MOTOROLA SOLUTIONS

SAMM 826

CERTIFICATE 2518.05

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

Motorola Solutions Inc.
EME Test Laboratory
Motorola Solutions Malaysia Sdn Bhd
Plot 2A, Medan Bayan Lepas,
Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.

Date of Report: 10/6/2022
Report Revision: C

Responsible Engineer:	Ch'ng Jian Sheng (EME Engineer)
Report Author:	Muhammad Akmal Naim Kasim (EME Technician)
Date/s Tested:	5/31/2020-6/13/2020, 6/15/2020-6/19/2020, 6/24/2020-6/30/2020, 7/1/2020-7/2/2020, 7/6/2020-7/17/2020, 7/30/2020-8/6/2020, 1/21/2021, 1/10/2022 – 1/12/2022, 2/21/2022, 2/25/2022
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable – MXP600 350-470 ROM CLR
Test TX mode(s):	MSPD(5:8), SSPD (1:4.55), Bluetooth, Bluetooth LE, WLAN 2.4GHz and WLAN 5.0GHz
Max. Power output:	Refer to Table 3
Tx Frequency Bands:	Refer to Table 3
Signaling type:	TDMA (PTT), FHSS (Bluetooth), WLAN 2.4GHz and WLAN 5.0GHz
Model(s) Tested:	AZH77PCN6TZ5AN
Model(s) Certified:	AZH77PCN6TZ5AN
Serial Number(s):	767TWK0012, 767TWK0013, 767TWK0017
Classification:	Occupational/Controlled
Applicant Name:	Motorola Solutions Inc.
Applicant Address:	8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322
FCC ID:	AZ489FT7150 This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC:	109U-89FT7150 This report contains results that are immaterial for ISED equipment approval, which are clearly identified.
ISED Test Site registration:	24843
FCC Test Firm Registration Number:	823256

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

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

Saw Sun Hock (Approved Signatory)
Approval Date: 10/6/2022

Appendix D
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/14/2020 12:45:13 PM

Robot#: DASY5-PG-1 | Run#:	ZZ-SYSP-450H-200714-08
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	19.0 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.082 dB
Adjusted SAR (1W):	4.40 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 41.8; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz

Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 42.65 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.837 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.56 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 42.65 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.726 W/kg (SAR corrected for target medium)

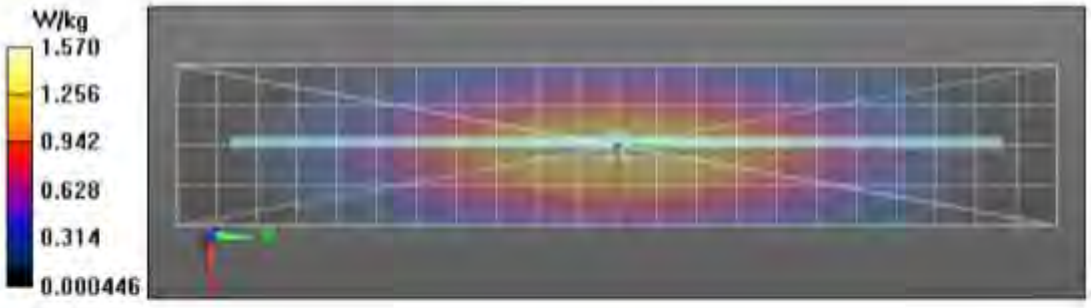
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 1.56 W/kg

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

Maximum value of SAR (measured) = 1.57 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/30/2020 12:38:42 AM

Robot#: DASY5-PG-1 | Run#:	AM(AR)-SYSP-450H-200730-01#
Dipole Model#	D450V3
Phantom#:	ELI4 1147
Tissue Temp:	21.0 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.13 dB
Adjusted SAR (1W):	4.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 42.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

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

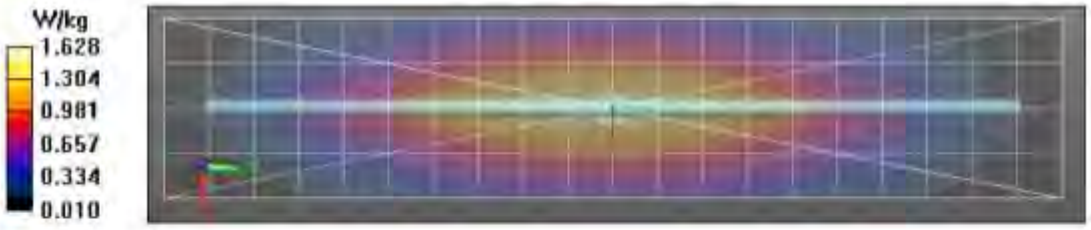
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.59 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.876 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.63 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.761 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 61.3%
Maximum value of SAR (measured) = 1.64 W/kg

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2020 8:58:40 AM

Robot#: DASY5-PG-1 | Run#:	AM(AR)-SYSP-450H-200803-01
Dipole Model#	D450V3
Phantom#:	ELI4 1147
Tissue Temp:	20.9 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.091 dB
Adjusted SAR (1W):	4.68 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

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

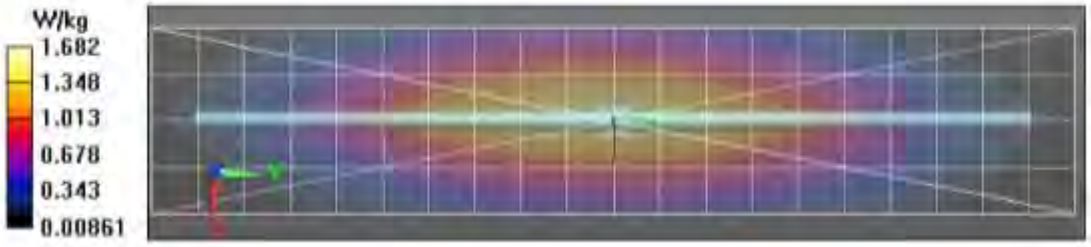
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.03 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.894 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.69 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.03 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.775 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60.9%
Maximum value of SAR (measured) = 1.71 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.70 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/4/2020 9:12:52 AM

