



DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

<p>Motorola Solutions Inc. EME Test Laboratory Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas, Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.</p>	<p>Date of Report: 10/26/2023 Report Revision: C</p>
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<p>Responsible Engineer: Report Author: Date/s Tested: Manufacturer: DUT Description: Test TX mode(s): Max. Power output: Nominal Power: Tx Frequency Bands: Signaling type: Model(s) Tested: Model(s) Certified: Serial Number(s): Classification: Firmware Version: Applicant Name: Applicant Address: FCC ID: FCC Test Firm Registration Number: IC: ISED Test Site registration:</p>	<p>Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer) Muhammad Zakwan Bin Zaidi (EME Senior Technician) 08/04/2023-09/04/2023 Motorola Solutions Inc. Handheld Portable – SL300 136-174M 2-3W DISPLAY CW (PTT) Refer table 3 (part 1 of 2) Refer table 3 (part 1 of 2) LMR 136-174MHz. FM / TDMA AAH88JCP9JA2AN (PMUD3334C); IC Model: PMUD3334CAMNAA AAH88JCP9JA2AN (PMUD3334C); IC Model: PMUD3334CAMNAA AAH88JCC9JA2AN (PMUD3335C); IC Model: PMUD3335CAANAA 546TZP0250 Occupational/Controlled Environment D01.23.02.0018 Motorola Solutions Inc. 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322 AZ489FT3855 Add the following when applicable – This report contains results that are immaterial for FCC equipment approval, which are clearly identified. 823256 109U-89FT3855 This report contains results that are immaterial for ISED equipment approval, which are clearly identified. 24843</p>
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Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report (no deviation from standard methods). This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory.
 I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.

Saw Sun Hock (Approval Signatory)
Approved Date: 10/27/2023

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/25/2023 10:49:05 AM

Robot#: DASY5-PG-1 | Run#: AR-SYSP-150H-230825-11
 Dipole Model#: CLA150
 Phantom#: ELI4 1022
 Tissue Temp: 20.5 (C)
 Serial#: 4016
 Test Freq: 150.0000 (MHz)
 Start Power: 1000 (mW)
 Rotation (1D): 0.084 dB
 Adjusted SAR (1W): 4.11 mW/g (1g)

Comments:

Communication System Band: CLA150, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 150$ MHz; $\sigma = 0.73$ S/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 150 MHz, ConvF(13.52, 13.52, 13.52) @ 150 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (81x81x1):

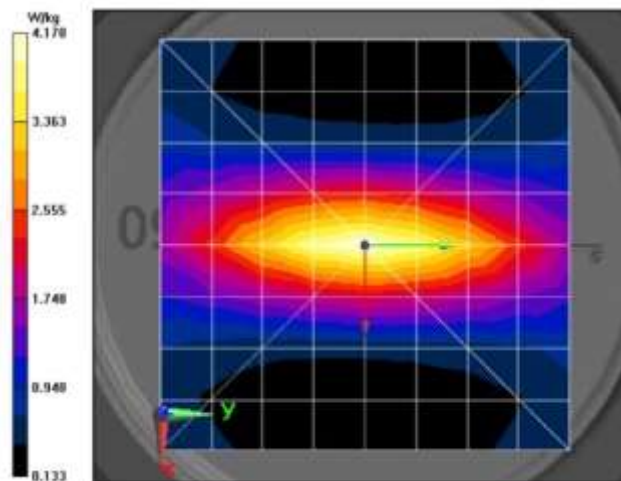
Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Reference Value = 79.38 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.79 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 4.20 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 79.38 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 6.17 W/kg
SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.68 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 = 65.9%
 Maximum value of SAR (measured) = 4.64 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) = 4.49 W/kg



Appendix E

DUT Scans

Highest Configuration at FCC Body - Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2023 8:00:13 AM

Robot#: DASY5-PG-1 | Run#: AR-AB-230812-07@
 Model#: AAH88JCP9JA2AN (PMUD3334C)
 Phantom#: ELI4 1022
 Tissue Temp: 20.7 (C)
 Serial#: 546TZP0250
 Antenna: PMAD4146B
 Test Freq: 156.0125 (MHz)
 Battery: PMNN4468B
 Carry Acc: PMLN7190A
 Audio Acc: PMMN4125B
 Start Power: 2.35 (W)

