHz, ConvF(12, 12, 12) @ 423.8 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 120.1 V/m; Power Drift = -0.12 dB  
**Fast SAR: SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.18 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 13.4 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 = 120.1 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 15.0 W/kg  
**SAR(1 g) = 10.9 W/kg; SAR(10 g) = 8.26 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 = 71.8%  
 Maximum value of SAR (measured) = 13.3 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) = 13.2 W/kg



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

Table 40

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 2/26/2024 5:22:05 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-240226-16  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 450.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8508A belt clip  
 Audio Acc: None(BT)  
 Start Power: 5.70 (W)

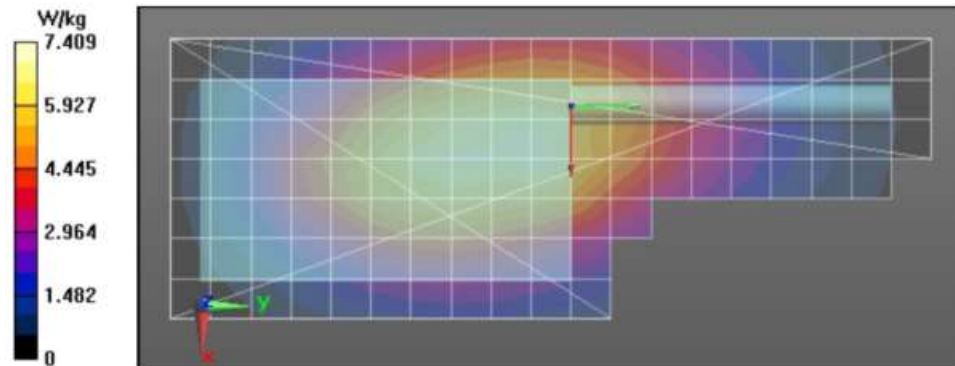
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 44.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 450 MHz, ConvF(12, 12, 12) @ 450 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 86.04 V/m; Power Drift = -0.14 dB  
**Fast SAR: SAR(1 g) = 6.04 W/kg; SAR(10 g) = 4.37 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 7.50 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 = 86.04 V/m; Power Drift = -0.13 dB  
 Peak SAR (extrapolated) = 8.55 W/kg  
**SAR(1 g) = 5.89 W/kg; SAR(10 g) = 4.42 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 67.1%  
 Maximum value of SAR (measured) = 7.41 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) = 7.54 W/kg



### Highest SAR at ISED LMR Face (450-470MHz)

Table 40

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/26/2024 3:11:44 AM

Robot#: DASY5-PG-1 | Run#: AR-FACE-240226-06@  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.4 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 450.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @ back  
 Audio Acc: N/A  
 Start Power: 5.63 (W)

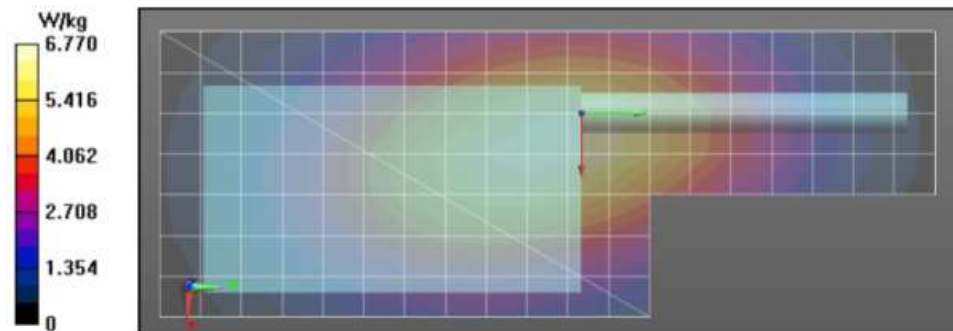
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.866$  S/m;  $\epsilon_r = 43.166$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 450 MHz, ConvF(12, 12, 12) @ 450 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 83.77 V/m; Power Drift = -0.14 dB  
**Fast SAR: SAR(1 g) = 5.55 W/kg; SAR(10 g) = 4.06 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 6.80 W/kg

**Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 83.77 V/m; Power Drift = -0.13 dB  
 Peak SAR (extrapolated) = 7.60 W/kg  
**SAR(1 g) = 5.41 W/kg; SAR(10 g) = 4.08 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 = 71.2%  
 Maximum value of SAR (measured) = 6.75 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) = 6.76 W/kg



### Highest LMR SAR at Outside FCC Frequency Range Body

Table 41

**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 2/27/2024 2:09:20 AM

Robot#: DASY5-PG-1 | Run#: AR-AB-240227-02  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1103  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 519.9875 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8508A belt clip  
 Audio Acc: None(BT)  
 Start Power: 5.60 (W)

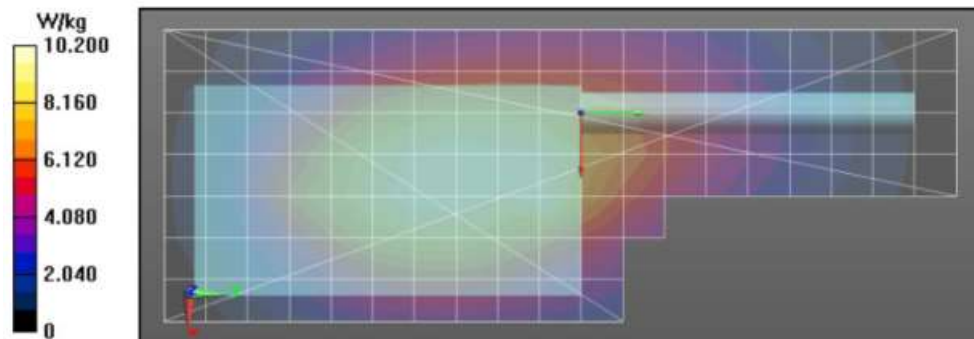
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 519.987$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 41.295$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 519.987 MHz, ConvF(12, 12, 12) @ 519.987 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 96.26 V/m; Power Drift = -0.44 dB  
**Fast SAR: SAR(1 g) = 8.46 W/kg; SAR(10 g) = 6.15 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 10.5 W/kg

**Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x8x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 96.26 V/m; Power Drift = -0.69 dB  
 Peak SAR (extrapolated) = 11.5 W/kg  
**SAR(1 g) = 7.98 W/kg; SAR(10 g) = 6.01 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 = 64.9%  
 Maximum value of SAR (measured) = 9.81 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) = 9.72 W/kg





## Highest LMR SAR at Outside FCC Frequency Range Face

Table 41

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 2/27/2024 2:45:59 AM

Robot#: DASY5-PG-1 | Run#: AR-FACE-240227-03  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.6 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 519.9875 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @ back  
 Audio Acc: N/A  
 Start Power: 5.69 (W)

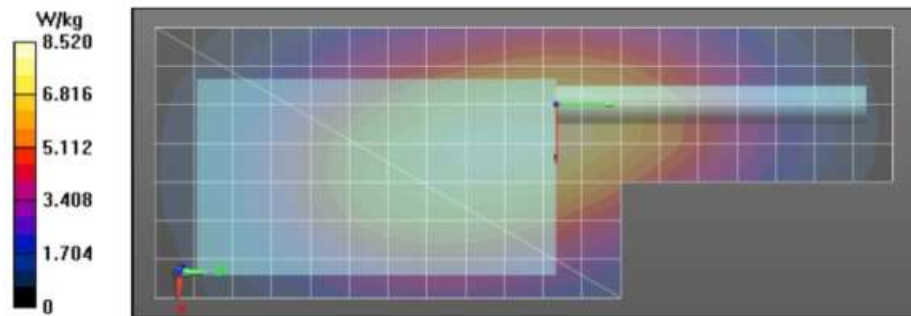
Comments:

