MOTOROLA SOLUTIONS

MS ISO/IEC 17025 TESTING SAMM No. 0826

ACCREDITED 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: 9/11/2021
Report Revision: C

Responsible Engineer:	Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)
Report Author:	Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer)
Date/s Tested:	6/14/2021-6/27/2021, 7/6/2021, 7/12/2021, 7/17/2021-7/19/2021, 9/9/2021-9/11/2021
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable – MTP8550Ex UHF FKP ATEX PT951NPEEx, MTP8500Ex UHF LKP ATEX PT951NMEEx
Test TX mode(s):	MSPD (6:9), SSPD (1:4), TEDS, Bluetooth, Bluetooth LE
Max. Power output:	1.55W (MSPD, SSPD), 0.537W (TEDS), 6.3mW (Bluetooth), 1.6mW (Bluetooth LE)
Nominal Power:	1.40W (MSPD, SSPD), 0.446W (TEDS), 2.0mW (Bluetooth), 1.12mW (Bluetooth LE)
Tx Frequency Bands:	350 – 470 MHz; Bluetooth/Bluetooth LE 2.402 – 2.480 GHz
Signaling type:	TDMA, PI/4DQPSK & QAM, TEDS, FHSS
Model(s) Tested:	AZH17PCH6TZ5AN (PMUE4817A)
Model(s) Certified:	AZH17PCH6TZ5AN (PMUE4817A), AZH16PCF6TZ5AN (PMUE4803A)
Serial Number(s):	123TXF0132
Classification:	Occupational/Controlled
Applicant Name:	Motorola Solutions Inc.
Applicant Address:	800 West Sunrise Boulevard, Fort Lauderdale, Florida 33322
FCC ID:	AZ489FT7145; 450 – 470 MHz This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC:	109U-89FT7145; 406.125 – 430 MHz; 450 – 470 MHz This report contains results that are immaterial for ISED equipment approval, which are clearly identified.
ISED Test Site registration:	24843
FCC Test Firm Registration Number:	823256

The test results clearly demonstrate compliance with FCC Occupational/Controlled RF Exposure limits of 8 W/kg averaged over 1 gram per the requirements of FCC 47 CFR § 2.1093 and RSS-102 (Issue 5).

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

Sun Hock Saw
Approved Signatory
Approval Date: 9/11/2021

Appendix D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/14/2021 2:41:47 AM

Robot#: DASY5-PG-1 | Run#:	MA(MHI)-SYSP-450H-210614-03
Dipole Model#	D450V3
Phantom#:	ELI4 1103
Tissue Temp:	21.1 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.150 dB
Adjusted SAR (1W):	4.52 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 42.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

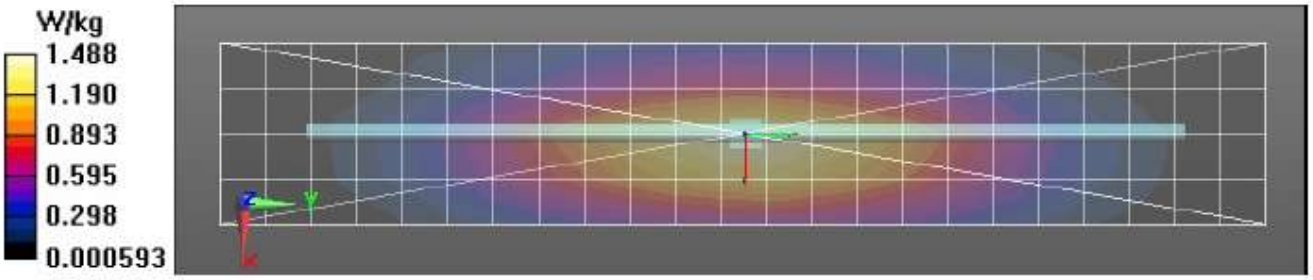
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.24 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.851 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.55 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.24 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.754 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 1.57 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) = 1.57 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/16/2021 11:14:28 PM

Robot#: DASY5-PG-1 | Run#: MA(FZ)-SYSP-450H-210616-14
Dipole Model# D450V3
Phantom#: ELI4 1108
Tissue Temp: 21.1 (C) 1054
Serial#: 450.000 (MHz)
Test Freq: 250.000 (mW)
Start Power:
Rotation (1D): 0.075 dB
Adjusted SAR (1W): 4.68 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 45.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

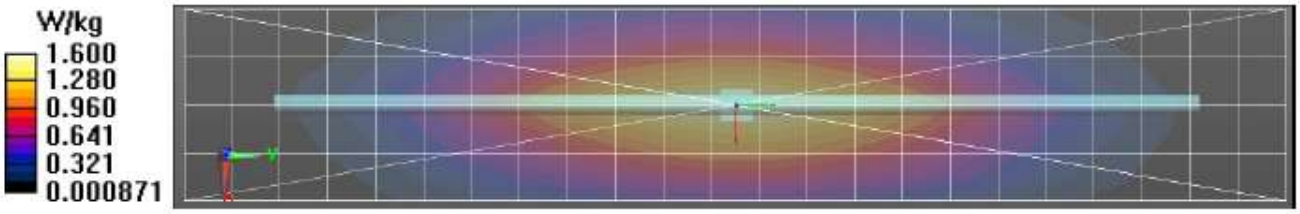
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.46 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.875 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.61 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.46 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.775 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 63%
Maximum value of SAR (measured) = 1.63 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.62 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/18/2021 12:07:10 AM

Robot#: DASY5-PG-1 | Run#:	MA(FZ)-SYSP-450H-210618-01#
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	20.0 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.12 dB
Adjusted SAR (1W):	4.68 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.86 S/m; ε_r = 44.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

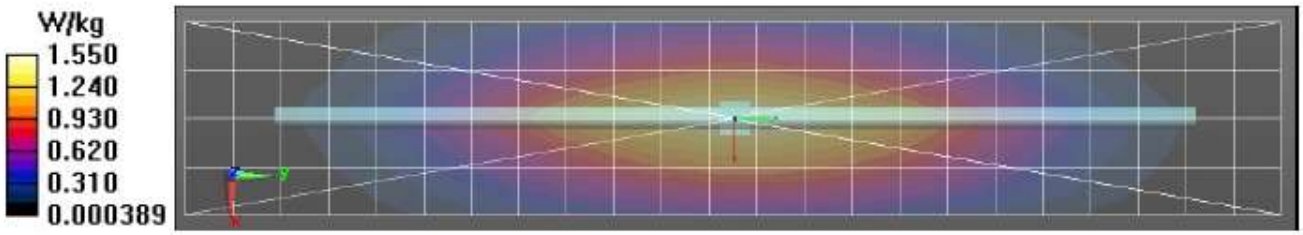
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.78 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.868 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.56 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.78 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.780 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 63.5%
Maximum value of SAR (measured) = 1.58 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) = 1.57 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/18/2021 12:55:30 PM

Robot#: DASY5-PG-1 | Run#:	AM(AF)-SYSP-450H-210618-09
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	20.5 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.130 dB
Adjusted SAR (1W):	4.88 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 45; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