Comments:

Communication System Band: Tonga, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 156 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 156.012 MHz, ConvF(13.52, 13.52, 13.52) @ 156.012 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

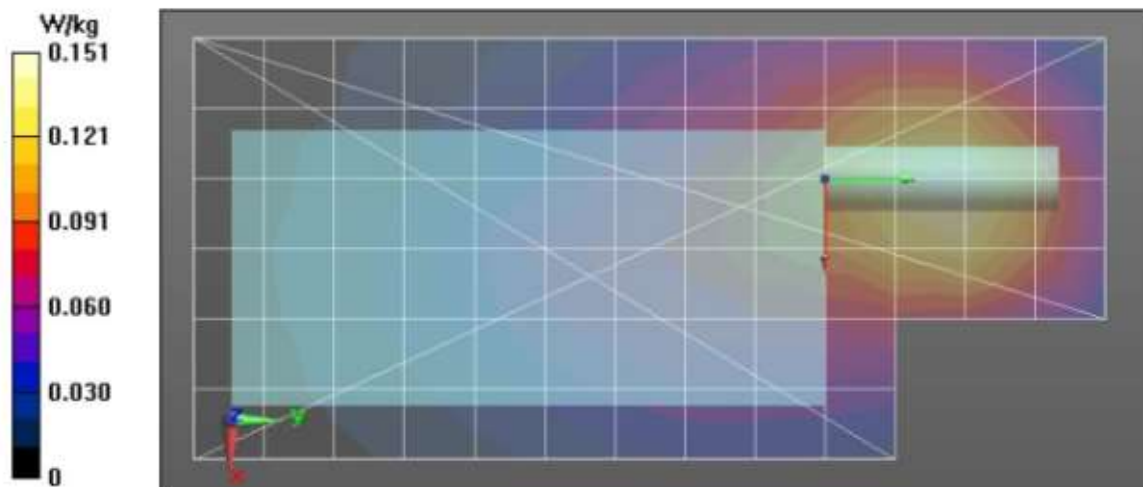
Reference Value = 11.83 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.097 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.156 W/kg

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 = 11.83 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.068 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below = 22.8 mm
 Ratio of SAR at M2 to SAR at M1 = 48.2%
 Maximum value of SAR (measured) = 0.157 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 Configuration at FCC Face - Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2023 3:09:10 PM

Robot#: DASY5-PG-1 | Run#: AR-FACE-230812-14@
 Model#: AAH88JCP9JA2AN (PMUD3334C)
 Phantom#: ELI4 1022
 Tissue Temp: 20.8 (C)
 Serial#: 546TZP0250
 Antenna: PMAD4155A
 Test Freq: 155.9875 (MHz)
 Battery: PMNN4468B
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.34 (W)

Comments:

Communication System Band: Tonga, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 156 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 155.988 MHz, ConvF(13.52, 13.52, 13.52) @ 155.988 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 50.63 V/m; Power Drift = -0.41 dB

Fast SAR: SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.95 W/kg

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

Reference Value = 50.63 V/m; Power Drift = -0.51 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.48 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

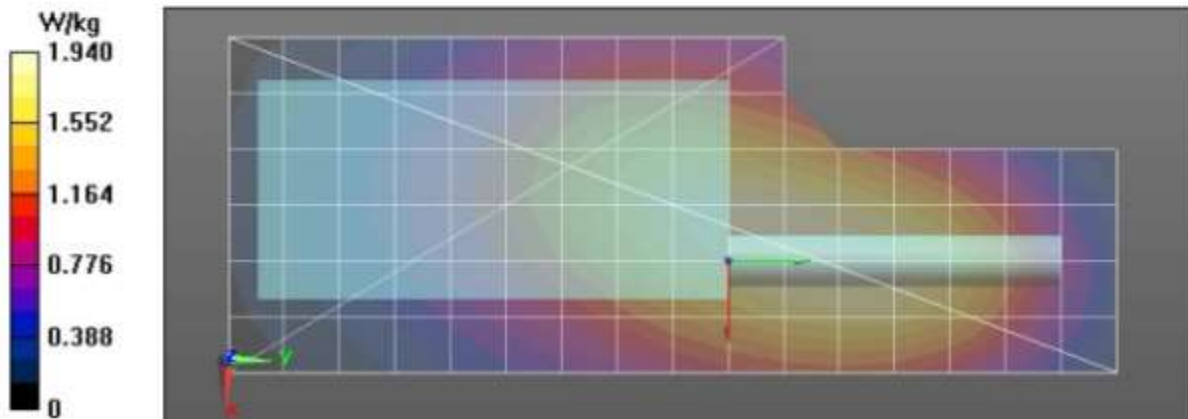
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 1.86 W/kg