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 519.987 \text{ MHz}$ ;  $\sigma = 0.914 \text{ S/m}$ ;  $\epsilon_r = 41.295$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 423.8 MHz, ConvF(12, 12, 12) @ 423.8 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 91.77 V/m; Power Drift = -0.32 dB  
**Fast SAR: SAR(1 g) = 6.96 W/kg; SAR(10 g) = 5.11 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 8.53 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 = 91.77 V/m; Power Drift = -0.49 dB  
 Peak SAR (extrapolated) = 8.75 W/kg  
**SAR(1 g) = 6.3 W/kg; SAR(10 g) = 4.74 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 = 71.8%  
 Maximum value of SAR (measured) = 7.83 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) = 7.62 W/kg



### Highest SAR at FCC WLAN 2.4GHz Body

Table 43

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/9/2024 1:29:14 PM

Robot#: DASY5-PG-1| Run#: BL-AB-240309-11@  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI4 1090  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000413A03  
 Test Freq: 2437.0000 (MHz)  
 Battery: PMNN4818A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.1288 (W)

Comments: SOFTPOT : 21.5 dbm

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

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.741$  S/m;  $\epsilon_r = 39.057$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 2437 MHz, ConvF(7.52, 7.52, 7.52) @ 2437 MHz

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

**2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x251x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 5.744 V/m; Power Drift = -0.39 dB

**Fast SAR: SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.023 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0705 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 = 5.744 V/m; Power Drift = -0.29 dB

Peak SAR (extrapolated) = 0.0860 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.023 W/kg** (SAR corrected for target medium)

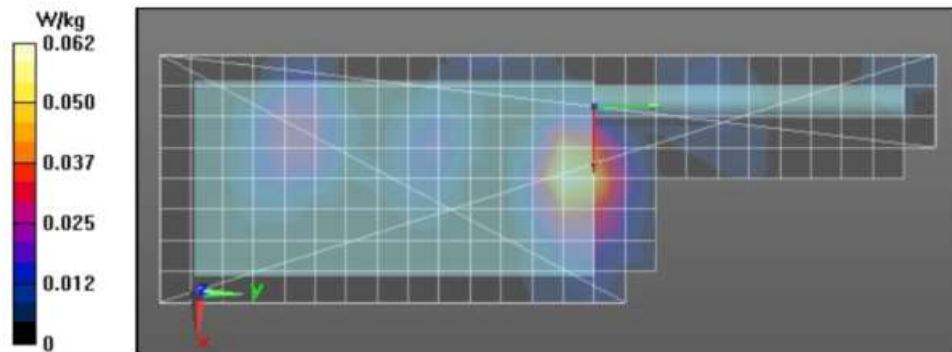
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0710 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) = 0.0688 W/kg



### Highest SAR at FCC WLAN 2.4GHz Face

Table 44

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 3/9/2024 4:30:58 PM

Robot#: DASY5-PG-1 | Run#: BL-FACE-240309-14@  
 Model#: H35UCT9PW8AN  
 Phantom#: EL14 1090  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000413A03  
 Test Freq: 2437.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: Front @ 2.5cm  
 Audio Acc: None  
 Start Power: 0.1321 (W)

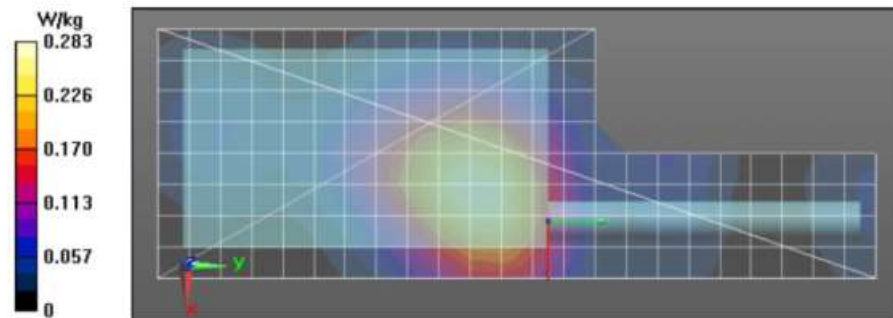
Comments: SOFTPOT : 21.5 dbm

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.4243,  
 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.741$  S/m;  $\epsilon_r = 39.057$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 2437 MHz, ConvF(7.52, 7.52, 7.52) @ 2437 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x231x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Reference Value = 13.22 V/m; Power Drift = -0.17 dB  
**Fast SAR: SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.114 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 0.284 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 = 13.22 V/m; Power Drift = -0.26 dB  
 Peak SAR (extrapolated) = 0.339 W/kg  
**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.119 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 = 56.3%  
 Maximum value of SAR (measured) = 0.285 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) = 0.282 W/kg



### Highest SAR at ISED WLAN 2.4GHz Body

Table 46

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/9/2024 1:29:14 PM

Robot#: DASY5-PG-1| Run#: BL-AB-240309-11@  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI4 1090  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000413A03  
 Test Freq: 2437.0000 (MHz)  
 Battery: PMNN4818A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.1288 (W)

Comments: SOFTPOT : 21.5 dbm

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

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.741$  S/m;  $\epsilon_r = 39.057$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 2437 MHz, ConvF(7.52, 7.52, 7.52) @ 2437 MHz

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

**2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x251x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 5.744 V/m; Power Drift = -0.39 dB

**Fast SAR: SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.023 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0705 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 = 5.744 V/m; Power Drift = -0.29 dB

Peak SAR (extrapolated) = 0.0860 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.023 W/kg** (SAR corrected for target medium)

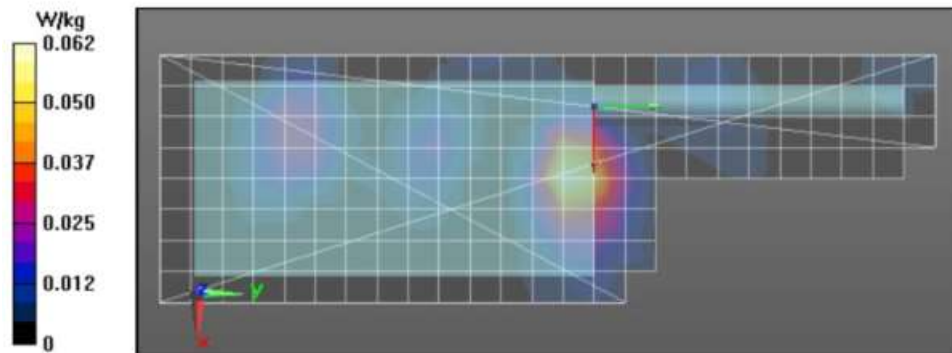
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0710 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) = 0.0688 W/kg



### Highest SAR at ISED WLAN 2.4GHz Face

Table 46

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/9/2024 11:52:56 PM

Robot#: DASY5-PG-1| Run#: AR-FACE-240309-19  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI4 1090  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000413A03  
 Test Freq: 2412.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: Front @ 2.5cm  
 Audio Acc: None  
 Start Power: 0.1191 (W)

Comments: SOFTPOT : 21.5 dbm

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;  $\sigma = 1.688$  S/m;  $\epsilon_r = 40.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 2412 MHz, ConvF(7.52, 7.52, 7.52) @ 2412 MHz

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

**2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x231x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 12.57 V/m; Power Drift = -0.28 dB

**Fast SAR: SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.104 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.252 W/kg

**2-3 GHz-Rev.3/Face Scan/3-Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.57 V/m; Power Drift = -0.30 dB

Peak SAR (extrapolated) = 0.301 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.109 W/kg** (SAR corrected for target medium)