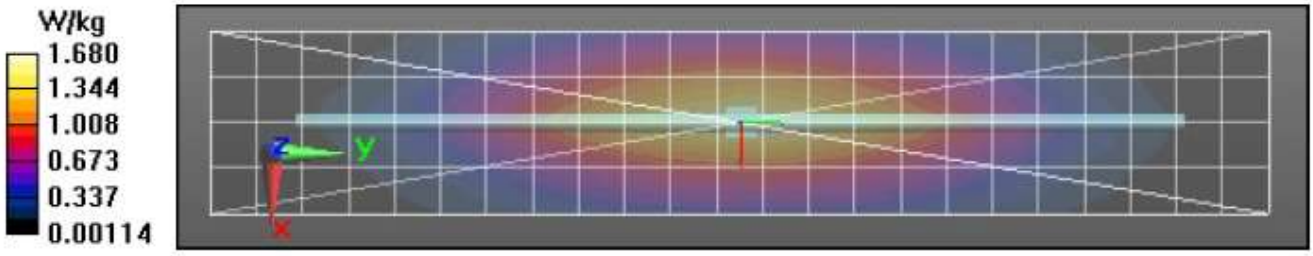
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.60 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.915 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.69 W/kg

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 = 44.60 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.818 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 = 63.5%
Maximum value of SAR (measured) = 1.68 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) = 1.69 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/19/2021 2:00:28 PM

Robot#: DASY5-PG-1 | Run#:	AM(AF)-SYSP-450H-210619-11
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	19.9 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.150 dB
Adjusted SAR (1W):	4.32 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

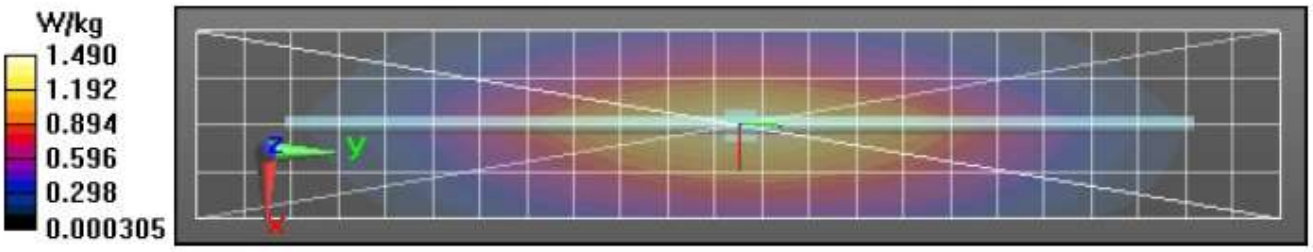
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.36 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.814 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.50 W/kg

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 = 44.36 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.726 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) = 1.49 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) = 1.63 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/21/2021 3:27:42 PM

Robot#: DASY5-PG-1 | Run#:	MA(FZ)-SYSP-450H-210621-09
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	22.0 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.18 dB
Adjusted SAR (1W):	4.84 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 43.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

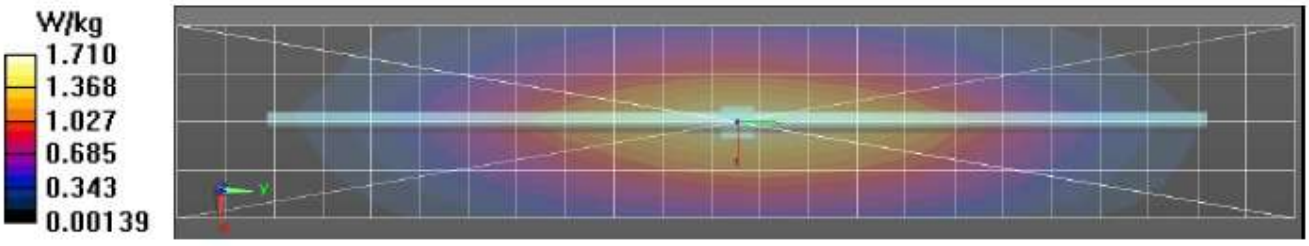
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 45.03 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.918 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.71 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.03 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.805 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 1.70 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.71 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/22/2021 5:29:51 PM

Robot#: DASY5-PG-1 | Run#:	MA(FZ)-SYSP-450H-210622-10
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	20.8 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.068 dB
Adjusted SAR (1W):	4.76 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

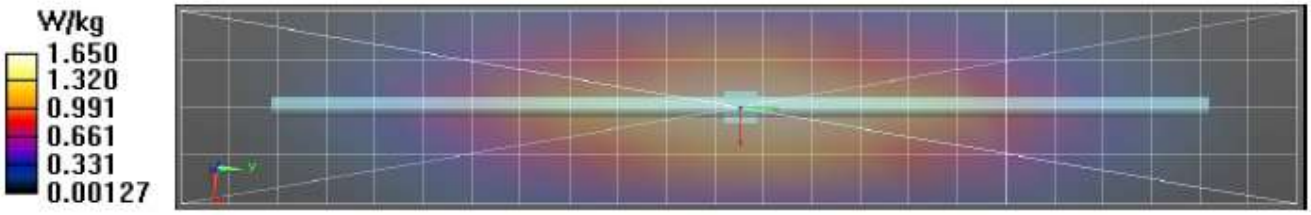
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.38 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.897 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.65 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.38 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.793 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 = 63.1%
Maximum value of SAR (measured) = 1.66 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.65 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/26/2021 9:54:53 AM

Robot#: DASY5-PG-1 | Run#:	MA(MHI)-SYSP-450H-210626-05
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	21.1 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.150 dB
Adjusted SAR (1W):	4.88 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.87 S/m; ε_r = 42.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

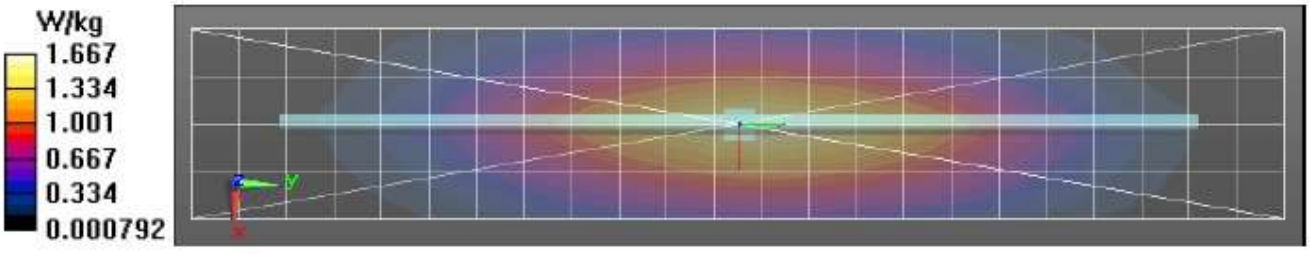
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.94 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.913 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.67 W/kg

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 = 44.94 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.812 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 = 63.3%
Maximum value of SAR (measured) = 1.67 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.67 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/6/2021 12:17:13 AM

Robot#: DASY5-PG-1 | Run#:	MA(FZ)-SYSP-450H-210706-01
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	20.7 (C)
Serial#:	1054
Test Freq:	450.000 (MHz)
Start Power:	250.000 (mW)
Rotation (1D):	0.16 dB
Adjusted SAR (1W):	4.72 mW/g (1g)

Comments:

Communication System Band: D450 (450.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 44.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x231x1):

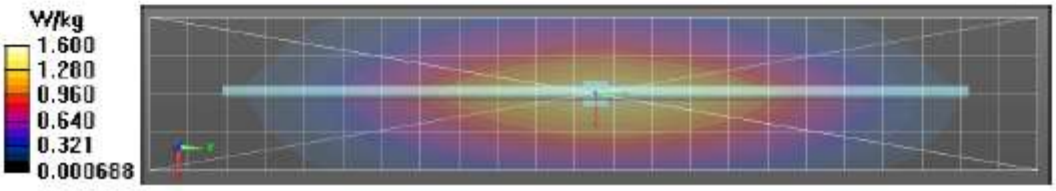
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.65 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.876 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.60 W/kg