Robot#: DASY5-PG-1 | Run#:	AM(AR)-SYSP-450H-200804-09
Dipole Model#	D450V3
Phantom#:	ELI4 1147
Tissue Temp:	20.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.089 dB
Adjusted SAR (1W):	4.76 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

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

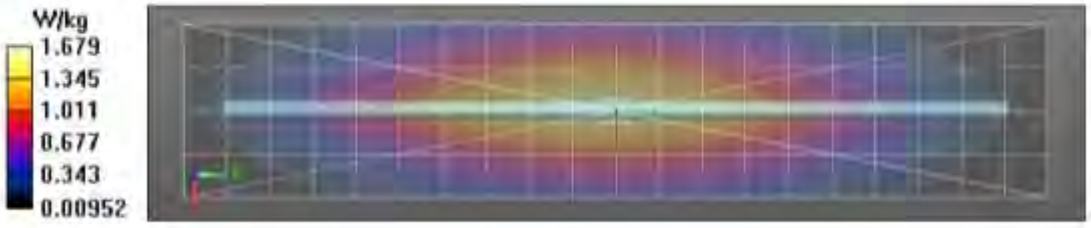
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.23 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.902 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.69 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.23 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.787 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 61.2%
Maximum value of SAR (measured) = 1.71 W/kg

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2020 10:12:35 AM

Robot#: DASY5-PG-1 | Run#:	AM-SYSP-450H-200805-08
Dipole Model#	D450V3
Phantom#:	ELI4 1147
Tissue Temp:	21.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.095 dB
Adjusted SAR (1W):	4.16 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

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

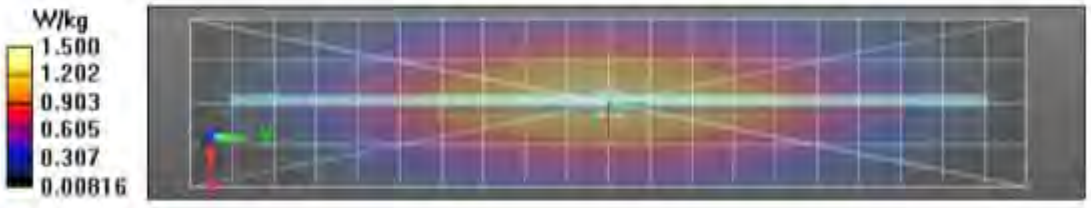
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.05 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.801 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.50 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.05 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.686 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 61%
Maximum value of SAR (measured) = 1.49 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.49 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/14/2020 11:32:51 PM

Robot#: DASY5-PG-1 | Run# BL(AR)-SYSP-2450H-200714-17
Dipole Model# D2450V2
Phantom#: ELI4 1103
Tissue Temp: 21.1 (C)
Serial#: 782
Test Freq: 2450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.12 dB
Adjusted SAR (1W): 50.80 mW/g (1g)

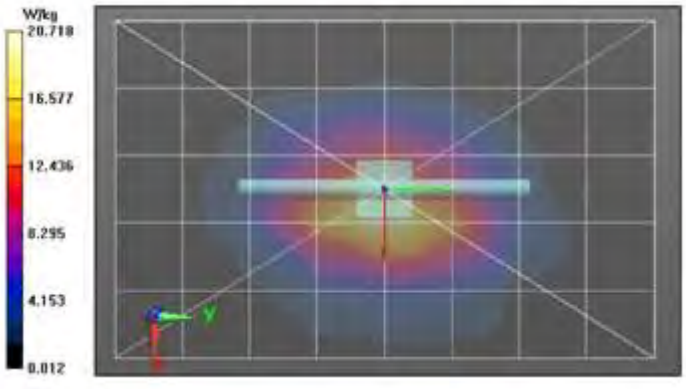
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.82 S/m; ε_r = 35.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 2450 MHz, ConvF(7.67, 7.67, 7.67) @ 2450 MHz
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 114.6 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.33 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.6 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 = 114.6 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.86 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 = 46%
Maximum value of SAR (measured) = 22.5 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) = 22.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/31/2020 9:28:26 AM

Robot#: DASY5-PG-4	Run#: ZZ(MA)-SYSP-450H-200531-01
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	20.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.180 dB
Adjusted SAR (1W):	4.36 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

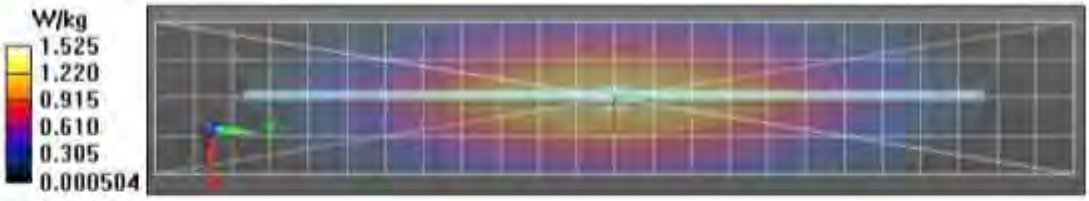
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.00 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.822 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.53 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.00 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.730 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.52 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) = 1.51 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/1/2020 9:30:47 AM

Robot#: DASY5-PG-4 | Run#:	ZZ(MA)-SYSP-450H-200601-01
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	20.1 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.089 dB
Adjusted SAR (1W):	4.48 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44, ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