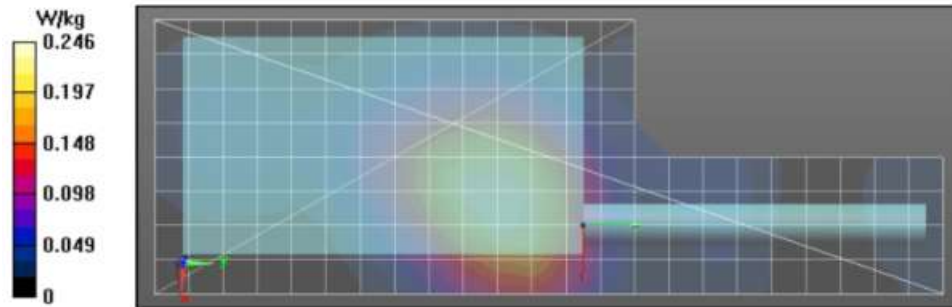
Smallest distance from peaks to all points 3 dB below = 22.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.253 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) = 0.246 W/kg



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

Table 48

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/28/2024 1:09:28 AM

Robot#: DASY5-PG-3 | Run#: MHN-AB-240228-01@  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI4 1050  
 Tissue Temp: 21.0 (C)  
 Serial#: 022TAB0442  
 Antenna: AN000413A03  
 Test Freq: 5270.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.0655 (W)

Comments: Shorten Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10117 - CAD, Duty Cycle: 1:6.41653,

Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.337$  S/m;  $\epsilon_r = 39.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5270 MHz, ConvF(5.4, 5.4, 5.4) @ 5270 MHz

Electronics: DAE4 Sn684, Calibrated: 2/22/2022

**4-6 GHz-Rev.5/Shortened Ab Scan/1-Area Scan (141x351x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 4.041 V/m; Power Drift = -0.86 dB

**Fast SAR: SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.012 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0606 W/kg

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

Reference Value = 3.680 V/m; Power Drift = 1.58 dB

Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.015 W/kg** (SAR corrected for target medium)

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

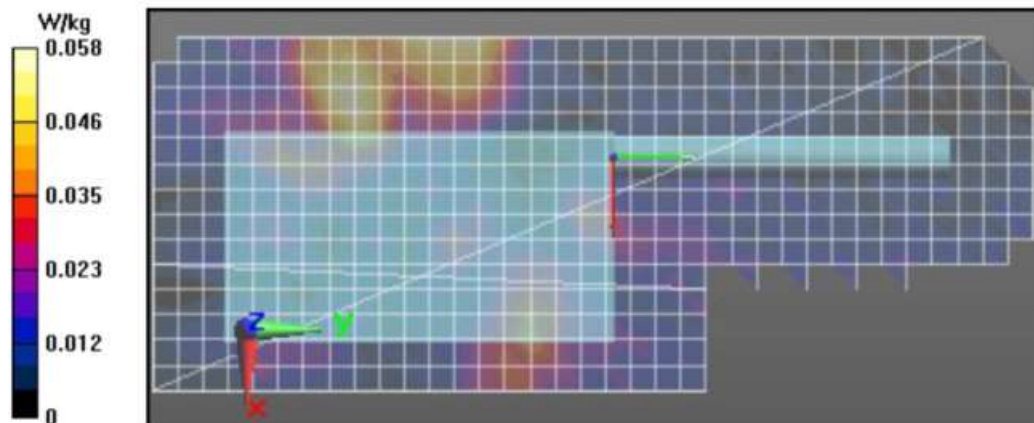
Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 0.0697 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) = 0.0725 W/kg



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

Table 48

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/1/2024 5:21:04 PM

Robot#: DASY5-pg-3 | Run#: ZIQ-FACE-240301-06@  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI 1050  
 Tissue Temp: 20.8 (C)  
 Serial#: 022TAB0442  
 Antenna: AN000413A03  
 Test Freq: 5270.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: Front @ 2.5cm  
 Audio Acc: None  
 Start Power: 0.0628 (W)

Comments: 802.11n - U-NII-2A, 40MHz 13.5Mbps

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10117 - CAD, Duty Cycle: 1:6.41653,

Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.378$  S/m;  $\epsilon_r = 34.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5270 MHz, ConvF(5.4, 5.4, 5.4) @ 5270 MHz

Electronics: DAE4 Sn684, Calibrated: 2/22/2022

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (131x331x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 16.46 V/m; Power Drift = -0.31 dB

**Fast SAR: SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.210 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.02 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 = 16.46 V/m; Power Drift = -0.29 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.204 W/kg** (SAR corrected for target medium)

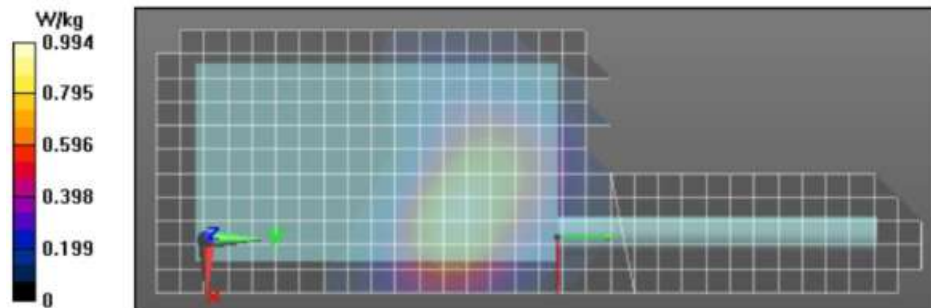
Smallest distance from peaks to all points 3 dB below = 17.3 mm

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

Maximum value of SAR (measured) = 0.972 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) = 0.973 W/kg



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

Table 48

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/2/2024 8:13:57 PM

Robot#: DASY5-PG-3 | Run#: BAD-AB-240302-07  
 Model#: H35UCT9PW8AN  
 Phantom#: EL14 1050  
 Tissue Temp: 20.8 (C)  
 Serial#: 022TAB0442  
 Antenna: AN000413A03  
 Test Freq: 5610.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.0507 (W)

Comments: 802.11ac, BW 80MHz, Softpot 18

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10544 - AAC, Duty Cycle: 1:7.02587,

Medium parameters used:  $f = 5610$  MHz;  $\sigma = 4.605$  S/m;  $\epsilon_r = 38.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5610 MHz, ConvF(4.82, 4.82, 4.82) @ 5610 MHz

Electronics: DAE4 Sn684, Calibrated: 2/22/2022

**4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (151x351x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 2.868 V/m; Power Drift = -2.39 dB

**Fast SAR: SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.011 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0561 W/kg

**4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (12x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.868 V/m; Power Drift = -4.43 dB

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00891 W/kg** (SAR corrected for target medium)

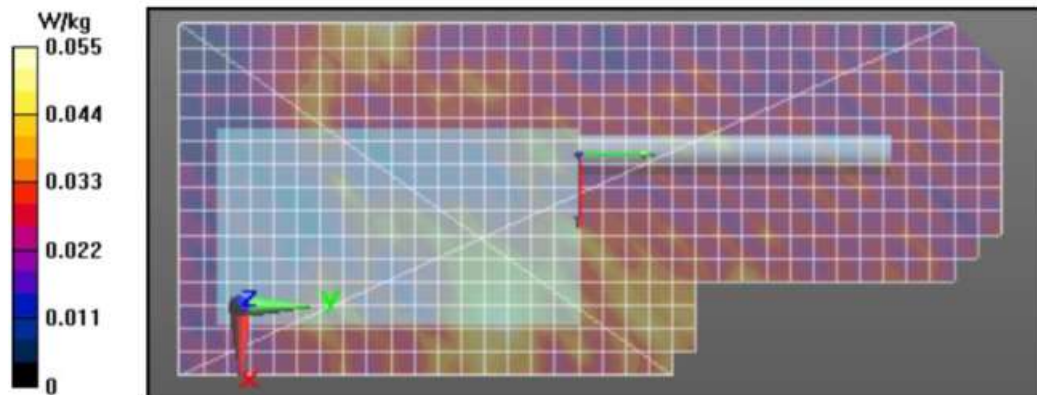
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 0.0481 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) = 0.0395 W/kg





