MOTOROLA SOLUTIONS

SAMM 826

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: 04/01/2024
Report Revision: B

Responsible Engineer:	Alfred Hoe (EME Engineer)
Report Author:	Muhammad Hizami bin Ismail (EME Senior Technician)
Date/s Tested:	12/6/2023-12/17/2023,01/05/2024-01/17/2024, 02/24/2024-02/25/2024
Manufacturer:	Motorola Solutions Inc. (Schaumburg)
Manufacturer Location:	1301 E. ALGONQUIN ROAD, BLDG IL02 ROOM 3035, SCHAUMBURG, IL 60196
DUT Description:	Handheld Portable – APX NEXT XE ALL BAND MODEL 4.5, GRN, APX NEXT ALL-BAND MODEL 4.5 & APX NEXT XN model ALL-BAND MODEL 4.5
Test TX mode(s):	FM; LTE; WLAN
Max. Power output:	Refer table 3
Nominal Power:	Refer table 3
Tx Frequency Bands:	Refer table 3
Signaling type:	FM, TDMA, SC-FDMA, FHSS, DSSS, OFDM and NFC
Model(s) Tested:	H55TGT9PW8AN (FCC); NUW2100 (ISED), H55TGT9PW8AN (PNUW1100E) & H55TGU9PW8AN (PNUW3100B)
Model(s) Certified:	Refer to Section 1.0 Introduction
Serial Number(s):	437TZP0828, 437TZP0813, 437TZP0935, 437TZP0924, 437TZP0836, 437TZP0840
Classification:	Occupational/Controlled Environment
Firmware Version:	APX NEXT XE D05.75.53(BP), D00.00.14(AP) & APX NEXT D05.75.54 (BP), D00.00.14(AP) & APX NEXT XN D05.75.54 (BP), D00.00.14(AP)
Applicant Name:	Motorola Solutions Inc.
Applicant Address:	Plot 2A, Medan Bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia
FCC ID:	AZ489FT7119 This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
FCC Test Firm Registration Number:	823256
IC:	109U-89FT7119 This report contains results that are immaterial for ISED equipment approval, which are clearly identified.
ISED Test Site registration:	24843

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

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

Saw Sun Hock (Approval Signatory)
Approved Date: 04/02/2024

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/21/2024 12:53:31 PM

Robot#: DASY5-PG-2 | Run#:	MIN-SYSP-150H-240121-03
Dipole Model#	CLA-150
Phantom#:	ELI4 1028
Tissue Temp:	20.5 (C)
Serial#:	4016
Test Freq:	150.0000 (MHz)
Start Power:	1000 (mW)
Rotation (1D):	0.039 dB
Adjusted SAR (1W):	4.09 mW/g (1g)

Comments:

Communication System Band: CLA150, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 150 MHz; σ = 0.729 S/m; ε_r = 50.288; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 150 MHz, ConvF(13.07, 13.07, 13.07) @ 150 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

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

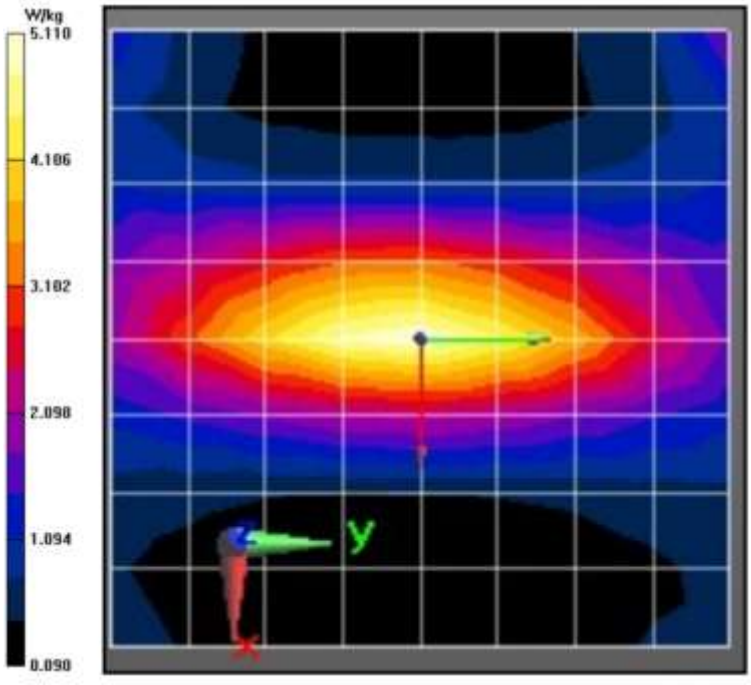
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 84.26 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 4.56 W/kg; SAR(10 g) = 3.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.27 W/kg

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 = 84.26 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 6.62 W/kg
SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.65 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 15 mm
Ratio of SAR at M2 to SAR at M1 = 62.1%
Maximum value of SAR (measured) = 5.22 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) = 5.21 W/kg



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Date/Time: 1/6/2024 10:16:20 AM

Robot#: DASY5-PG-2 | Run#:	MFR-SYSP-450B-240106-07@
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	20.7 (C)
Serial#:	1077
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.049 dB
Adjusted SAR (1W):	5.04 mW/g (1g)

Comments:

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

Medium parameters used: f = 450 MHz; σ = 0.929 S/m; ε_r = 55.601; ρ = 1000 kg/m^3

Probe: ES3DV3 - SN3122, Calibrated: 4/26/2022, Frequency: 450 MHz, ConvF(6.75, 6.75, 6.75) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

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

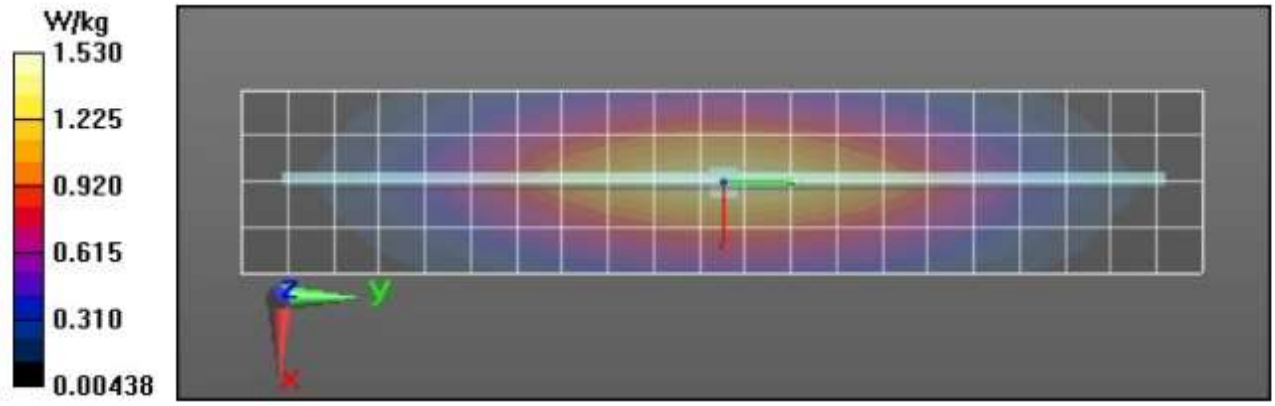
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.87 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.941 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.54 W/kg

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 = 40.87 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.838 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 64.8%
Maximum value of SAR (measured) = 1.46 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) = 1.53 W/kg



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Date/Time: 2/24/2024 4:01:34 PM

Robot#: DASY5-PG-2 | Run#:	MFR-SYSP-750H-240224-18
Dipole Model#	D750V3
Phantom#:	ELI4 1090
Tissue Temp:	20.5 (C)
Serial#:	1098
Test Freq:	750.0000 (MHz)
Start Power:	31.6 (mW)
Rotation (1D):	0.067 dB
Adjusted SAR (1W):	8.20 mW/g (1g)

Comments:

Communication System Band: Dipole 750, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 750 MHz; σ = 0.85 S/m; ε_r = 43.094; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 750 MHz, ConvF(10.44, 10.44, 10.44) @ 750 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x141x1):

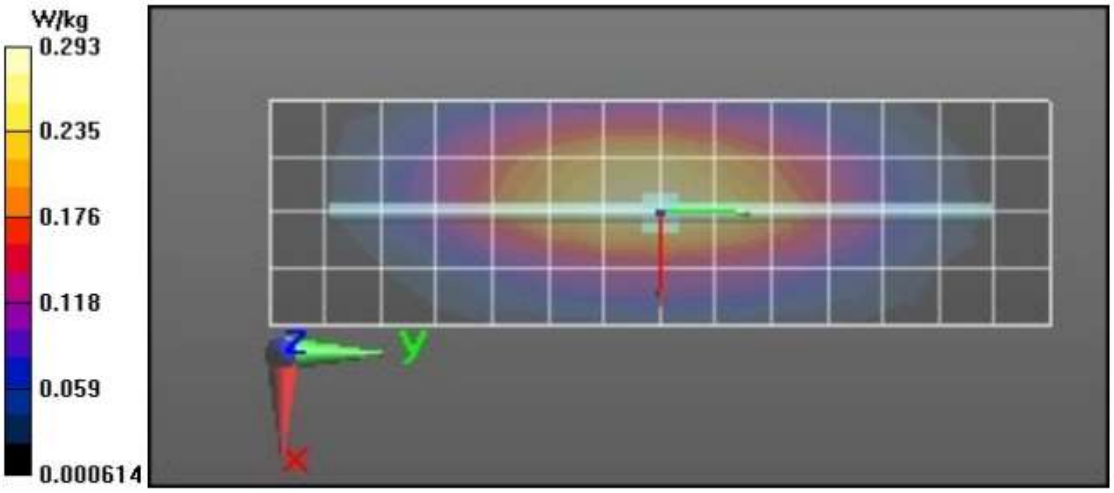
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.66 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.173 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.309 W/kg

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 = 19.66 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.170 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 = 67.3%
Maximum value of SAR (measured) = 0.315 W/kg

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

Maximum value of SAR (measured) = 0.312 W/kg



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Date/Time: 12/19/2023 2:19:34 AM

Robot#: DASY5-PG-1 | Run#:	EMR-SYSP-750H-231219-03@
Dipole Model#	D750V3
Phantom#:	ELI4 1022
Tissue Temp:	22.1 (C)
Serial#:	1142
Test Freq:	750.0000 (MHz)
Start Power:	31.6 (mW)
Rotation (1D):	0.051 dB
Adjusted SAR (1W):	8.26 mW/g (1g)

Comments:

Communication System Band: D750, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 750 MHz; σ = 0.902 S/m; ε_r = 43.352; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 750 MHz, ConvF(10.44, 10.44, 10.44) @ 750 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

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

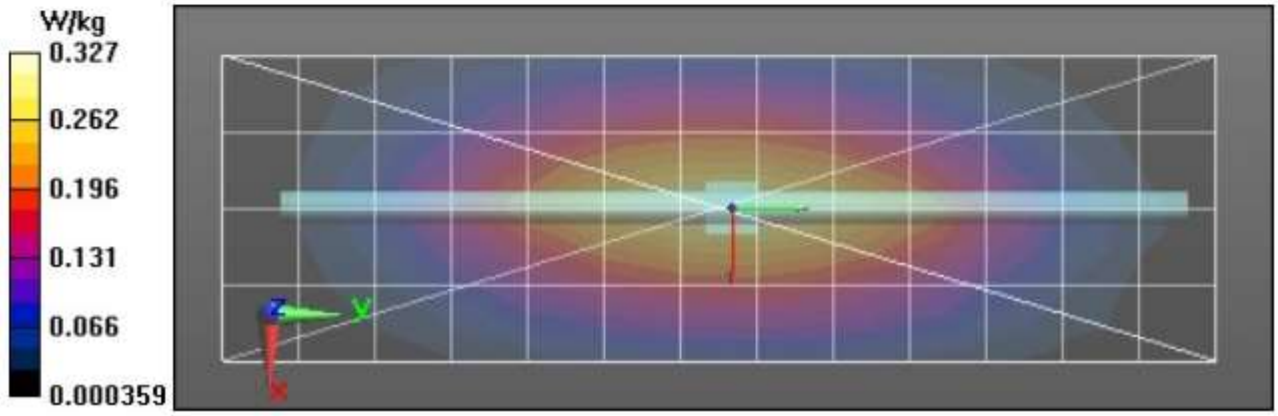
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.55 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.176 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.331 W/kg

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 = 19.55 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.173 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) = 0.332 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.331 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/17/2024 2:35:38 PM

Robot#: DASY5-PG-2 | Run#:	MFR-SYSP-835H-240117-12
Dipole Model#	D835V2
Phantom#:	ELI4 1109
Tissue Temp:	20.6(C)
Serial#:	4d029
Test Freq:	835.0000 (MHz)
Start Power:	31.6(mW)
Rotation (1D):	0.085 dB
Adjusted SAR (1W):	9.05 mW/g (1g)

Comments:
Communication System Band: Dipole 835, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 835 MHz; σ = 0.945 S/m; ε_r = 40.63; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 835 MHz, ConvF(10.21, 10.21, 10.21) @ 835 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

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

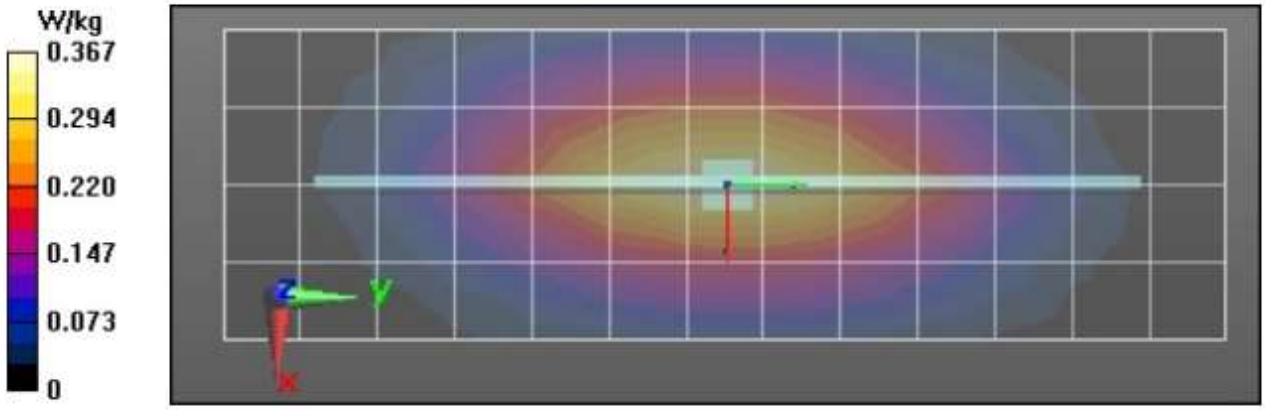
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.50 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.192 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.375 W/kg

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 = 20.50 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.187 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 21.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.3%
Maximum value of SAR (measured) = 0.376 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.376 W/kg



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Date/Time: 1/8/2024 9:27:40 PM

Robot#: DASY5-PG-2 | Run#:	AR(JML)-SYSP-1800B-240108-12
Dipole Model#	D1800V2
Phantom#:	ELI4 1028
Tissue Temp:	20.3 (C)
Serial#:	278
Test Freq:	1800.0000 (MHz)
Start Power:	31.6 (mW)
Rotation (1D):	0.074 dB
Adjusted SAR (1W):	31.6 mW/g (1g)

Comments:

Communication System Band: Dipole 1800, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 1800 MHz; σ = 1.458 S/m; ε_r = 55.549; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 1800 MHz, ConvF(7.98, 7.98, 7.98) @ 1800 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x61x1):