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 = 43.65 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.781 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.3%
Maximum value of SAR (measured) = 1.63 W/kg

Below 2 GHz-Rev.3/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

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



Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/17/2021 10:10:50 PM

Procedure Notes: Robot#: DASY5-PG-2 | Run#: MFR-SYSP-450H-21071-16 Dipole Model# D450V3 Phantom#: ELI4 1108 Tissue Temp: 22.7 (C) Serial#: 1054 Test Freq: 450.0000 (MHz) Start Power: 250 (mW) Rotation (1D): 0.14 dB Adjusted SAR (1W): 4.92 mW/g (1g) Comments:

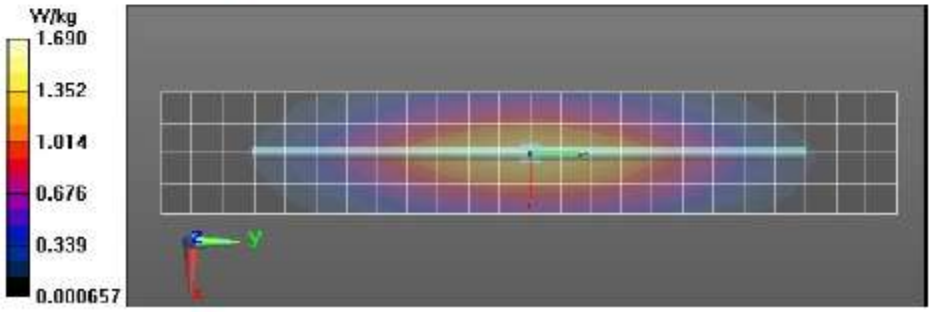
Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.87 S/m; ε_r = 44.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x241x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 46.28 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.919 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.69 W/kg

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (5x25x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 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 = 46.28 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.815 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.5%
Maximum value of SAR (measured) = 1.68 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) = 1.73 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/18/2021 5:36:04 AM

Robot#: DASY5-PG-2 | Run#:	MFR-SYSP-450H-210718-03
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	21.9 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.15 dB
Adjusted SAR (1W):	4.88mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 43.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x241x1):

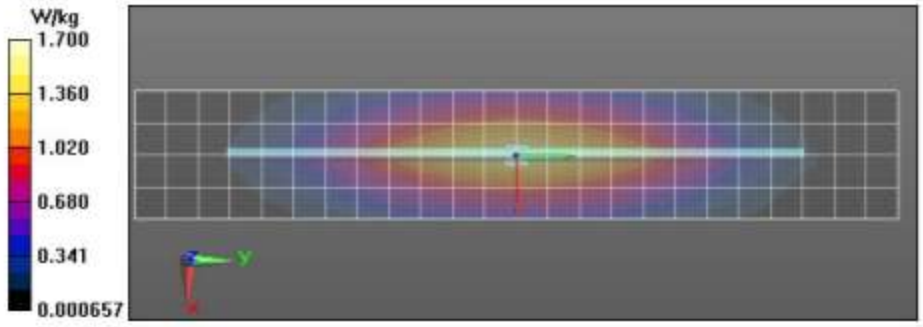
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.43 V/m; Power Drift = 0.08 dB
Fast SAR: SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.906 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.70 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.43 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.810 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.7%
Maximum value of SAR (measured) = 1.73 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.74 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/19/2021 5:16:42 AM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-450H-210719-02
Dipole Model# D450V3
Phantom#: ELI4 1108
Tissue Temp: 21.8 (C)
Serial#: 1054
Test Freq: 450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.11 dB
Adjusted SAR (1W): 4.92 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.87 S/m; ϵ_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x241x1):

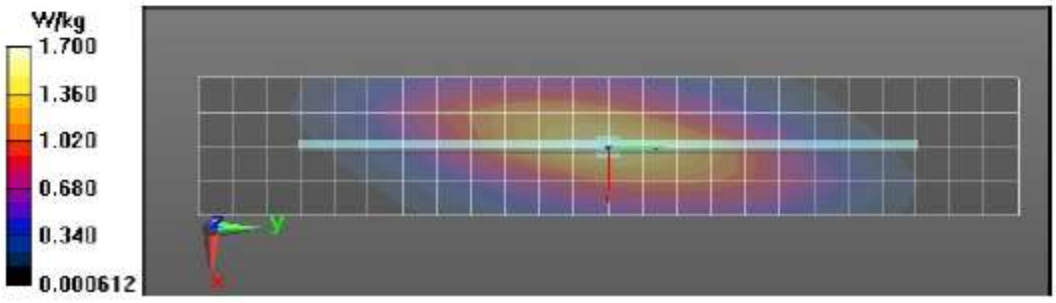
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 46.10 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.934 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.71 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.10 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.817 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.8%
Maximum value of SAR (measured) = 1.69 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) = 1.69 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/8/2021 5:48:26 PM

Robot#: DASY5-PG-1 | Run#:	BL-SYSP-450H-210908-23
Dipole Model#	D450V2
Phantom#:	ELI4 1108
Tissue Temp:	20.9 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.054 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; σ = 0.87 S/m; ε_r = 42.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 450 MHz, ConvF(11.24, 11.24, 11.24) @ 450 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x201x1):

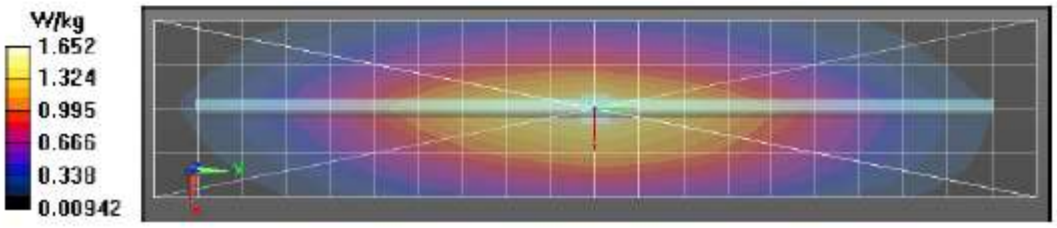
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.95 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.918 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.67 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.95 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.827 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 19.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.9%
Maximum value of SAR (measured) = 1.69 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) = 1.69 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/9/2021 6:23:59 PM

Robot#: DASY5-PG-1 | Run#:	BL-SYSP-450H-210909-11
Dipole Model#	D450V2
Phantom#:	ELI4 1108
Tissue Temp:	19.2 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.064 dB
Adjusted SAR (1W):	5.00 mW/g (1g)

Comments:

Communication System Band: D450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 43.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 450 MHz, ConvF(11.24, 11.24, 11.24) @ 450 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x201x1):

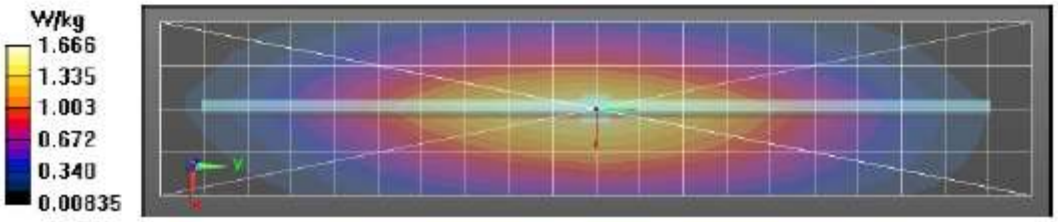
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.86 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.922 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.68 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.86 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.834 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 20 mm
Ratio of SAR at M2 to SAR at M1 = 64%
Maximum value of SAR (measured) = 1.69 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) = 1.69 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/10/2021 5:25:07 PM