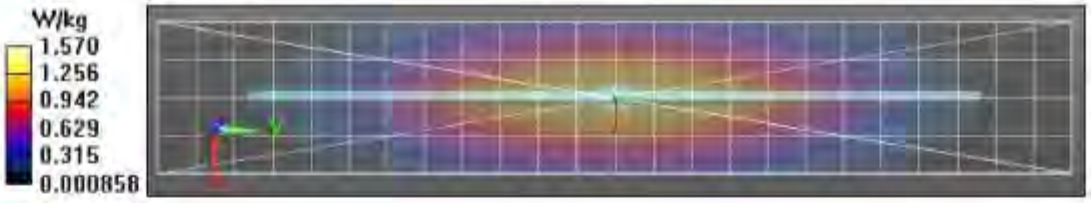
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.46 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.848 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.57 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.46 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.751 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.55 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) = 1.55 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/3/2020 2:05:44 PM

Robot#: DASY5-PG-4 | Run#:	ZZ(MA)-SYSP-450H-200603-11
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	21.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.190 dB
Adjusted SAR (1W):	4.36 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

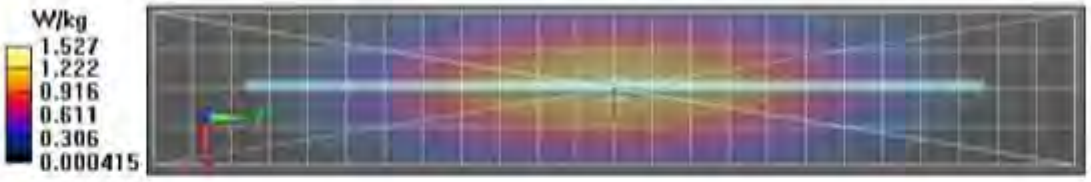
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.88 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.822 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.53 W/kg

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 = 41.88 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.729 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.52 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) = 1.53 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/4/2020 12:47:42 PM

Robot#: DASY5-PG-4	Run#: ZZ(MA)-SYSP-450H-200604-10
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	19.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.190 dB
Adjusted SAR (1W):	4.44 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

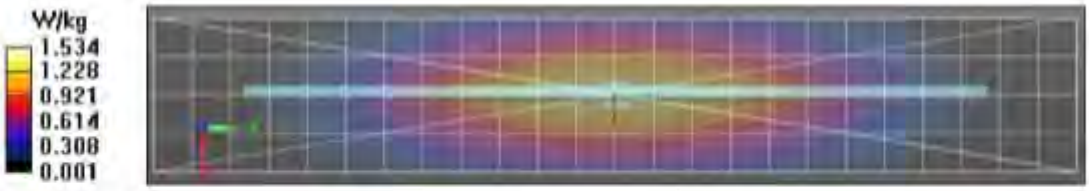
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.93 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.829 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.53 W/kg

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 = 41.93 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.746 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.55 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) = 1.54 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/5/2020 11:19:13 AM

Robot#: DASY5-PG-4 | Run#:	ZZ(MA)-SYSP-450H-200605-03
Dipole Model#	D450V3
Phantom#:	ELI4 1150
Tissue Temp:	20.1 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.190 dB
Adjusted SAR (1W):	4.12 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

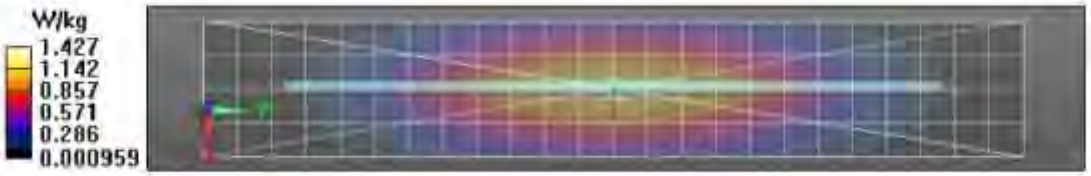
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.57 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.773 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.43 W/kg

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 = 40.57 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.689 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.43 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) = 1.43 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/7/2020 9:25:43 AM

Robot#: DASY5-PG-4	Run#: NZ-SYSP-450H-200607-01
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	20.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.16 dB
Adjusted SAR (1W):	4.28 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

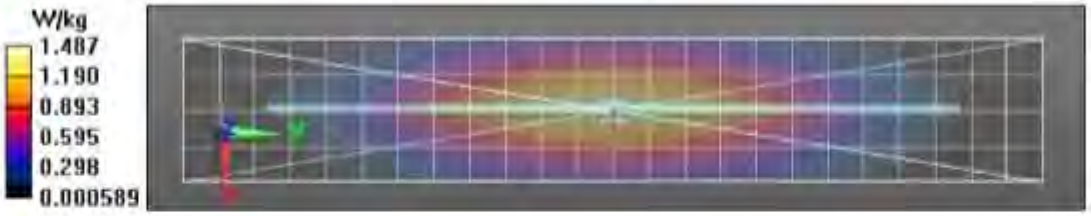
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.96 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.805 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.49 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.96 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.712 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.48 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) = 1.48 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/8/2020 9:34:01 AM

Robot#: DASY5-PG-4 | Run#:	NZ-SYSP-450H-200608-07
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	20.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.19 dB
Adjusted SAR (1W):	4.40 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz: σ = 0.89 S/m; ε_r = 43.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

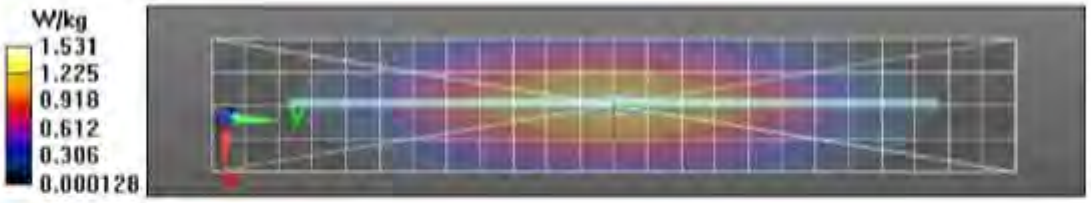
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.41 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.829 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.53 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.41 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.739 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.54 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.54 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/9/2020 10:35:35 AM

Robot#: DASY5-PG-4	Run#: NZ-SYSP-450H-200609-07
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	21.7 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.20 dB
Adjusted SAR (1W):	4.20 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44.4; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz

Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 42.52 V/m; Power Drift = -0.10 dB

Fast SAR: SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.794 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.46 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 42.52 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.69 W/kg

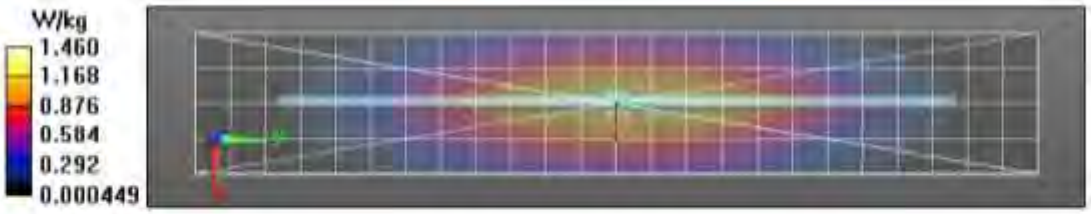
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.703 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.45 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) = 1.53 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/10/2020 9:47:18 AM

Robot#: DASY5-PG-4	Run#: NZ-SYSP-450H-200610-05
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	22.6 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.21 dB
Adjusted SAR (1W):	4.44 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

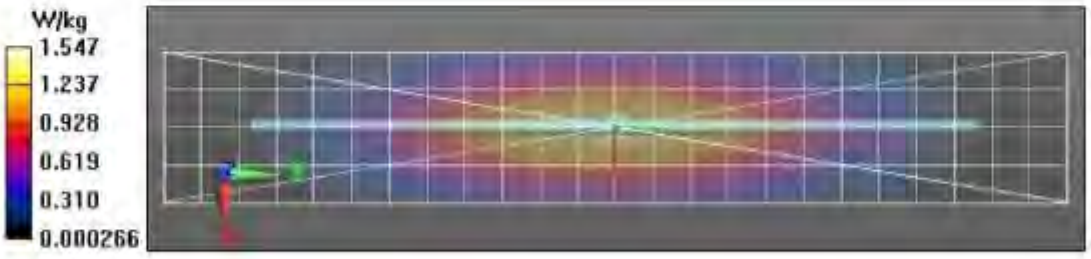
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.49 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.836 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.55 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.49 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.745 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.55 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) = 1.55 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2020 8:18:57 AM

Robot#: DASY5-PG-4	Run#: ZZ(MA)-SYSP-450H-200617-04
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	20.5 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.160 dB
Adjusted SAR (1W):	4.40 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 450$ MHz; $\sigma = 0.89$ S/m; $\varepsilon_r = 43.1$; $\rho = 1000$ kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

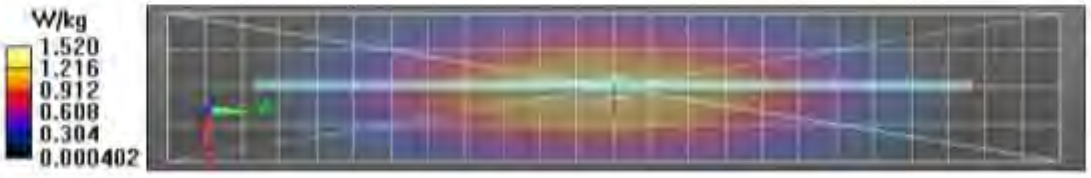
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.26 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.829 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.53 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.26 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.738 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.54 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.54 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2020 7:38:24 PM

Robot#: DASY5-PG-4	Run#: ZZ(MA)-SYSP-450H-200625-03
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	21.9 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.036 dB
Adjusted SAR (1W):	4.56 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 42.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

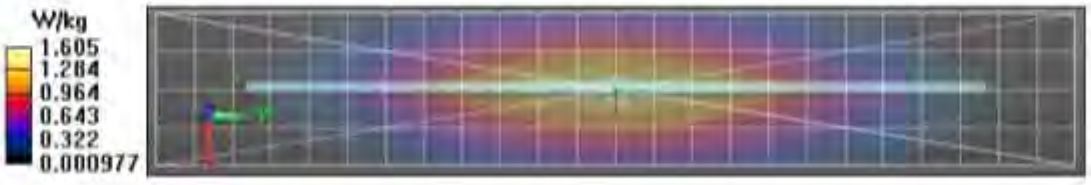
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.00 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.859 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.61 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.00 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.758 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.60 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) = 1.60 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/16/2020 8:18:08 AM

Robot#: DASY5-PG-4	Run#: MA-SYSP-450H-200716-05
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	20.2 (C)
Serial#:	1053
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.170 dB
Adjusted SAR (1W):	4.44 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.87 S/m; ε_r = 42.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

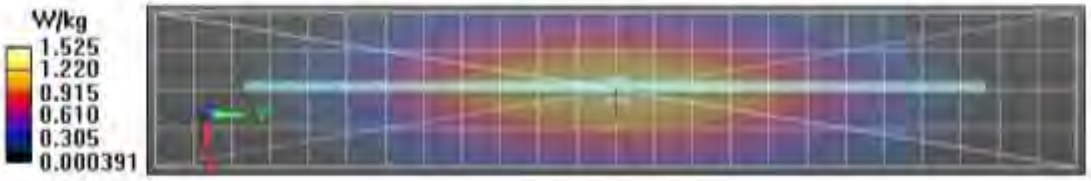
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.28 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.831 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.52 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.28 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.743 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 63.1%
Maximum value of SAR (measured) = 1.53 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) = 1.53 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/10/2020 2:57:56 PM

Robot#: DASY5-PC-3	Run#: FAZ-SYSP-2450H-200610-13
Dipole Model#	D2450V2
Phantom#:	ELI4 1103
Tissue Temp:	22.5 (C)
Serial#:	703
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.065 dB
Adjusted SAR (1W):	56.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.78 S/m; ε_r = 35.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2450 MHz, ConvF(7.59, 7.59, 7.59) @ 2450 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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

