MOTOROLA SOLUTIONS

MS ISO/IEC 17025 TESTING SAMM No. 0826

ACCREDITED CERTIFICATE 2518.05

DECLARATION OF COMPLIANCE SAR ASSESSMENT PCII Report 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: 1/20/2022
Report Revision: B

Responsible Engineer:	Ch'ng Jian Sheng (EME Engineer)
Report Author:	Ch'ng Jian Sheng (EME Engineer)
Date/s Tested:	11/23/2021 – 12/02/2021, 12/08/2021-12/14/2021, 12/20/2021-12/21/2021
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable – APX 8000H ST U/V/7_800 M3.5 BLK APX 8000H XE U/V/7_800 M1.5 GRN GRIVORY
Test TX mode(s):	CW (PTT), Bluetooth, and WLAN 802.11b/g/n
Max. Power output:	Refer to Table 4
Nominal Power:	Refer to Table 4
Tx Frequency Bands:	LMR 136-174 MHz, 380-520 MHz, 762-806 MHz, 806-870 MHz; Bluetooth (BT/BT LE) 2402-2480 MHz; WLAN 2400-2483.5 MHz
Signaling type:	FM (LMR), FHSS (Bluetooth), 802.11b/g/n (WLAN)
Model(s) Tested:	H91TGD9PW9AN (Tanapa# PNUW1036C / KNUW1036C / ENUW1036C) H91TGD9PW4AN (Tanapa# PNUW1046C / KNUW1046C/ ENUW1046C)
Model(s) Certified:	Refer to Table 1
Serial Number(s):	673TXV0169, 579TXV0112
Classification:	Occupational/Controlled
Applicant Name:	Motorola Solutions Inc.
Applicant Address:	8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322
FCC ID:	AZ489FT7111; 150.8-173.4 MHz, 406.125-512 MHz, 769-775 MHz, 799-824 MHz, 851-869 MHz, 2412-2462 MHz This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC:	109U-89FT7111; 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.

Saw Sun Hock (Approved Signatory)
Approval Date: 1/20/2022

Appendix D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/9/2021 9:45:10 AM

Robot#: DASY5-PG-3 | Run#:	MA(BAD)-SYSP-150B-211209-07#
Dipole Model#	CLA150
Phantom#:	ELI4 1103
Tissue Temp:	22.0 (C)
Serial#:	4010
Test Freq:	150.0000 (MHz)
Start Power:	1000 (mW)
Rotation (1D):	0.17 dB
Adjusted SAR (1W):	3.98 mW/g (1g)

Comments:

Communication System Band: CLA150, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 150 MHz; σ = 0.77 S/m; ε_r = 59.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 150 MHz, ConvF(13.77, 13.77, 13.77) @ 150 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

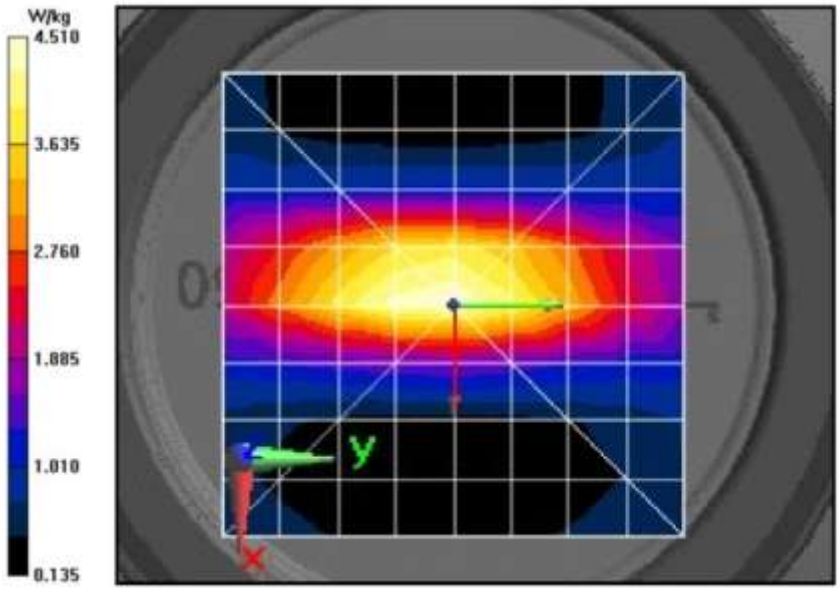
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 80.66 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 4.41 W/kg; SAR(10 g) = 3.13 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.11 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 80.66 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.27 W/kg
SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.61 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 = 63.7%
Maximum value of SAR (measured) = 5.05 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.04 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/24/2021 9:21:01 AM

Robot#: DASY5-PG-3 | Run#:	AR(IRA)-SYSP-150H-211124-08
Dipole Model#	CLA150
Phantom#:	ELI5 1147
Tissue Temp:	23.4 (C)
Serial#:	4005
Test Freq:	150.0000(MHz)
Start Power:	1000 (mW)
Rotation (1D):	0.17 dB
Adjusted SAR (1W):	3.70 mW/g (1g)

Comments:

Communication System Band: CLA150, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 150 MHz; σ = 0.77 S/m; ε_r = 49.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 150 MHz, ConvF(14.08, 14.08, 14.08) @ 150 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

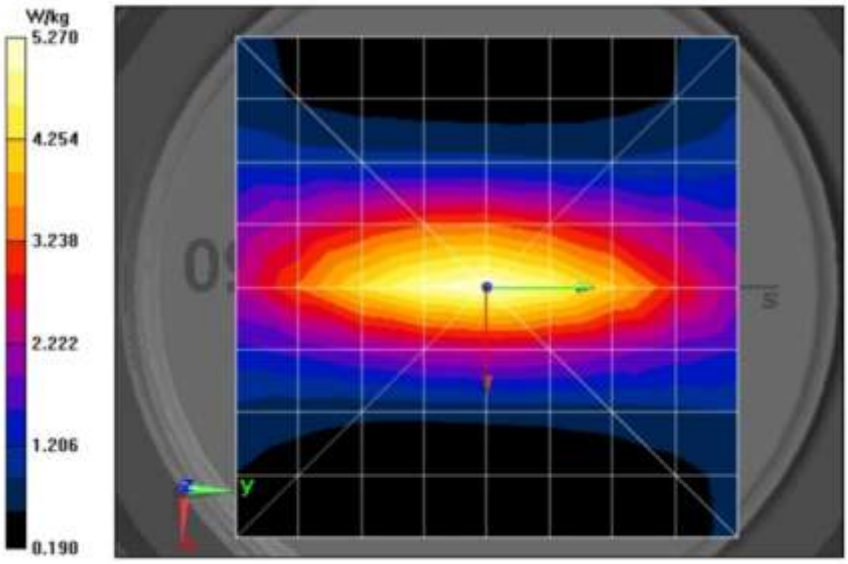
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 83.28 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 4.34 W/kg; SAR(10 g) = 3.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.39 W/kg

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 = 83.28 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 6.57 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.42 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.5 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 5.37 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) = 5.36 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/21/2021 2:30:24 PM

Robot#: DASY5-PG-3 | Run#: AR(IRA)-SYSP-150H-211221-10

Dipole Model#	CLA150
Phantom#:	ELI5 1147
Tissue Temp:	22.4 (C)
Serial#:	4010
Test Freq:	150.0000 (MHz)
Start Power:	1000 (mW)
Rotation (1D):	0.160 dB
Adjusted SAR (1W):	3.70 mW/g (1g)

Comments:

Communication System Band: CLA150, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 150 MHz; $\sigma = 0.77$ S/m; $\varepsilon_r = 49.8$; $\rho = 1000$ kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 150 MHz, ConvF(14.08, 14.08, 14.08) @ 150 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

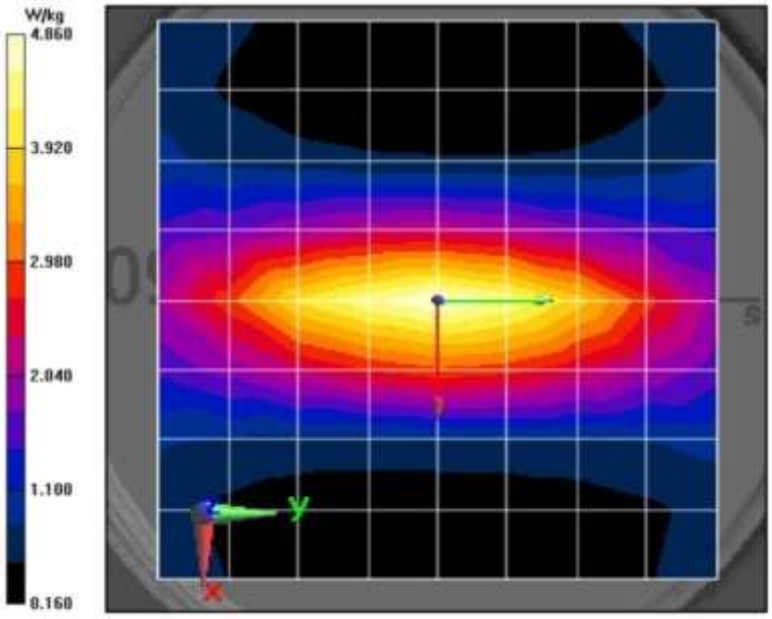
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 80.23 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.95 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.90 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 80.23 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 6.07 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.42 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 18.3 mm
Ratio of SAR at M2 to SAR at M1 = 63.4%
Maximum value of SAR (measured) = 4.88 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.90 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/30/2021 5:54:18 PM

Robot#: DASY5-PG-3 | Run#: AR(IRA)-SYSP-450B-211130-13
Dipole Model# D450V3
Phantom#: ELI4 1022
Tissue Temp: 20.4 (C)
Serial#: 1077
Test Freq: 450 (MHz)
Start Power: 250(mW)
Rotation (1D): 0.130 dB
Adjusted SAR (1W): 4.72 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.92 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(12.07, 12.07, 12.07) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