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

Table 48

Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/6/2024 10:39:11 AM

Robot#: DASY5-PG-3 | Run#: MHN-FACE-240306-04@  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI 1050  
 Tissue Temp: 20.8 (C)  
 Serial#: 022TAB0442  
 Antenna: AN000413A03  
 Test Freq: 5610.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: Front @ 2.5cm  
 Audio Acc: None  
 Start Power: 0.0507 (W)

Comments: 802.11ac - U-NII-2C, 80MHz BW, Softpot 18

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10544 - AAC, Duty Cycle: 1:7.02587,

Medium parameters used:  $f = 5610$  MHz;  $\sigma = 4.631$  S/m;  $\epsilon_r = 38.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5610 MHz, ConvF(4.82, 4.82, 4.82) @ 5610 MHz

Electronics: DAE4 Sn684, Calibrated: 2/22/2022

**4-6 GHz-Rev.5/Shortened Face Scan/1-Area Scan (161x331x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 10.50 V/m; Power Drift = 0.10 dB

**Fast SAR: SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.081 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.406 W/kg

**4-6 GHz-Rev.5/Shortened Face Scan/2-Zoom Scan (8x8x12)/Cube 0:** Measurement grid:

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

Reference Value = 10.54 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.770 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.086 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.2 mm

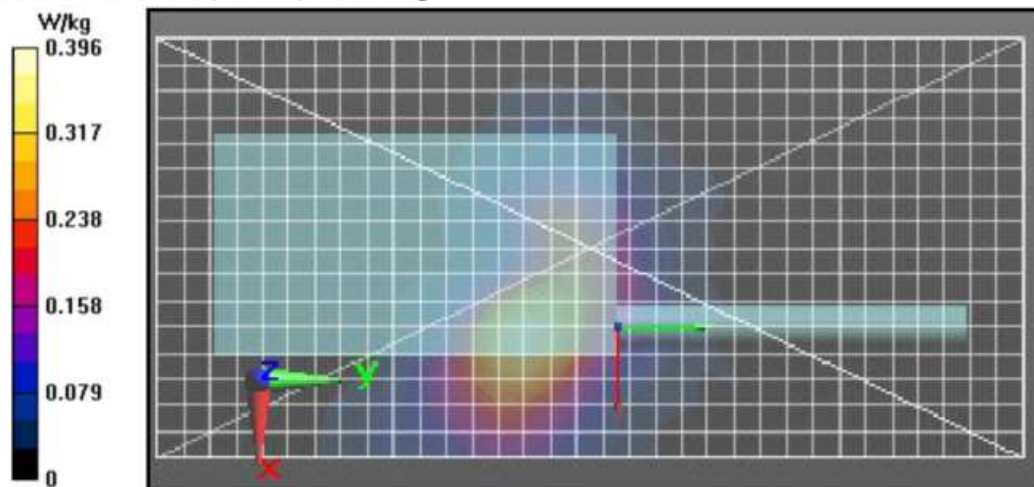
Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 0.425 W/kg

**4-6 GHz-Rev.5/Shortened Face Scan/3-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm,

dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.426 W/kg



**Highest SAR at FCC/ISED WLAN 5GHz UNII-3 Body**

**Table 48**

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 3/7/2024 2:48:44 AM

Robot#: DASY5-PG-3 | Run#: ZIQ-AB-240307-01@  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI4 1050  
 Tissue Temp: 20.2 (C)  
 Serial#: 022TAB0442  
 Antenna: AN000413A03  
 Test Freq: 5775.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.0560 (W)

Comments: 802.11ac, BW 80MHz, Softpot 18

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10544 - AAC, Duty Cycle: 1:7.02587,

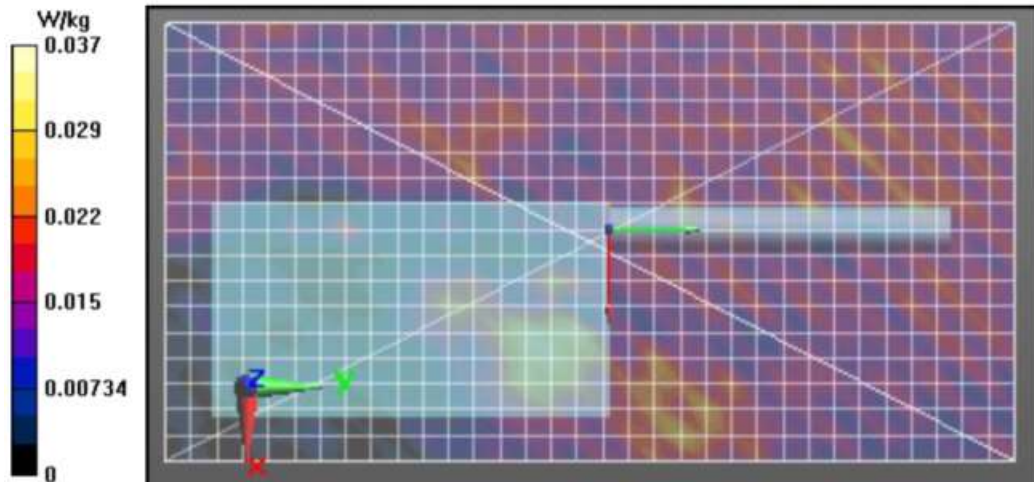
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 4.822$  S/m;  $\epsilon_r = 38.839$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5775 MHz, ConvF(4.89, 4.89, 4.89) @ 5775 MHz  
 Electronics: DAE4 Sn684, Calibrated: 2/22/2022

**4-6 GHz-Rev.5/Shortened Ab Scan/1-Area Scan (171x331x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 3.188 V/m; Power Drift = -2.36 dB  
**Fast SAR: SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00708 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 0.0460 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 = 2.320 V/m; Power Drift = -2.43 dB  
 Peak SAR (extrapolated) = 0.0880 W/kg  
**SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00441 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 = 64.4%  
 Maximum value of SAR (measured) = 0.0294 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) = 0.0191 W/kg



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

Table 48

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/9/2024 3:23:13 PM

Robot#: DASY5-PG-3 | Run#: BAD-FACE-240309-06@  
 Model#: H35UCT9PW8AN  
 Phantom#: ELI 1050  
 Tissue Temp: 20.3 (C)  
 Serial#: 022TAB0442  
 Antenna: AN000413A03  
 Test Freq: 5775.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: Front @ 2.5cm  
 Audio Acc: None  
 Start Power: 0.0560 (W)

Comments: 802.11ac - U-NII-3, 80MHz BW, Softpot 18

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10544 - AAC, Duty Cycle: 1:7.02587,

Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 4.761 \text{ S/m}$ ;  $\epsilon_r = 37.728$ ;  $\rho = 1000 \text{ kg/m}^3$

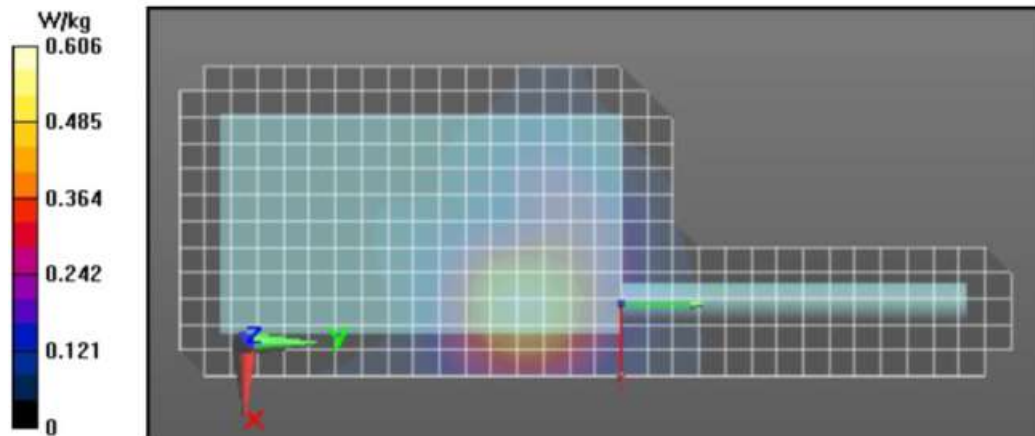
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5775 MHz, ConvF(4.89, 4.89, 4.89) @ 5775 MHz