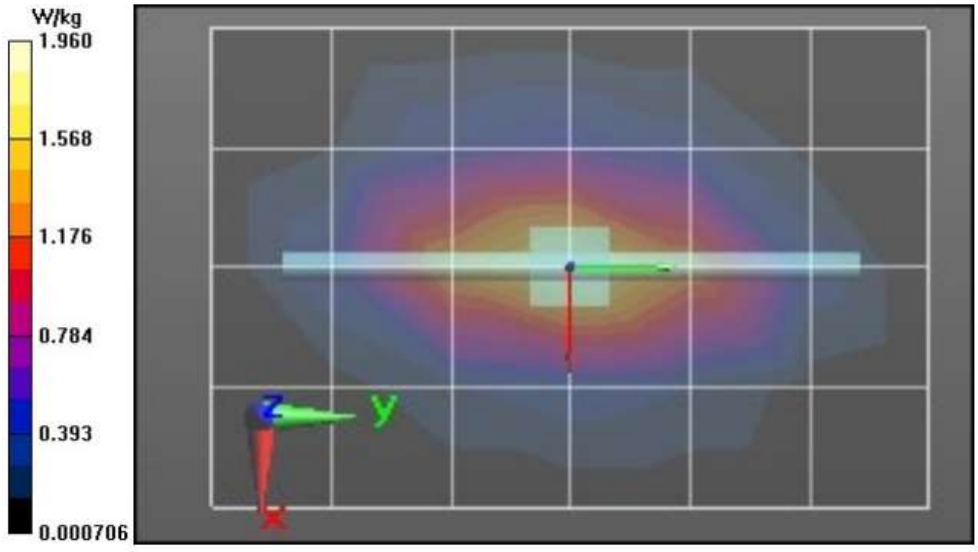
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.34 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.678 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.98 W/kg

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 = 38.34 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.698 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%
Maximum value of SAR (measured) = 1.98 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) = 1.98 W/kg



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Date/Time: 1/18/2024 8:58:08 AM

Robot#: DASY5-PG-2 | Run#:	MFR-SYSP-1800H-240118-04
Dipole Model#	D1800V2
Phantom#:	ELI4 1109
Tissue Temp:	20.6(C)
Serial#:	2d120
Test Freq:	1800.0000 (MHz)
Start Power:	31.6(mW)
Rotation (1D):	0.09 dB
Adjusted SAR (1W):	41.14 mW/g (1g)

Comments:

Communication System Band: Dipole 1800, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 1800 MHz; σ = 1.38 S/m; ε_r = 41.655; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 1800 MHz, ConvF(8.27, 8.27, 8.27) @ 1800 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x71x1):

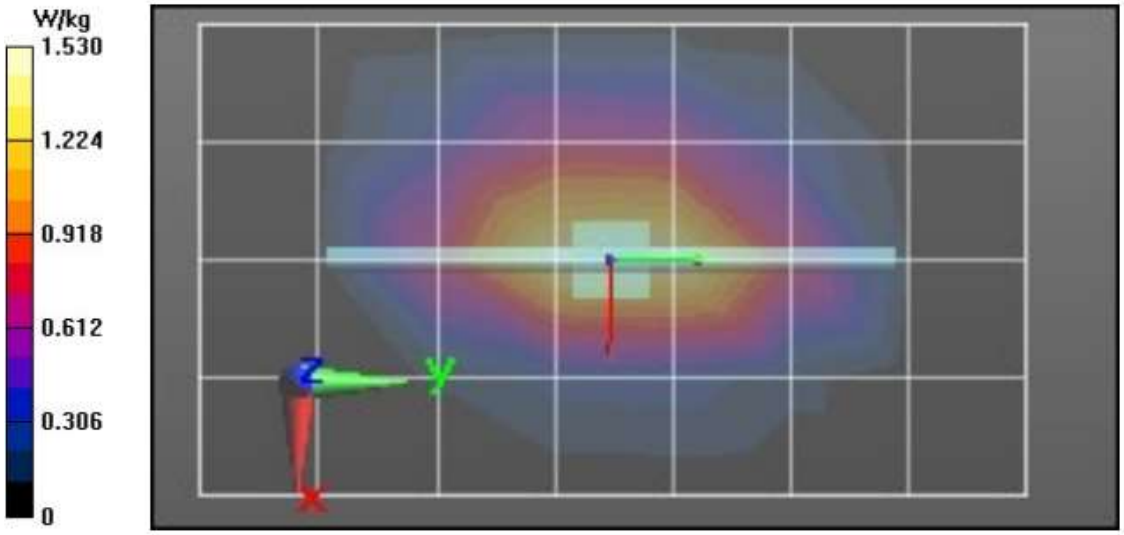
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.69 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.666 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.83 W/kg

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 = 36.69 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.709 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.5 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 1.78 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) = 1.77 W/kg



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Date/Time: 12/27/2023 7:32:43 PM

Robot#: DASY5-PG-2 | Run#:	AR(JML)-SYSP-2450B-231227-11
Dipole Model#	D2450V2
Phantom#:	ELI4 1028
Tissue Temp:	21.8 (C)
Serial#:	703
Test Freq:	2450.0000 (MHz)
Start Power:	31.6 (mW)
Rotation (1D):	0.095 dB
Adjusted SAR (1W):	51.27 mW/g (1g)

Comments:

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

Medium parameters used: f = 2450 MHz; σ = 1.907 S/m; ε_r = 49.06; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2450 MHz, ConvF(7.46, 7.46, 7.46) @ 2450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (31x71x1): Interpolated grid:

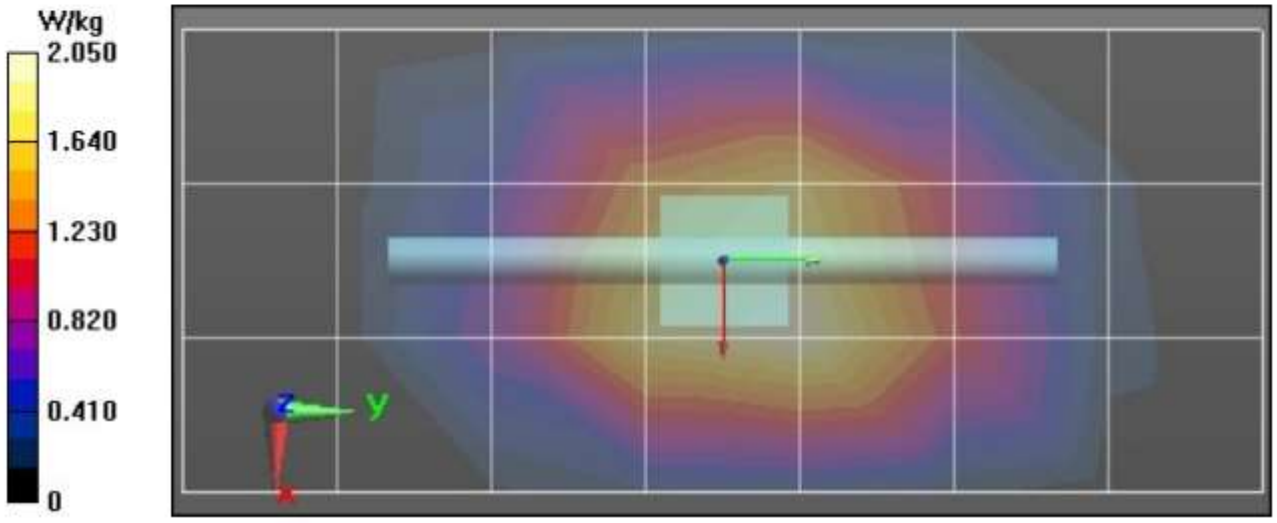
dx=1.200 mm, dy=1.200 mm
Reference Value = 39.92 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 1.68 W/kg; SAR(10 g) = 0.769 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.79 W/kg

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

grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 39.92 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.35 W/kg
SAR(1 g) = 1.62 W/kg; SAR(10 g) = 0.756 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 2.72 W/kg

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

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.75 W/kg



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Date/Time: 12/14/2023 5:50:01 AM

Robot#: DASY5-PG-1 | Run#:	AR-SYSP-2450H-231214-05
Dipole Model#	D2450V2
Phantom#:	ELI4 1022
Tissue Temp:	20.9 (C)
Serial#:	781
Test Freq:	2450.0000 (MHz)
Start Power:	31.6 (mW)
Rotation (1D):	0.069 dB
Adjusted SAR (1W):	56.65 mW/g (1g)

Comments: Probe distance 2mm

Communication System Band: D2450, Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: f = 2450 MHz; σ = 1.82 S/m; ε_r = 40.072; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 2450 MHz, ConvF(7.69, 7.69, 7.69) @ 2450 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x61x1): Interpolated grid:

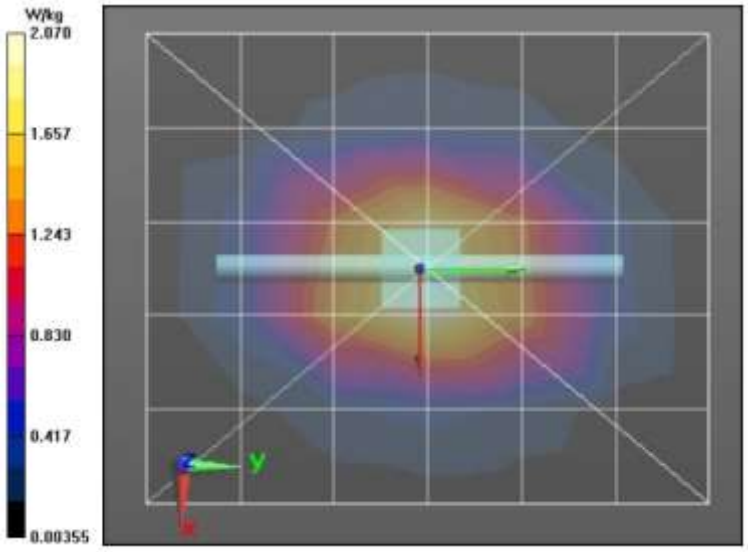
dx=1.200 mm, dy=1.200 mm
Reference Value = 38.58 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 1.8 W/kg; SAR(10 g) = 0.839 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.81 W/kg

2-3 GHz-Rev.3/System Performance Check/0-Degree Cube (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.58 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.878 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 54.4%
Maximum value of SAR (measured) = 2.63 W/kg

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

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.62 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2024 12:46:06 AM

Robot#: DASY5-PG-2 | Run#:	MIN-SYSP-5600B-240127-02@
Dipole Model#	D5GHzV2
Phantom#:	ELI4 1109
Tissue Temp:	20.5 (C)
Serial#:	1022
Test Freq:	5600.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.250 dB
Adjusted SAR (1W):	72.30 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 5600 MHz; σ = 5.236 S/m; ε_r = 43.999; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5600 MHz, ConvF(3.92, 3.92, 3.92) @ 5600 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:

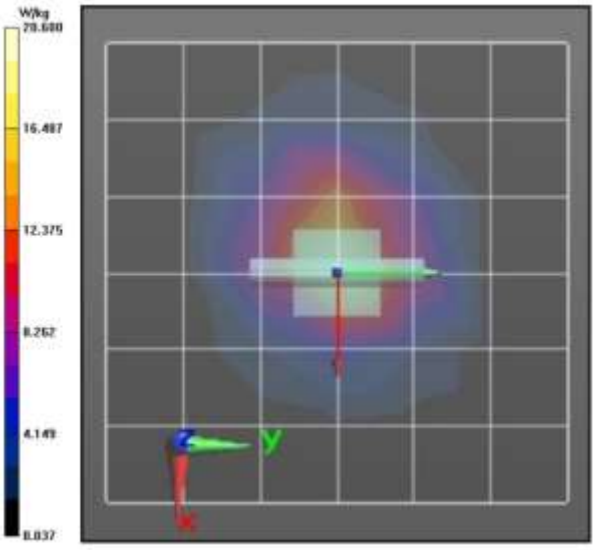
dx=0.9000 mm, dy=0.9000 mm
Reference Value = 76.18 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 8.16 W/kg; SAR(10 g) = 2.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.4 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 76.18 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.9 mm
Ratio of SAR at M2 to SAR at M1 = 52.2%
Maximum value of SAR (measured) = 17.3 W/kg

4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 23.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/20/2024 11:51:23 AM

Robot#: DASY5-PG-2 | Run#:	MFR-SYSP-5750B-240120-04
Dipole Model#	D5GHzV2
Phantom#:	ELI4 1028
Tissue Temp:	20.0(C)
Serial#:	1026
Test Freq:	5750.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.072 dB
Adjusted SAR (1W):	69.40 mW/g (1g)

Comments:

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

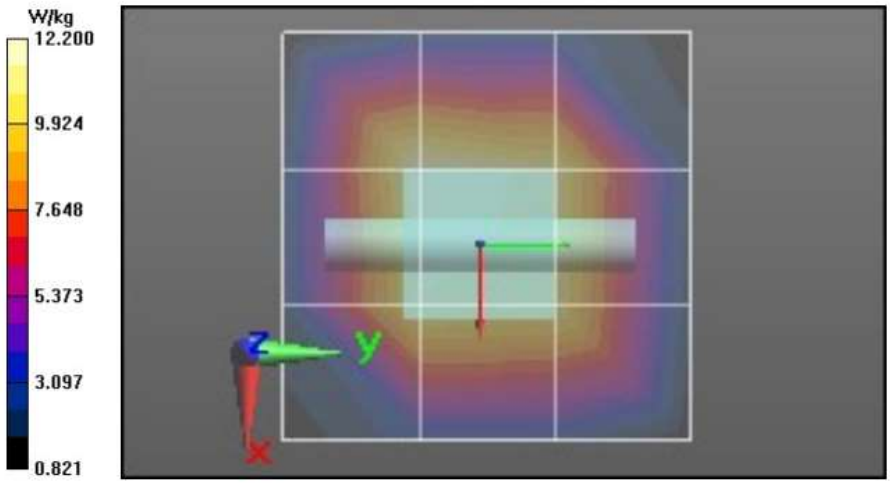
Medium parameters used: f = 5750 MHz; σ = 6.192 S/m; ε_r = 44.09; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5750 MHz, ConvF(4.1, 4.1, 4.1) @ 5750 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (31x31x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 63.33 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 7.46 W/kg; SAR(10 g) = 1.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.0 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 63.33 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 34.8 W/kg
SAR(1 g) = 6.94 W/kg; SAR(10 g) = 1.9 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 48.2%
Maximum value of SAR (measured) = 17.7 W/kg

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



Appendix E

DUT Scans

Assessment at the FCC & ISED Body Configuration for VHF (150.8-173.4 MHz) – Table 17 & 30

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/21/2024 11:08:27 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-240121-12
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 21.6 (C)
Serial#: 437TZP0813
Antenna: PMAD4094A
Test Freq: 160.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7948A w/ PMLN7965A
Audio Acc: None
Start Power: 6.60 (W)

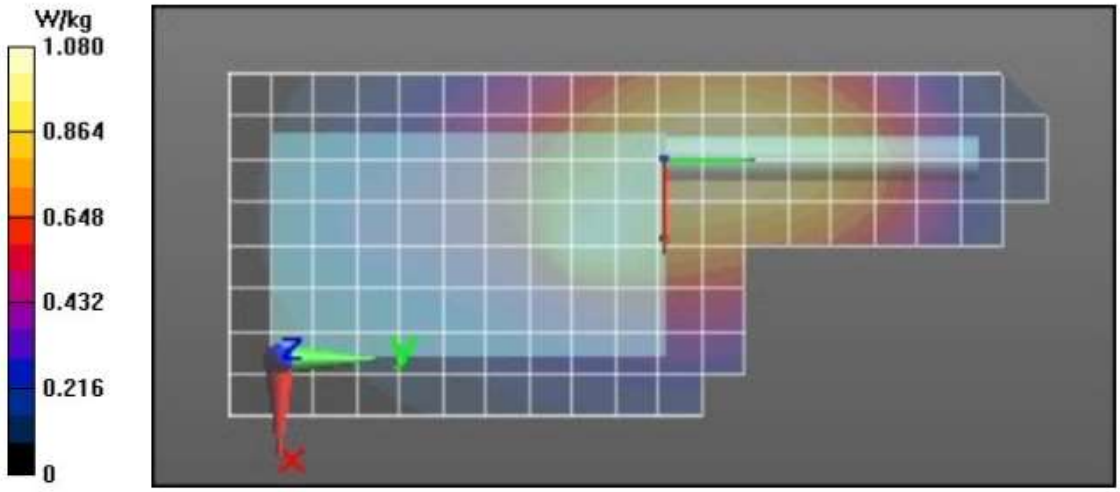
Comments:

Communication System Band: RadioNext VHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 160 MHz; σ = 0.809 S/m; ε_r = 58.902; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 160 MHz, ConvF(12.69, 12.69, 12.69) @ 160 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.88 V/m; Power Drift = -0.48 dB
Fast SAR: SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.727 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.18 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 = 37.88 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.670 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 = 57.1%
Maximum value of SAR (measured) = 1.35 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) = 1.35 W/kg