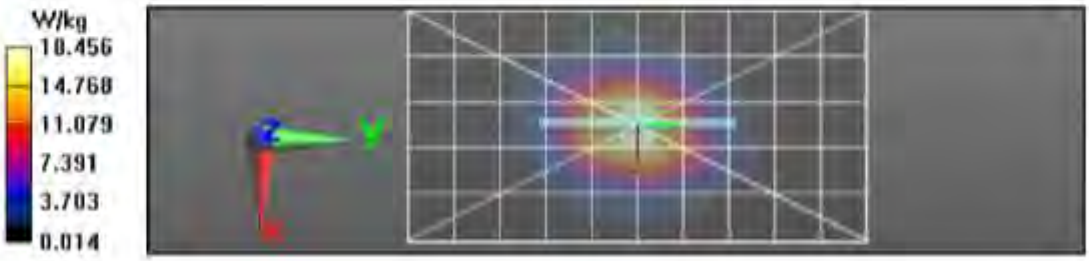
grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 120.2 V/m; Power Drift = -0.15 dB
Fast SAR: SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.83 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 24.7 W/kg

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

grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 120.2 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 14 W/kg; SAR(10 g) = 6.52 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 23.6 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) = 24.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/11/2020 3:24:24 PM

Robot#: DASY5-PG-3 | Run#:	FAZ-SYSP-2450H-200611-13
Dipole Model#	D2450V2
Phantom#:	SAMTP 1382
Tissue Temp:	22.7 (C)
Serial#:	703
Test Freq:	2450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.087 dB
Adjusted SAR (1W):	54.80 mW/g (1g)

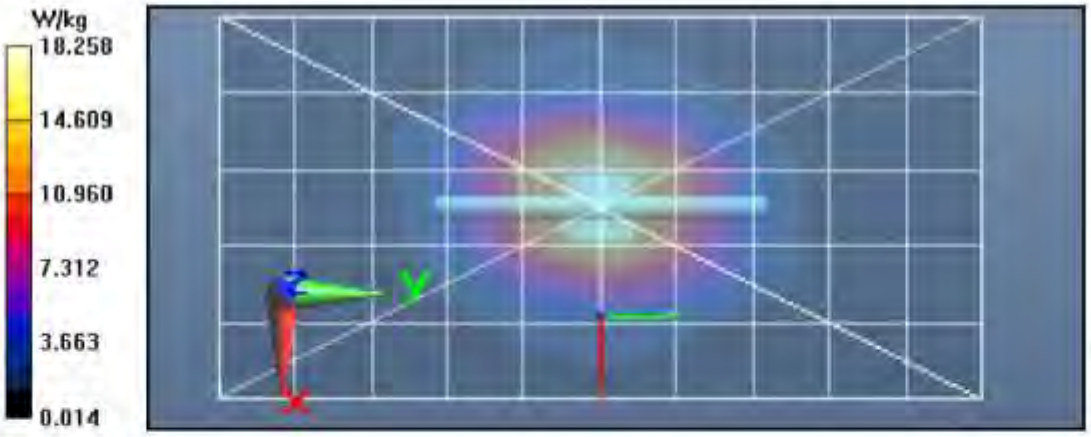
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.8 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2450 MHz, ConvF(7.59, 7.59, 7.59) @ 2450 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 118.8 V/m; Power Drift = -0.15 dB
Fast SAR: SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 23.9 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 = 118.8 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 29.0 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.38 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 23.4 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) = 23.7 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/3/2020 11:40:40 AM

Robot#: DASY5-PG-3	Run#: FAZ-SYSP-2450H-200703-04
Dipole Model#	D2450V2
Phantom#:	ELI4 1103
Tissue Temp:	20.8 (C)
Serial#:	703
Test Freq:	2450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.091 dB
Adjusted SAR (1W):	52.40 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.81 S/m; ε_r = 35.8; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2450 MHz, ConvF(7.59, 7.59, 7.59) @ 2450 MHz

Electronics: DAE4 Sn850, Calibrated: 10/16/2019

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 115.3 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.39 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 23.0 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 = 115.3 V/m; Power Drift = -0.04 dB

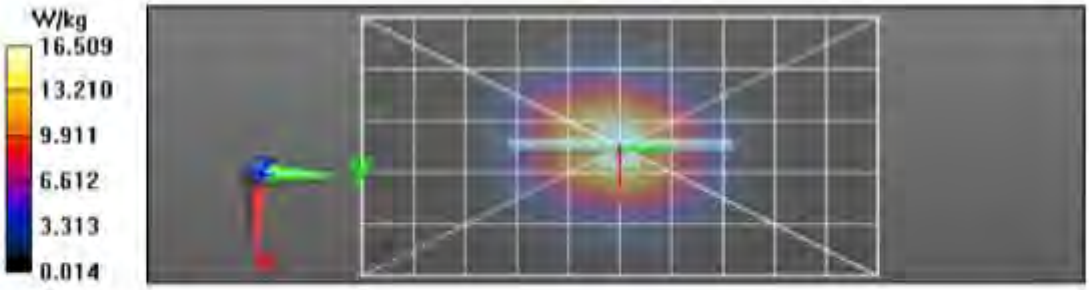
Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.24 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 22.0 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) = 22.1 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/6/2020 8:22:14 AM

Robot#: DASY5-PG-3	Run#: FAZ-SYSP-2450H-200706-01
Dipole Model#	D2450V2
Phantom#:	ELI4 1103
Tissue Temp:	20.3 (C)
Serial#:	703
Test Freq:	2450.000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.079 dB
Adjusted SAR (1W):	52.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.89 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2450 MHz, ConvF(7.59, 7.59, 7.59) @ 2450 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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