Electronics: DAE4 Sn684, Calibrated: 2/22/2022

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (131x331x1):** Interpolated grid:  $dx=0.9000 \text{ mm}$ ,  $dy=0.9000 \text{ mm}$   
 Reference Value = 12.70 V/m; Power Drift = 0.08 dB  
**Fast SAR: SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.118 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 0.615 W/kg

**4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$   
 Reference Value = 12.70 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 1.14 W/kg  
**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.125 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 49.3%  
 Maximum value of SAR (measured) = 0.624 W/kg

**4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ ,  $dz=10\text{mm}$   
 Maximum value of SAR (measured) = 0.616 W/kg



Part 2 of 3

Highest SAR at FCC LTE Band 2 – Body

Table 5

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 4/14/2024 9:23:47 AM

Robot#: DASY5-PG-1 | Run#: BL-AB-240414-02  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1050  
 Tissue Temp: 21.3 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 1900.0000 (MHz)  
 Battery: PMNN4817A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.2301 (W)

Comments: IRB, BW:20MHz, Offset:Low

Communication System Band: Band 2 (1850.0 - 1910.0 MHz), Communication System UID: 10169 - CAF, Duty Cycle: 1:3.73852,

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.348$  S/m;  $\epsilon_r = 41.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 1900 MHz, ConvF(8.25, 8.25, 8.25) @ 1900 MHz

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

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 4.080 V/m; Power Drift = 0.08 dB

**Fast SAR: SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.010 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0237 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 = 4.080 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0270 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.012 W/kg** (SAR corrected for target medium)

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

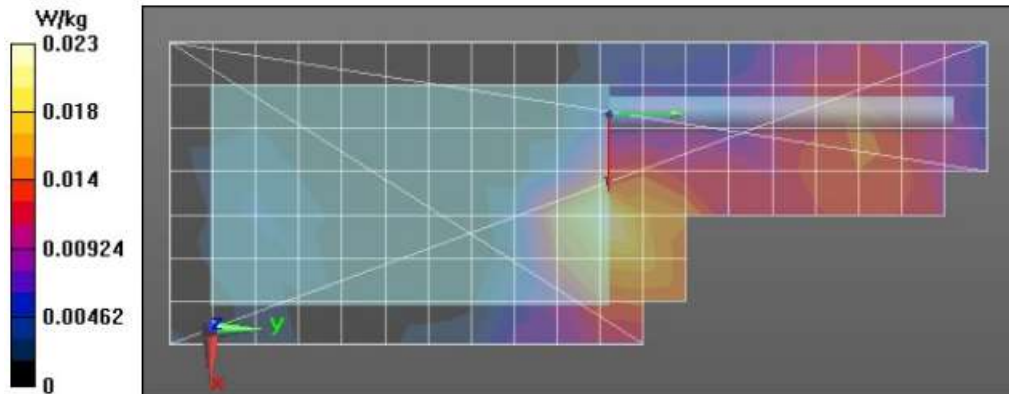
Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.0234 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) = 0.0232 W/kg



### Highest SAR at FCC LTE Band 2 – Face

Table 6

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/22/2024 2:34:10 PM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-240422-13  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 21.4 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 1900.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @Front  
 Audio Acc: None  
 Start Power: 0.2296 (W)

Comments: 1%RB, BW:20MHz, Offset: Low

Communication System Band: Band 2 (1850.0 - 1910.0 MHz), Communication System UID: 10169 - CAF, Duty Cycle: 1:3.73852,

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.43$  S/m;  $\epsilon_r = 39.405$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 1900 MHz, ConvF(8.25, 8.25, 8.25) @ 1900 MHz

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

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.49 V/m; Power Drift = -0.06 dB

**Fast SAR: SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.070 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.158 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 = 10.49 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.185 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.074 W/kg** (SAR corrected for target medium)

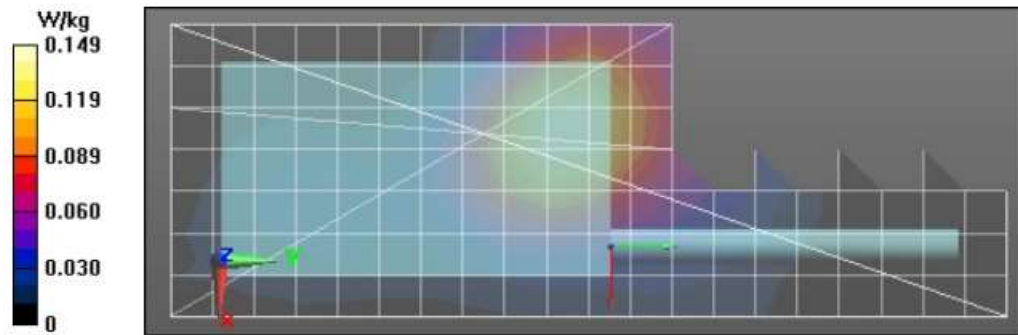
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 0.158 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) = 0.155 W/kg



### Highest SAR at ISED LTE Band 2 – Body

Table 7

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 4/14/2024 9:23:47 AM

Robot#: DASY5-PG-1 | Run#: BL-AB-240414-02  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1050  
 Tissue Temp: 21.3 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 1900.0000 (MHz)  
 Battery: PMNN4817A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.2301 (W)

Comments: 1RB, BW:20MHz, Offset:Low

Communication System Band: Band 2 (1850.0 - 1910.0 MHz), Communication System UID: 10169 - CAF, Duty Cycle: 1:3.73852,

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.348$  S/m;  $\epsilon_r = 41.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 1900 MHz, ConvF(8.25, 8.25, 8.25) @ 1900 MHz

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

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 4.080 V/m; Power Drift = 0.08 dB

**Fast SAR: SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.010 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0237 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 = 4.080 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0270 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.012 W/kg** (SAR corrected for target medium)

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

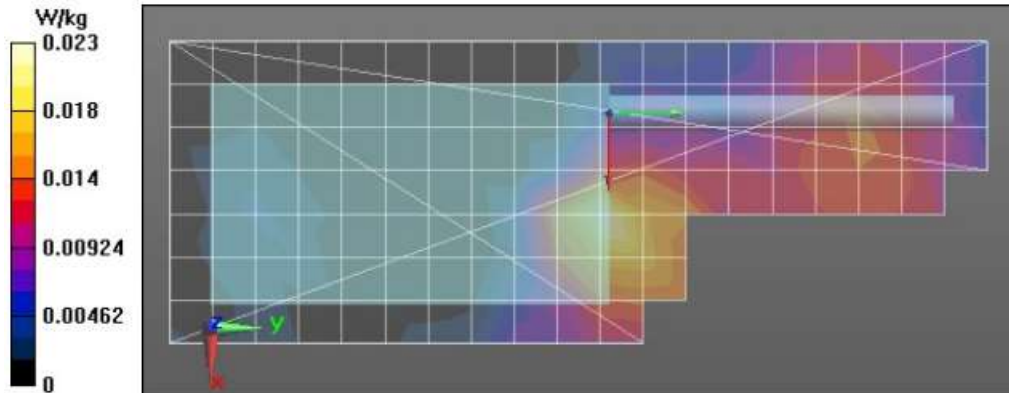
Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.0234 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) = 0.0232 W/kg