Assessment at the FCC Face Configuration for VHF (150.8-173.4 MHz) – Table 17

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/22/2024 1:05:30 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-240122-02@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: 437TZP0813
Antenna: PMAD4094A
Test Freq: 155.0000 (MHz)
Battery: NNTN9087A
Carry Acc: @ back
Audio Acc: None
Start Power: 6.60 (W)

Comments:

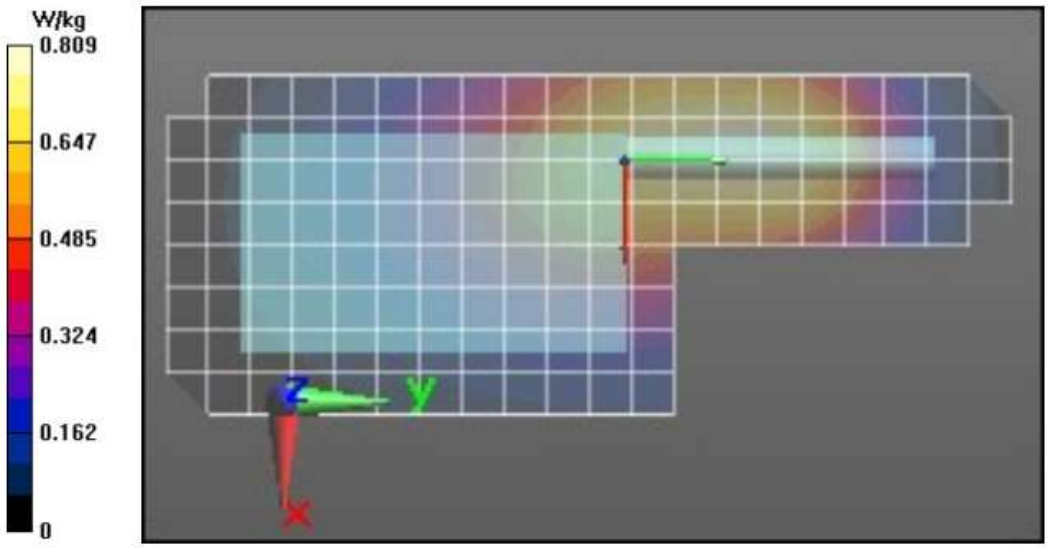
Communication System Band: RadioNext VHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 155 MHz; σ = 0.733 S/m; ε_r = 50.064; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 155 MHz, ConvF(13.07, 13.07, 13.07) @ 155 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 31.82 V/m; Power Drift = 0.12 dB
Fast SAR: SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.552 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.813 W/kg

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (9x28x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.809 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.82 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.988 W/kg
SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.527 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.2%
Maximum value of SAR (measured) = 0.817 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) = 0.804 W/kg



Assessment at the ISED Face Configuration for VHF (138-174 MHz) – Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/22/2024 2:24:55 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-240122-04@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: 437TZP0813
Antenna: PMAD4094A
Test Freq: 160.0000 (MHz)
Battery: NNTN9087A
Carry Acc: @ back
Audio Acc: None
Start Power: 6.60 (W)

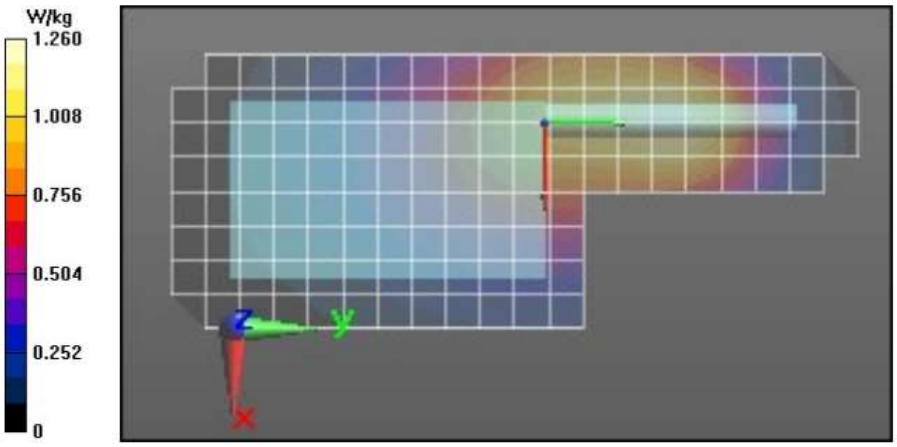
Comments:

Communication System Band: RadioNext VHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 160 MHz; σ = 0.737 S/m; ε_r = 49.832; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 160 MHz, ConvF(13.07, 13.07, 13.07) @ 160 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.64 V/m; Power Drift = -0.62 dB
Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.846 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.28 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.64 V/m; Power Drift = -0.60 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.04 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 = 67.6%
Maximum value of SAR (measured) = 1.26 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) = 1.27 W/kg



Assessment at the FCC & ISED Body Configuration for UHF1 (406.125-470 MHz) - Table 18 & 31

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/24/2024 7:20:23 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-240124-17
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI5 1147
Tissue Temp: 20.8(C)
Serial#: 437TZP0813
Antenna: PMAE4049A
Test Freq: 460.0000(MHz)
Battery: NNTN9087A
Carry Acc: PMLN7947A w/ NTN8266B
Audio Acc: PMMN4123A
Start Power: 5.68 (W)

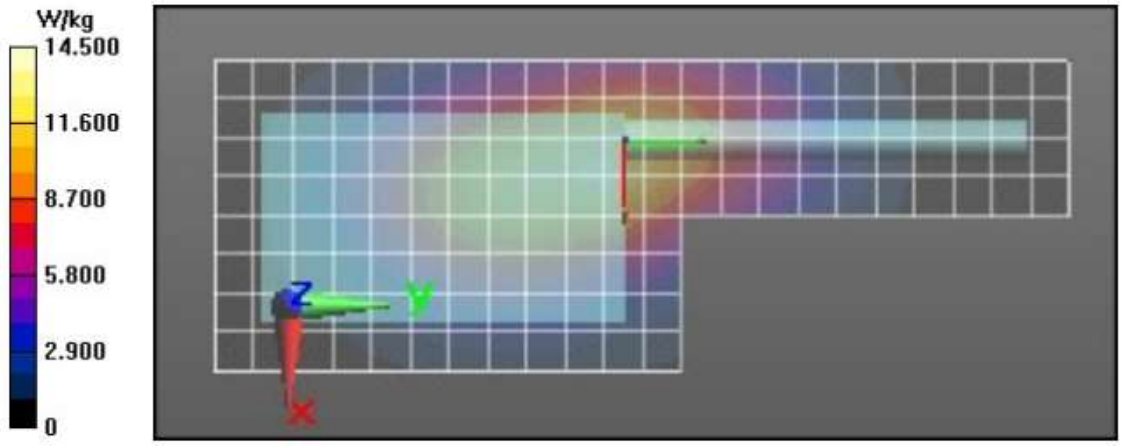
Comments:

Communication System Band: RadioNext UHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 460 MHz; σ = 0.924 S/m; ε_r = 54.845; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, Calibrated: 4/26/2022, Frequency: 460 MHz, ConvF(6.75, 6.75, 6.75) @ 460 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 118.7 V/m; Power Drift = -0.32 dB
Fast SAR: SAR(1 g) = 13 W/kg; SAR(10 g) = 9.28 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 14.6 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 = 118.7 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 12.4 W/kg; SAR(10 g) = 9.02 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 25 mm
Ratio of SAR at M2 to SAR at M1 = 69.8%
Maximum value of SAR (measured) = 14.0 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) = 13.9 W/kg



Assessment at the FCC & ISED Face Configuration for UHF1 (406.125-470 MHz) - Table 18 & Table 24

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/21/2023 11:24:48 PM

Robot#: DASY5-PG-2 | Run#:	MIN-FACE-231221-10
Model#:	H55TGT9PW8AN (PNUW1100E)
Phantom#:	ELI5 1147
Tissue Temp:	21.1 (C)
Serial#:	437TZP0813
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ back
Audio Acc:	None
Start Power:	5.68 (W)

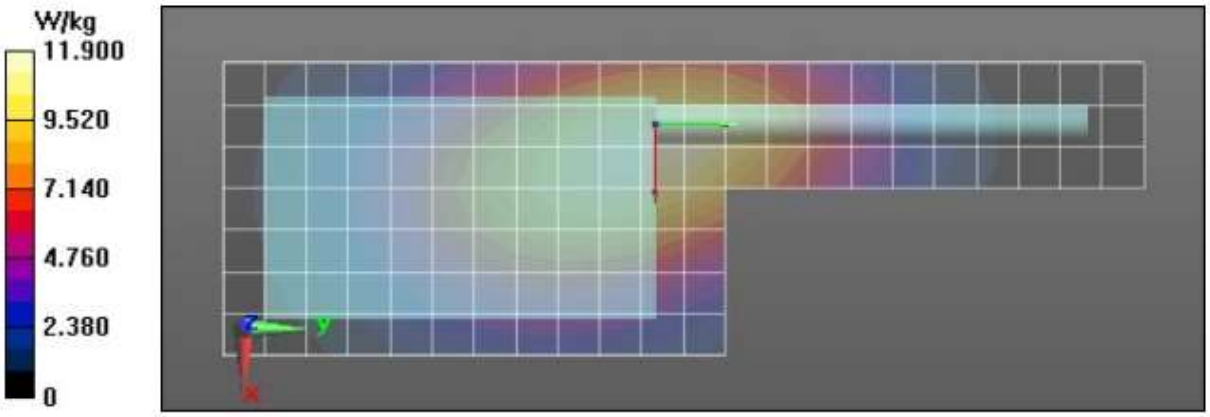
Comments: Using ES probe 3mm

Communication System Band: APX Next UHF, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 470 MHz; σ = 0.956 S/m; ε_r = 54.069; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, Calibrated: 4/26/2022, Frequency: 470 MHz, ConvF(6.75, 6.75, 6.75) @ 470 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 104.3 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.78 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.9 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 = 104.3 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 14.9 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.72 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.8%
Maximum value of SAR (measured) = 11.7 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) = 11.6 W/kg



Assessment at the FCC & ISED Body Configuration for UHF2 (450-512 MHz) - Table 19 & Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/24/2024 1:44:14 PM

Robot#: DASY5-xx-x | Run#:	MIN-AB-240124-12
Model#:	H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#:	ELI5 1147
Tissue Temp:	20.9 (C)
Serial#:	437TZP0924
Antenna:	PMAE4102A
Test Freq:	460.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN8208A w/ RLN6486A w/ RLN6488A
Audio Acc:	PMMN4123A
Start Power:	5.62 (W)

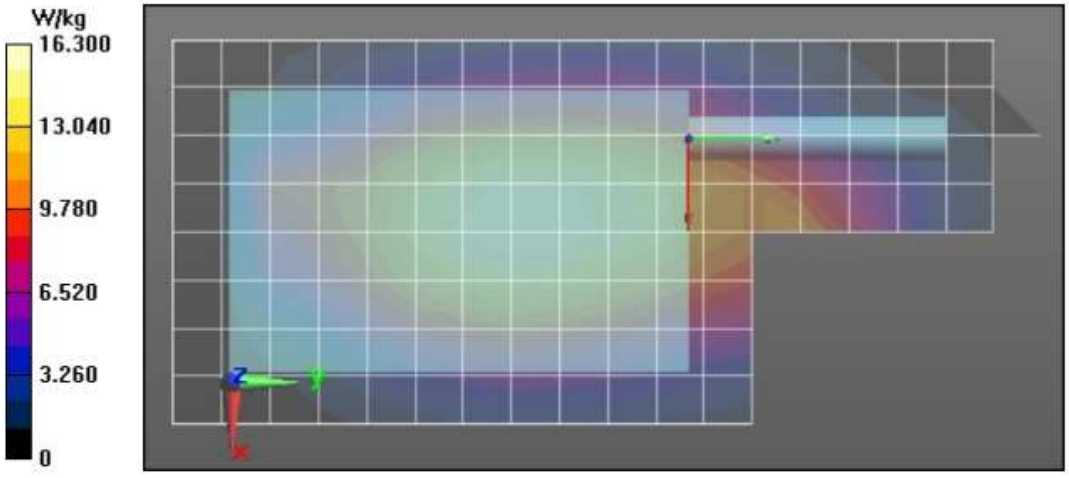
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 460 MHz; σ = 0.924 S/m; ε_r = 54.845; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 460 MHz, ConvF(11.32, 11.32, 11.32) @ 460 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 114.3 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 13.5 W/kg; SAR(10 g) = 9.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 16.5 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 = 114.3 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 9.68 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 = 69.7%
Maximum value of SAR (measured) = 16.2 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) = 16.2 W/kg



Assessment at the FCC Highest Face Configuration for UHF2 (450-512 MHz) - Table 19

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/16/2023 2:04:02 AM

Robot#: DASY5-PG-2 | Run#: AR(JML)-FACE-231216-@02
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1090
Tissue Temp: 21.3 (C)
Serial#: 437TZP0924
Antenna: PMAE4049A
Test Freq: 496.5000 (MHz)
Battery: NNTN9216A
Carry Acc: @ back
Audio Acc: None
Start Power: 5.62 (W)

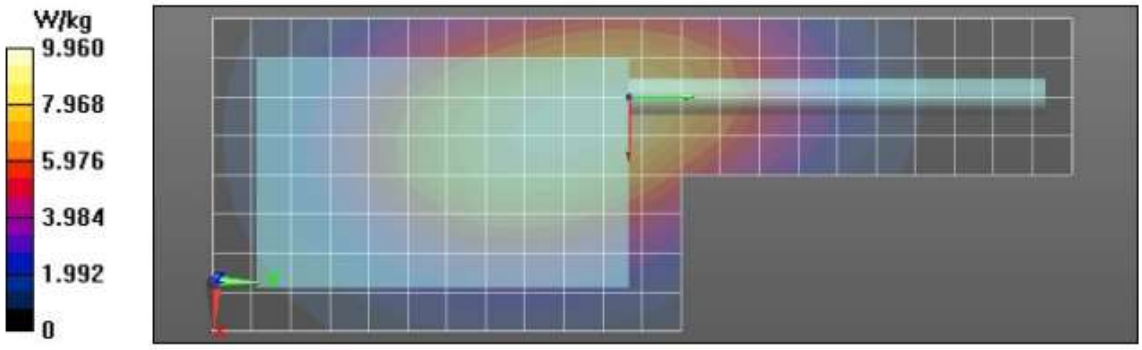
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 496.5 MHz; σ = 0.893 S/m; ε_r = 41.135; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 496.5 MHz, ConvF(10.96, 10.96, 10.96) @ 496.5 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 108.0 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 8.19 W/kg; SAR(10 g) = 6 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.1 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 = 108.0 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 7.91 W/kg; SAR(10 g) = 5.9 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 = 68.9%
Maximum value of SAR (measured) = 10.0 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) = 9.93 W/kg



Assessment at the ISED Highest Face Configuration for UHF2 (450-470 MHz) - Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/16/2023 3:09:04 AM

Robot#: DASY5-PG-2 | Run#: AR(JML)-FACE-231216-@03
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1090
Tissue Temp: 21.3 (C)
Serial#: 437TZP0924
Antenna: PMAE4022B
Test Freq: 450.0000 (MHz)
Battery: NNTN9089B
Carry Acc: @ back
Audio Acc: None
Start Power: 5.70 (W)

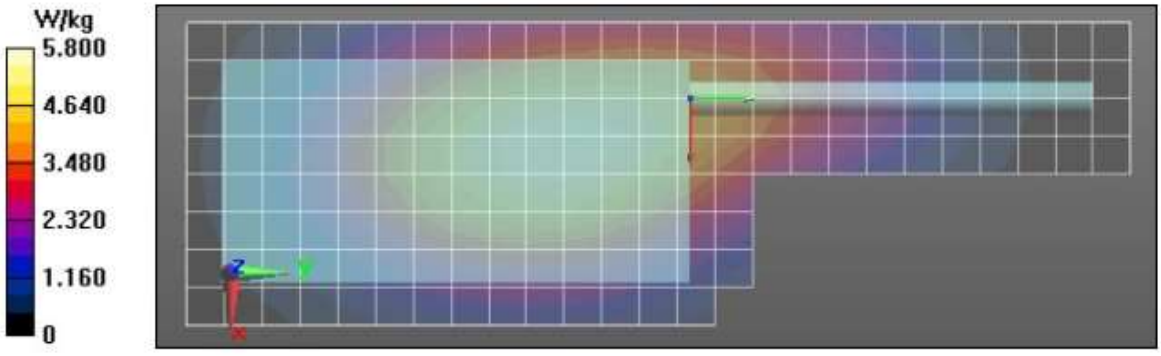
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.852 S/m; ε_r = 42.072; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 450 MHz, ConvF(10.96, 10.96, 10.96) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 79.99 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 4.81 W/kg; SAR(10 g) = 3.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.84 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 = 79.99 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 6.47 W/kg
SAR(1 g) = 4.63 W/kg; SAR(10 g) = 3.5 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 = 71.1%
Maximum value of SAR (measured) = 5.74 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) = 5.73 W/kg