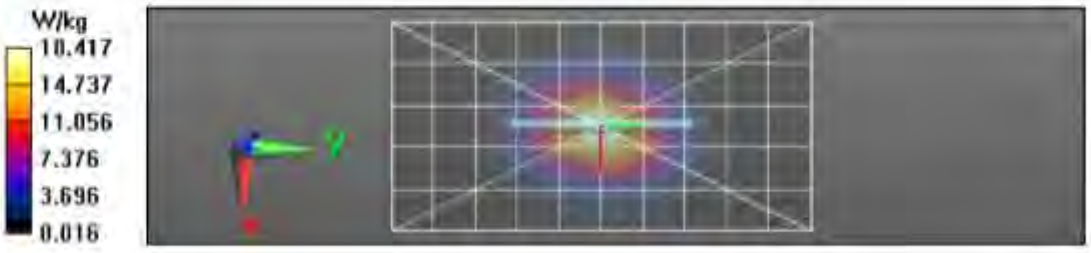
grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 114.4 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 23.2 W/kg

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

grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 114.4 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 13 W/kg; SAR(10 g) = 6.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 22.8 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) = 23.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2020 8:58:49 PM

Robot#: DASY5-PG-3 | Run#:	MA-SYSP-2450H-2008-10
Dipole Model#	D2450V2
Phantom#:	ELI4 1028
Tissue Temp:	21.3 (C)
Serial#:	703
Test Freq:	2450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.089 dB
Adjusted SAR (1W):	54.0 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.81 S/m; ε_r = 36.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2450 MHz, ConvF(7.59, 7.59, 7.59) @ 2450 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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

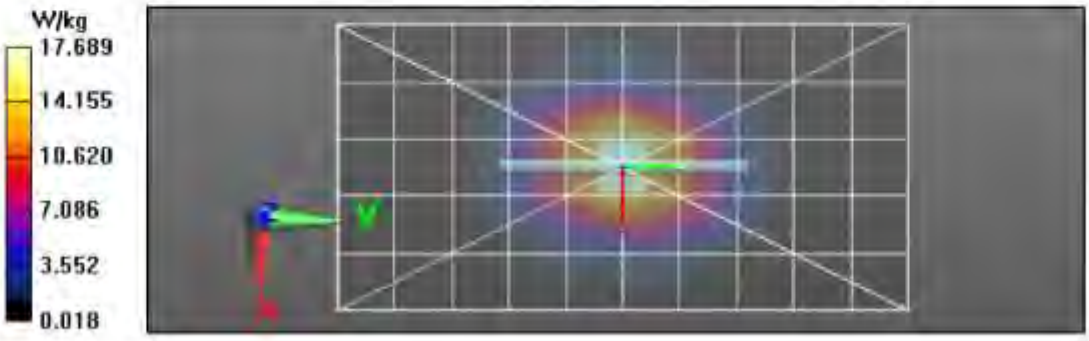
grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 116.8 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.69 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 24.0 W/kg

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

grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 116.8 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.31 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 = 48.5%
Maximum value of SAR (measured) = 23.1 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) = 23.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/12/2020 11:13:38 AM

Robot#: DASY5-PG-3 | Run#: FAZ-SYSP-5250H-200612-07

Dipole Model#	D5GHzV2
Phantom#:	SAMTP 1234
Tissue Temp:	20.3 (C)
Serial#:	1026
Test Freq:	5250.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.081 dB
Adjusted SAR (1W):	76.40 mW/g (1g)

Comments: |

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.25 S/m; ε_r = 33.2; ρ = 1000 kg/m^3

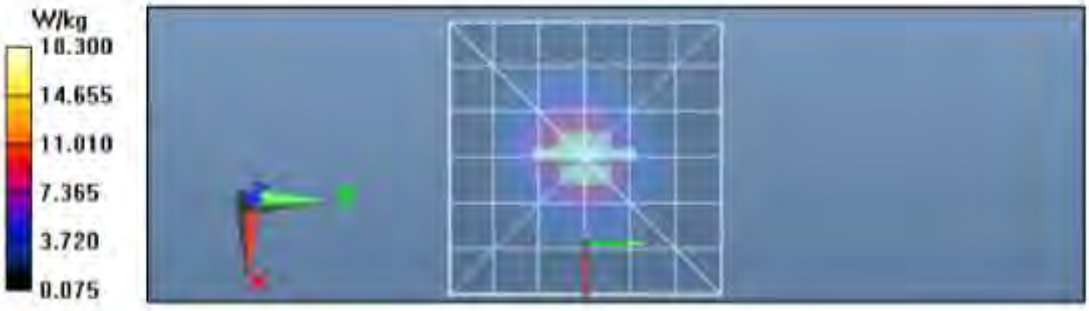
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz

Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 73.52 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 7.16 W/kg; SAR(10 g) = 1.98 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 18.8 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 = 73.52 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 17.8 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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/15/2020 8:01:22 AM

Robot#: DASY5-PG-3 | Run#: FAZ-SYSP-5250H-200615-01
Dipole Model# D5GHzV2
Phantom#: SAMTP 1234
Tissue Temp: 20.1 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.077 dB
Adjusted SAR (1W): 72.90 mW/g (1g)

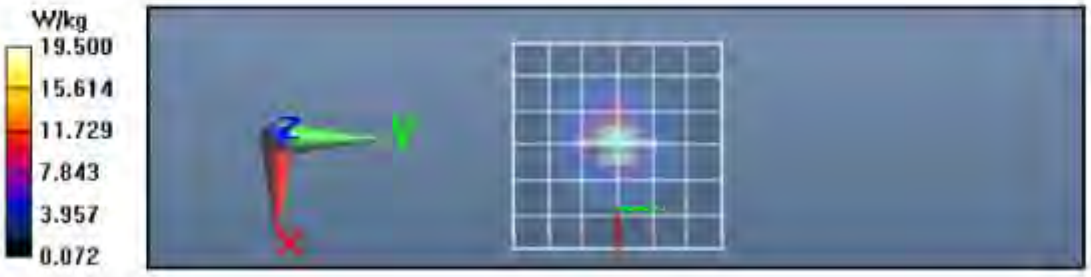
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.31 S/m; ε_r = 32.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 64.35 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 6.95 W/kg; SAR(10 g) = 1.92 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 18.3 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.35 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 7.29 W/kg; SAR(10 g) = 2.1 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 17.1 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) = 19.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2020 8:26:05 AM