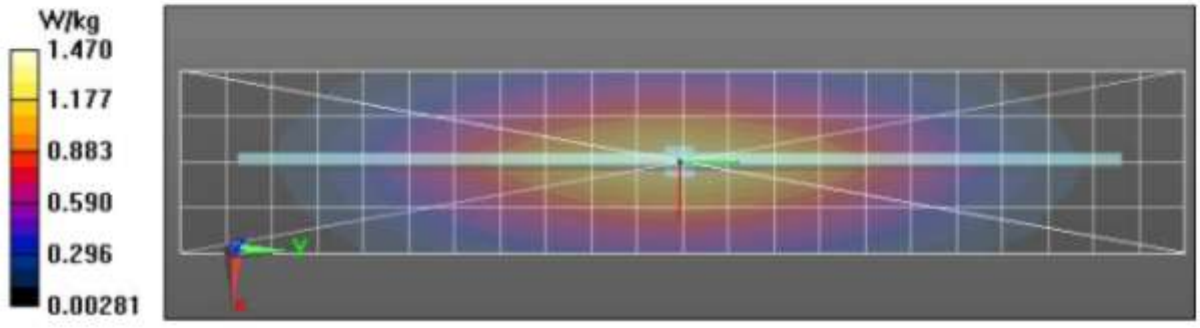
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.30 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.849 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.47 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.30 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.797 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 = 66.6%
Maximum value of SAR (measured) = 1.48 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.48 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/26/2021 2:31:27 AM

Robot#: DASY5-PG-3 | Run#:	BAD(DAN)-SYSP-450B-211126-03
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	21.3(C)
Serial#:	1077
Test Freq:	450.0000(MHz)
Start Power:	250(mW)
Rotation (1D):	0.16dB
Adjusted SAR (1W):	4.84mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.93 S/m; ε_r = 55.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(12.07, 12.07, 12.07) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

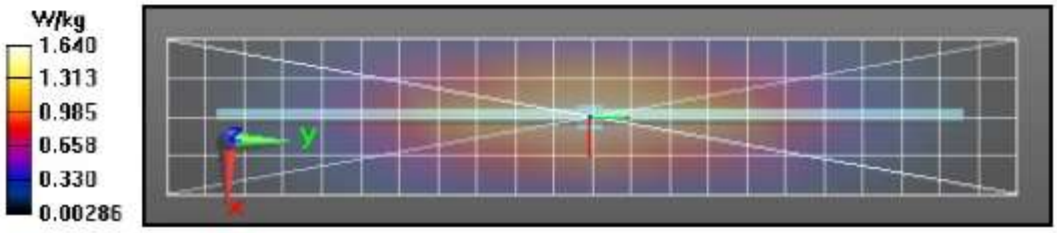
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.71 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.900 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.64 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.71 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.21 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 = 63.5%
Maximum value of SAR (measured) = 1.63 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.64 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/29/2021 12:21:54 PM

Robot#: DASY5-PG-3 | Run#:	AR(IRA)-SYSP-450B-211129-01
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	22.0 (C)
Serial#:	1077
Test Freq:	450.0000(MHz)
Start Power:	250 (mW)
Rotation (1D):	0.140 dB
Adjusted SAR (1W):	4.80 mW/g (1g)

Comments:

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

Medium parameters used: f = 450 MHz; σ = 0.93 S/m; ε_r = 54.5; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(12.07, 12.07, 12.07) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

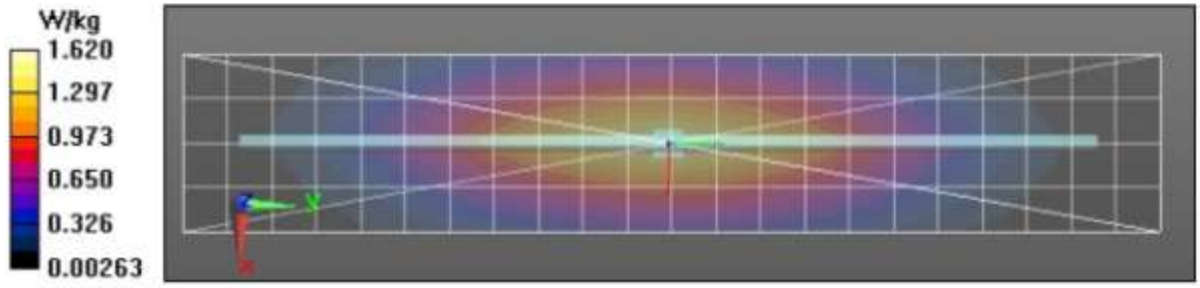
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.43 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.888 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.62 W/kg

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 = 42.43 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.811 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%
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) = 1.63 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/14/2021 1:37:34 PM

Robot#: DASY5-PG-3 | Run#:	BAD(DAN)-SYSP-450B-211214-13
Dipole Model#	D450V3
Phantom#:	ELI4 1040
Tissue Temp:	21.8 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.14dB
Adjusted SAR (1W):	4.60mW/g (1g)

Comments:

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

Medium parameters used: f = 450 MHz; σ = 0.97 S/m; ε_r = 56.1; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(12.07, 12.07, 12.07) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

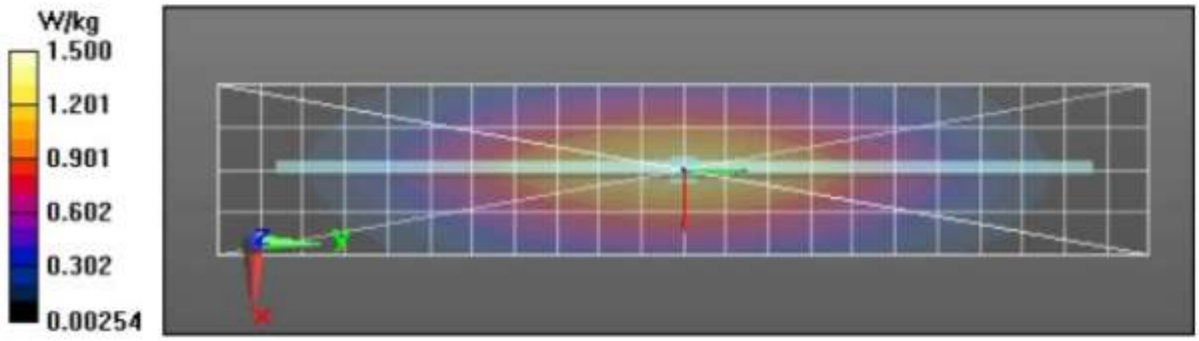
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.80 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.832 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.50 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.80 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.778 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) = 1.50 W/kg

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

Maximum value of SAR (measured) = 1.50 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/22/2021 11:49:39 PM

Robot#: DASY5-PG-3 | Run#:	MA(BAD)-SYSP-450H-211122-10
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	22.3 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.11 dB
Adjusted SAR (1W):	4.88 mW/g (1g)

Comments:

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

Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 43.4; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

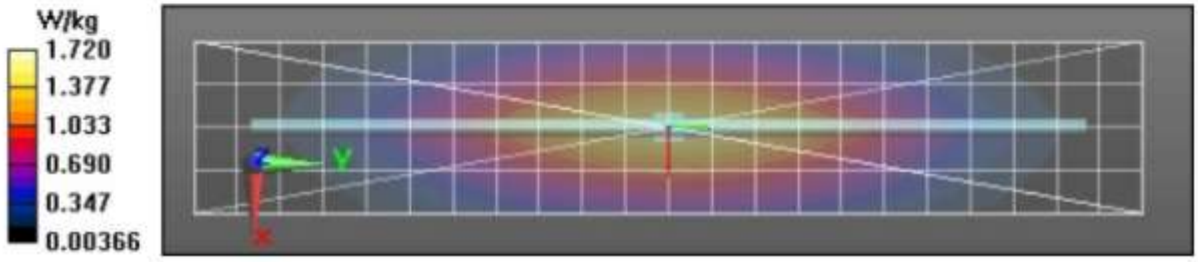
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.95 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.918 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.72 W/kg

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 = 44.95 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.22 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 = 63.8%
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) = 1.72 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/25/2021 4:19:43 PM

Robot#: DASY5-xx-x | Run#:	AR-SYSP-450H-211125-10
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	22.6 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.14 dB
Adjusted SAR (1W):	4.48 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.84 S/m; ε_r = 41.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

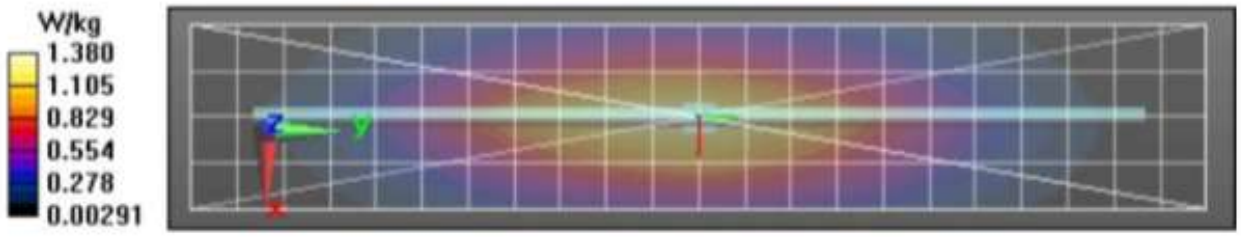
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.09 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.809 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.40 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.09 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.752 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 = 66.5%
Maximum value of SAR (measured) = 1.39 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.39 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/23/2021 3:45:38 AM

Robot#: DASY5-PG-3 | Run#:	MA(BAD)-SYSP-835B-211123-04
Dipole Model#	D835V2
Phantom#:	ELI4 1090
Tissue Temp:	21.5 (C)
Serial#:	4d029
Test Freq:	835.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.094 dB
Adjusted SAR (1W):	10.36 mW/g (1g)

Comments:

Communication System Band: Dipole 835, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 835 MHz; σ = 1.01 S/m; ε_r = 53.4; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 835 MHz, ConvF(10.3, 10.3, 10.3) @ 835 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