Assessment at the FCC & ISED Body Configuration for 769-775 MHz – Table 20 & Table 33

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/24/2024 9:07:46 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-240224-10@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI5 1147
Tissue Temp: 20.5 (C)
Serial#: 437TZP0813
Antenna: AN000296A01
Test Freq: 774.9125(MHz)
Battery: NNTN9087A
Carry Acc: PMLN7947A w/ PMLN7965A
Audio Acc: PMMN4123A
Start Power: 2.98 (W)

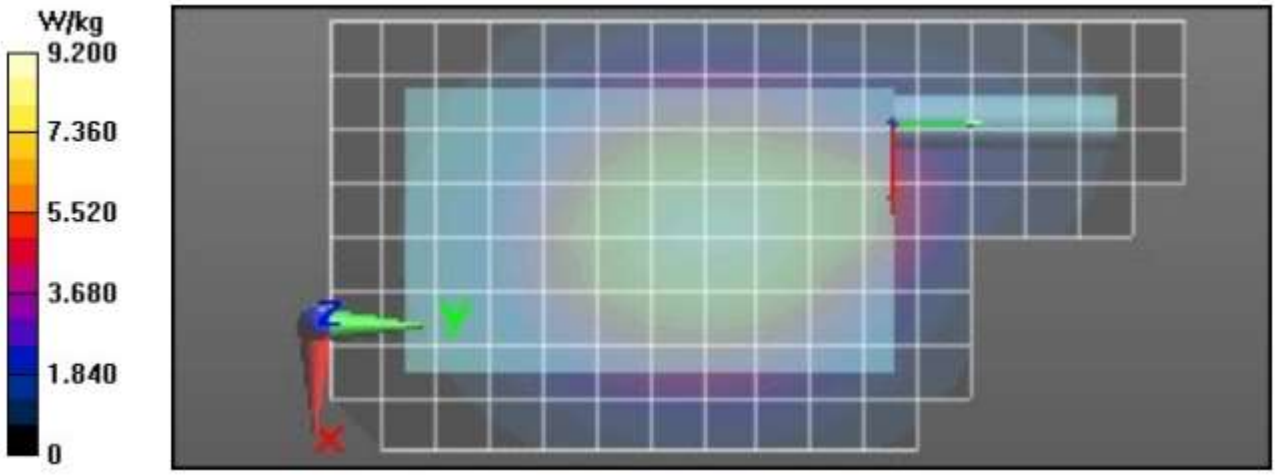
Comments: EX Probe 2mm

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 774.913 MHz; σ = 0.962 S/m; ε_r = 55.557; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 774.913 MHz, ConvF(10.5, 10.5, 10.5) @ 774.913 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 74.34 V/m; Power Drift = -0.62 dB
Fast SAR: SAR(1 g) = 7.67 W/kg; SAR(10 g) = 5.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.25 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 = 74.34 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 9.19 W/kg
SAR(1 g) = 7.28 W/kg; SAR(10 g) = 5.55 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 = 78.5%
Maximum value of SAR (measured) = 8.36 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) = 8.24 W/kg



Assessment at the FCC & ISED Face Configuration for 769-775 MHz - Table 20 & Table 26

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/22/2024 8:29:24 PM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240222-10
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1090
Tissue Temp: 20.9 (C)
Serial#: 437TZP0924
Antenna: NAF5080A
Test Freq: 774.9125 (MHz)
Battery: NNTN9089B
Carry Acc: None 2.5cm @ back
Audio Acc: None
Start Power: 2.98 (W)

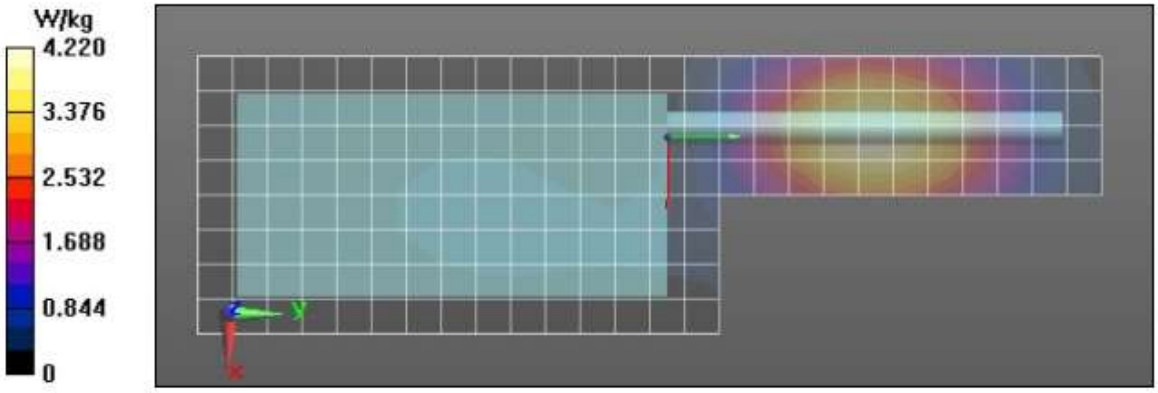
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 774.913 MHz; σ = 0.86 S/m; ε_r = 43.649; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 774.913 MHz, ConvF(10.44, 10.44, 10.44) @ 774.913 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 68.94 V/m; Power Drift = -0.70 dB
Fast SAR: SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.29 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 = 68.94 V/m; Power Drift = -0.87 dB
Peak SAR (extrapolated) = 4.36 W/kg
SAR(1 g) = 3.34 W/kg; SAR(10 g) = 2.46 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 = 73.6%
Maximum value of SAR (measured) = 3.97 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) = 3.90 W/kg



Assessment at the FCC & ISED Body Configuration for 799-824 MHz - Table 21 & Table 27

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/25/2024 9:17:58 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-240225-07
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1109
Tissue Temp: 20.3 (C)
Serial#: 437TZP0924
Antenna: AN000296A01
Test Freq: 808.5000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN8209B w/ RLN6486A w/ RLN6488A
Audio Acc: PMMN4123A
Start Power: 3.54 (W)

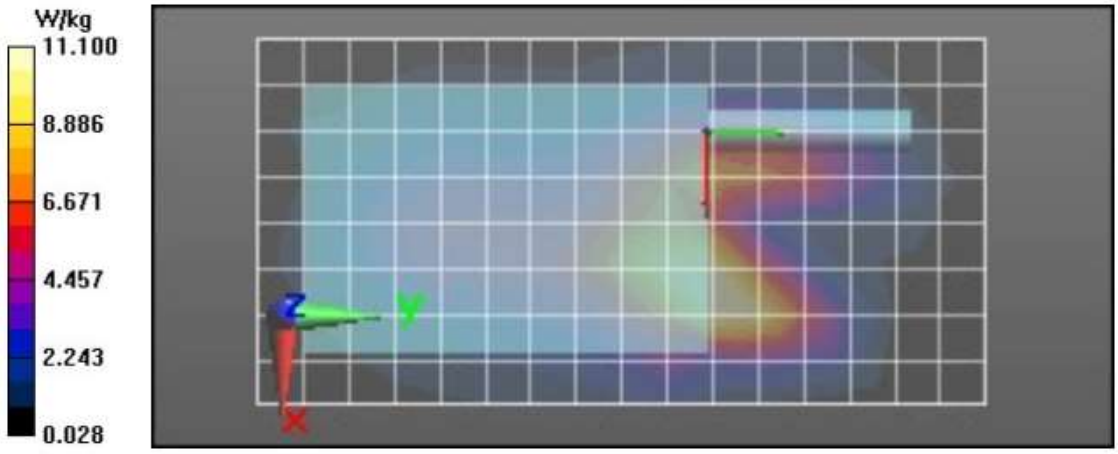
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 808.5 MHz; σ = 1.001 S/m; ε_r = 55.696; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 808.5 MHz, ConvF(10.5, 10.5, 10.5) @ 808.5 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 72.34 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 9.49 W/kg; SAR(10 g) = 6.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.7 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.34 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.39 W/kg; SAR(10 g) = 6.05 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 14.0 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 14.0 W/kg



Assessment at the FCC Face Configuration for 799-824 MHz - Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/18/2024 3:16:11 AM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240118-01@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 21.6 (C)
Serial#: 437TZP0813
Antenna: NAF5080A
Test Freq: 808.5000 (MHz)
Battery: NNTN9089B
Carry Acc: None 2.5cm @ back
Audio Acc: None
Start Power: 3.47 (W)

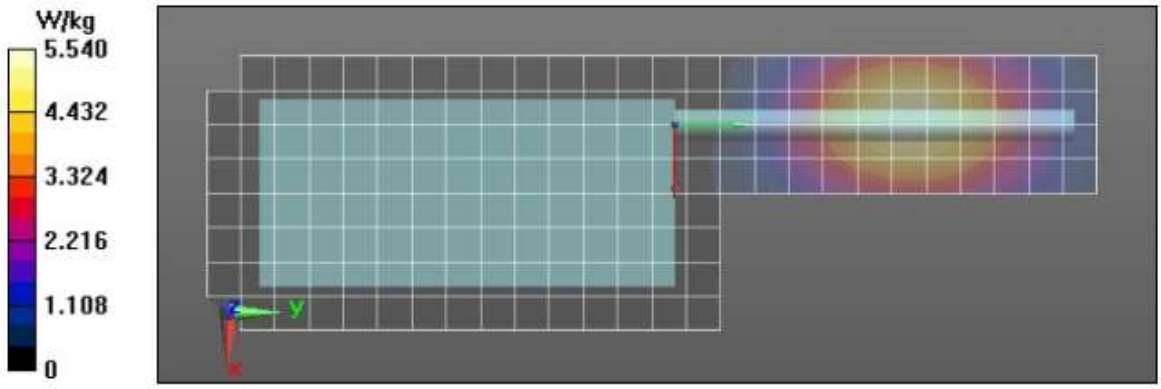
Comments:

Communication System Band: APX Next, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 808.5 MHz; σ = 0.918 S/m; ε_r = 41; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 808.5 MHz, ConvF(10.44, 10.44, 10.44) @ 808.5 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 78.92 V/m; Power Drift = -0.37 dB
Fast SAR: SAR(1 g) = 4.64 W/kg; SAR(10 g) = 3.24 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.64 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 = 78.92 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 6.13 W/kg
SAR(1 g) = 4.62 W/kg; SAR(10 g) = 3.36 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 = 74.5%
Maximum value of SAR (measured) = 5.47 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) = 5.44 W/kg



Assessment at the ISED Face Configuration for 798-824 MHz - Table 27

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/17/2023 4:02:51 AM

Robot#: DASY5-PG-1 | Run#:	AR-FACE-231217-05
Model#:	H55TGT9PW8AN (PNUW1100E)
Phantom#:	ELI45 1147
Tissue Temp:	20.9 (C)
Serial#:	437TZP0813
Antenna:	NAF5080A
Test Freq:	823.9875 (MHz)
Battery:	NNTN9089B
Carry Acc:	None 2.5cm @ back
Audio Acc:	None
Start Power:	3.46 (W)

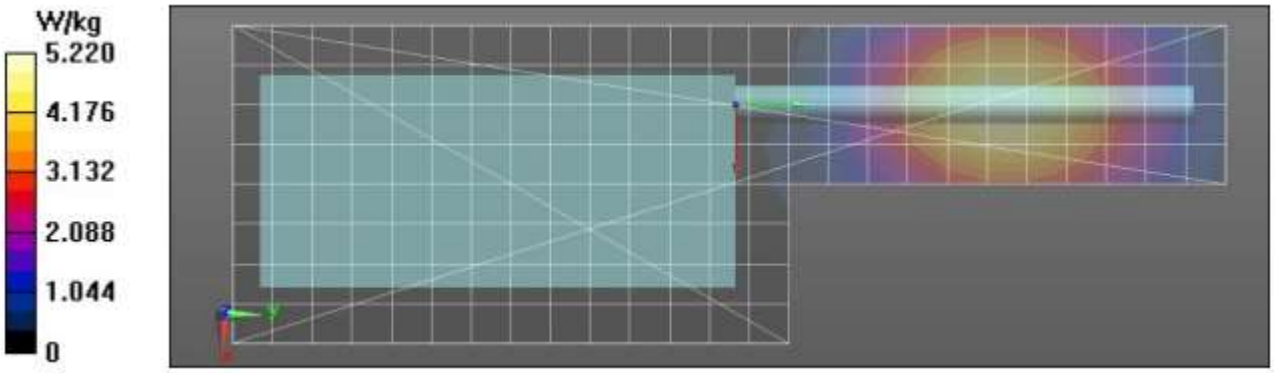
Comments: probe distance 2mm

Communication System Band: APX NEXT, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 823.987 MHz; σ = 0.926 S/m; ε_r = 39.938; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 823.987 MHz, ConvF(10.15, 10.15, 10.15) @ 823.987 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 75.68 V/m; Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 4.34 W/kg; SAR(10 g) = 3.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.28 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 = 75.68 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 5.74 W/kg
SAR(1 g) = 4.42 W/kg; SAR(10 g) = 3.24 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 = 75.9%
Maximum value of SAR (measured) = 5.19 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) = 5.16 W/kg



Assessment at the FCC Body Configuration for 851-869 MHz - Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/13/2023 3:34:34 AM

Robot#: DASY5-PG-2 | Run#: MIN-AB-231213-03
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI5 1147
Tissue Temp: 21.3 (C)
Serial#: 437TZP0924
Antenna: AN000296A01
Test Freq: 851.0125 (MHz)
Battery: NNTN9216A
Carry Acc: PMLN8209B w/ RLN6486A w/ RLN6488A
Audio Acc: PMMN4123A
Start Power: 3.56 (W)

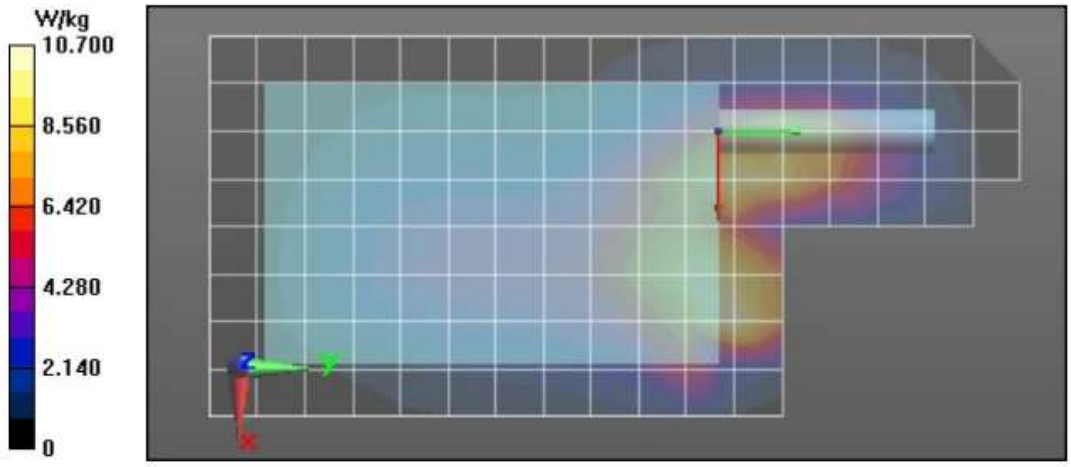
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 851.013 MHz; σ = 1.025 S/m; ε_r = 52.799; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 851.013 MHz, ConvF(10.14, 10.14, 10.14) @ 851.013 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 98.06 V/m; Power Drift = -0.64 dB
Fast SAR: SAR(1 g) = 8.78 W/kg; SAR(10 g) = 5.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.1 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 = 98.06 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 13.9 W/kg
SAR(1 g) = 8.41 W/kg; SAR(10 g) = 5.46 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 = 60.9%
Maximum value of SAR (measured) = 11.8 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) = 11.1 W/kg