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

Maximum value of SAR (measured) = 1.81 W/kg



Highest Configuration at ISED Body- Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2023 7:14:42 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-230812-19@
 Model#: AAH88JCP9JA2AN (PMUD3334C)
 Phantom#: ELI4 1022
 Tissue Temp: 20.7 (C)
 Serial#: 546TZP0250
 Antenna: PMAD4144B
 Test Freq: 138.0000 (MHz)
 Battery: PMNN4468B
 Carry Acc: PMLN7190A
 Audio Acc: PMMN4125B
 Start Power: 2.38 (W)

Comments:

Communication System Band: Tonga, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 138 \text{ MHz}$; $\sigma = 0.73 \text{ S/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 138 MHz, ConvF(13.52, 13.52, 13.52) @ 138 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

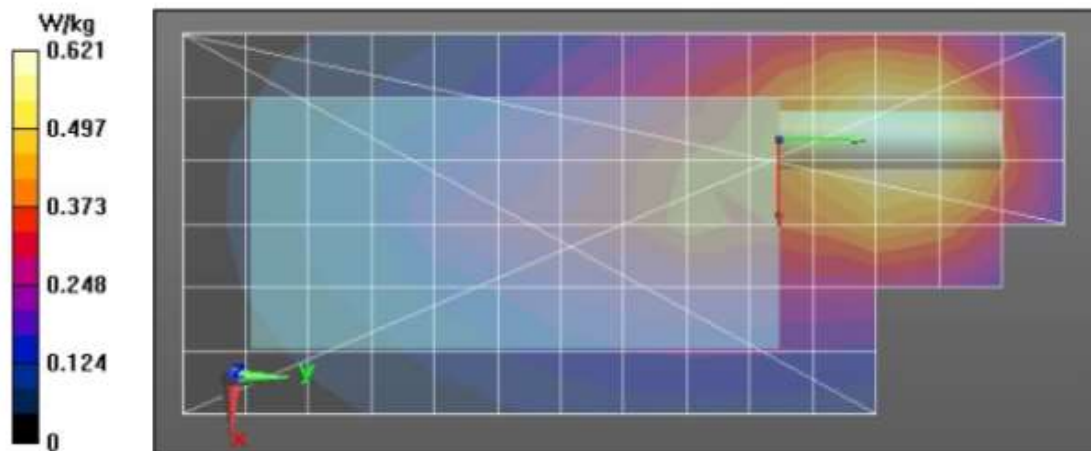
Reference Value = 24.80 V/m; Power Drift = -0.60 dB
Fast SAR: SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.422 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 0.660 W/kg

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 = 24.80 V/m; Power Drift = -0.63 dB
 Peak SAR (extrapolated) = 0.855 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.282 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below = 26.7 mm
 Ratio of SAR at M2 to SAR at M1 = 49%
 Maximum value of SAR (measured) = 0.628 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) = 0.631 W/kg



Highest Configuration at ISED Face - Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2023 3:09:10 PM

Robot#: DASY5-PG-1 | Run#: AR-FACE-230812-14@
 Model#: AAH88JCP9JA2AN (PMUD3334C)
 Phantom#: ELI4 1022
 Tissue Temp: 20.8 (C)
 Serial#: 546TZP0250
 Antenna: PMAD4155A
 Test Freq: 155.9875 (MHz)
 Battery: PMNN4468B
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.34 (W)

Comments:

Communication System Band: Tonga, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 156 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 155.988 MHz, ConvF(13.52, 13.52, 13.52) @ 155.988 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 50.63 V/m; Power Drift = -0.41 dB

Fast SAR: SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.95 W/kg

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

Reference Value = 50.63 V/m; Power Drift = -0.51 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.48 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