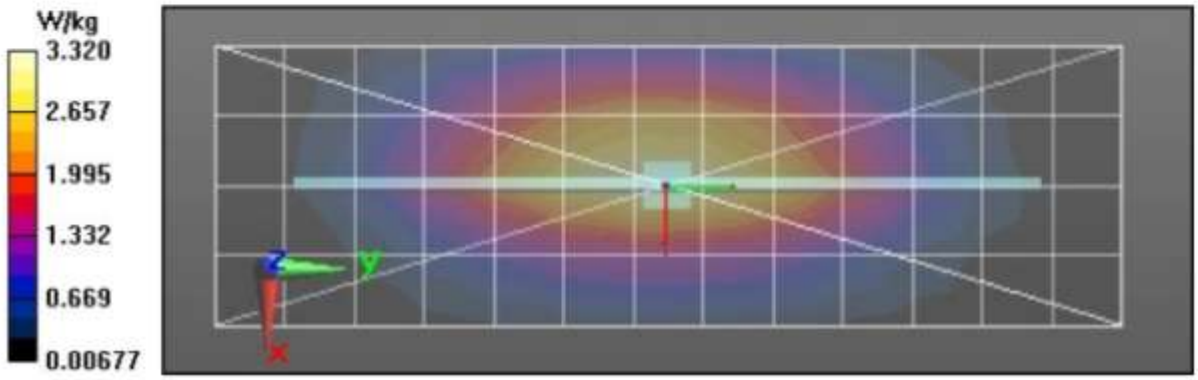
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 61.99 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.73 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.49 W/kg

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 = 61.99 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.99 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.71 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.5 mm
Ratio of SAR at M2 to SAR at M1 = 66.8%
Maximum value of SAR (measured) = 3.54 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) = 3.54 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/2/2021 6:45:19 AM

Robot#: DASY5-PG-3 | Run#:	BAD(DAN)-SYSP-835B-211202-06
Dipole Model#	D835V2
Phantom#:	ELI4 1090
Tissue Temp:	20.5 (C)
Serial#:	4D029
Test Freq:	835.0000(MHz)
Start Power:	250(mW)
Rotation (1D):	0.098 dB
Adjusted SAR (1W):	10.00 mW/g (1g)

Comments:

Communication System Band: Dipole 835, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 835 MHz; σ = 1.01 S/m; ε_r = 52.8; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 835 MHz, ConvF(10.3, 10.3, 10.3) @ 835 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

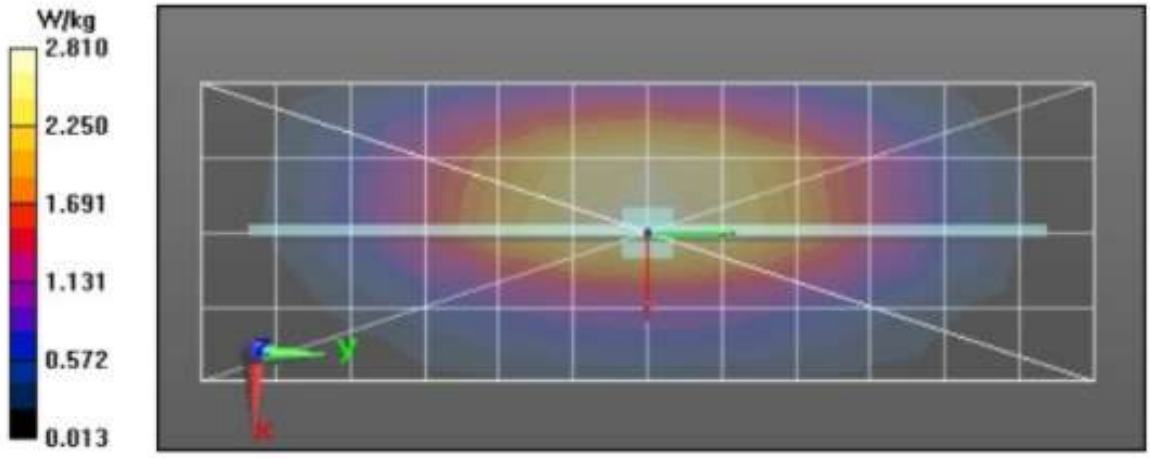
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.71 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.17 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.71 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.80 W/kg
SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.2 mm
Ratio of SAR at M2 to SAR at M1 = 67.7%
Maximum value of SAR (measured) = 3.25 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.25 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/20/2021 4:05:55 PM

Robot#: DASY5-PG-3 | Run#:	BL(IRA)-SYSP-835B-211220-04
Dipole Model#	D835V2
Phantom#:	ELI4 1090
Tissue Temp:	21.6 C)
Serial#:	4D029
Test Freq:	835.0000(MHz)
Start Power:	250(mW)
Rotation (1D):	0.069 dB
Adjusted SAR (1W):	9.84 mW/g (1g)

Comments:

Communication System Band: Dipole 835, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 835 MHz; σ = 1.02 S/m; ε_r = 53.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 835 MHz, ConvF(10.3, 10.3, 10.3) @ 835 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x121x1):

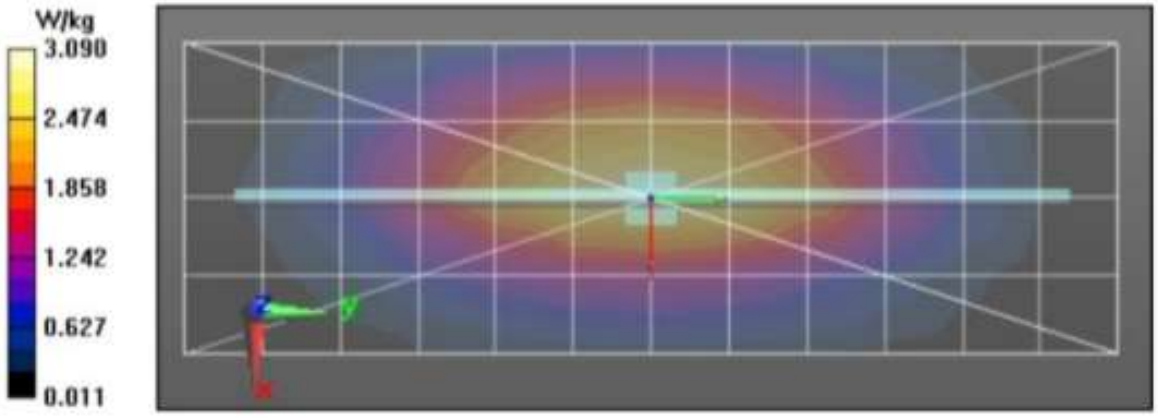
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.43 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.64 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.20 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.43 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.63 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 17.6 mm
Ratio of SAR at M2 to SAR at M1 = 67.5%
Maximum value of SAR (measured) = 3.22 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.22 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/23/2021 7:34:11 PM

Robot#: DASY5-PG-3 | Run#:	AR-SYSP-835H-211123-19
Dipole Model#	D835V2
Phantom#:	ELI4 1011
Tissue Temp:	22.6 (C)
Serial#:	4d029
Test Freq:	835.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.081 dB
Adjusted SAR (1W):	9.16 mW/g (1g)

Comments:

Communication System Band: Dipole 835, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 835 MHz; σ = 0.93 S/m; ε_r = 40.6; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 835 MHz, ConvF(10.5, 10.5, 10.5) @ 835 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x121x1):

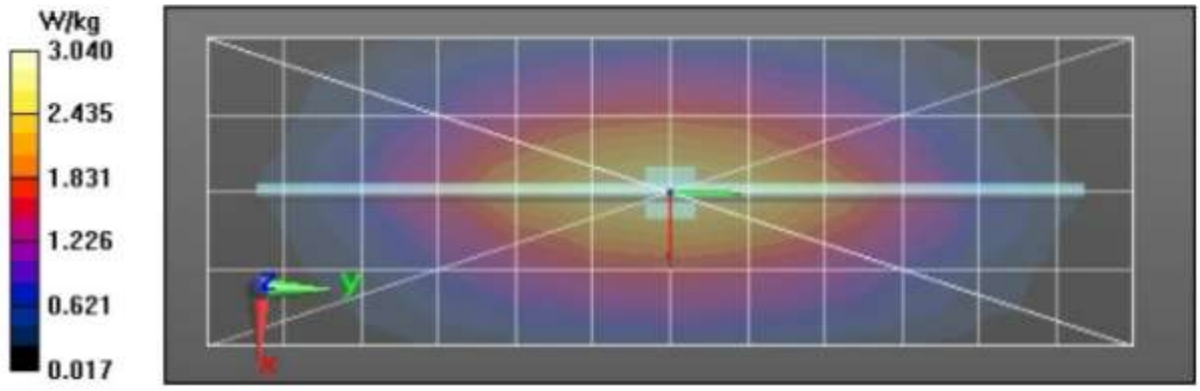
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.97 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.51 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.04 W/kg

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 = 59.97 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.42 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.5 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 20.2 mm
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 3.08 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) = 3.07 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/8/2021 11:48:17 AM

Robot#: DASY5-PG-3 | Run#:	MA(BAD)-SYSP-835H-211208-08
Dipole Model#	D835V2
Phantom#:	ELI4 1011
Tissue Temp:	19.7 (C)
Serial#:	4d029
Test Freq:	835.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.086 dB
Adjusted SAR (1W):	9.84 mW/g (1g)

Comments:

Communication System Band: Dipole 835, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 835 MHz; σ = 0.94 S/m; ε_r = 42.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 835 MHz, ConvF(10.5, 10.5, 10.5) @ 835 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

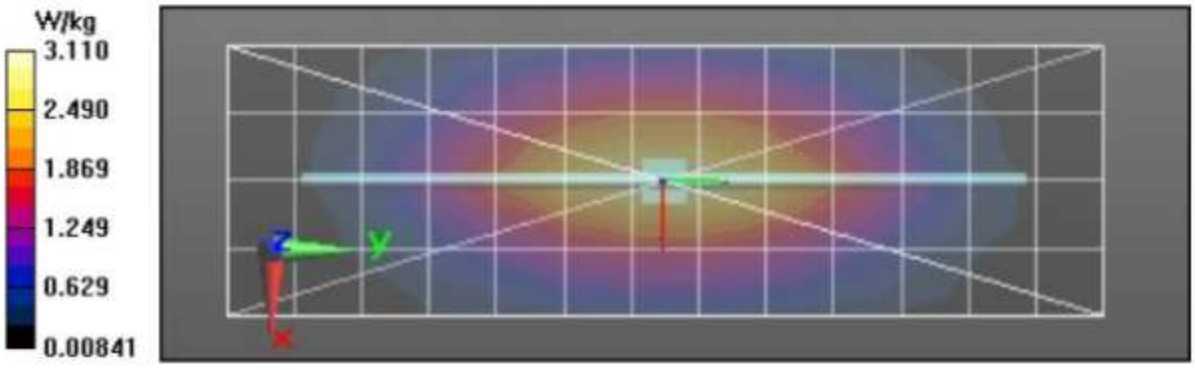
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.59 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.64 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.17 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.59 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.72 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.8%
Maximum value of SAR (measured) = 3.18 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.19 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/10/2021 11:34:44 PM