Assessment at the ISED Body Configuration for 851-869 MHz - Table 35

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/7/2024 8:57:12 AM

Robot#: DASY5-PG-2 | Run#:	MFR-AB-240107-09@
Model#:	H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#:	ELI4 1028
Tissue Temp:	20.7 (C)
Serial#:	437TZP0924
Antenna:	AN000296A01
Test Freq:	868.9875(MHz)
Battery:	NNTN9216A
Carry Acc:	PMLN8209B w/ RLN6486A w/ RLN6488A
Audio Acc:	PMMN4123A
Start Power:	3.59 (W)

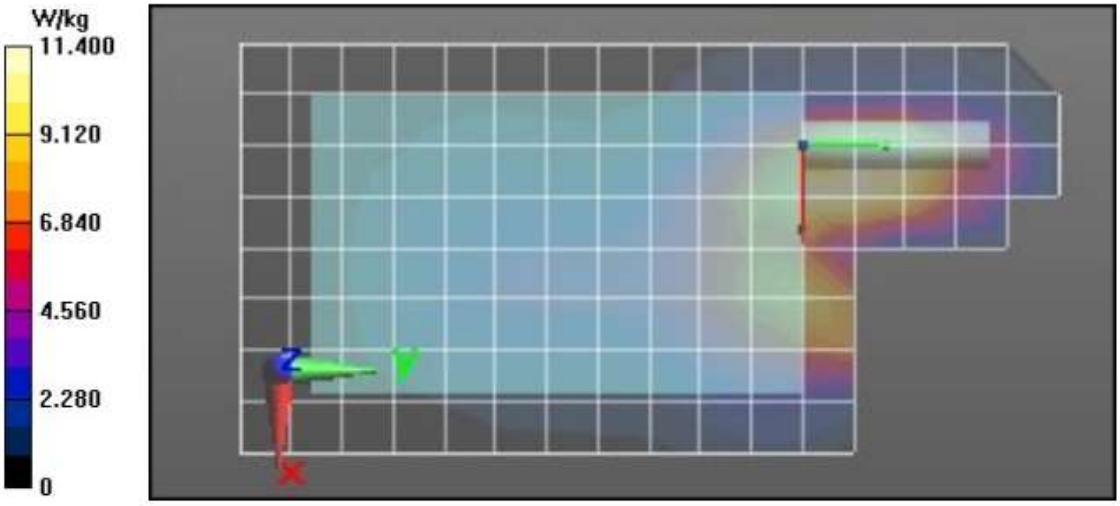
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 868.987 MHz; σ = 0.974 S/m; ε_r = 52.823; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 868.987 MHz, ConvF(10.1, 10.1, 10.1) @ 868.987 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 110.2 V/m; Power Drift = 0.09 dB
Fast SAR: SAR(1 g) = 11 W/kg; SAR(10 g) = 6.82 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 15.2 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 = 110.2 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 10.9 W/kg; SAR(10 g) = 6.83 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 = 63.8%
Maximum value of SAR (measured) = 14.7 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) = 14.9 W/kg



Assessment at the FCC Face Configuration for 851-869 MHz - Table 22

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/21/2024 11:34:37 AM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240121-02
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 21.1 (C)
Serial#: 437TZP0813
Antenna: NAF5080A
Test Freq: 868.9875 (MHz)
Battery: NNTN9087A
Carry Acc: None 2.5cm @ back
Audio Acc: None
Start Power: 3.46 (W)

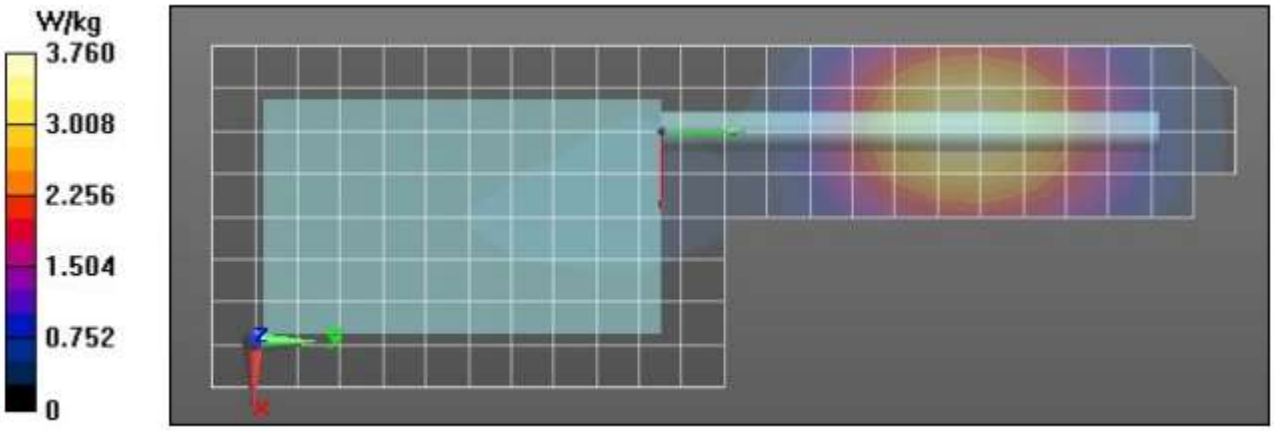
Comments:

Communication System Band: APX Next, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 868.988 MHz; σ = 0.977 S/m; ε_r = 40.259; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 868.987 MHz, ConvF(9.81, 9.81, 9.81) @ 868.987 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 65.72 V/m; Power Drift = -0.65 dB
Fast SAR: SAR(1 g) = 3.11 W/kg; SAR(10 g) = 2.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.79 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 = 65.72 V/m; Power Drift = -0.73 dB
Peak SAR (extrapolated) = 4.17 W/kg
SAR(1 g) = 3.05 W/kg; SAR(10 g) = 2.18 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 = 72.5%
Maximum value of SAR (measured) = 3.67 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) = 3.62 W/kg



Assessment at the ISED Face Configuration for 851-869 MHz - Table 35

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/18/2024 4:16:34 AM

Robot#: DASY5-PG-2 | Run#: MIN-FACE-240118-02@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 21.2 (C)
Serial#: 437TZP0813
Antenna: NAF5080A
Test Freq: 851.0125 (MHz)
Battery: NNTN9087A
Carry Acc: None 2.5cm @ back
Audio Acc: None
Start Power: 3.46 (W)

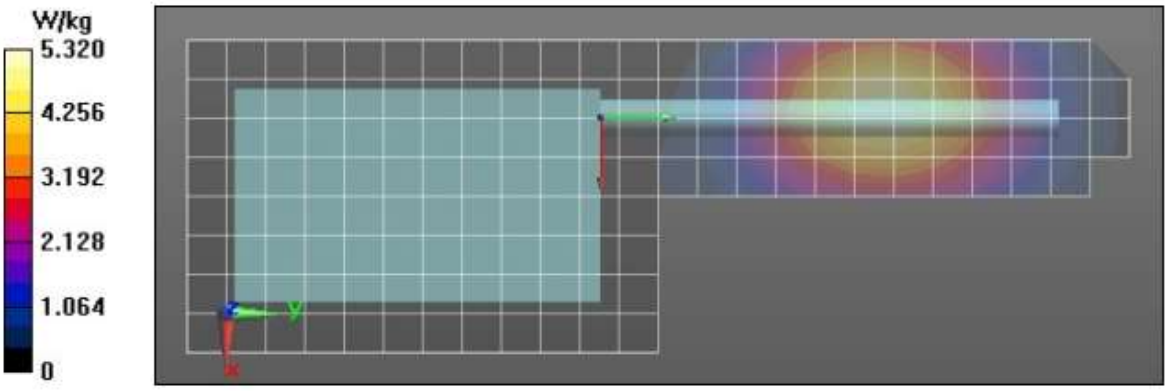
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 851.013 MHz; σ = 0.959 S/m; ε_r = 40.416; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 851.013 MHz, ConvF(10.21, 10.21, 10.21) @ 851.013 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 75.34 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 4.44 W/kg; SAR(10 g) = 3.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.41 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 = 75.34 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 6.03 W/kg
SAR(1 g) = 4.49 W/kg; SAR(10 g) = 3.22 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 = 73.6%
Maximum value of SAR (measured) = 5.37 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) = 5.37 W/kg



Assessment at the FCC & ISED Body Configuration for LTE B2 (1850-1910MHz) - Table 36

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/23/2023 12:35:31 PM

Robot#: DASY5-PG-2 | Run#: AR(JML)-AB-231223-02
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1109
Tissue Temp: 21.7 (C)
Serial#: 437TZP0935
Antenna: AN000304A01
Test Freq: 1880.0000 (MHz)
Battery: NNTN9089B
Carry Acc: PMLN8208A w/ NTN8266B
Audio Acc: None
Start Power: 0.19 (W)

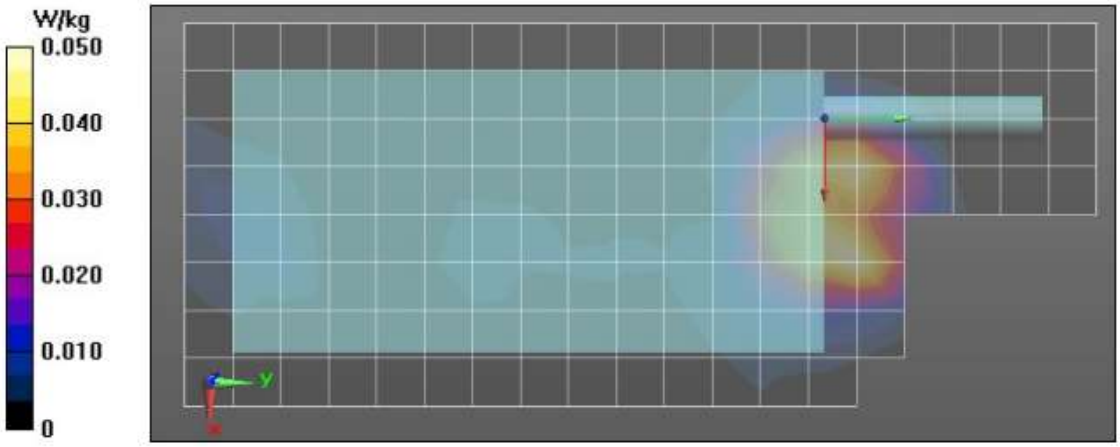
Comments: bandwidth (20MHz), QPSK with 50% RB

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz), Communication System UID: 10297 - AAD, Duty Cycle: 1:3.80978,
Medium parameters used: f = 1880 MHz; σ = 1.525 S/m; ε_r = 51.518; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 1880 MHz, ConvF(7.77, 7.77, 7.77) @ 1880 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.112 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.022 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0604 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 = 5.112 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0630 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 56.9%
Maximum value of SAR (measured) = 0.0544 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) = 0.0525 W/kg



Assessment at the FCC & ISED Face Configuration for LTE B2 (1850-1910MHz)- Table 36

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/14/2023 2:07:35 AM

Robot#: DASY5-PG-2 | Run#:	AR-FACE-231314-02
Model#:	H55TGT9PW8AN (PNUW1100E)
Phantom#:	ELI4 1022
Tissue Temp:	20.9 (C)
Serial#:	437TZP0828
Antenna:	AN000304A01
Test Freq:	1860.0000 (MHz)
Battery:	NNTN9089B
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.1521 (W)

Comments: Bandwidth (20MHz), QPSK with 50% RB, Offset High

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz), Communication System UID: 10297 - AAD, Duty Cycle: 1:3.81066,

Medium parameters used: f = 1860 MHz; σ = 1.382 S/m; ε_r = 41.358; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 1860 MHz, ConvF(8.37, 8.37, 8.37) @ 1860 MHz

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

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 12.41 V/m; Power Drift = -0.25 dB

Fast SAR: SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.122 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.268 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 = 12.41 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.139 W/kg (SAR corrected for target medium)

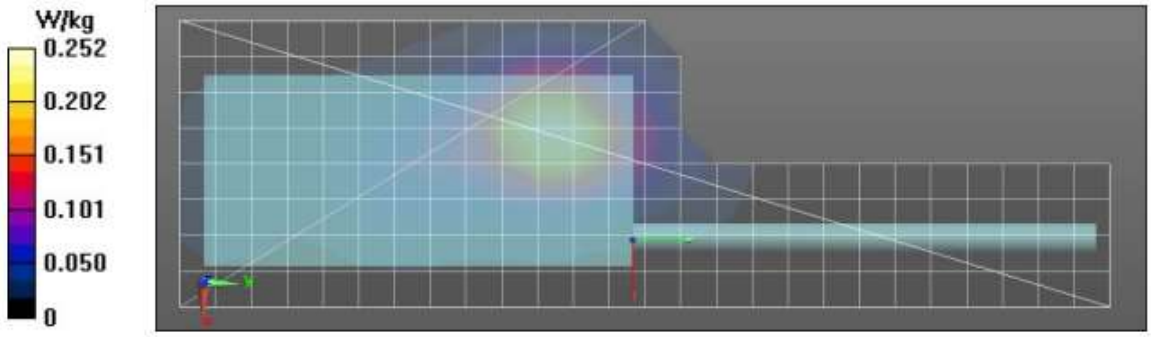
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.2%

Maximum value of SAR (measured) = 0.265 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) = 0.265 W/kg



Assessment at the FCC & ISED Body Configuration for LTE B4 (1850-1910MHz)- Table 43

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/9/2024 5:40:01 PM

Robot#: DASY5-PG-2 | Run#: MIN-AB-240109-11@
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1028
Tissue Temp: 21.5 (C)
Serial#: 437TZP0935
Antenna: AN000304A01
Test Freq: 1720.0000 (MHz)
Battery: NNTN9089B
Carry Acc: PMLN8208A w/ NTN8266B
Audio Acc: None
Start Power: 0.2018 (W)

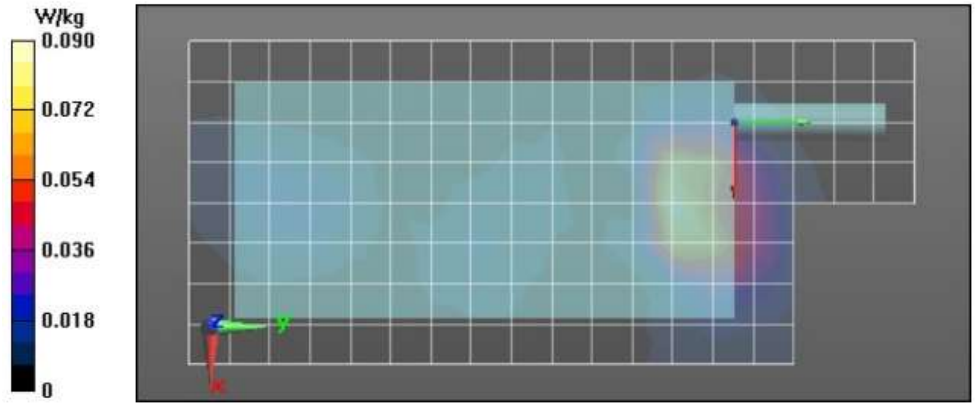
Comments: 1 RB, 20MHz, Offset: Low

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz), Communication System UID: 10169 - CAE, Duty Cycle: 1:3.73852,
Medium parameters used: f = 1720 MHz; σ = 1.402 S/m; ε_r = 55.651; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 1720 MHz, ConvF(7.98, 7.98, 7.98) @ 1720 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.609 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.039 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.112 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 = 8.609 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.039 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 28.3%
Maximum value of SAR (measured) = 0.150 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) = 0.116 W/kg



Assessment at the FCC & ISED Face Configuration for LTE B4 (1850-1910MHz)- Table 37

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/14/2023 2:48:51 AM

Robot#: DASY5-PG-2 | Run#: AR-FACE-231314-03
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1022
Tissue Temp: 20.9 (C)
Serial#: 437TZP0828
Antenna: AN000304A01
Test Freq: 1745.0000 (MHz)
Battery: NNTN9087A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.201 (W)