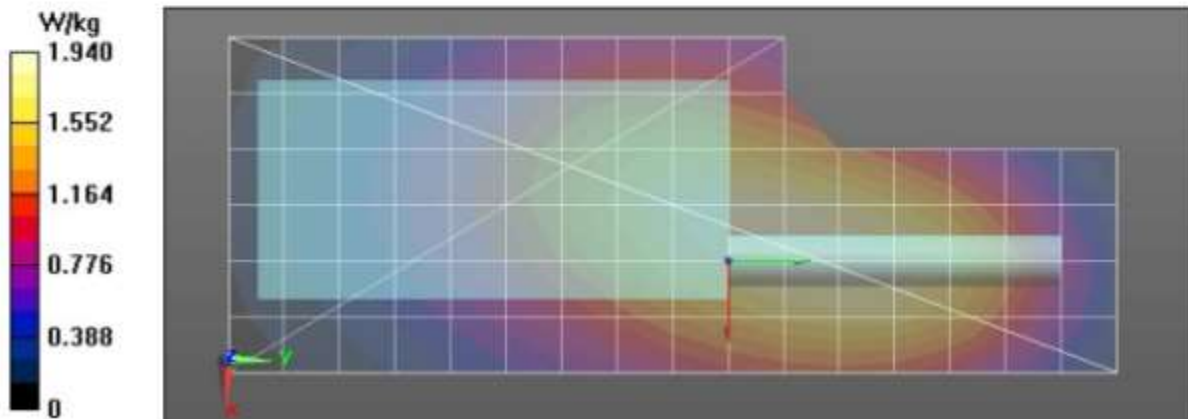
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 1.86 W/kg

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

Maximum value of SAR (measured) = 1.81 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Shortened Scan - Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/4/2023 5:23:53 PM

Robot#: DASY5-PG-1 | Run#: AR-FACE-230904-06
 Model#: AAH88JCP9JA2AN (PMUD3334C)
 Phantom#: ELI4 1022
 Tissue Temp: 21.0 (C)
 Serial#: 546TZP0250
 Antenna: PMAD4155A
 Test Freq: 155.9875 (MHz)
 Battery: PMNN4468B
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.40 (W)

Comments: Shorten scan

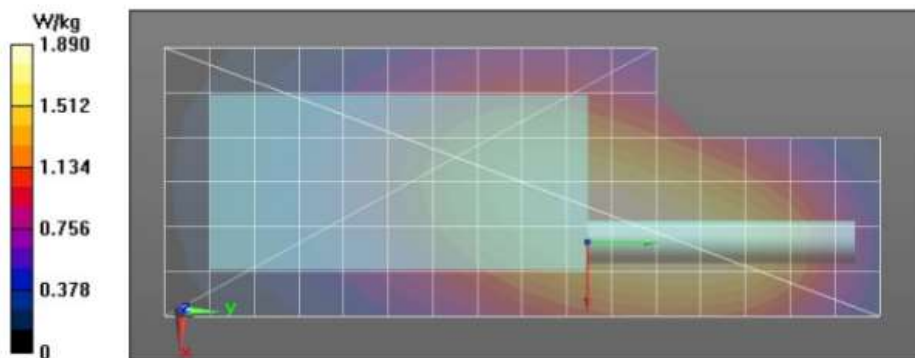
Communication System Band: Tonga, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 156 \text{ MHz}$; $\sigma = 0.77 \text{ S/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 155.988 MHz, ConvF(13.52, 13.52, 13.52) @ 155.988 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Reference Value = 49.42 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 1.6 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 1.90 W/kg

Below 2 GHz-Rev.3/Face Scan/2-Volume 2D Scan (5x5x1): Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=1\text{mm}$
 Reference Value = 49.42 V/m; Power Drift = -0.32 dB
 Maximum value of SAR (measured) = 1.83 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 50.39 V/m; Power Drift = -0.23 dB
 Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 1.49 W/kg; SAR(10 g) = 1.12 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 = 66.4%
 Maximum value of SAR (measured) = 1.94 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$
 Maximum value of SAR (measured) = 1.80 W/kg



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

Scan Description	Referenced Table	Test Time (min.)	SAR 1g (W/kg)
Shorten scan (zoom)	26	9	0.79
Full scan (area & zoom)	22	25	0.85

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