Robot#: DASY5-PG-3 | Run#: FAZ-SYSP-5250H-200617-05
Dipole Model# D5GHzV2
Phantom#: SAMTP 1234
Tissue Temp: 21.3 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.140 dB
Adjusted SAR (1W): 76.70 mW/g (1g)

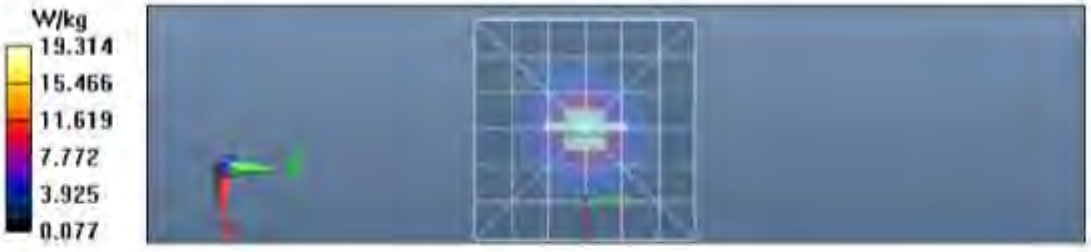
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.28 S/m; ε_r = 32.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 62.45 V/m; Power Drift = 0.07 dB
Fast SAR: SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 19.3 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 62.45 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 29.6 W/kg
SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.22 W/kg (SAR corrected for target medium)
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) = 23.4 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/18/2020 12:56:25 AM

Robot#: DASY5-PC-3 | Run#: AM-SYSP-5250H-200618-01
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.11 dB
Adjusted SAR (1W): 77.00 mW/g (1g)

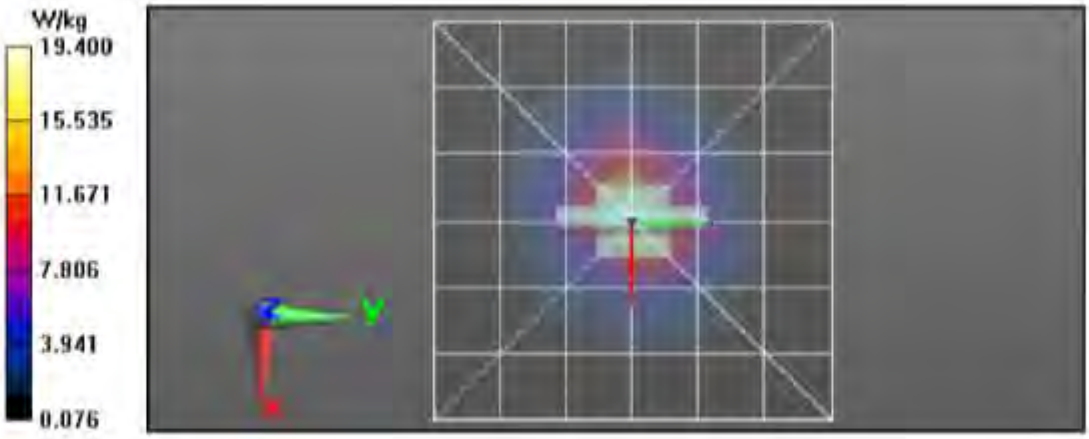
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz, σ = 4.24 S/m; ε_r = 33; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 69.54 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 19.9 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 = 69.54 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 18.0 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) = 22.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/19/2020 2:16:38 AM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5250H-200619-03
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.092 dB
Adjusted SAR (1W): 76.70 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.26 S/m; ε_r = 33; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 68.00 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 19.0 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 = 68.00 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 29.6 W/kg
SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 17.6 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) = 21.1 W/kg

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/21/2020 8:50:01 PM

Robot#: DASY5-PG-3	Run#: AM-SYSP-5250H-200621-01
Dipole Model#	D5GHzV2
Phantom#:	ELI4 1028
Tissue Temp:	20.9 (C)
Serial#:	1026
Test Freq:	5250.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.11 dB
Adjusted SAR (1W):	79.10 mW/g (1g)

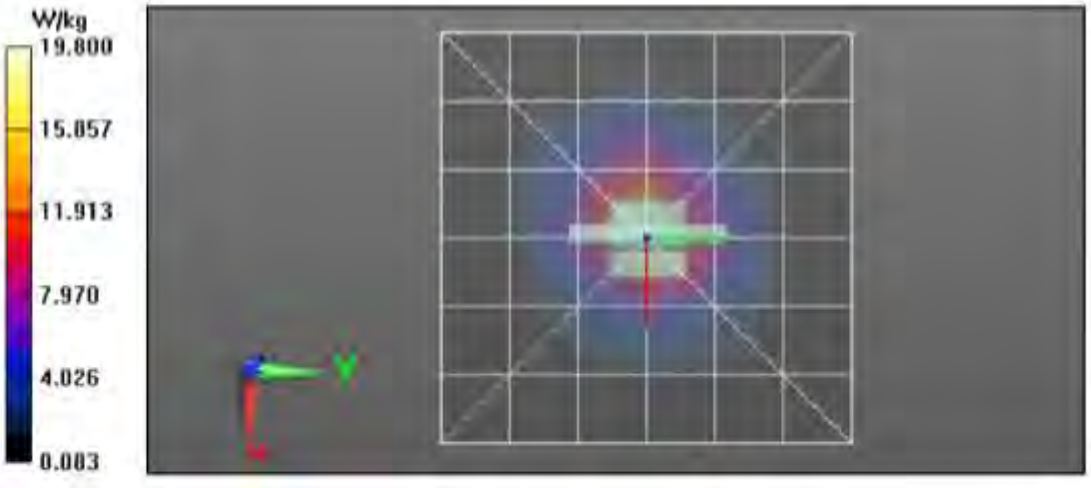
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.33 S/m; ε_r = 34; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 69.42 V/m; Power Drift = 0.11 dB
Fast SAR: SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.3 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 69.42 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 18.2 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) = 23.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/22/2020 10:54:24 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5250H-200622-12
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.8 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.11 dB
Adjusted SAR (1W): 76.80 mW/g (1g)