Robot#: DASY5-PG-1 | Run#:	AF-SYSP-450H-210910-10
Dipole Model#	D450V2
Phantom#:	ELI4 1108
Tissue Temp:	19.2 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.054 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; σ = 0.86 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 450 MHz, ConvF(11.24, 11.24, 11.24) @ 450 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x201x1):

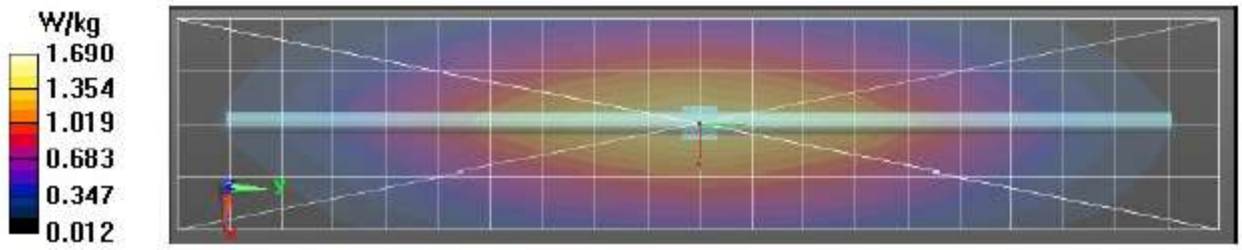
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 45.28 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.925 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.69 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.28 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.837 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 19.5 mm
Ratio of SAR at M2 to SAR at M1 = 64.3%
Maximum value of SAR (measured) = 1.67 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) = 1.68 W/kg



Appendix E
DUT Scans

FCC US - Assessments at the Body - Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/14/2021 6:09:14 PM

Robot#: DASY5-PG-1 | Run#:	BL-AB-210614-10
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1103
Tissue Temp:	20.6 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	HLN6602A
Audio Acc:	NONE
Start Power:	1.50 (W)

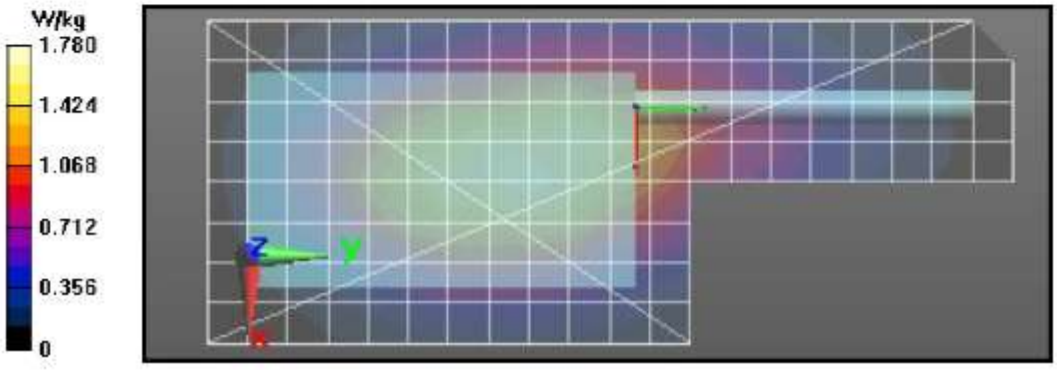
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 42.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.59 V/m; Power Drift = -0.40 dB
Fast SAR: SAR(1 g) = 1.44 W/kg; SAR(10 g) = 1.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.79 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 = 40.59 V/m; Power Drift = -0.36 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.4 W/kg; SAR(10 g) = 1.04 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%
Maximum value of SAR (measured) = 1.80 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) = 1.81 W/kg



FCC US - Assessments at the Body - Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/14/2021 5:27:22 PM

Robot#: DASY5-PG-1 | Run#:	BL-AB-210614-09
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1103
Tissue Temp:	20.6 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	RLN4815A
Audio Acc:	NONE
Start Power:	1.50 (W)

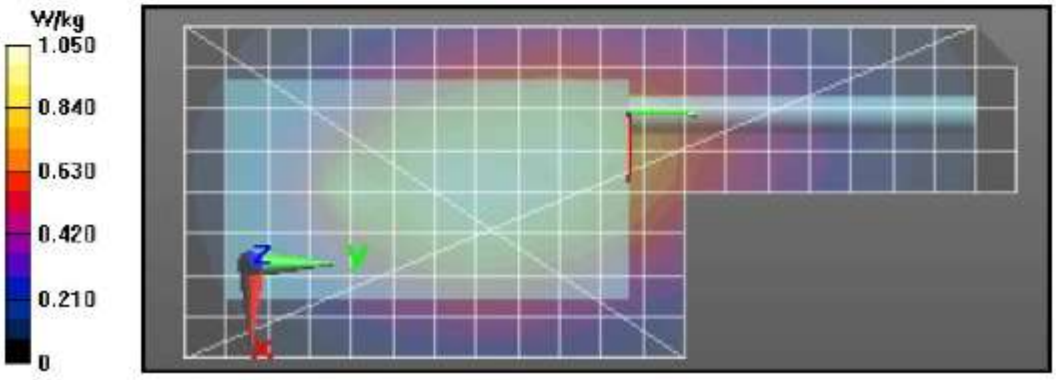
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 42.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 32.23 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.627 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.06 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 = 32.23 V/m; Power Drift = -0.40 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.629 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 = 72.7%
Maximum value of SAR (measured) = 1.06 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) = 1.06 W/kg



FCC US - Assessment at the Body – Table 20

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2021 2:52:36 AM

Robot#: DASY5-PG-1 | Run#: MA(FZ)-AB-210617-04#
Model#: AZH17PCH6TZ5AN (PMUE4817A)
Phantom#: ELI4 1108
Tissue Temp: 20.8 (C)
Serial#: 123TXF0132
Antenna: PMAE4097A
Test Freq: 450.0000 (MHz)
Battery: NNTN8570C
Carry Acc: PMLN6068A
Audio Acc: NONE
Start Power: 1.47 (W)

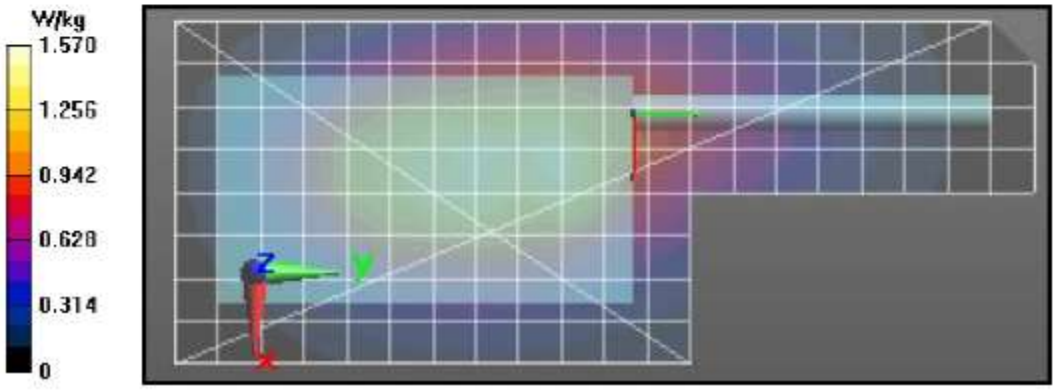
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 45.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.93 V/m; Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.915 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.61 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.93 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.891 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 = 61.3%
Maximum value of SAR (measured) = 1.66 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) = 1.70 W/kg



FCC US - Assessments at the Body - Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2021 8:43:34 AM