### Highest SAR at ISED LTE Band 2 – Face

Table 7

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 5/10/2024 4:52:19 AM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-240510-05  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.9 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 1860.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @Front  
 Audio Acc: None  
 Start Power: 0.2213 (W)

Comments: 1%RB, BW:20MHz, Offset: Low

Communication System Band: Band 2 (1850.0 - 1910.0 MHz), Communication System UID: 10169 - CAF, Duty Cycle: 1:3.73852,

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.386$  S/m;  $\epsilon_r = 38.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 1860 MHz, ConvF(8.25, 8.25, 8.25) @ 1860 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.28 V/m; Power Drift = -0.13 dB

**Fast SAR: SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.078 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.175 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 = 11.28 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.085 W/kg** (SAR corrected for target medium)

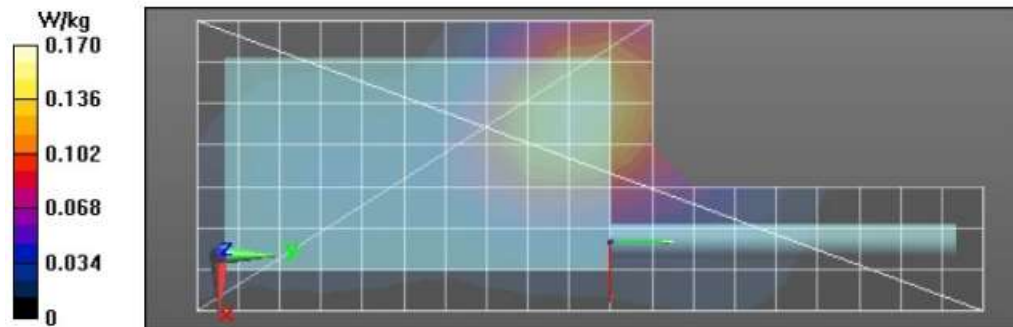
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 66.2%

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



### Highest SAR at FCC/ISED LTE Band 4 – Body

Table 9

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 4/15/2024 3:29:21 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-240415-06  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1050  
 Tissue Temp: 20.8 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 1732.5000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8372A w/ PMLN5408A belt loop  
 Audio Acc: None  
 Start Power: 0.2249 (W)

Comments: 1RB, BW:20MHz, Offset:Mid

Communication System Band: Band 4 (1710.0 - 1755.0 MHz), Communication System UID: 10169 - CAF, Duty Cycle: 1:3.73852,

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.3$  S/m;  $\epsilon_r = 42.976$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: FX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 1732.5 MHz, ConvF(9.03, 9.03, 9.03) @ 1732.5 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 2.741 V/m; Power Drift = -0.28 dB

**Fast SAR: SAR(1 g) = 0.00797 W/kg; SAR(10 g) = 0.00422 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0120 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 = 2.741 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 0.0120 W/kg

**SAR(1 g) = 0.00731 W/kg; SAR(10 g) = 0.00444 W/kg** (SAR corrected for target medium)

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

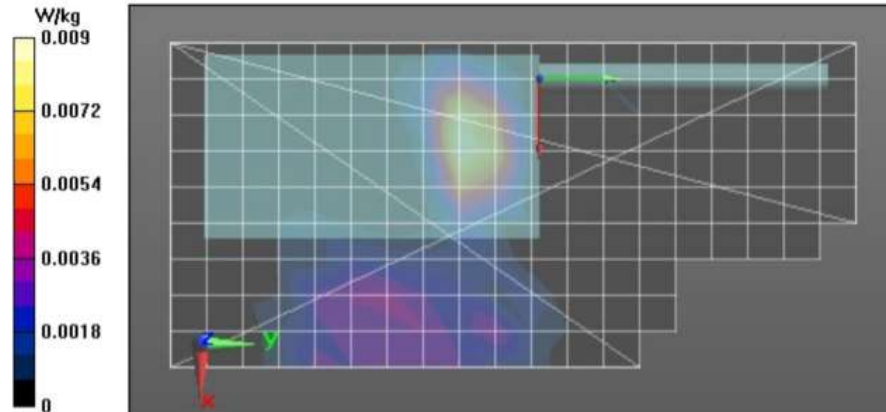
Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 0.00986 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) = 0.00962 W/kg





### Highest SAR at FCC/ISED LTE Band 4 – Face

Table 10

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 3/5/2024 4:28:50 AM

Robot#: DASY5-PG-1 | Run#: BL-FACE-240305-06@  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1090  
 Tissue Temp: 20.6 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 1732.5000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @Front  
 Audio Acc: None  
 Start Power: 0.2249 (W)

Comments: 1RB, BW:20MHz, Offset: Mid

Communication System Band: Band 4 (1710.0 - 1755.0 MHz), Communication System UID: 10169 - CAF, Duty Cycle: 1:3.73852,

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.331$  S/m;  $\epsilon_r = 41.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 1732.5 MHz, ConvF(9.03, 9.03, 9.03) @ 1732.5 MHz

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

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 14.58 V/m; Power Drift = -0.10 dB

**Fast SAR: SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.120 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.264 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 = 14.58 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.128 W/kg** (SAR corrected for target medium)

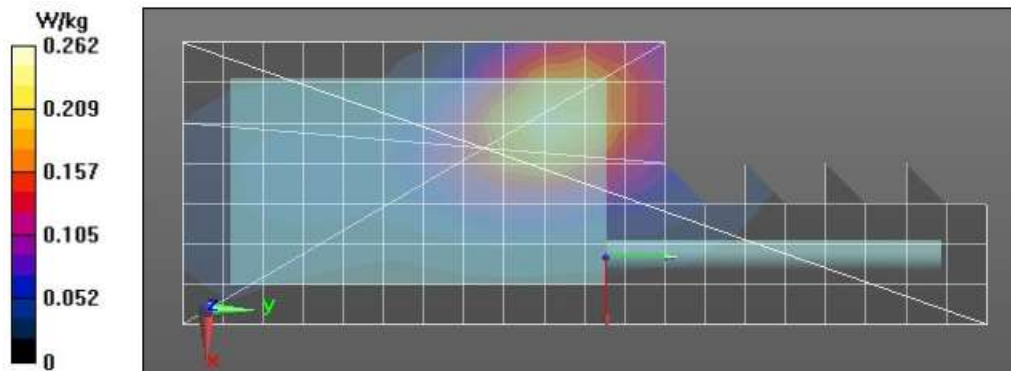
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 65.1%

Maximum value of SAR (measured) = 0.258 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) = 0.264 W/kg



### Highest SAR at FCC/ISED LTE Band 12 – Body

Table 12

Motorola Solutions, Inc. EME Laboratory  
Date/Time: 4/21/2024 4:15:14 AM

Robot#: DASY5-PG-1 | Run#: BL-AB-240421-07@  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 21.5 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 707.5000 (MHz)  
 Battery: PMNN4818A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.2188 (W)

Comments: 1RB, BW:10MHz, Offset: Low

Communication System Band: Band 12 (699.0 - 716.0 MHz), Communication System UID: 10175 - CAH, Duty Cycle: 1:3.73594,

Medium parameters used: f = 707.5 MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 40.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 707.5 MHz, ConvF(10.1, 10.1, 10.1) @ 707.5 MHz

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

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 14.29 V/m; Power Drift = -0.11 dB

**Fast SAR: SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.092 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.162 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 = 14.29 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.101 W/kg** (SAR corrected for target medium)