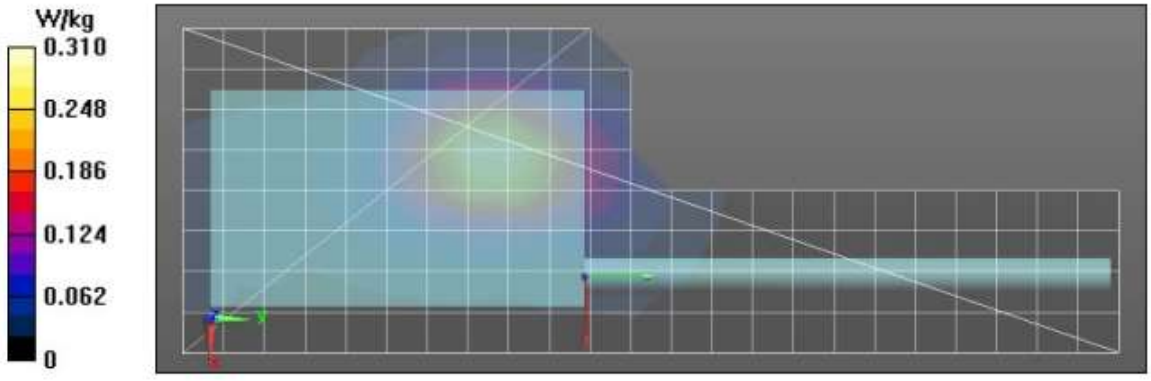
Comments: Bandwidth (20MHz), QPSK with 1 RB

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz), Communication System UID: 10169 - CAE, Duty Cycle: 1:3.73852,
Medium parameters used: f = 1745 MHz; σ = 1.312 S/m; ε_r = 41.54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 1745 MHz, ConvF(8.58, 8.58, 8.58) @ 1745 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.05 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.154 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.331 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.05 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.179 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 = 69.8%
Maximum value of SAR (measured) = 0.335 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) = 0.329 W/kg



Assessment at the FCC & ISED Body Configuration for LTE B5 (824-949 MHz)- Table 38

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/22/2024 4:22:01 AM

Robot#: DASY5-PG-2 | Run#:	MFR-AB-240122-06
Model#:	H55TGT9PW8AN (PNUW1100E)
Phantom#:	ELI4 1022
Tissue Temp:	21.6 (C)
Serial#:	437TZP0836
Antenna:	AN000304A01
Test Freq:	844.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	0.1449(W)

Comments:

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.76184,

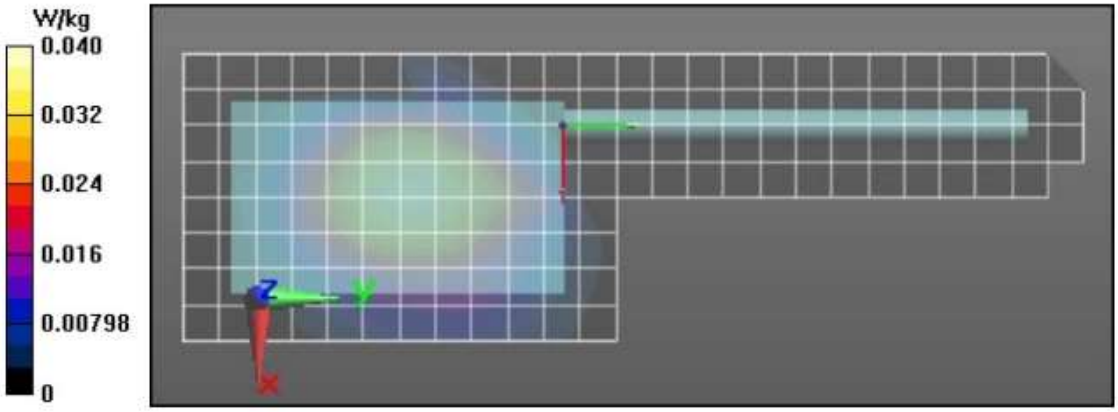
Medium parameters used: f = 844 MHz; σ = 1.023 S/m; ε_r = 52.851; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 844 MHz, ConvF(10.14, 10.14, 10.14) @ 844 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.135 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.023 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0462 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 = 6.135 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.024 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) = 0.0392 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) = 0.0390 W/kg



Assessment at the FCC & ISED Face Configuration for LTE B5 (824-849 MHz)- Table 38

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/12/2023 1:58:15 PM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-231212-03@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 21.5 (C)
Serial#: 437TZP0840
Antenna: AN000304A01
Test Freq: 836.5000 (MHz)
Battery: NNTN9087A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.187 (W)

Comments: 1RB, 10MHz, Offset: High

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.73594,

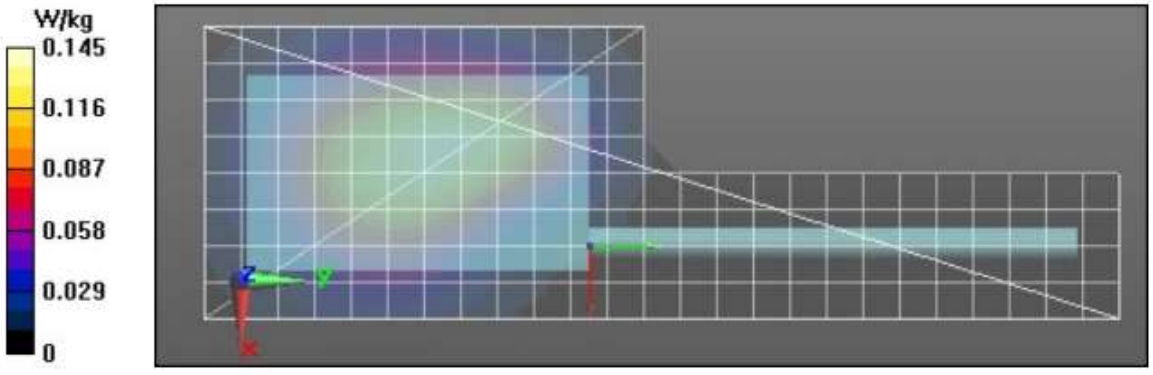
Medium parameters used: f = 836.5 MHz; σ = 0.936 S/m; ε_r = 39.859; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 836.5 MHz, ConvF(10.15, 10.15, 10.15) @ 836.5 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.42 V/m; Power Drift = -0.32 dB
Fast SAR: SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.085 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.150 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.42 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.092 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 26.7 mm
Ratio of SAR at M2 to SAR at M1 = 74.8%
Maximum value of SAR (measured) = 0.151 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) = 0.151 W/kg



Assessment at the FCC & ISED Body Configuration for LTE 12 (699-716 MHz)- Table 39

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/25/2023 12:12:44 PM

Robot#: DASY5-PG-2 | Run#: MFR-AB-231225-06@
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1109
Tissue Temp: 22.2 (C)
Serial#: 437TZP0935
Antenna: AN000304A01
Test Freq: 704.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN8209B w/ RLN6486A w/ RLN6488A
Audio Acc: None
Start Power: 0.187(W)

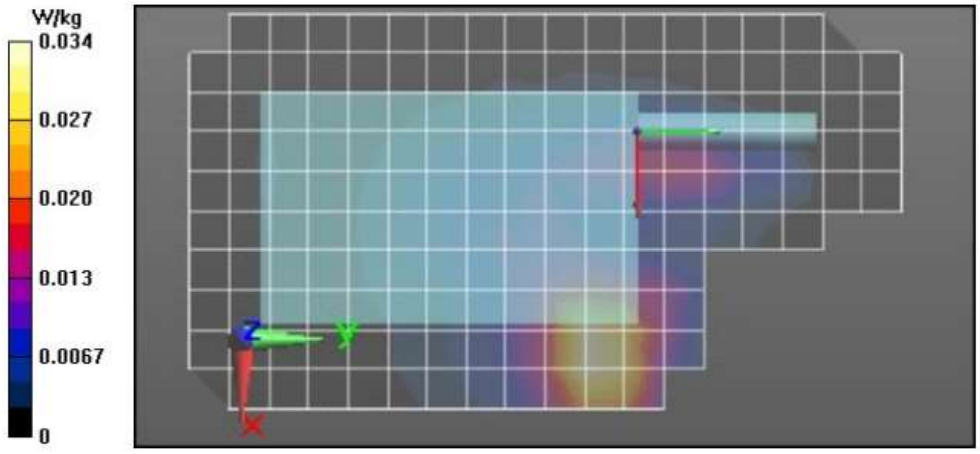
Comments: 1 RB, 10MHz, Offset: Low

Communication System Band: Band 12, E-UTRA/FDD (699.0 - 716.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.73594,
Medium parameters used: f = 704 MHz; σ = 0.913 S/m; ε_r = 53.656; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 704 MHz, ConvF(10.5, 10.5, 10.5) @ 704 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (101x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.179 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0371 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.179 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.018 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 = 63.4%
Maximum value of SAR (measured) = 0.0366 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) = 0.0372 W/kg



Assessment at the FCC & ISED Face Configuration for LTE B12 (699-716 MHz)- Table 39

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/19/2023 3:02:49 AM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-231219-04@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1022
Tissue Temp: 22.3 (C)
Serial#: 437TZP0828
Antenna: AN000304A01
Test Freq: 704.0000 (MHz)
Battery: NNTN9087A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.149 (W)

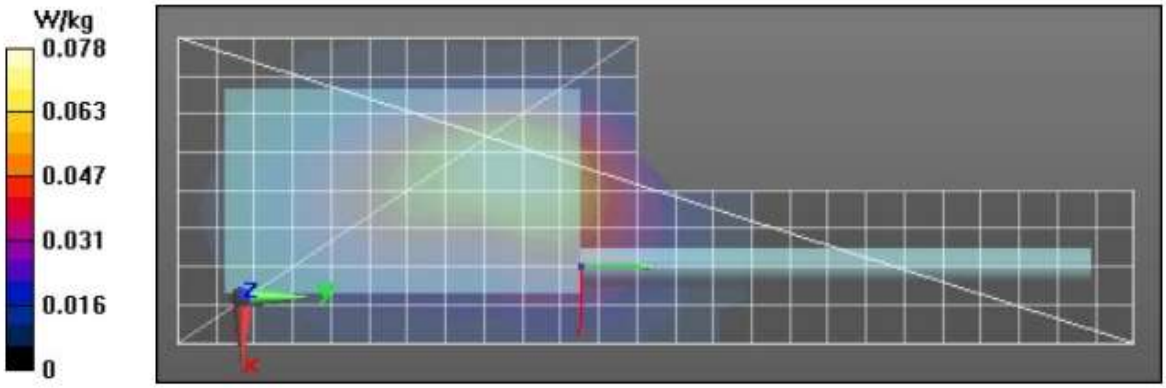
Comments: 50RB, 10MHz, Offset: Low

Communication System Band: Band 12, E-UTRA/FDD (699.0 - 716.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.76184,
Medium parameters used: f = 704 MHz; σ = 0.857 S/m; ε_r = 43.992; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 704 MHz, ConvF(10.44, 10.44, 10.44) @ 704 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.308 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.050 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0861 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 = 7.308 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 0.0980 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.054 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 = 74.9%
Maximum value of SAR (measured) = 0.0871 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) = 0.0867 W/kg



Assessment at the FCC & ISED Body Configuration for LTE B13 (777-787 MHz)- Table 40

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/25/2023 1:58:09 AM

Robot#: DASY5-PG-2 | Run#: MIN-AB-231225-02@
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1109
Tissue Temp: 22.1 (C)
Serial#: 437TZP0935
Antenna: AN000304A01
Test Freq: 782.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN8209A w/ RLN6486A w/ RLN6488A
Audio Acc: None
Start Power: 0.152(W)

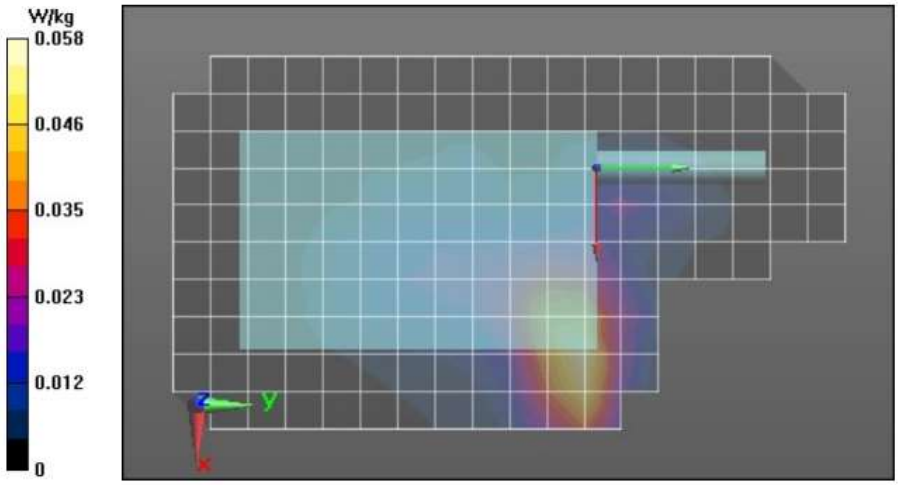
Comments: 50% RB, 10MHz, Offset: Low

Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.76184,
Medium parameters used: f = 782 MHz; σ = 0.94 S/m; ε_r = 53.428; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 782 MHz, ConvF(10.5, 10.5, 10.5) @ 782 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (101x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.979 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0601 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 = 5.979 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.0780 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 58.2%
Maximum value of SAR (measured) = 0.0664 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) = 0.0673 W/kg



Assessment at the FCC & ISED Face Configuration for LTE B13 (777-787 MHz)- Table 40

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/12/2023 9:04:30 AM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-231212-02@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 23.1 (C)
Serial#: 437TZP0828
Antenna: AN000304A01
Test Freq: 782.0000 (MHz)
Battery: NNTN9087A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.1517 (W)

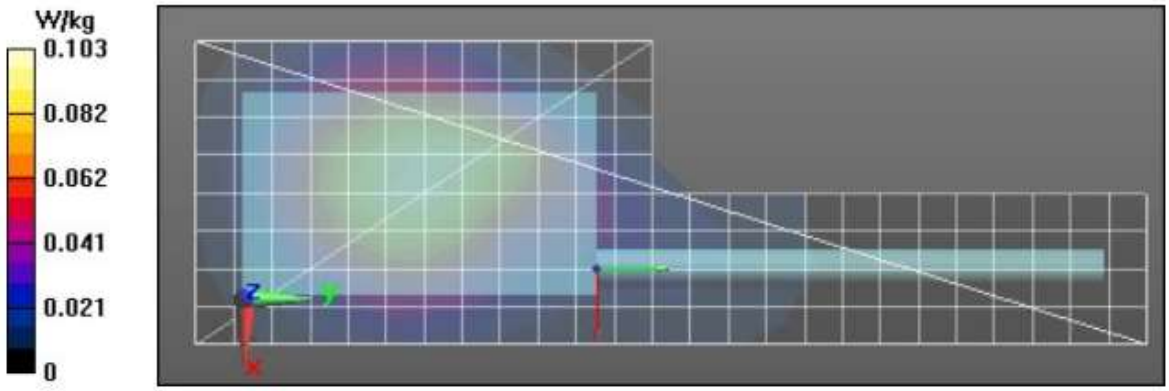
Comments: 50RB, 10MHz, Offset: Low

Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.76184,
Medium parameters used: f = 782 MHz; σ = 0.883 S/m; ε_r = 40.577; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 782 MHz, ConvF(10.44, 10.44, 10.44) @ 782 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.539 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.106 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 = 8.539 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.068 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) = 0.107 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) = 0.106 W/kg



Assessment at the FCC & ISED Body Configuration for LTE B14 (788-798 MHz)- Table 41

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/25/2023 12:39:42 AM

Robot#: DASY5-PG-2 | Run#: MIN-AB-231225-01@
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1109
Tissue Temp: 22.2 (C)
Serial#: 437TZP0935
Antenna: AN000304A01
Test Freq: 793.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN8209A w/ RLN6486A w/ RLN6488A
Audio Acc: None
Start Power: 0.1919 (W)