Robot#: DASY5-PG-1 | Run#: BL-AB-210617-07#
Model#: AZH17PCH6TZ5AN (PMUE4817A)
Phantom#: ELI4 1108
Tissue Temp: 21.3 (C)
Serial#: 123TXF0132
Antenna: PMAE4097A
Test Freq: 450.0000 (MHz)
Battery: NNTN8570C
Carry Acc: GMDN0386A w/PMLN5004B
Audio Acc: NONE
Start Power: 1.50 (W)

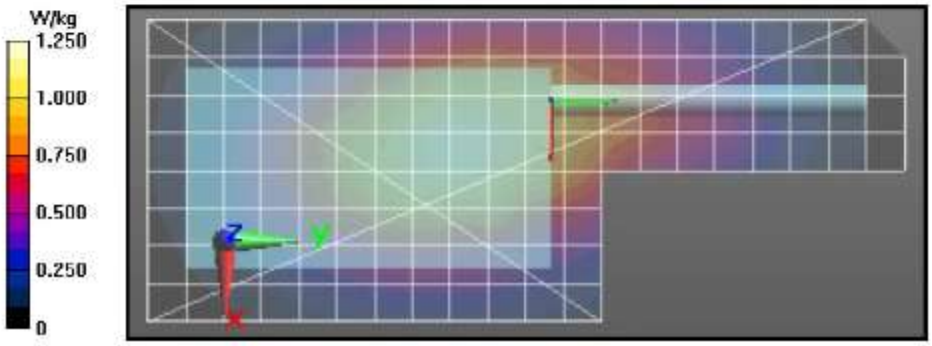
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 45.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 35.73 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.753 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.28 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 = 35.73 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.748 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%
Maximum value of SAR (measured) = 1.30 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) = 1.30 W/kg



FCC US - Assessments at the Body - Table 22

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2021 12:35:19 PM

Robot#: DASY5-PG-1 | Run#:	BL-AB-210617-12#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1108
Tissue Temp:	21.0 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	GMDN0445AC w/PMLN5004B
Audio Acc:	NONE
Start Power:	1.50 (W)

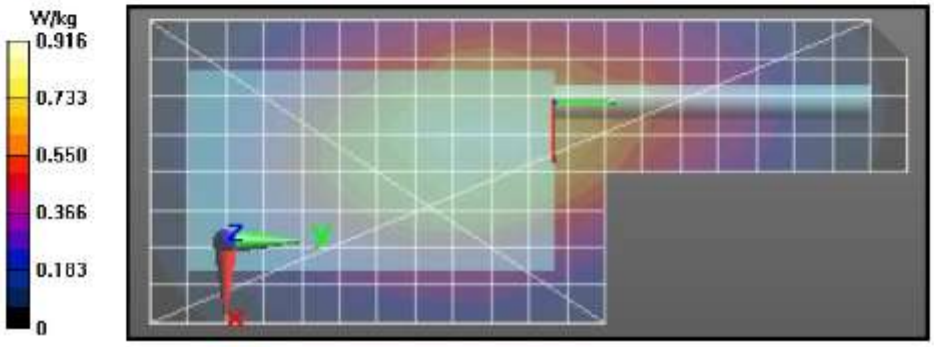
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 45.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 31.57 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.531 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.916 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 = 31.57 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.532 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74.6%
Maximum value of SAR (measured) = 0.878 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) = 0.878 W/kg



FCC US - Assessments at the Body - Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2021 2:14:55 PM

Robot#: DASY5-PG-1 | Run#:	BL-AB-210617-14#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1108
Tissue Temp:	21.0 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	WALN4307A w/PMLN5004B
Audio Acc:	NONE
Start Power:	1.50 (W)

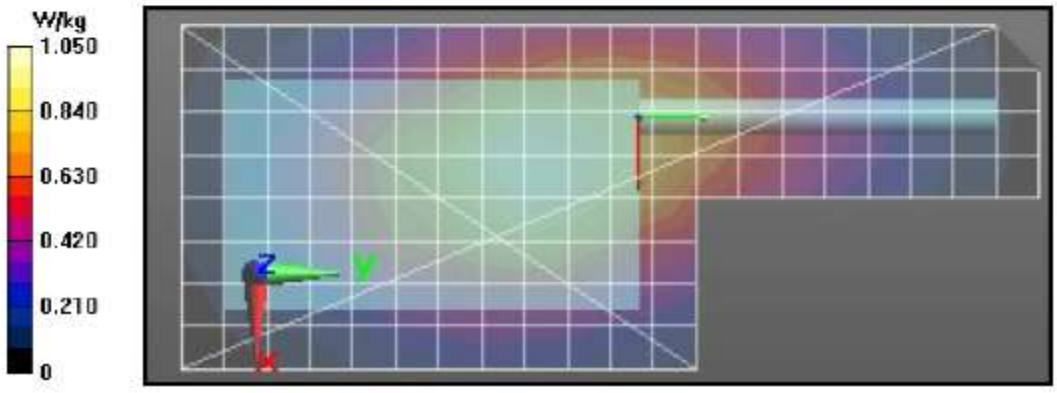
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 45.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 34.24 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.628 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.06 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.24 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.627 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%
Maximum value of SAR (measured) = 1.09 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.08 W/kg



FCC US - Assessments at the Body - Table 24

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2021 4:32:17 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-210617-17#
Model#: AZH17PCH6TZ5AN (PMUE4817A)
Phantom#: ELI4 1108
Tissue Temp: 21.2 (C)
Serial#: 123TXF0132
Antenna: PMAE4097A
Test Freq: 450.0000 (MHz)
Battery: NNTN8570C
Carry Acc: GMDN0566AC w/PMLN5004B
Audio Acc: NONE
Start Power: 1.50 (W)

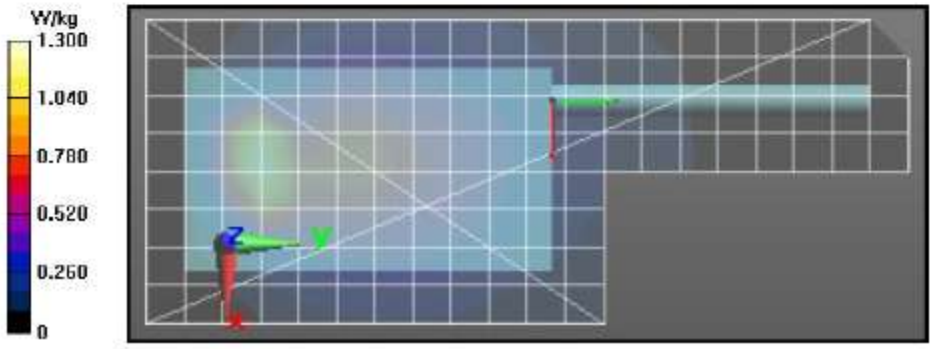
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 45.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.88 V/m; Power Drift = -0.45 dB
Fast SAR: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.690 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.44 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.6mm, dy=3.6mm, dz=1.4mm
Reference Value = 25.88 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 8.50 W/kg
SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.612 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 54.1%
Maximum value of SAR (measured) = 3.23 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.87 W/kg



FCC US - Assessments at the Body - Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2021 6:09:34 PM

Robot#: DASY5-PG-1 | Run#:	BL-AB-210617-19#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1108
Tissue Temp:	21.2 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	GMDN0445AA w/PMLN5004B
Audio Acc:	NONE
Start Power:	1.50 (W)