Robot#: DASY5-PG-3 | Run#:	AR(IRA)-SYSP-2450B-211210-14
Dipole Model#	D2450V2
Phantom#:	ELI4 1028
Tissue Temp:	19.0(C)
Serial#:	782
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.120 dB
Adjusted SAR (1W):	54.00 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 2450 MHz; σ = 2.04 S/m; ε_r = 52.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2450 MHz, ConvF(7.82, 7.82, 7.82) @ 2450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

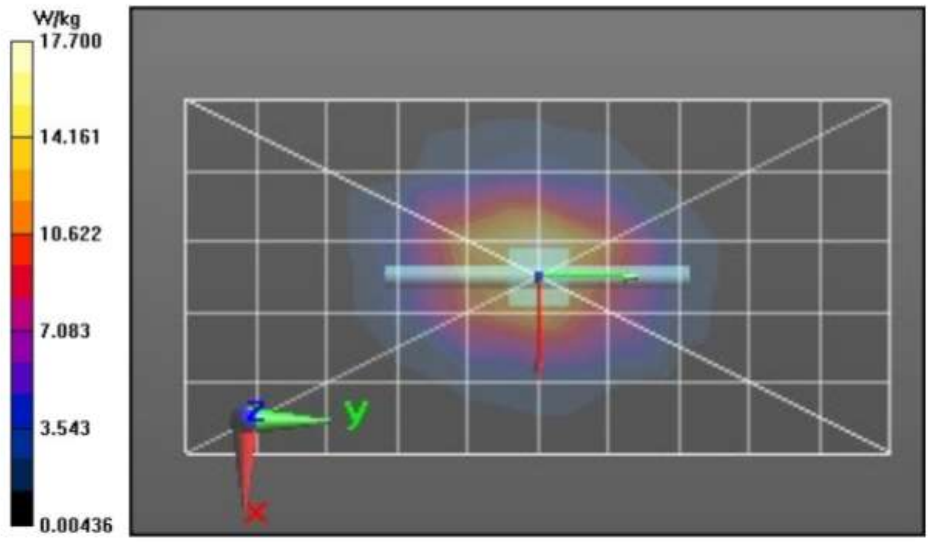
grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 105.5 V/m; Power Drift = -0.19 dB
Fast SAR: SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.63 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.4 W/kg

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

grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.5 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 29.4 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.12 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 47%
Maximum value of SAR (measured) = 21.3 W/kg

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

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 21.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/11/2021 11:18:52 AM

Robot#: DASY5-PG-3 | Run#:	MA(BAD)-SYSP-2450H-211211-09
Dipole Model#	D2450V2
Phantom#:	ELI4 1022
Tissue Temp:	19.1 (C)
Serial#:	782
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.12 dB
Adjusted SAR (1W):	51.20 mW/g (1g)

Comments:

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

Medium parameters used: f = 2450 MHz; σ = 1.89 S/m; ε_r = 35.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2450 MHz, ConvF(7.83, 7.83, 7.83) @ 2450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated

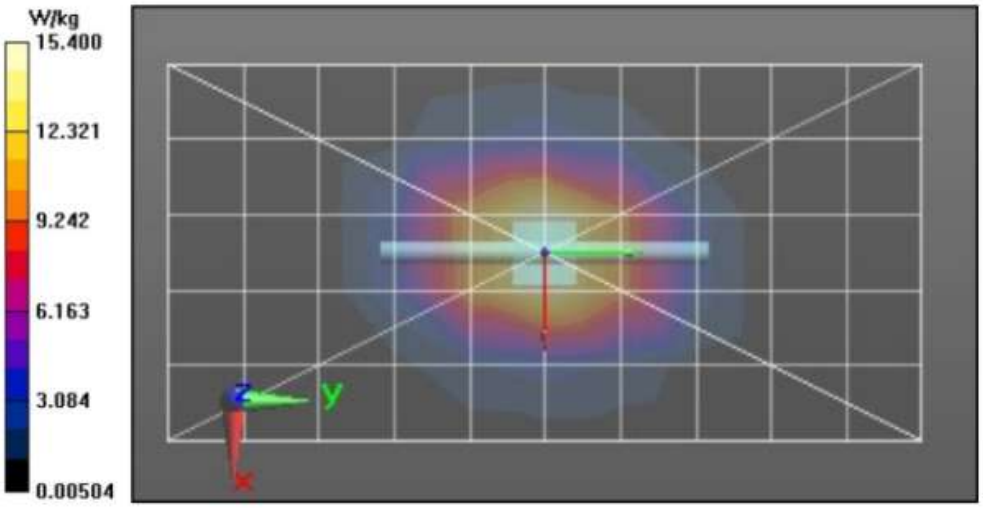
grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 106.5 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.2 W/kg

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

grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.5 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.91 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 47%
Maximum value of SAR (measured) = 20.7 W/kg

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

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 20.7 W/kg



Appendix E
DUT Scans

Assessments for VHF band - Table 19

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/9/2021 1:52:59 PM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-AB-211209-10#
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1103
Tissue Temp: 21.3 (C)
Serial#: 579TXV0112
Antenna: KT000026A01
Test Freq: 150.8000 (MHz)
Battery: PMNN4485A
Carry Acc: HLN6875A
Audio Acc: BT(None)
Start Power: 6.45 (W)

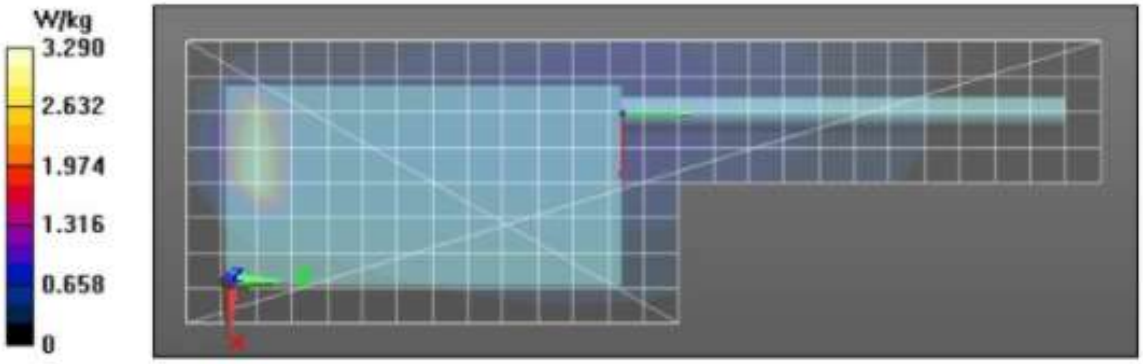
Comments:

Communication System Band: APX8000 HXE VHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 151 MHz; σ = 0.77 S/m; ε_r = 59.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 150.8 MHz, ConvF(13.77, 13.77, 13.77) @ 150.8 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 45.22 V/m; Power Drift = -0.62 dB
Fast SAR: SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.74 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.76 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.22 V/m; Power Drift = -0.70 dB
Peak SAR (extrapolated) = 7.85 W/kg
SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.13 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 = 32.2%
Maximum value of SAR (measured) = 4.00 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.95 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/24/2021 12:08:15 PM

Robot#: DASY5-PG-3 | Run#:	AR(IRA)-FACE-211124-11
Model#:	H91TGD9PW9AN(PNUW1036C)
Phantom#:	ELI5 1147
Tissue Temp:	22.7 (C)
Serial#:	673TXV0169
Antenna:	KT000026A01
Test Freq:	150.8000 (MHz)
Battery:	PMNN4485A
Carry Acc:	None, Radio @ Back
Audio Acc:	None
Start Power:	6.60 (W)

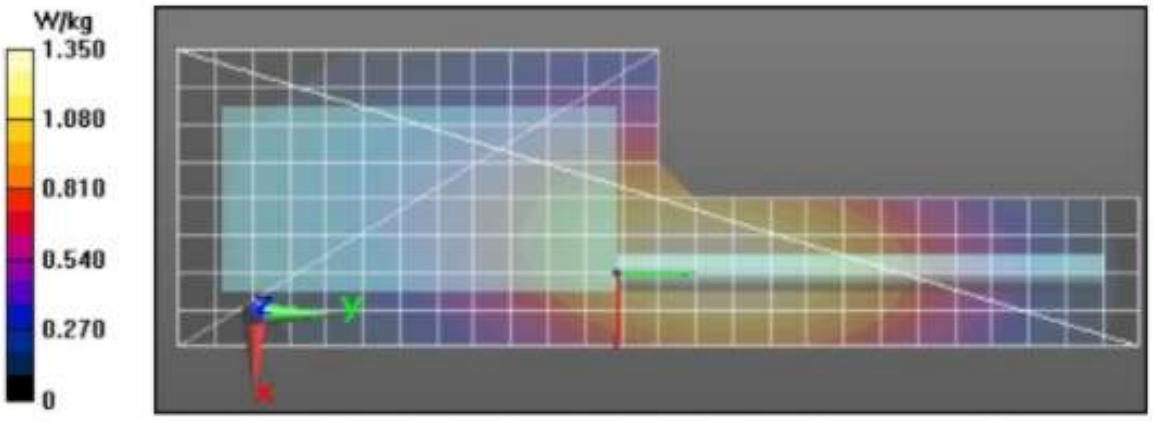
Comments:

Communication System Band: APX8000 VHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 151 MHz; σ = 0.77 S/m; ε_r = 49.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 150.8 MHz, ConvF(14.08, 14.08, 14.08) @ 150.8 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.46 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.889 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.36 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 = 42.46 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.824 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 = 69.9%
Maximum value of SAR (measured) = 1.34 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) = 1.35 W/kg



Assessment for UHF R1 band – Table 21

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/1/2021 9:55:26 AM

Robot#: DASY5-PG-3 | Run#: AR(IRA)-AB-211201-10#
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1022
Tissue Temp: 20.5 (C)
Serial#: 579TXV0112
Antenna: KT000026A01
Test Freq: 470.0000(MHz)
Battery: PMNN4547A
Carry Acc: PMLN7955A w/ RLN6486A w/ RLN6488A
Audio Acc: BT(None)
Start Power: 5.53 (W)