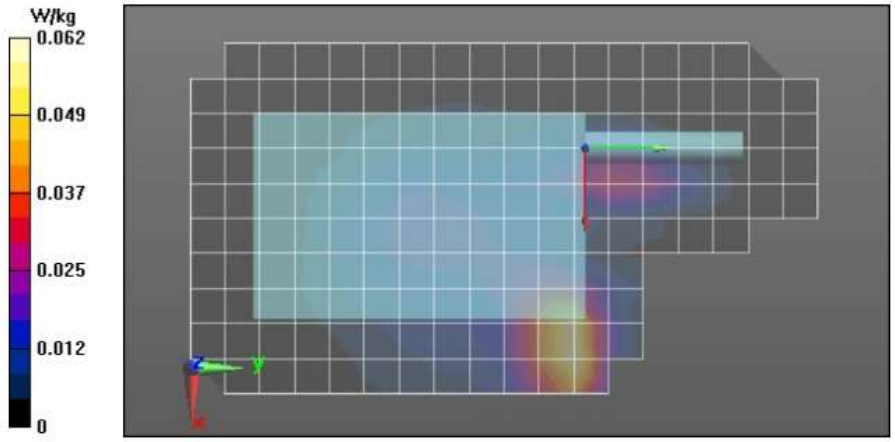
Comments: 1 RB, 10MHz, Offset: Low

Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.73594,
Medium parameters used: f = 793 MHz; σ = 0.943 S/m; ε_r = 53.453; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 793 MHz, ConvF(10.5, 10.5, 10.5) @ 793 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (101x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.063 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.032 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0672 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 = 5.063 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 0.0707 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) = 0.0707 W/kg



Assessment at the FCC & ISED Face Configuration for LTE B14 (788-798MHz)- Table 41

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/12/2023 2:08:23 AM

Robot#: DASY5-PG-1 | Run#: BL-FACE-231212-01@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 21.2 (C)
Serial#: 437TZP0828
Antenna: AN000304A01
Test Freq: 793.0000 (MHz)
Battery: NNTN9087A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.1919 (W)

Comments: 1RB, 10MHz, Offset: Low

Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.73594,

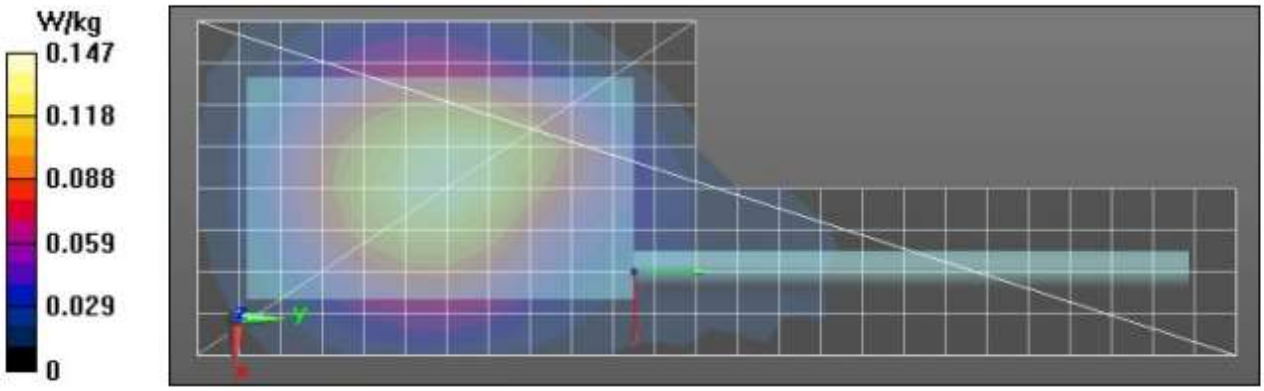
Medium parameters used: f = 793 MHz; σ = 0.894 S/m; ε_r = 40.414; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 793 MHz, ConvF(10.44, 10.44, 10.44) @ 793 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.662 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.086 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.149 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 = 9.662 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.095 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 = 76.5%
Maximum value of SAR (measured) = 0.150 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) = 0.151 W/kg



Assessment at the FCC & ISED Body Configuration for LTE B17 (734-746MHz)- Table 42

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/25/2023 2:26:41 PM

Robot#: DASY5-PG-2 | Run#:	MFR-AB-231225-07@
Model#:	H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#:	ELI4 1109
Tissue Temp:	22.2 (C)
Serial#:	437TZP0935
Antenna:	AN000304A01
Test Freq:	709.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN8209B w/ RLN6486A w/ RLN6488A
Audio Acc:	None
Start Power:	0.1871 (W)

Comments: 1 RB, 10MHz, Offset: Low

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.73594,

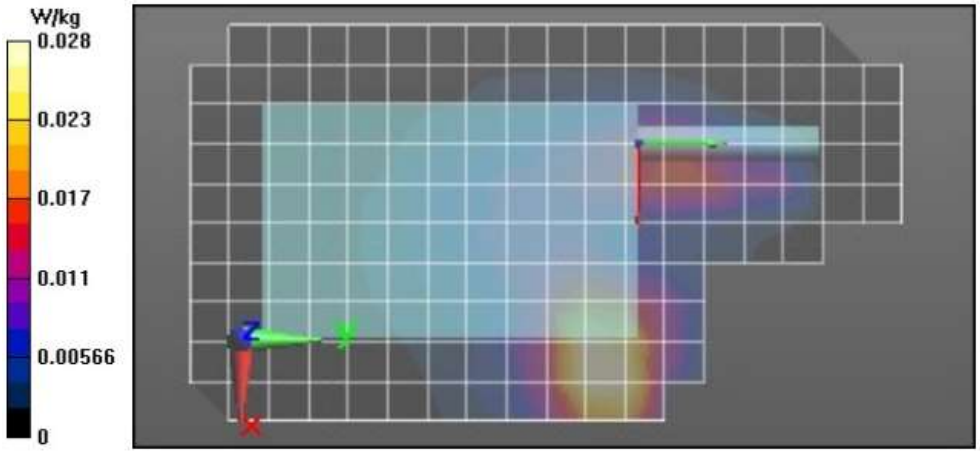
Medium parameters used: f = 709 MHz; σ = 0.916 S/m; ε_r = 53.628; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 709 MHz, ConvF(10.5, 10.5, 10.5) @ 709 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (101x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.120 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0329 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.120 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0360 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.016 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 = 66.1%
Maximum value of SAR (measured) = 0.0313 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) = 0.0321 W/kg



Assessment at the FCC & ISED Face Configuration for LTE B17 (734-746 MHz)- Table 42

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/12/2023 5:53:07 PM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-231212-05
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 21.2 (C)
Serial#: 437TZP0828
Antenna: AN000304A01
Test Freq: 709.0000 (MHz)
Battery: NNTN9087A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.187 (W)

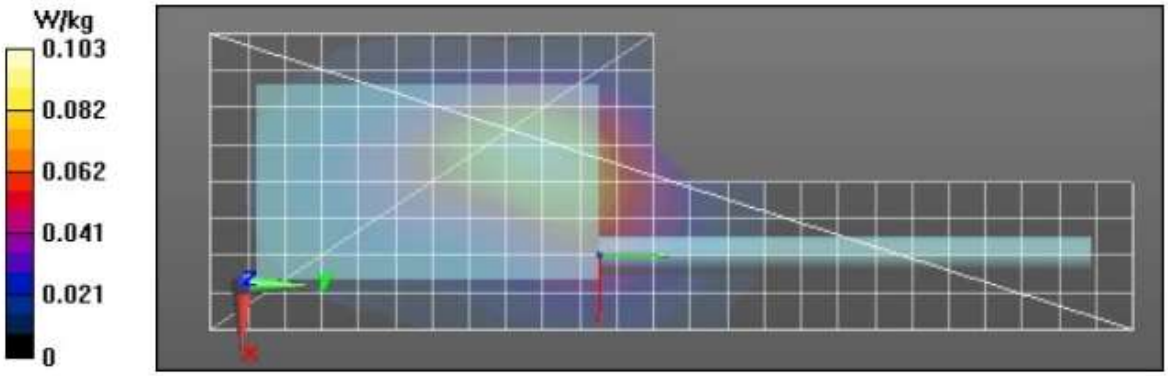
Comments: 1RB, 10MHz, Offset: Low

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.73594,
Medium parameters used: f = 709 MHz; σ = 0.858 S/m; ε_r = 43.981; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 710 MHz, ConvF(10.44, 10.44, 10.44) @ 710 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.928 V/m; Power Drift = -0.21 dB
Fast SAR: SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.062 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.107 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 = 8.928 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.067 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.6%
Maximum value of SAR (measured) = 0.107 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) = 0.107 W/kg



Assessment at the FCC & ISED Body Configuration for WLAN 2.4GHz- Table 44

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/27/2023 9:48:10 PM

Robot#: DASY5-PG-2 | Run#: AR(JML)-AB-231227-12
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI4 1028
Tissue Temp: 21.8 (C)
Serial#: 437TZP0935
Antenna: AN000304A03
Test Freq: 2437.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN8208A w/ RLN6486A w/ RLN6488A
Audio Acc: None
Start Power: 0.14 (W)

Comments: 802.11b - 2.4GHz DSSS, Softpot 20.5

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

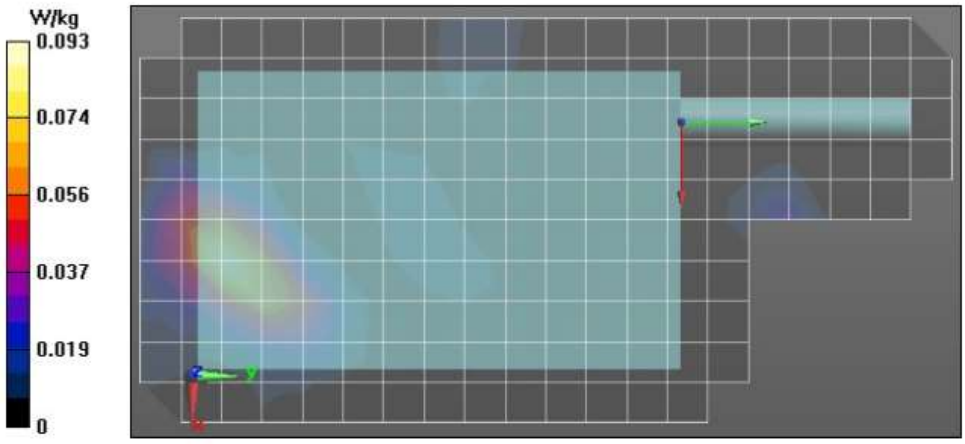
Medium parameters used: f = 2437 MHz; σ = 1.907 S/m; ε_r = 49.084; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2437 MHz, ConvF(7.46, 7.46, 7.46) @ 2437 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

2-3 GHz-Rev.3/Ab Scan/1-Area Scan (101x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 6.148 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.031 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0955 W/kg

2-3 GHz-Rev.3/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.148 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.029 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 = 54.7%
Maximum value of SAR (measured) = 0.0929 W/kg

2-3 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0964 W/kg



Assessment at the FCC & ISED Face Configuration for WLAN 2.4GHz- Table 48

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/18/2024 11:07:03 PM

Robot#: DASY5-PG-2 | Run#: AR(JML)-FACE-240118-12
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 437TZP0828
Antenna: AN000304A03
Test Freq: 2437.0000 (MHz)
Battery: NNTN9087A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.1419 (W)

Comments: Shorten Scan. 802.11b - DSSS, Softpot :20.5, EX probe 2mm

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

Medium parameters used: f = 2437 MHz; σ = 1.767 S/m; ε_r = 37.489; ρ = 1000 kg/m^3

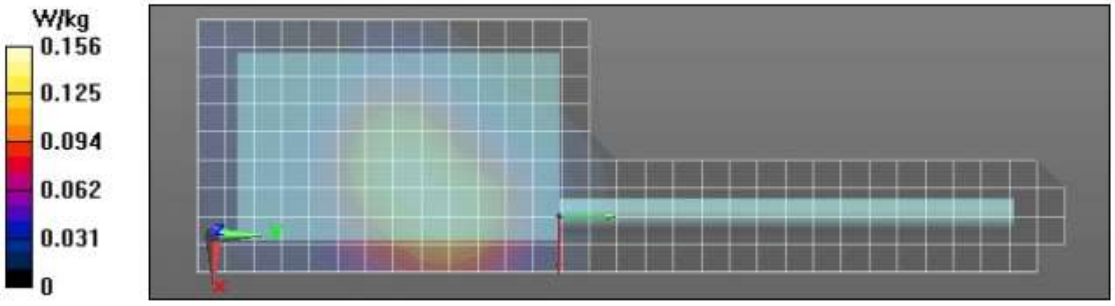
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 2437 MHz, ConvF(7.5, 7.5, 7.5) @ 2437 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

2-3 GHz-Rev.3/Face Scan/1-Area Scan (91x331x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 5.969 V/m; Power Drift = -0.19 dB
Fast SAR: SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.068 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.156 W/kg

2-3 GHz-Rev.3/Face Scan/2-Volume Scan 2D (7x7x1): Measurement grid: dx=5mm, dy=5mm, dz=1mm
Reference Value = 5.969 V/m; Power Drift = -0.23 dB
Maximum value of SAR (measured) = 0.156 W/kg

2-3 GHz-Rev.3/Face Scan/3-Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.438 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.076 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 27.3 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 0.161 W/kg

2-3 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.157 W/kg



Assessment at the FCC & ISED Body Configuration for WLAN 5GHz (U-NII-2A 5.25-5.35 GHz)
Table 48

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/8/2024 9:21:34 AM

Robot#: DASY5-PG-2 | Run#:	MFR-AB-240108-07
Model#:	H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#:	ELI4 1028
Tissue Temp:	22.1 (C)
Serial#:	437TZP0935
Antenna:	AN000304A03
Test Freq:	5310.0000(MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN8209A w/ RLN6486A w/ RLN6488A
Audio Acc:	None
Start Power:	0.1321 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAC, Duty Cycle: 1:7.56833,

Medium parameters used: f = 5310 MHz; σ = 5.334 S/m; ε_r = 44.05; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5310 MHz, ConvF(4.49, 4.49, 4.49) @ 5310 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (161x301x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.437 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00598 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.133 W/kg

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

Reference Value = 3.437 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00453 W/kg (SAR corrected for target medium)

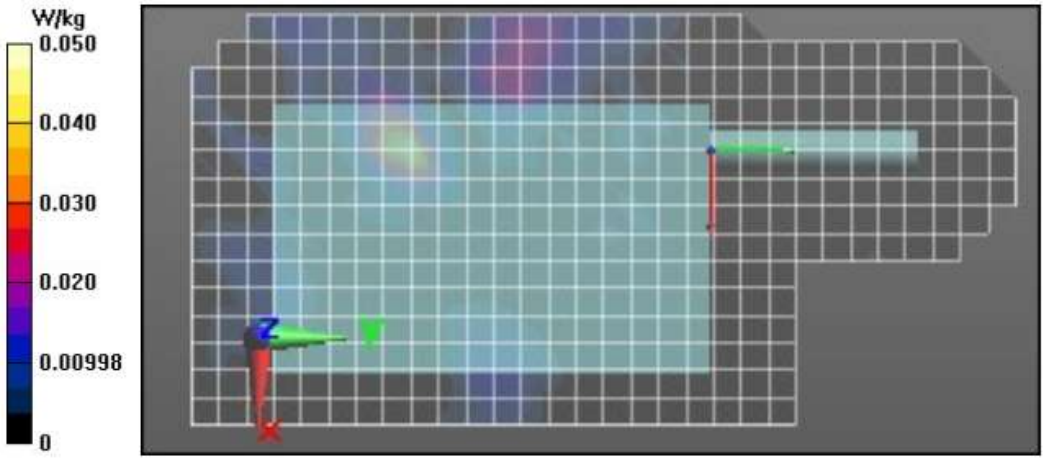
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum value of SAR (measured) = 0.0502 W/kg

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

Maximum value of SAR (measured) = 0.0277 W/kg



Assessment at the FCC & ISED Face Configuration for WLAN 5GHz (U-NII-2A 5.25-5.35 GHz)
Table 48

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/19/2024 2:58:18 AM

Robot#: DASY5-PG-2 | Run#:	AR(JML)-FACE-240119-03
Model#:	H55TGT9PW8AN (PNUW1100E)
Phantom#:	ELI4 1028
Tissue Temp:	19.8 (C)
Serial#:	437TZP0828
Antenna:	AN000304A03
Test Freq:	5310.0000 (MHz)
Battery:	NNTN9089B
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.1321 (W)