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

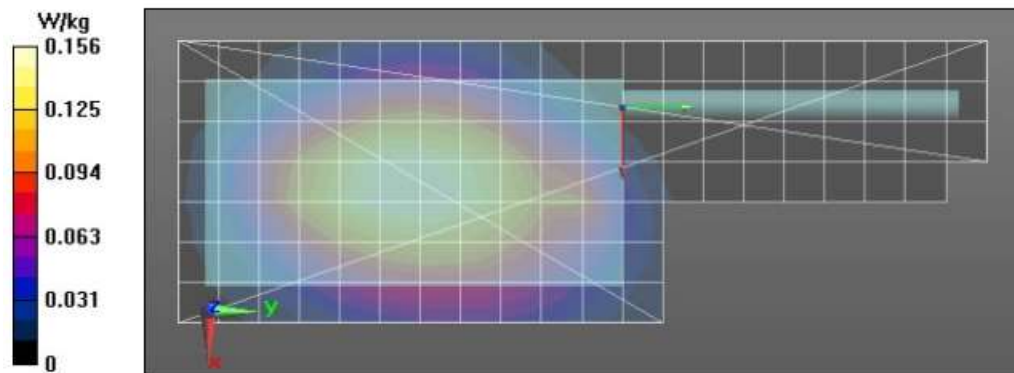
Ratio of SAR at M2 to SAR at M1 = 76.7%

Maximum value of SAR (measured) = 0.161 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) = 0.159 W/kg



### Highest SAR at FCC/ISED LTE Band 12 – Face

Table 13

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/14/2024 4:24:18 PM

Robot#: DASY5-PG-1 | Run#: AR-FACE-240314-08  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1090  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 707.5000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @Front  
 Audio Acc: None  
 Start Power: 0.2148 (W)

Comments: 1RB, BW:10MHz, Offset: High

Communication System Band: Band 12 (699.0 - 716.0 MHz), Communication System UID: 10175 - CAH, Duty Cycle: 1:3.73594,

Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.815$  S/m;  $\epsilon_r = 44.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 707.5 MHz, ConvF(10.1, 10.1, 10.1) @ 707.5 MHz

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

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.68 V/m; Power Drift = -0.02 dB

**Fast SAR: SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.062 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.103 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 = 11.68 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 0.106 W/kg

**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.066 W/kg** (SAR corrected for target medium)

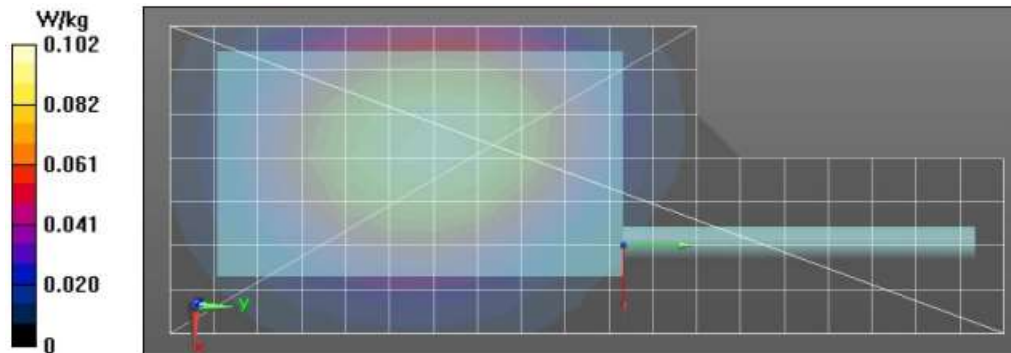
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0972 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) = 0.0941 W/kg



### Highest SAR at FCC/ISED LTE Band 13 – Body

Table 15

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/5/2024 12:19:12 AM

Robot#: DASY5-PG-1 | Run#: BL-AB-240304-03  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1090  
 Tissue Temp: 20.5 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 782.0000 (MHz)  
 Battery: PMNN4817A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.2198 (W)

Comments: 1RB, BW:10MHz, Offset: Low

Communication System Band: Band 13 (777.0 - 787.0 MHz), Communication System UID: 10175 - CAH, Duty Cycle: 1:3.73594,

Medium parameters used: f = 782 MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 43.678$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 782 MHz, ConvF(10.1, 10.1, 10.1) @ 782 MHz

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

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 14.84 V/m; Power Drift = -0.16 dB

**Fast SAR: SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.099 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.176 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 = 14.84 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 0.190 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.112 W/kg** (SAR corrected for target medium)

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

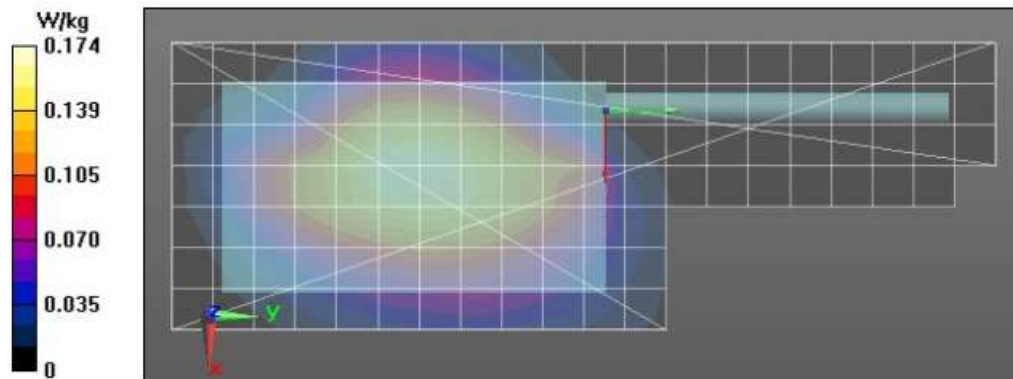
Ratio of SAR at M2 to SAR at M1 = 77.1%

Maximum value of SAR (measured) = 0.176 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) = 0.173 W/kg



**Highest SAR at FCC/ISED LTE Band 13 – Face**

**Table 16**

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 4/16/2024 4:02:13 PM

Robot#: DASY5-PG-1 | Run#: BL-FACE-240416-11  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1103  
 Tissue Temp: 20.6 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 782.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @Front  
 Audio Acc: None  
 Start Power: 0.21928 (W)

Comments: IRB, BW:10MHz, Offset: Low

Communication System Band: Band 13 (777.0 - 787.0 MHz), Communication System UID: 10175 - CAH, Duty Cycle: 1:3.73594,

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.91 \text{ S/m}$ ;  $\epsilon_r = 42.328$ ;  $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 782 MHz, ConvF(10.1, 10.1, 10.1) @ 782 MHz

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

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.17 V/m; Power Drift = -0.10 dB

**Fast SAR: SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.081 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.144 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 = 13.17 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.155 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.088 W/kg** (SAR corrected for target medium)

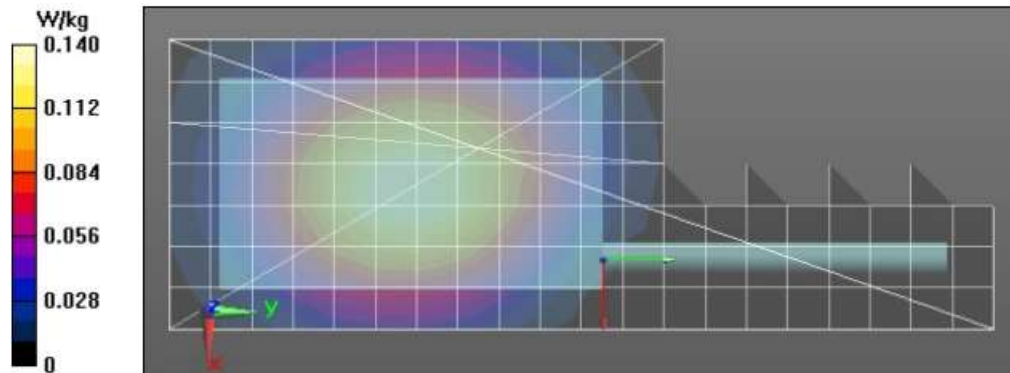
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 75.6%

Maximum value of SAR (measured) = 0.142 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) = 0.144 W/kg



### Highest SAR at FCC/ISED LTE Band 14 – Body

Table 18

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 4/21/2024 8:43:21 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-240421-21  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1103  
 Tissue Temp: 21.3 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 793.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: PMLN8371A w/ PMLN8507A belt clip  
 Audio Acc: None  
 Start Power: 0.2296 (W)