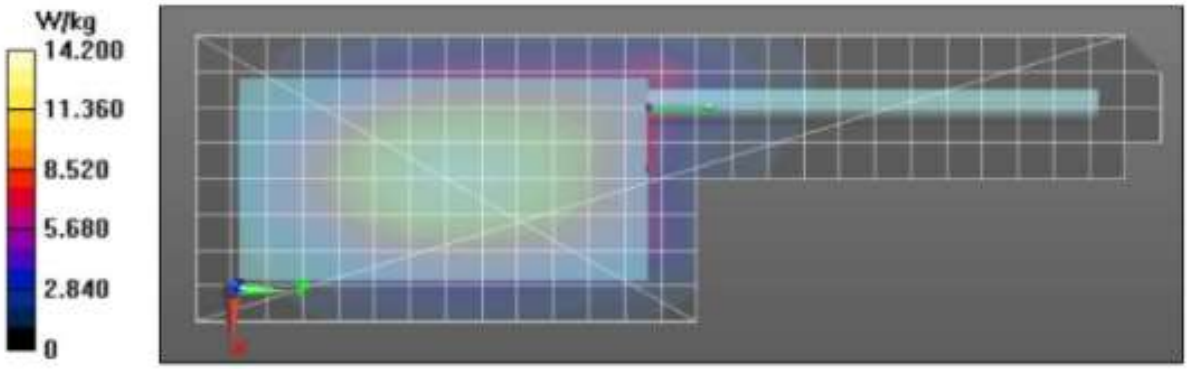
Comments:

Communication System Band: APX8000 UHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 470 MHz; σ = 0.94 S/m; ε_r = 55.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 470 MHz, ConvF(12.07, 12.07, 12.07) @ 470 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 97.46 V/m; Power Drift = -0.49 dB
Fast SAR: SAR(1 g) = 12 W/kg; SAR(10 g) = 8.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 14.3 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 97.46 V/m; Power Drift = -0.53 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 11.8 W/kg; SAR(10 g) = 8.89 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 = 76.2%
Maximum value of SAR (measured) = 13.8 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 13.7 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/23/2021 2:33:26 AM

Robot#: DASY5-PG-3 | Run#:	MA(BAD)-FACE-211123-03#
Model#:	H91TGD9PW9AN(PNUW1036C)
Phantom#:	ELI4 1108
Tissue Temp:	21.9 (C)
Serial#:	673TXV0169
Antenna:	PMAE4065A
Test Freq:	406.1250 (MHz)
Battery:	PMNN4485A
Carry Acc:	None; Radio @ front
Audio Acc:	None
Start Power:	5.70 (W)

Comments:

Communication System Band: APX8000 UHF, Communication System UID: 0, Duty Cycle: 1:1,

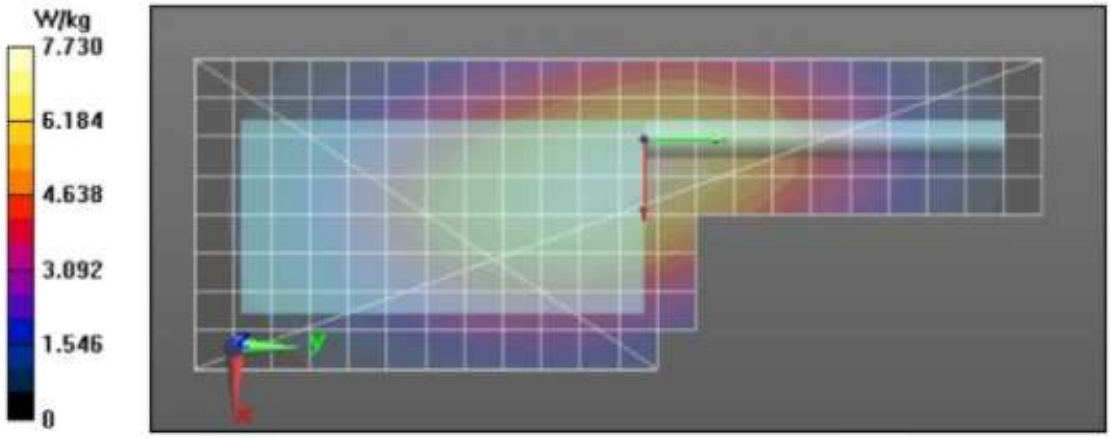
Medium parameters used: f = 406 MHz; σ = 0.86 S/m; ϵ_r = 44.3; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 406.125 MHz, ConvF(11.86, 11.86, 11.86) @ 406.125 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.17 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 6.39 W/kg; SAR(10 g) = 4.71 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.73 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 = 93.17 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 8.39 W/kg
SAR(1 g) = 6.18 W/kg; SAR(10 g) = 4.67 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 = 72.9%
Maximum value of SAR (measured) = 7.56 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) = 7.42 W/kg



Assessment for UHF R2 band – Table 21

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/27/2021 12:24:59 AM

Robot#: DASY5-PG-3 | Run#: MA(DAN)-AB-211127-01#
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1022
Tissue Temp: 23.0(C)
Serial#: 579TXV0112
Antenna: PMAT4001A
Test Freq: 465.5000(MHz)
Battery: PMNN4547A
Carry Acc: PMLN7955A w/ RLN6486A w/ RLN6488A
Audio Acc: BT(None)
Start Power: 5.52 (W)

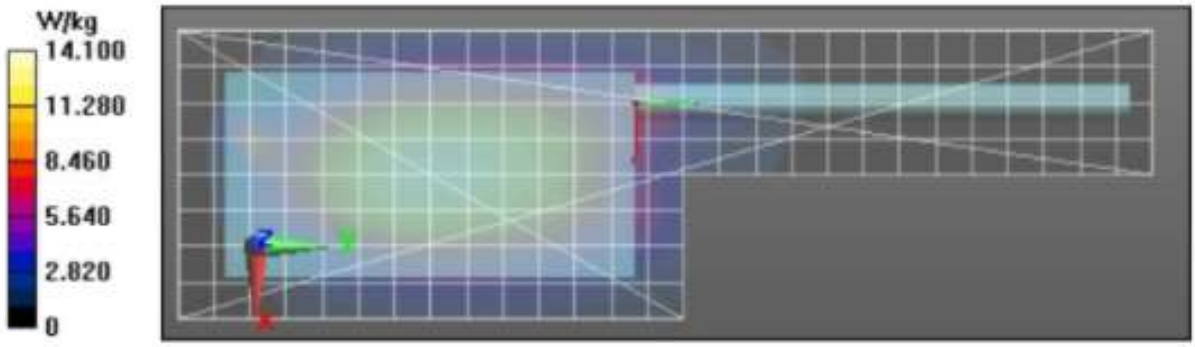
Comments:

Communication System Band: APX8000 HXE UHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 466 MHz; σ = 0.94 S/m; ε_r = 55.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 465.5 MHz, ConvF(12.07, 12.07, 12.07) @ 465.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 98.76 V/m; Power Drift = -0.72 dB
Fast SAR: SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 14.2 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 98.76 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 10.9 W/kg; SAR(10 g) = 8.03 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.5%
Maximum value of SAR (measured) = 13.6 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 13.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/25/2021 5:21:05 PM

Robot#: DASY5-PG-3 | Run#:	AR-FACE-211125-11
Model#:	H91TGD9PW9AN(PNUW1036C)
Phantom#:	ELI4 1108
Tissue Temp:	22.4 (C)
Serial#:	673TXV0169
Antenna:	KT000026A01
Test Freq:	450.0000 (MHz)
Battery:	NNTN8930A
Carry Acc:	None, Radio @ Front
Audio Acc:	None
Start Power:	5.54 (W)

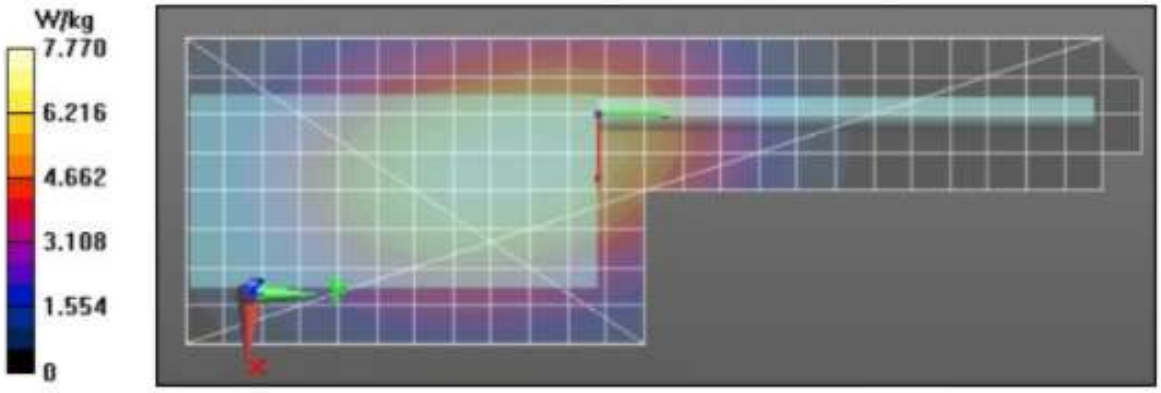
Comments:

Communication System Band: APX8000 UHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.84 S/m; ε_r = 41.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.16 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 6.76 W/kg; SAR(10 g) = 4.97 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.85 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.16 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 8.56 W/kg
SAR(1 g) = 6.73 W/kg; SAR(10 g) = 5.12 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 = 76.8%
Maximum value of SAR (measured) = 7.69 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.66 W/kg



Assessments for 7/800MHz Band - Table 23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/20/2021 5:12:09 PM

Robot#: DASY5-PG-3 | Run# BL(IRA)-AB-211220-05
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1090
Tissue Temp: 21.6 (C)
Serial#: 579TXV0112
Antenna: NAR6595A
Test Freq: 860.5000(MHz)
Battery: NNTN8930A
Carry Acc: PMLN7955A w/ RLN6486A w/ RLN6488A
Audio Acc: NMN6274BL
Start Power: 3.56 (W)