Comments: U-NII-2A, Softpot: 21

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAC, Duty Cycle: 1:7.56833,

Medium parameters used: f = 5310 MHz; σ = 4.33 S/m; ε_r = 39.1; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5310 MHz, ConvF(5.21, 5.21, 5.21) @ 5310 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (151x441x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 9.764 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.111 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.536 W/kg

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

Reference Value = 9.764 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.111 W/kg (SAR corrected for target medium)

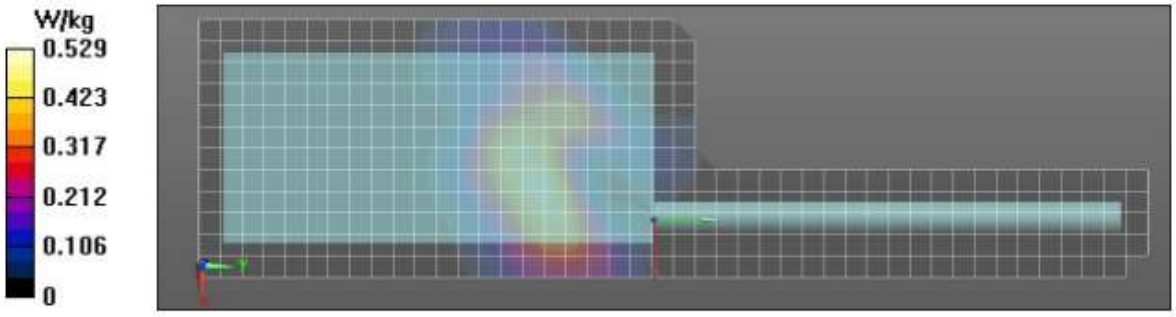
Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 0.514 W/kg

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

Maximum value of SAR (measured) = 0.517 W/kg



Assessment at the FCC & ISED Body Configuration for WLAN 5GHz (U-NII-2C 5.47-5.65 GHz)
Table 48

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/27/2024 11:59:05 AM

Robot#: DASY5-PG-2 | Run#: AR(JML)-AB-240127-09@
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1109
Tissue Temp: 20.8 (C)
Serial#: 437TZP0828
Antenna: AN000304A03
Test Freq: 5510.0000 (MHz)
Battery: NNTN9089B
Carry Acc: PMLN7947A w/ PMLN7965A
Audio Acc: None
Start Power: 0.0759 (W)

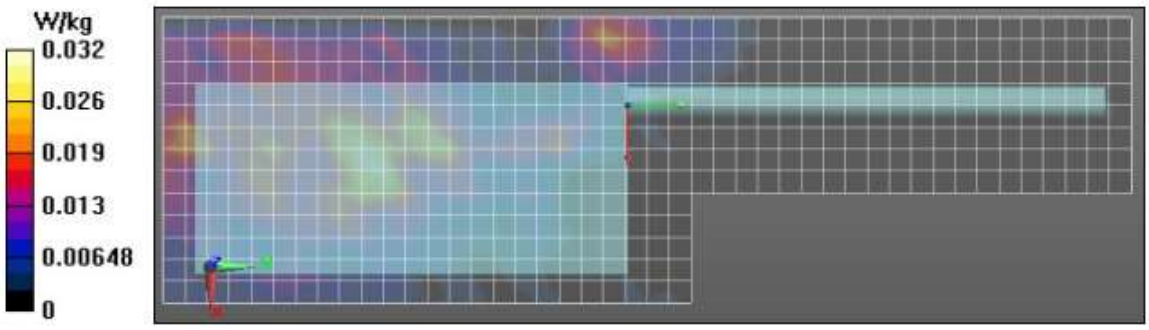
Comments: Full Scan, Softpot 22

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAC, Duty Cycle: 1:7.56833,
Medium parameters used: f = 5510 MHz; σ = 5.117 S/m; ε_r = 44.14; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5510 MHz, ConvF(4, 4, 4) @ 5510 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (131x441x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 2.979 V/m; Power Drift = -2.98 dB
Fast SAR: SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00627 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0399 W/kg

4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (15x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.979 V/m; Power Drift = -3.36 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.00643 W/kg; SAR(10 g) = 0.00243 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 = 26.9%
Maximum value of SAR (measured) = 0.0217 W/kg

4-6 GHz-Rev.5/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0109 W/kg



Assessment at the FCC & ISED Face Configuration for WLAN 5GHz (U-NII-2C 5.47-5.65 GHz)
Table 46

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/14/2023 11:00:32 AM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-231214-08
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1022
Tissue Temp: 21.7 (C)
Serial#: 437TZP0828
Antenna: AN000304A03
Test Freq: 5630.0000 (MHz)
Battery: NNTN9089A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.1462 (W)

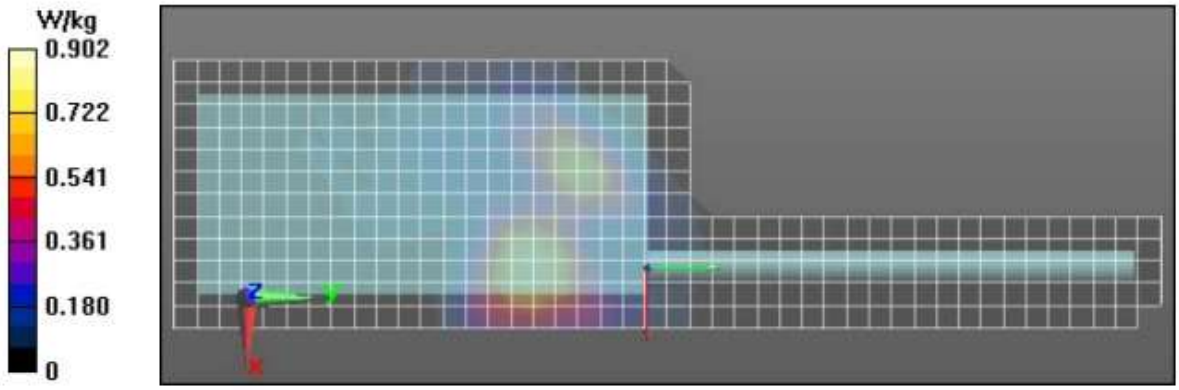
Comments: 802.11n - U-NII-2C 40 MHz BW Softpot: 22

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAC, Duty Cycle: 1:7.56833,
Medium parameters used: f = 5630 MHz; σ = 4.746 S/m; ε_r = 38.516; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 5630 MHz, ConvF(4.73, 4.73, 4.73) @ 5630 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (151x441x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 13.72 V/m; Power Drift = -0.62 dB
Fast SAR: SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.172 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.907 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.72 V/m; Power Drift = -0.40 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.155 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 17.5 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 0.777 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.820 W/kg



Assessment at the FCC & ISED Body Configuration for WLAN 5GHz (U-NII-3 5.65-5.85 GHz)
Table 48

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/9/2024 8:37:21 PM

Robot#: DASY5-PG-2 | Run#:	AR(JML)-AB-240109-12
Model#:	H55TGT9PW8AN (PNUW1100E)
Phantom#:	ELI4 1028
Tissue Temp:	20.4 (C)
Serial#:	437TZP0828
Antenna:	AN000304A03
Test Freq:	5670.0000 (MHz)
Battery:	NNTN9089B
Carry Acc:	PMLN7964A w/ NTN8266B
Audio Acc:	None
Start Power:	0.1489 (W)

Comments: Softpot: 22

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAC, Duty Cycle: 1:7.56833,

Medium parameters used: f = 5670 MHz; σ = 5.773 S/m; ε_r = 45.686; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 5670 MHz, ConvF(3.92, 3.92, 3.92) @ 5670 MHz

Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (151x401x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.266 V/m; Power Drift = 0.70 dB

Fast SAR: SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.00818 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.184 W/kg

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

Reference Value = 3.266 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00583 W/kg (SAR corrected for target medium)

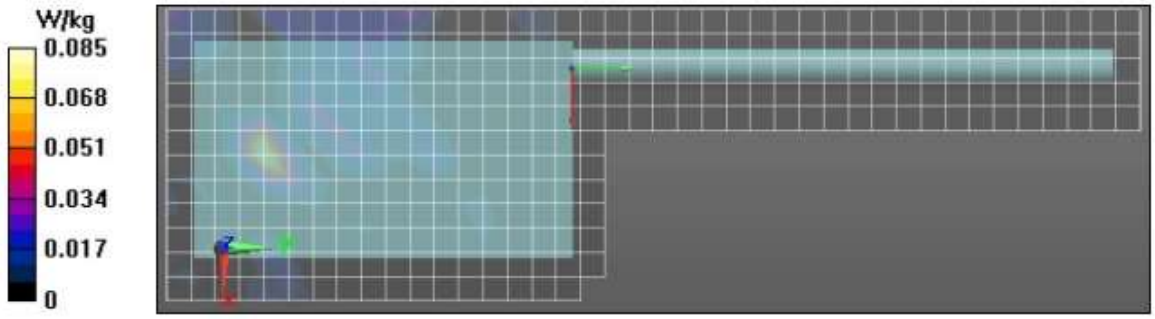
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 36.2%

Maximum value of SAR (measured) = 0.0826 W/kg

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

Maximum value of SAR (measured) = 0.0611 W/kg



Assessment at the FCC & ISED Face Configuration for WLAN 5GHz (U-NII-3 5.65-5.85 GHz)
Table 47

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/15/2023 9:31:45 AM

Robot#: DASY5-PG-1 | Run#: EMR-FACE-231215-04
Model#: H55TGT9PW8AN (PNUW1100E)
Phantom#: ELI4 1022
Tissue Temp: 22.2 (C)
Serial#: 437TZP0828
Antenna: AN000304A03
Test Freq: 5795.0000 (MHz)
Battery: NNTN9089A
Carry Acc: Non-Display side against the phantom
Audio Acc: None
Start Power: 0.1276 (W)

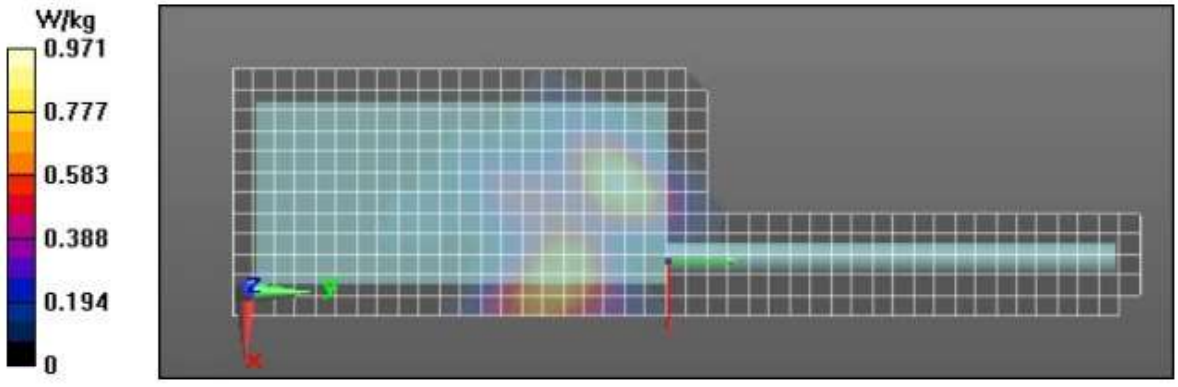
Comments: Softpot: 22

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAC, Duty Cycle: 1:7.56833,
Medium parameters used: f = 5795 MHz; σ = 5.215 S/m; ε_r = 35.599; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 5795 MHz, ConvF(4.9, 4.9, 4.9) @ 5795 MHz
Electronics: DAE4 Sn850, Calibrated: 4/14/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (151x441x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 12.88 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.178 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.04 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 12.88 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.178 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 50.4%
Maximum value of SAR (measured) = 1.01 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.08 W/kg



APPENDIX F

Shortened Scan of Highest SAR configuration

Shortened Scan Assessment - Table 49

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/24/2024 1:44:14 PM

Robot#: DASY5-PG-2 | Run#: MIN-AB-240124-12
Model#: H55TGT9PW8AN (FCC); NUW2100 (ISED)
Phantom#: ELI5 1147
Tissue Temp: 20.9 (C)
Serial#: 437TZP0924
Antenna: PMAE4102A
Test Freq: 460.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN8208A w/ RLN6486A w/ RLN6488A
Audio Acc: PMMN4123A
Start Power: 5.62 (W)

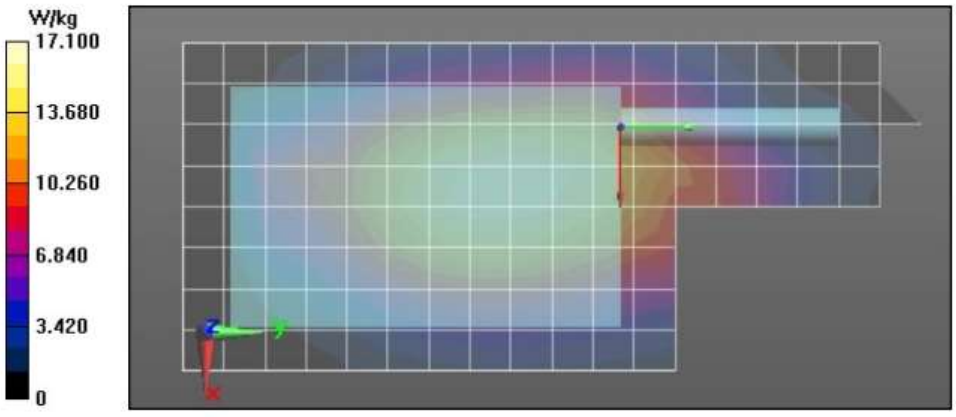
Comments:

Communication System Band: APX Next XE, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 460 MHz; σ = 0.924 S/m; ε_r = 54.845; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7364, Calibrated: 2/28/2022, Frequency: 460 MHz, ConvF(11.32, 11.32, 11.32) @ 460 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 114.3 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 13.5 W/kg; SAR(10 g) = 9.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 16.5 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 = 114.3 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 9.68 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 = 69.7%
Maximum value of SAR (measured) = 16.2 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) = 16.2 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)	49	10	7.36
Full scan (area & zoom)	19	25	7.53

APPENDIX G

DUT Test Position Photos

1.0 Highest SAR Test Position per location

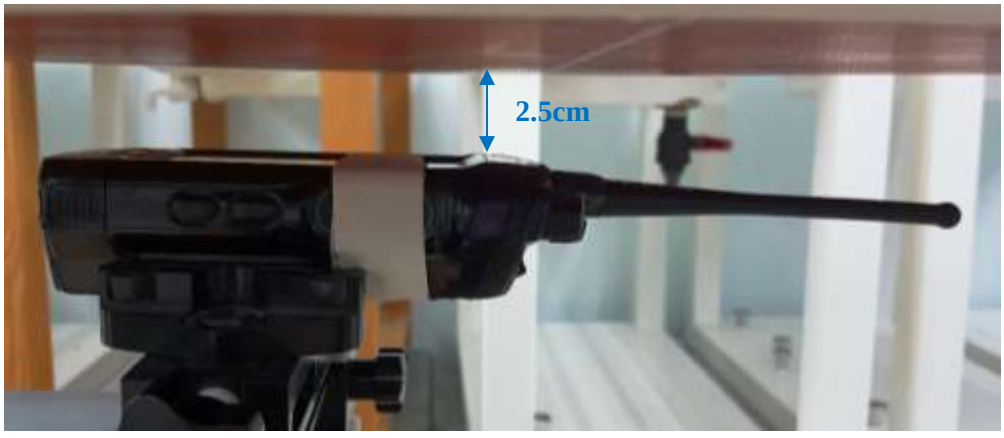
1.1 Body

DUT with antenna PMAE4102A, battery NNTN9087A and body worn PMLN8208A with RLN6486A and RLN6488A positioned against the phantom with audio accessory PMMN4123A attached.

Antenna kit #	Separation Distances (mm)		
	@ bottom surface of DUT	@ base of antenna	@ tip of antenna
PMAE4102A	2	25	35

1.2 Face

Back of DUT with antenna PMAE4049A and battery NNTN9087A separated 2.5cm from the phantom without an audio accessory attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of DUT	@ base of antenna	@ tip of antenna
PMAE4049A	26	31	39

APPENDIX H

DUT & Body worn and accessories Photos

Please Refer Original Filing and PC2 Report