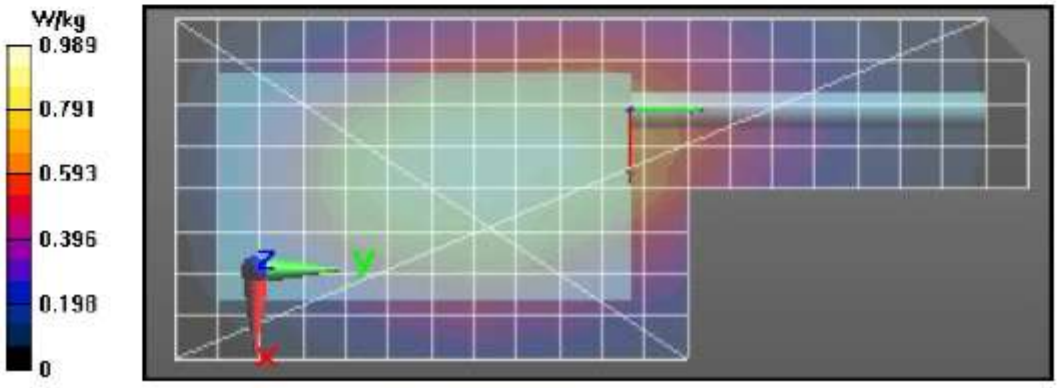
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 45.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 31.42 V/m; Power Drift = -0.40 dB
Fast SAR: SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.599 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.01 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.42 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.616 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74%
Maximum value of SAR (measured) = 1.02 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.918 W/kg



FCC US - Assessments at the Body - Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/17/2021 11:56:16 PM

Robot#: DASY5-PG-1 | Run#:	MFR-AB-210717-18
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1108
Tissue Temp:	22.0 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	PMLN7268Aw / NTN5243A
Audio Acc:	NONE
Start Power:	1.51 (W)

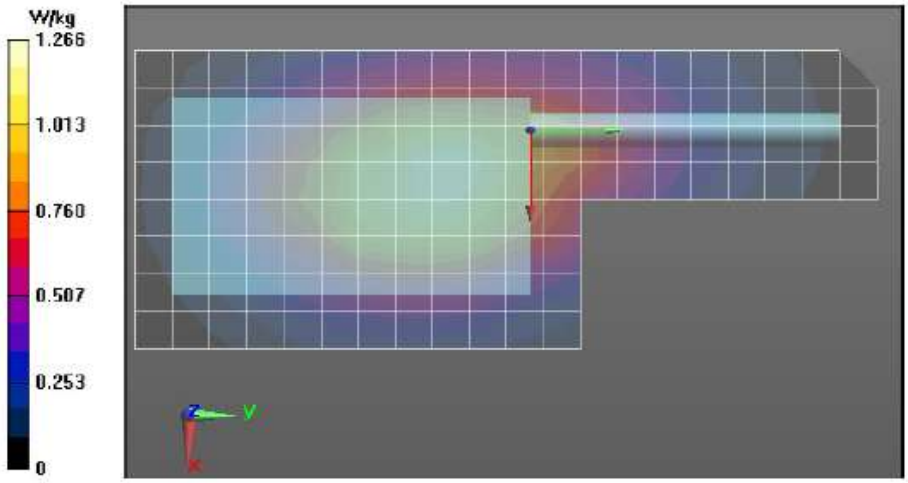
Comments:

Communication System Band: Nextex, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 418 MHz; σ = 0.84 S/m; ε_r = 45.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.13 V/m; Power Drift = -0.37 dB
Fast SAR: SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.788 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.30 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 = 37.13 V/m; Power Drift = -0.42 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.753 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 = 67.5%
Maximum value of SAR (measured) = 1.29 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) = 1.28 W/kg



FCC US - Assessments at the Body - Table 27

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/19/2021 1:08:11 AM

Robot#: DASY5-PG-2 | Run#:	MFR-AB-210719-01#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1103
Tissue Temp:	21.6 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	GMDN0566AC w/PMLN5004B
Audio Acc:	PMMN4067B
Start Power:	1.52 (W)

Comments:

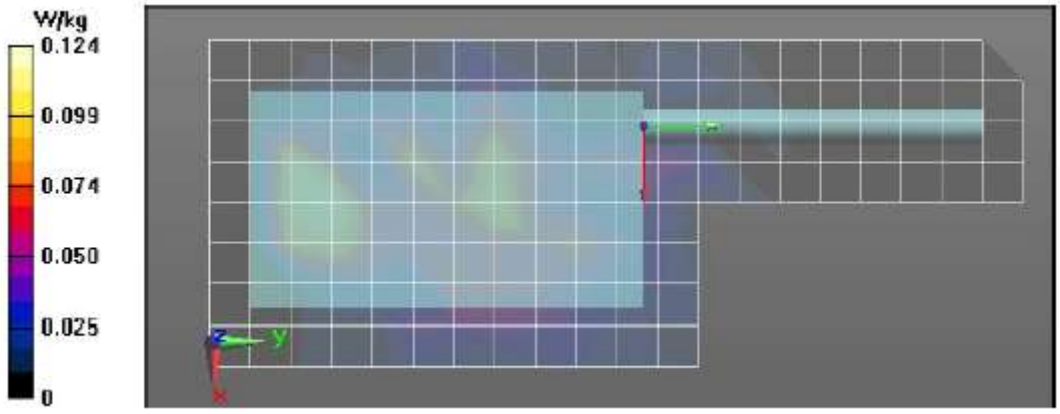
Communication System Band: Nextex, Communication System UID: 0, Duty Cycle: 1:4.00037,
Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 43.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.651 V/m; Power Drift = -2.85 dB
Fast SAR: SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.176 W/kg

Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
Reference Value = 8.651 V/m; Power Drift = 1.86 dB
Fast SAR: SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.068 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.304 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (14x13x8)/Cube 0: Measurement grid: dx=2.7mm, dy=2.7mm, dz=1.4mm
Reference Value = 8.072 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 1.6 mm
Ratio of SAR at M2 to SAR at M1 = 35.5%
Maximum value of SAR (measured) = 0.200 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) = 0.111 W/kg



FCC US - Assessments at the Body - Table 28

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/19/2021 5:54:49 AM

Robot#: DASY5-PG-2 | Run#:	MFR-AB-210719-03
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1103
Tissue Temp:	21.7 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	GMDN0566AC w/PMLN5004B
Audio Acc:	NONE
Start Power:	1.51 (W)

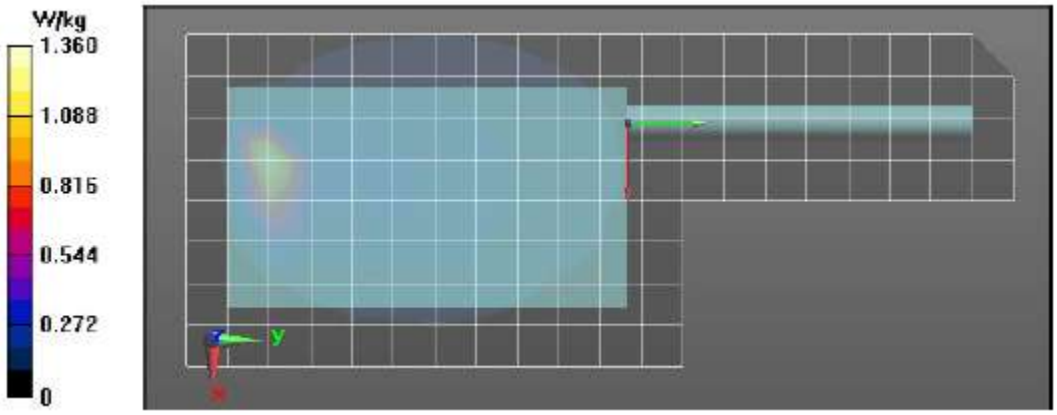
Comments:

Communication System Band: Nextel, Communication System UID: 0, Duty Cycle: 1:4.00037,
Medium parameters used: f = 450 MHz; σ = 0.87 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.29 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.450 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.47 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.7mm, dy=3.7mm, dz=1.4mm
Reference Value = 17.29 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.51 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.271 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.52 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) = 1.60 W/kg



FCC US - Assessments at the Face - Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/22/2021 6:18:33 PM

Robot#: DASY5-PG-1 | Run#:	MA(FZ)-FACE-210622-11
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	@ front
Audio Acc:	N/A
Start Power:	1.52 (W)

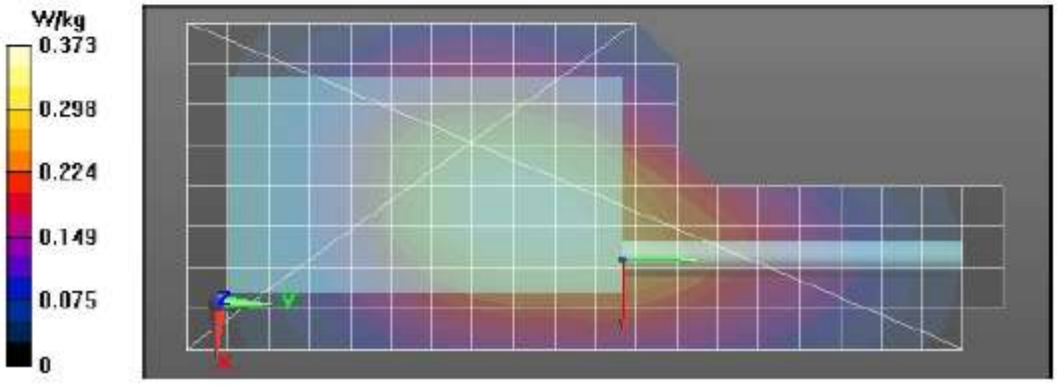
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:4.00037,
Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.66 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.225 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.378 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.66 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.229 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 69.2%
Maximum value of SAR (measured) = 0.388 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) = 0.367 W/kg



FCC US - Assessments at the Head Left ear Tilt - Table 32

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/22/2021 11:09:13 AM

Robot#: DASY5-PG-1 | Run#:	MA(FZ)-LEAR-210622-04#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	SAMTP 1384
Tissue Temp:	21.5 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	None, Tilt
Audio Acc:	None
Start Power:	1.55 (W)

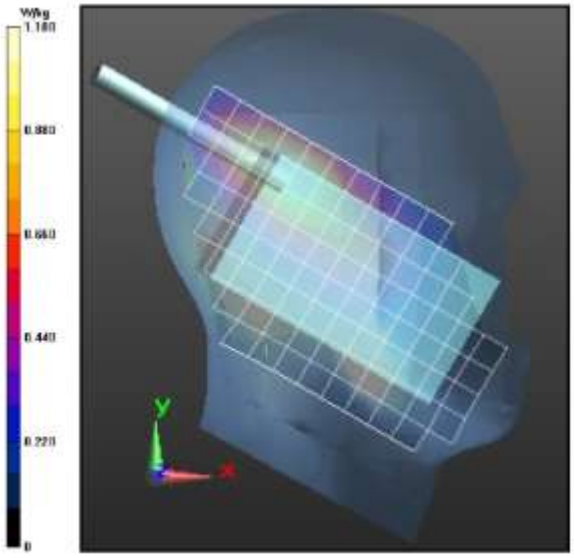
Comments: Tilt

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:4.00037,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 43.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/1-Area Scan (81x211x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 33.51 V/m; Power Drift = 0.12 dB
Fast SAR: SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.658 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.17 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 33.51 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.606 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 = 61.2%
Maximum value of SAR (measured) = 1.24 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/4-Z-Axis Scan (1x1x17): Measurement grid:
dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.21 W/kg



FCC US - Assessments at the Heat Right ear Tilt - Table 33

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/22/2021 8:33:44 PM

Robot#: DASY5-PG-1 | Run#:	BL-REAR-210622-12
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	SAMTP 1384
Tissue Temp:	21.7 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	None, Tilt
Audio Acc:	None
Start Power:	1.55 (W)

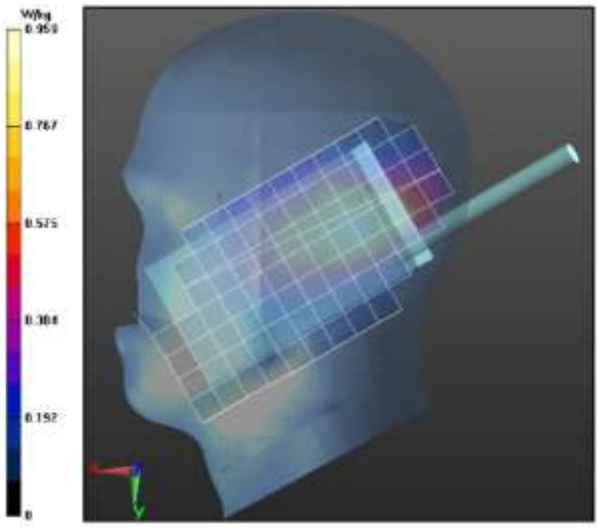
Comments: Tilt

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:4.00037,
Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 450 MHz, ConvF(12.03, 12.03, 12.03) @ 450 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Right Ear-15D Tilt Position/1-Area Scan (71x221x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 20.97 V/m; Power Drift = 0.20 dB
Fast SAR: SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.557 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.979 W/kg

Below 2 GHz-Rev.3/Right Ear-15D Tilt Position/3-Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.97 V/m; Power Drift = 0.23 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.533 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.6%
Maximum value of SAR (measured) = 0.968 W/kg

Below 2 GHz-Rev.3/Right Ear-15D Tilt Position/4-Z-Axis Scan (1x1x17): Measurement grid:
dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.981 W/kg



ISED Canada – Assessments at the Body - Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/9/2021 3:23:52 AM

Robot#: DASY5-PG-1 | Run#:	FZ-AB-210909-03#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1108
Tissue Temp:	20.0 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	418.1000 (MHz)
Battery:	NNTN8570C
Carry Acc:	GMDN0566AC w/PMLN5004B
Audio Acc:	NONE
Start Power:	1.43 (W)

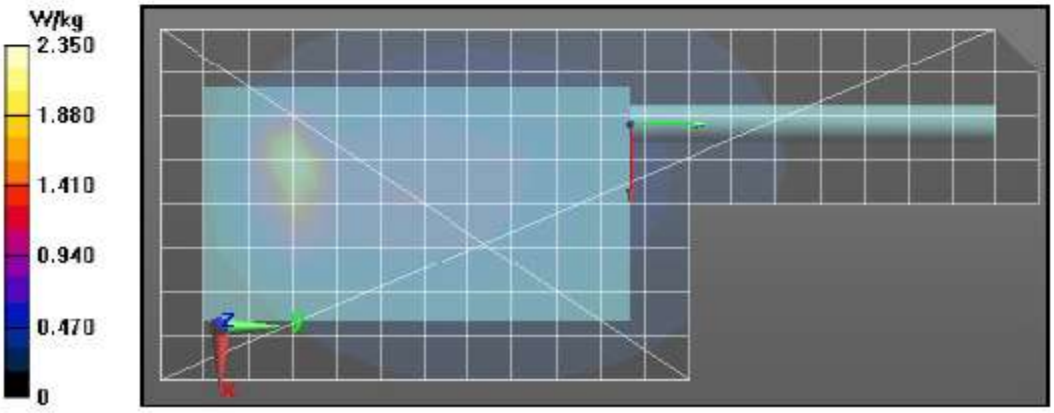
Comments:

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 418 MHz; σ = 0.84 S/m; ε_r = 43.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 418.1 MHz, ConvF(11.24, 11.24, 11.24) @ 418.1 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.53 V/m; Power Drift = -0.59 dB
Fast SAR: SAR(1 g) = 1.78 W/kg; SAR(10 g) = 1.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.43 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (13x13x8)/Cube 0: Measurement grid: dx=2.7mm, dy=2.7mm, dz=1.4mm
Reference Value = 36.53 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 0.849 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 49.9%
Maximum value of SAR (measured) = 5.58 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) = 5.63 W/kg



ISED Canada – Assessments at the Face - Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/10/2021 2:11:16 AM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-210910-02#
Model#: AZH17PCH6TZ5AN (PMUE4817A)
Phantom#: ELI4 1108
Tissue Temp: 20.1 (C)
Serial#: 123TXF0132
Antenna: PMAE4097A
Test Freq: 406.2000 (MHz)
Battery: NNTN8570C
Carry Acc: @ front
Audio Acc: NONE
Start Power: 1.45 (W)

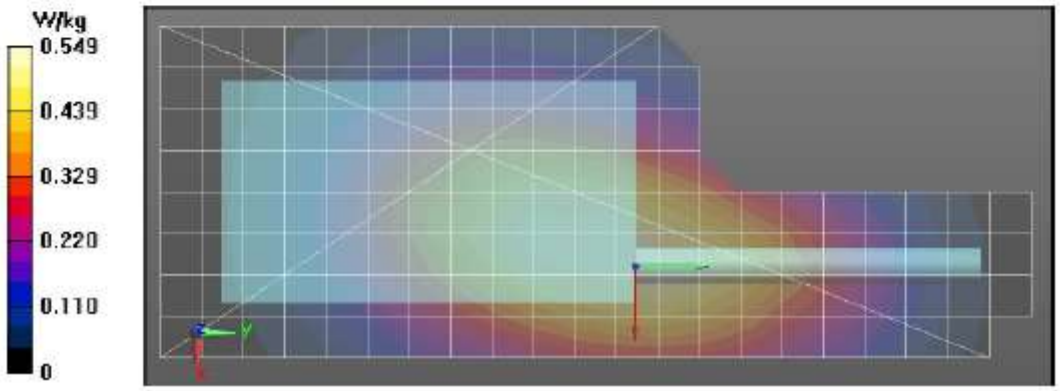
Comments:

Communication System Band: Netex UHF, Communication System UID: 0, Duty Cycle: 1:4.00037,
Medium parameters used: f = 406 MHz; σ = 0.84 S/m; ε_r = 44.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 406.2 MHz, ConvF(11.24, 11.24, 11.24) @ 406.2 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 26.23 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.339 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.554 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.23 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.360 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 = 73%
Maximum value of SAR (measured) = 0.572 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) = 0.531 W/kg



ISED Canada – Assessments at the Head - Table 36

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/23/2021 12:23:55 AM

Robot#: DASY5-PG-1 | Run#:	BL-LEAR-210623-01#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	SAMTP 1384
Tissue Temp:	21.4 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	406.2000 (MHz)
Battery:	NNTN8570C
Carry Acc:	None, Tilt
Audio Acc:	None
Start Power:	1.50 (W)

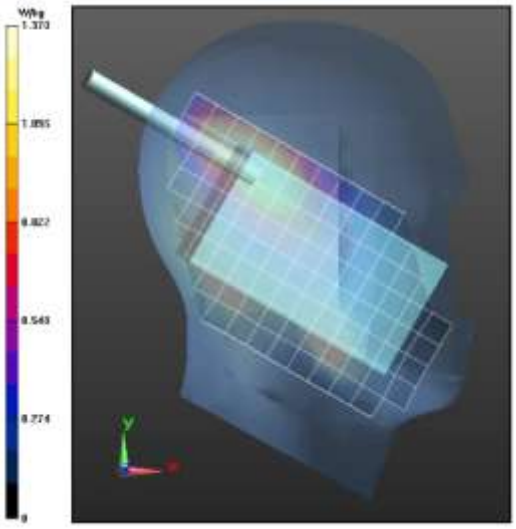
Comments: Tilt

Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:4.00037,
Medium parameters used: f = 406 MHz; σ = 0.85 S/m; ε_r = 44; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7485, Calibrated: 8/20/2020, Frequency: 406.2 MHz, ConvF(12.03, 12.03, 12.03) @ 406.2 MHz
Electronics: DAE4 Sn688, Calibrated: 8/13/2020

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/1-Area Scan (81x211x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 36.91 V/m; Power Drift = 0.21 dB
Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.784 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.38 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.91 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.762 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 21.5 mm
Ratio of SAR at M2 to SAR at M1 = 65.6%
Maximum value of SAR (measured) = 1.45 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/4-Z-Axis Scan (1x1x17): Measurement grid:
dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.44 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/11/2021 1:35:44 PM

Robot#: DASY5-PG-1 | Run#:	AF-AB-210911-11#
Model#:	AZH17PCH6TZ5AN (PMUE4817A)
Phantom#:	ELI4 1108
Tissue Temp:	19.6 (C)
Serial#:	123TXF0132
Antenna:	PMAE4097A
Test Freq:	450.0000 (MHz)
Battery:	NNTN8570C
Carry Acc:	GMDN0566AC w/PMLN5004B
Audio Acc:	NONE
Start Power:	1.50 (W)

Comments:

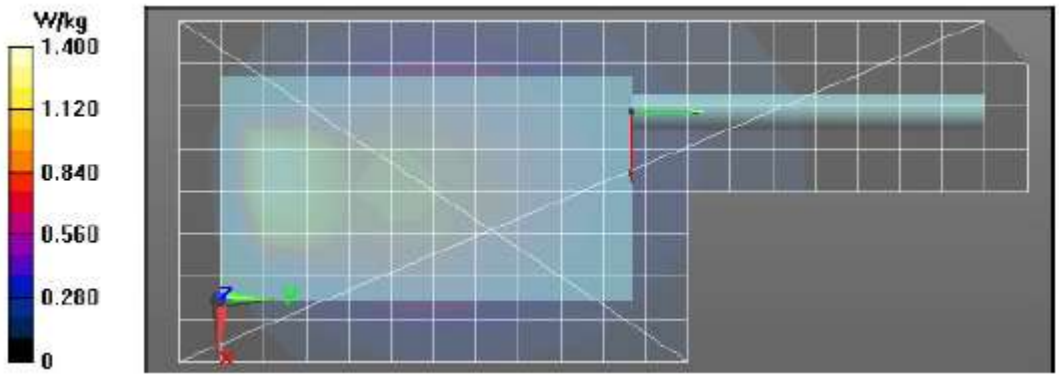
Communication System Band: Nextex UHF, Communication System UID: 0, Duty Cycle: 1:1.50003,
Medium parameters used: f = 450 MHz; σ = 0.86 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 450 MHz, ConvF(11.24, 11.24, 11.24) @ 450 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 29.08 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.923 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.22 W/kg

Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
Reference Value = 29.08 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.16 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 = 65.30 V/m; Power Drift = -0.51 dB
Peak SAR (extrapolated) = 4.74 W/kg
SAR(1 g) = 1.61 W/kg; SAR(10 g) = 0.788 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 35%
Maximum value of SAR (measured) = 3.16 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.07 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)	37	8	1.87
Full scan (area & zoom)	24	25	1.61

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