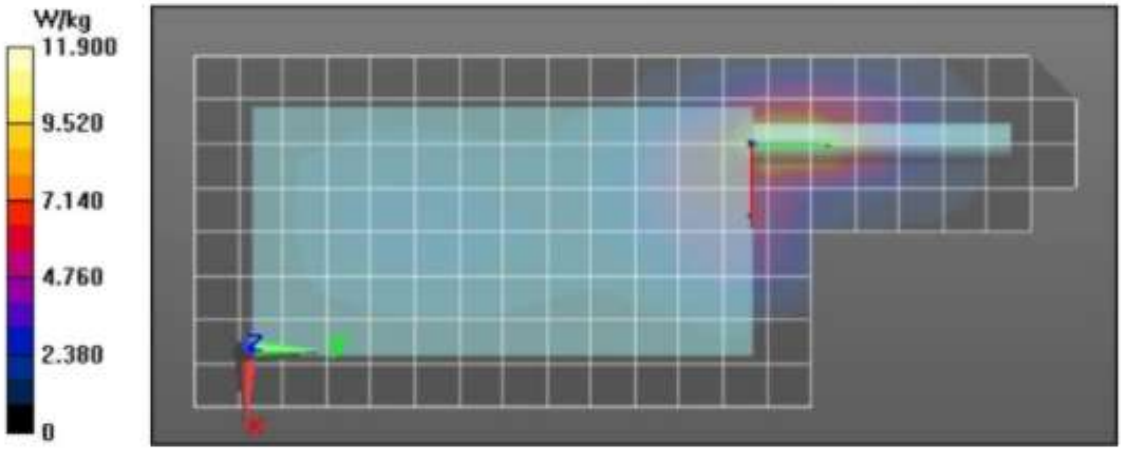
Comments:

Communication System Band: APX8000 7/900, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 861 MHz; σ = 1.05 S/m; ε_r = 53; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 860.5 MHz, ConvF(10.1, 10.1, 10.1) @ 860.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 81.53 V/m; Power Drift = -0.51 dB
Fast SAR: SAR(1 g) = 9.5 W/kg; SAR(10 g) = 5.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.5 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 81.53 V/m; Power Drift = -0.52 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 9.37 W/kg; SAR(10 g) = 5.64 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12 mm
Ratio of SAR at M2 to SAR at M1 = 62.5%
Maximum value of SAR (measured) = 12.6 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 12.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/8/2021 3:13:06 PM

Robot#:	DASY5-PG-3 | Run#: MA(BAD)-FACE-211208-10
Model#:	H91TGD9PW4AN (PNUW1046C)
Phantom#:	ELI4 1011
Tissue Temp:	20.2 (C)
Serial#:	579TXV0112
Antenna:	PMAF4040A
Test Freq:	808.5000 (MHz)
Battery:	PMNN4485A
Carry Acc:	None, Radio @Back
Audio Acc:	None
Start Power:	3.60 (W)

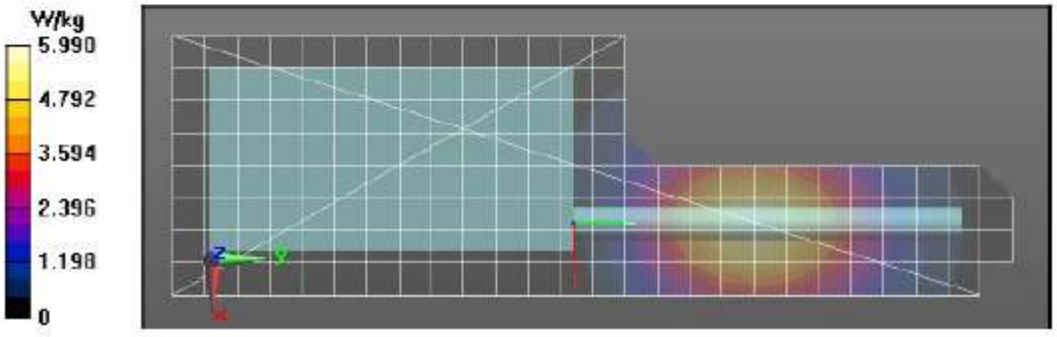
Comments:

Communication System Band: APX8000 HXE 7/800, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 809 MHz; σ = 0.91 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 808.5 MHz, ConvF(10.83, 10.83, 10.83) @ 808.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 83.93 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 4.95 W/kg; SAR(10 g) = 3.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.01 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 83.93 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 6.44 W/kg
SAR(1 g) = 4.91 W/kg; SAR(10 g) = 3.59 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 = 75.2%
Maximum value of SAR (measured) = 5.78 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.79 W/kg



Assessments for ISED, Canada (VHF) - Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/9/2021 2:33:57 PM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-AB-211209-11#
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1103
Tissue Temp: 21.3 (C)
Serial#: 579TXV0112
Antenna: KT000026A01
Test Freq: 139.7000 (MHz)
Battery: PMNN4485A
Carry Acc: HLN6875A
Audio Acc: BT(None)
Start Power: 6.44 (W)

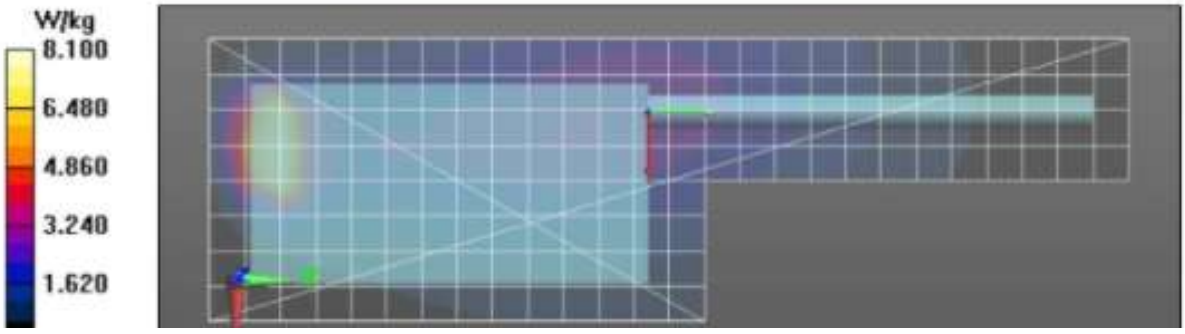
Comments:

Communication System Band: APX8000 HXE VHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 140 MHz; σ = 0.76 S/m; ε_r = 59.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 139.7 MHz, ConvF(13.77, 13.77, 13.77) @ 139.7 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 74.65 V/m; Power Drift = -0.47 dB
Fast SAR: SAR(1 g) = 7.84 W/kg; SAR(10 g) = 5.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.61 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 74.65 V/m; Power Drift = -0.53 dB
Peak SAR (extrapolated) = 25.9 W/kg
SAR(1 g) = 8.59 W/kg; SAR(10 g) = 3.87 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 = 34.1%
Maximum value of SAR (measured) = 14.9 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 16.7 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/24/2021 2:06:23 PM

Robot#: DASY5-PG-3 | Run#: AR(IRA)-FACE-211124-12
Model#: H91TGD9PW9AN(PNUW1036C)
Phantom#: ELI5 1147
Tissue Temp: 22.7 (C)
Serial#: 673TXV0169
Antenna: PMAT4001A
Test Freq: 143.4000 (MHz)
Battery: PMNN4485A
Carry Acc: None, Radio @ Back
Audio Acc: None
Start Power: 6.60 (W)

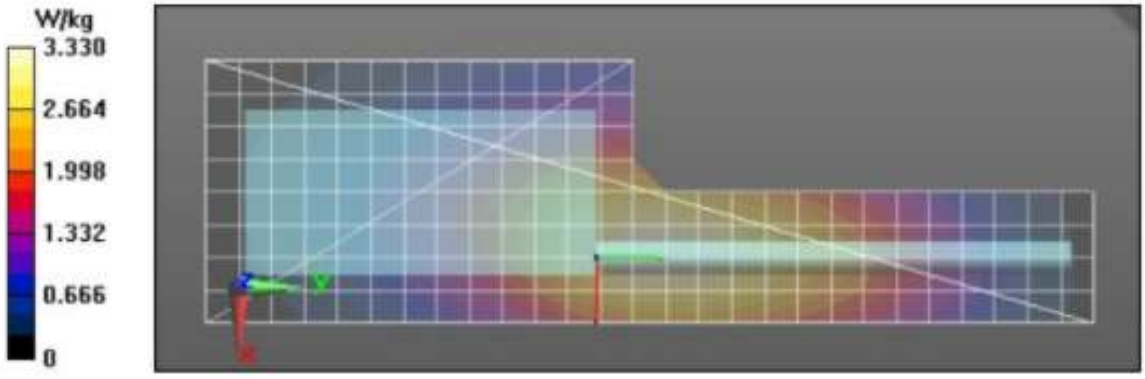
Comments:

Communication System Band: APX8000 VHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 143 MHz; σ = 0.76 S/m; ε_r = 50.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 143.4 MHz, ConvF(14.08, 14.08, 14.08) @ 143.4 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 66.61 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 2.83 W/kg; SAR(10 g) = 2.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.34 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 = 66.61 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 3.63 W/kg
SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.94 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 = 70.3%
Maximum value of SAR (measured) = 3.16 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) = 3.12 W/kg



Assessments for ISED, Canada (UHF) - Table 24

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/27/2021 12:24:59 AM

Robot#: DASY5-PG-3 | Run#:	MA(DAN)-AB-211127-01#
Model#:	H91TGD9PW4AN (PNUW1046C)
Phantom#:	ELI4 1022
Tissue Temp:	23.0(C)
Serial#:	579TXV0112
Antenna:	PMAT4001A
Test Freq:	465.5000(MHz)
Battery:	PMNN4547A
Carry Acc:	PMLN7955A w/ RLN6486A w/ RLN6488A
Audio Acc:	BT(None)
Start Power:	5.52 (W)

Comments:

Communication System Band: APX8000 HXE UHF, Communication System UID: 0, Duty Cycle: 1:1,