Comments: 1RB, BW:10MHz, Offset: Low

Communication System Band: Band 14 (788.0 - 798.0 MHz), Communication System UID: 10175 - CAH, Duty Cycle: 1:3.73594,

Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 40.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 793 MHz, ConvF(10.1, 10.1, 10.1) @ 793 MHz

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

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.98 V/m; Power Drift = -0.11 dB

**Fast SAR: SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.117 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.211 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 = 15.98 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.127 W/kg** (SAR corrected for target medium)

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

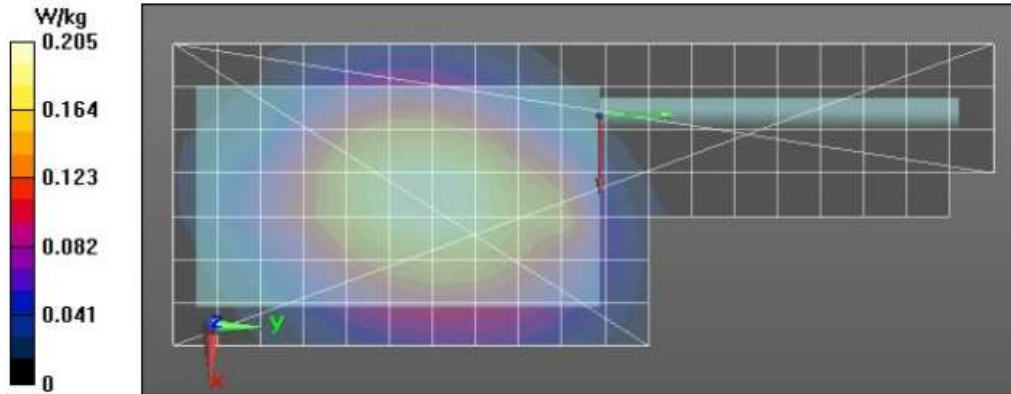
Ratio of SAR at M2 to SAR at M1 = 75.4%

Maximum value of SAR (measured) = 0.210 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) = 0.213 W/kg



### Highest SAR at FCC/ISED LTE Band 14 – Face

Table 19

**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 4/20/2024 4:45:05 AM

Robot#: DASY5-PG-1 | Run#: BL-FACE-240420-08@  
 Model#: H35XDT9PW8AN  
 Phantom#: EL14 1103  
 Tissue Temp: 21.5 (C)  
 Serial#: 022TAB0434  
 Antenna: AN000452A01  
 Test Freq: 793.0000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @Front  
 Audio Acc: None  
 Start Power: 0.2296 (W)

Comments: 1RB, BW:10MHz, Offset: Low

Communication System Band: Band 14 (788.0 - 798.0 MHz), Communication System UID: 10175 - CAH, Duty Cycle: 1:3.73594,

Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.871 \text{ S/m}$ ;  $\epsilon_r = 41.683$ ;  $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 793 MHz, ConvF(10.1, 10.1, 10.1) @ 793 MHz

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

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Reference Value = 13.52 V/m; Power Drift = -0.05 dB

**Fast SAR: SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.082 W/kg** (SAR corrected for target medium)

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

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

Reference Value = 13.52 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.159 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.092 W/kg** (SAR corrected for target medium)

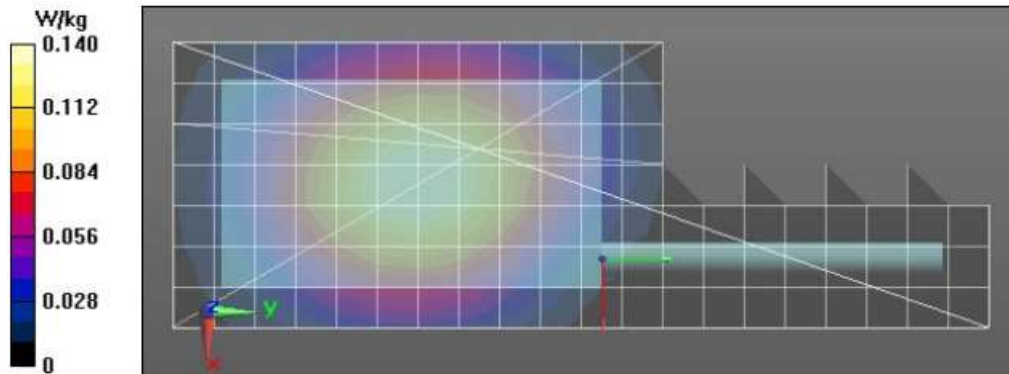
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

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

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

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



**APPENDIX F**  
**Shorten Scan of Highest SAR Configuration**



Part 1 of 3

Table 50

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/26/2024 11:08:25 PM

Robot#: DASY5-PG-1 | Run#: AR-FACE-240226-23  
 Model#: H35XDT9PW8AN  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.4 (C)  
 Serial#: 022TAB0433  
 Antenna: AN000452A01  
 Test Freq: 423.8000 (MHz)  
 Battery: PMNN4816A  
 Carry Acc: @ back  
 Audio Acc: N/A  
 Start Power: 5.70 (W)

Comments: Shorten scan

Communication System Band: Aloha UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 423.8 \text{ MHz}$ ;  $\sigma = 0.868 \text{ S/m}$ ;  $\epsilon_r = 44.925$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7594, Calibrated: 12/7/2023, Frequency: 423.8 MHz, ConvF(12, 12, 12) @ 423.8 MHz  
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x201x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Reference Value = 120.2 V/m; Power Drift = -0.13 dB  
**Fast SAR: SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.26 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 13.7 W/kg

**Below 2 GHz-Rev.3/Face Scan/2-Volume Scan 2D (5x5x1):** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=1\text{mm}$

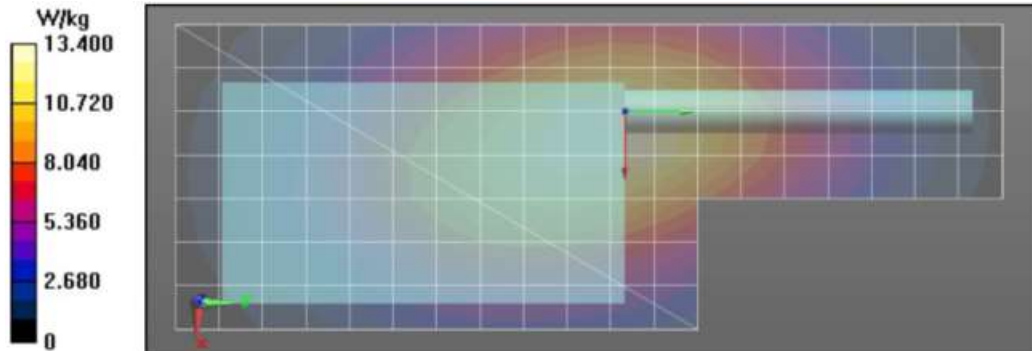
Reference Value = 120.2 V/m; Power Drift = -0.16 dB  
 Maximum value of SAR (measured) = 13.7 W/kg

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

Reference Value = 131.7 V/m; Power Drift = -0.12 dB  
 Peak SAR (extrapolated) = 15.7 W/kg  
**SAR(1 g) = 11.4 W/kg; SAR(10 g) = 8.65 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 72.6%  
 Maximum value of SAR (measured) = 14.0 W/kg

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

Maximum value of SAR (measured) = 13.7 W/kg



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

<b>Scan Description</b>	<b>Referenced Table</b>	<b>Test Time (min.)</b>	<b>SAR 1g (W/kg)</b>
<b>Shorten scan (zoom)</b>	50	6	5.86
<b>Full scan (area &amp; zoom)</b>	39	25	5.64

**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**