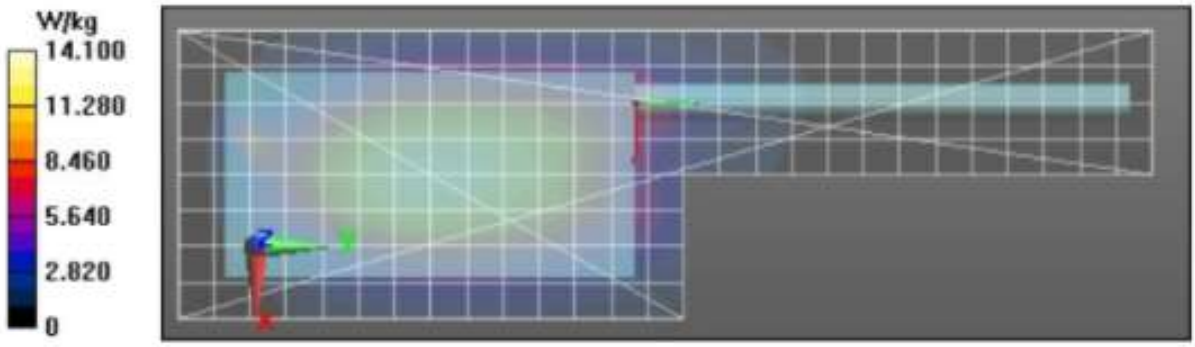
Medium parameters used: f = 466 MHz; σ = 0.94 S/m; ε_r = 55.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 465.5 MHz, ConvF(12.07, 12.07, 12.07) @ 465.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 98.76 V/m; Power Drift = -0.72 dB
Fast SAR: SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 14.2 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 98.76 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 10.9 W/kg; SAR(10 g) = 8.03 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.5%
Maximum value of SAR (measured) = 13.6 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 13.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/2/2021 4:46:12 AM

Robot#: DASY5-PG-3 | Run#:	BAD(DAN)-FACE-211202-04
Model#:	H91TGD9PW4AN (PNUW1046C)
Phantom#:	ELI4 1108
Tissue Temp:	20.8 (C)
Serial#:	579TXV0112
Antenna:	KT000026A01
Test Freq:	450.0000 (MHz)
Battery:	NNTN8930A
Carry Acc:	None, Radio @ Front
Audio Acc:	None
Start Power:	5.52 (W)

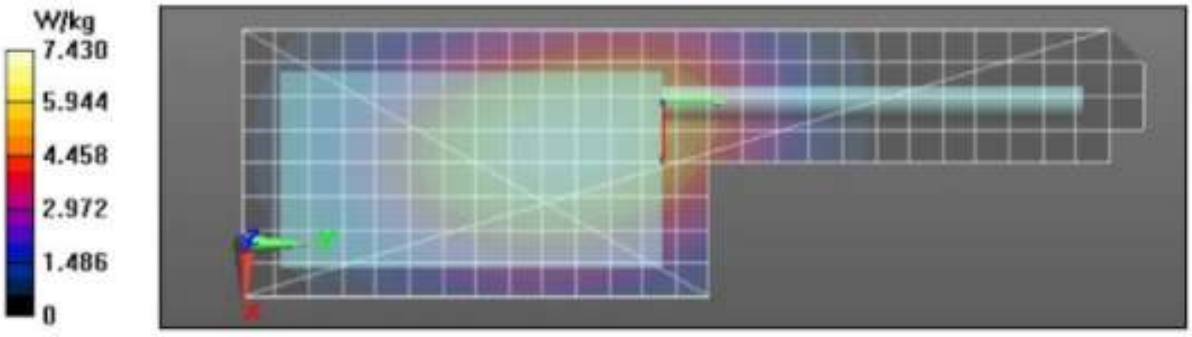
Comments:

Communication System Band: APX8000 HXE UHF2, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 43.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 89.62 V/m; Power Drift = -0.44 dB
Fast SAR: SAR(1 g) = 6.4 W/kg; SAR(10 g) = 4.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.57 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.62 V/m; Power Drift = -0.50 dB
Peak SAR (extrapolated) = 7.99 W/kg
SAR(1 g) = 6.26 W/kg; SAR(10 g) = 4.82 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 = 77.7%
Maximum value of SAR (measured) = 7.24 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.21 W/kg



Assessments for ISED, Canada (7/800 MHz) - Table 24

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/20/2021 5:12:09 PM

Robot#:	DASY5-PG-3 | Run# BL(IRA)-AB-211220-05
Model#:	H91TGD9PW4AN (PNUW1046C)
Phantom#:	ELI4 1090
Tissue Temp:	21.6 (C)
Serial#:	579TXV0112
Antenna:	NAR6595A
Test Freq:	860.5000(MHz)
Battery:	NNTN8930A
Carry Acc:	PMLN7955A w/ RLN6486A w/ RLN6488A
Audio Acc:	NMN6274BL
Start Power:	3.56 (W)

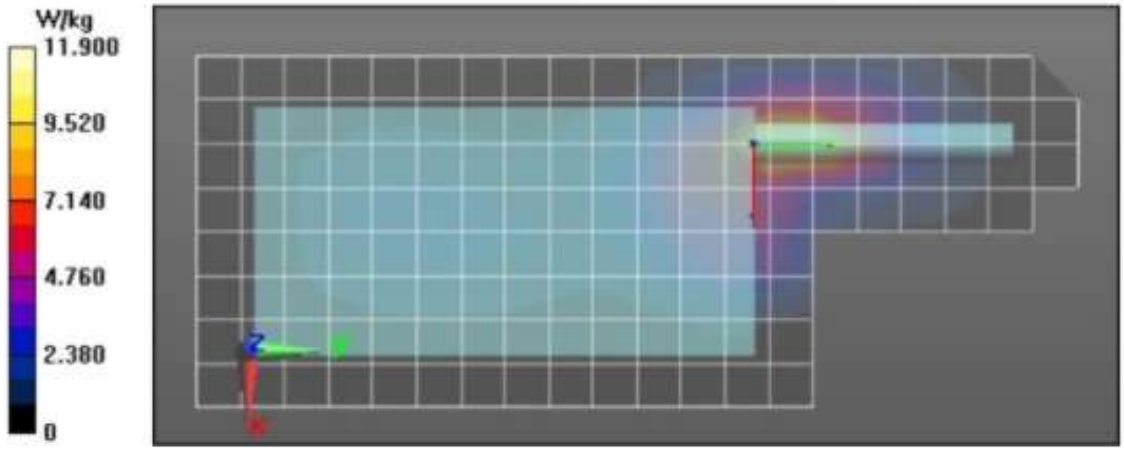
Comments:

Communication System Band: APX8000 7/900, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 861 MHz; σ = 1.05 S/m; ε_r = 53; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 860.5 MHz, ConvF(10.1, 10.1, 10.1) @ 860.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 81.53 V/m; Power Drift = -0.51 dB
Fast SAR: SAR(1 g) = 9.5 W/kg; SAR(10 g) = 5.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.5 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 81.53 V/m; Power Drift = -0.52 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 9.37 W/kg; SAR(10 g) = 5.64 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12 mm
Ratio of SAR at M2 to SAR at M1 = 62.5%
Maximum value of SAR (measured) = 12.6 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 12.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/8/2021 3:13:06 PM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-FACE-211208-10
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1011
Tissue Temp: 20.2 (C)
Serial#: 579TXV0112
Antenna: PMAF4040A
Test Freq: 808.5000 (MHz)
Battery: PMNN4485A
Carry Acc: None, Radio @Back
Audio Acc: None
Start Power: 3.60 (W)

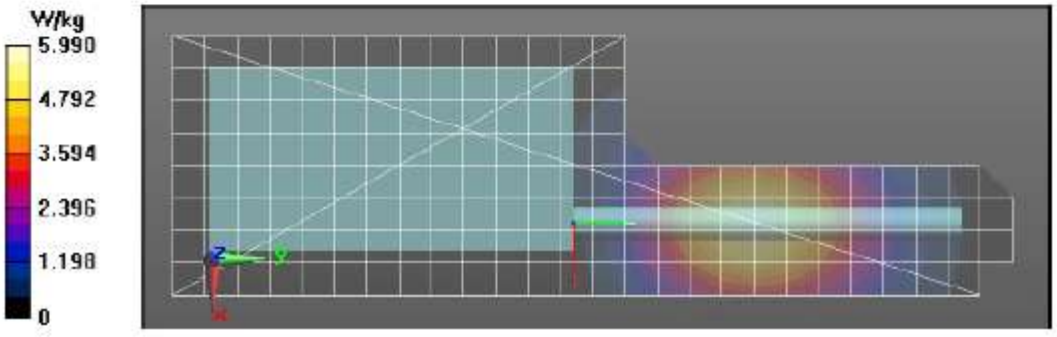
Comments:

Communication System Band: APX8000 HXE 7/800, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 809 MHz; σ = 0.91 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 808.5 MHz, ConvF(10.83, 10.83, 10.83) @ 808.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 83.93 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 4.95 W/kg; SAR(10 g) = 3.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.01 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 83.93 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 6.44 W/kg
SAR(1 g) = 4.91 W/kg; SAR(10 g) = 3.59 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 = 75.2%
Maximum value of SAR (measured) = 5.78 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.79 W/kg



Assessments for ISED, Canada (Each Antenna) - Table 24

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/30/2021 11:32:51 PM

Robot#: DASY5-PG-3 | Run#: MA(DAN)-AB-211130-16
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1022
Tissue Temp: 20.6(C)
Serial#: 579TXV0112
Antenna: KT000026A01
Test Freq: 465.5000(MHz)
Battery: PMNN4547A
Carry Acc: PMLN7955A w/ RLN6486A w/ RLN6488A
Audio Acc: BT(None)
Start Power: 5.62(W)

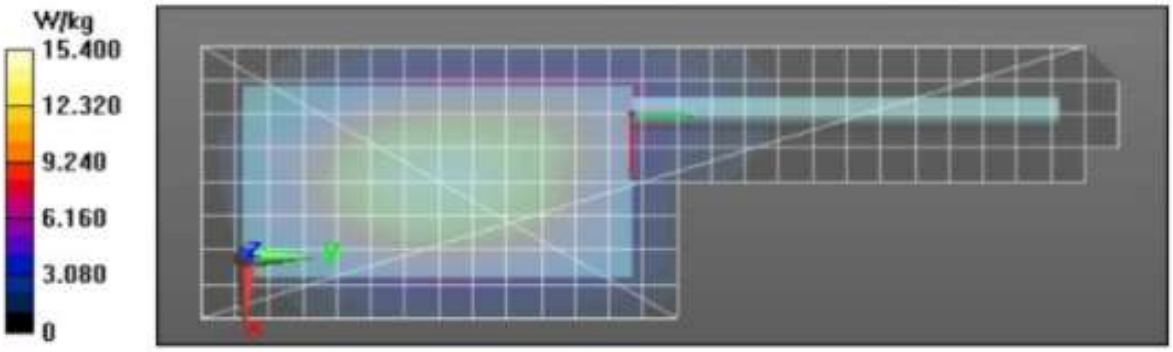
Comments:

Communication System Band: APX8000 UHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 466 MHz; σ = 0.94 S/m; ε_r = 55.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 465.5 MHz, ConvF(12.07, 12.07, 12.07) @ 465.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 99.47 V/m; Power Drift = -0.50 dB
Fast SAR: SAR(1 g) = 13 W/kg; SAR(10 g) = 9.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 15.4 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 99.47 V/m; Power Drift = -0.53 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 9.55 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 = 76.4%
Maximum value of SAR (measured) = 14.8 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 14.8 W/kg



Assessments for FCC and ISED, Canada WLAN - Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/11/2021 3:10:34 AM

Robot#: DASY5-PG-3 | Run#: AR(IRA)-AB-211211-03#
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1028
Tissue Temp: 19.0 (C)
Serial#: 579TXV0112
Antenna: 84009370002 WiFi Ant
Test Freq: 2412.0000 (MHz)
Battery: PMNN4547A
Carry Acc: HLN6875A
Audio Acc: None
Start Power: 0.0228 (W)

Comments:

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

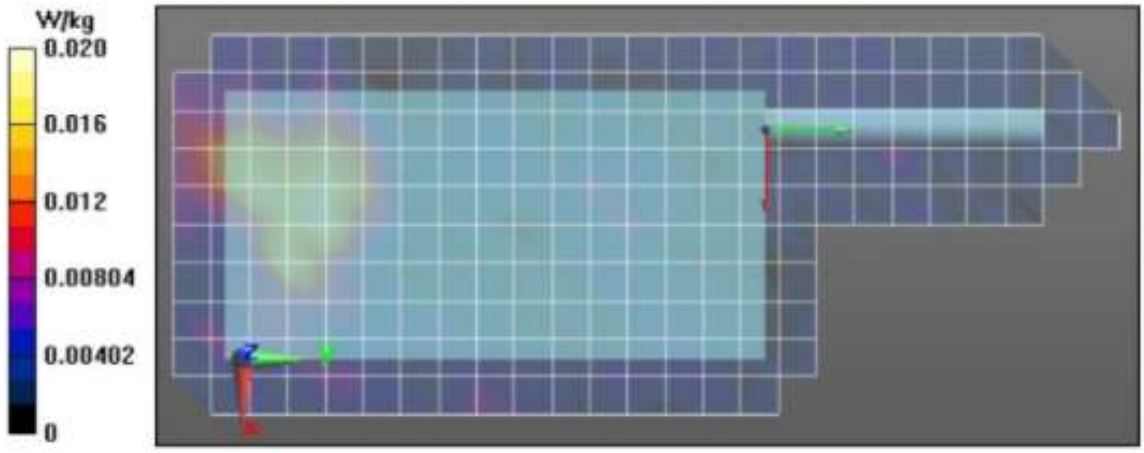
Medium parameters used: f = 2412 MHz; σ = 1.99 S/m; ε_r = 52.3; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2412 MHz, ConvF(7.82, 7.82, 7.82) @ 2412 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (101x261x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.609 V/m; Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00818 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0217 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.609 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 0.0250 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00785 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 55.9%
Maximum value of SAR (measured) = 0.0188 W/kg

2-3 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0172 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/11/2021 1:51:55 PM

Robot#: DASY5-PG-3 | Run#:	MA(BAD)-FACE-211211-10
Model#:	H91TGD9PW4AN (PNUW1046C)
Phantom#:	ELI4 1022
Tissue Temp:	19.2 (C)
Serial#:	579TXV0112
Antenna:	84009370002 WiFi Ant
Test Freq:	2412.0000 (MHz)
Battery:	PMNN4485A
Carry Acc:	2.5cm @ Back
Audio Acc:	None
Start Power:	0.0228 (W)

Comments:

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

Medium parameters used: f = 2412 MHz; σ = 1.85 S/m; ε_r = 35.8; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2412 MHz, ConvF(7.83, 7.83, 7.83) @ 2412 MHz

Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.2/Face Scan/1-Area Scan (101x261x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 8.528 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.155 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.528 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.065 W/kg (SAR corrected for target medium)

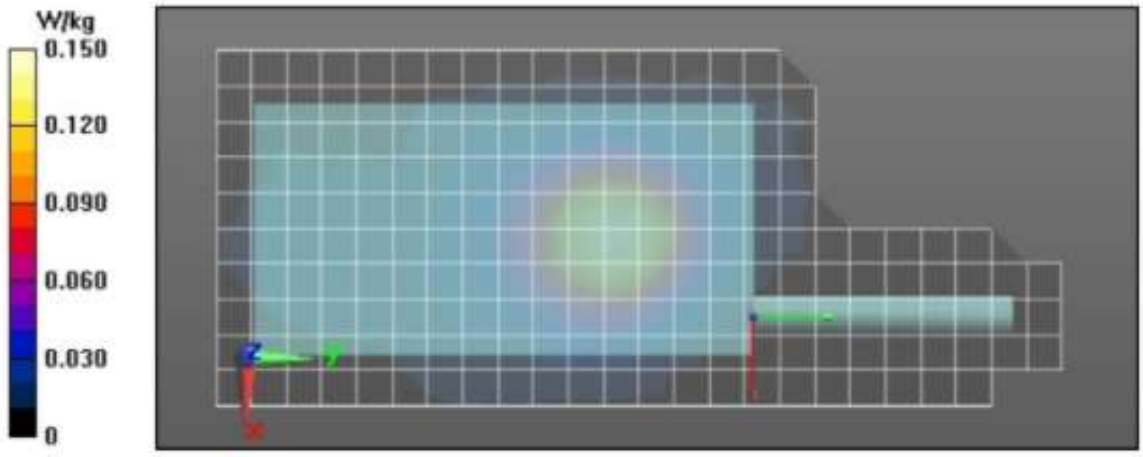
Smallest distance from peaks to all points 3 dB below = 22.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 0.154 W/kg

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

Maximum value of SAR (measured) = 0.153 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Shortened Scan
Table 27

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/30/2021 2:24:20 AM

Robot#: DASY5-PG-3 | Run#: AM(DAN)-AB-211130-03#
Model#: H91TGD9PW4AN (PNUW1046C)
Phantom#: ELI4 1022
Tissue Temp: 21.4(C)
Serial#: 579TXV0112
Antenna: KT000026A01
Test Freq: 465.5000(MHz)
Battery: PMNN4547A
Carry Acc: PMLN7955A w/ RLN6486A w/ RLN6488A
Audio Acc: BT(None)
Start Power: 5.56(W)

Comments:

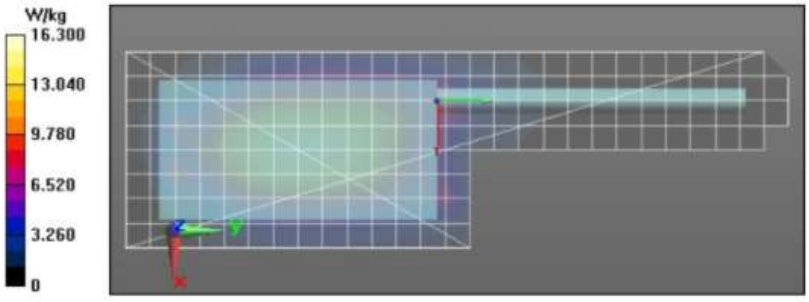
Communication System Band: APX8000 HXE UHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 466 MHz; σ = 0.95 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 465.5 MHz, ConvF(12.07, 12.07, 12.07) @ 465.5 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 103.7 V/m; Power Drift = -0.54 dB
Fast SAR: SAR(1 g) = 13.3 W/kg; SAR(10 g) = 9.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 16.3 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 = 103.7 V/m; Power Drift = -0.57 dB
Fast SAR: SAR(1 g) = 13 W/kg; SAR(10 g) = 9.61 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 15.8 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 = 135.8 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 18.4 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 10.1 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 72.9%
Maximum value of SAR (measured) = 16.6 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 15.6 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)	27	8	7.13
Full scan (area & zoom)	24	31	7.28

APPENDIX G
DUT Test Position Photos

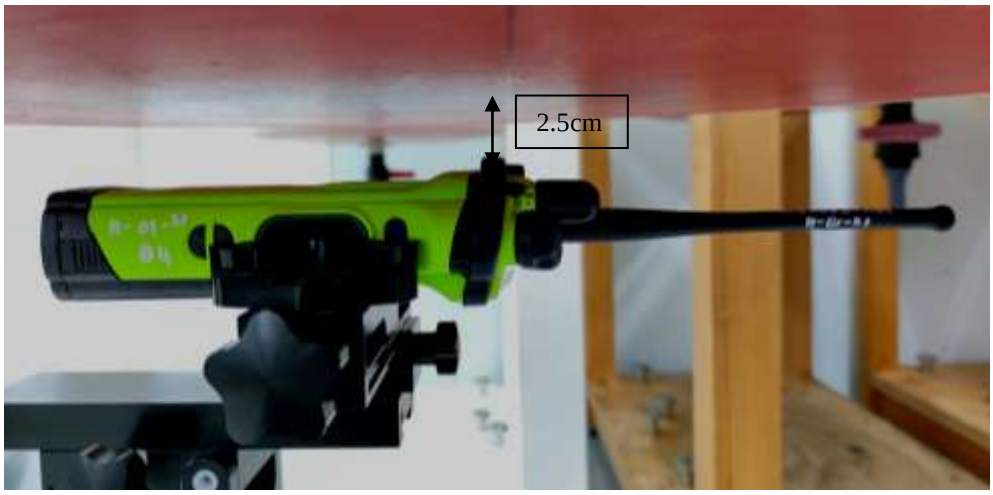
1.0 Highest SAR Test Position

1.1 Body

DUT with antenna KT000026A01 with offered battery PMNN4547A and bodyworn accessories PMLN7955A w/ RLN6486A w/ RLN6488A against the phantom without an audio accessory attached.

1.2 Face

Front of DUT with antenna KT000026A01 and battery NNTN8930A separated 2.5cm from the phantom without an audio accessory attached.



APPENDIX H
DUT, Body worn and audio accessories Photos

Please refer to original filing report