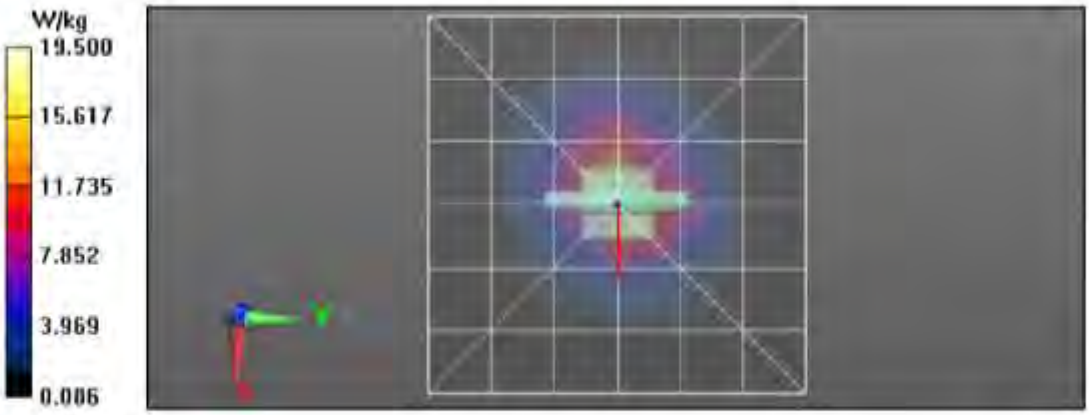
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.32 S/m; ε_r = 32.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 73.71 V/m; Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.4 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 = 73.71 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 17.6 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) = 23.1 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/23/2020 7:26:19 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5250H-200623-05
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.8 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.14 dB
Adjusted SAR (1W): 74.60 mW/g (1g)

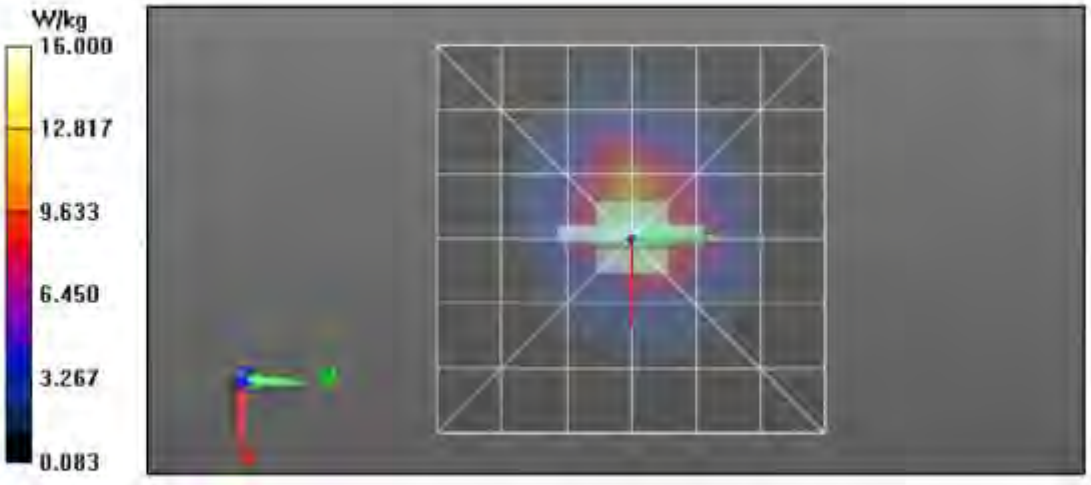
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.32 S/m; ε_r = 32.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 70.40 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 6.94 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 18.2 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 = 70.40 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 17.8 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) = 19.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/26/2020 7:39:08 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5250H-200626-11
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.15 dB
Adjusted SAR (1W): 81.10 mW/g (1g)

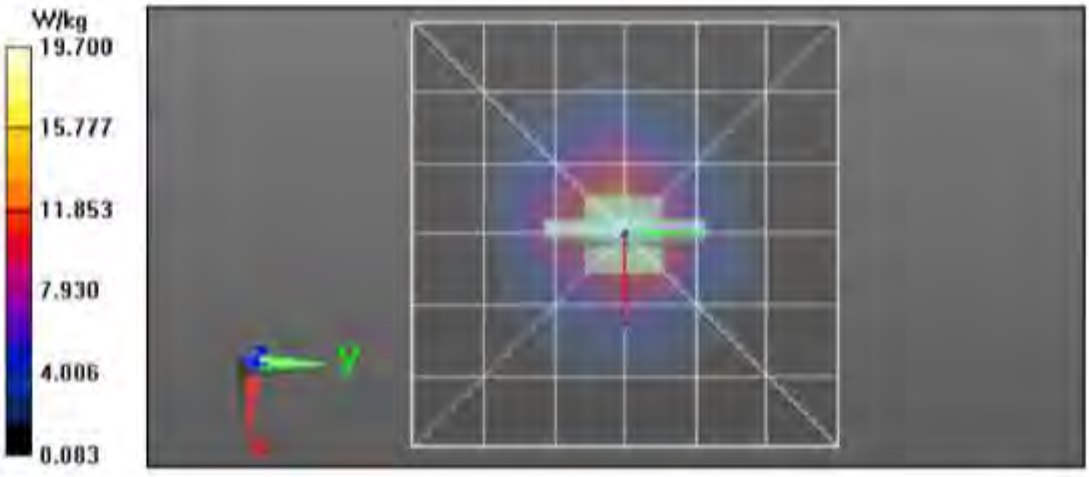
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.27 S/m; ε_r = 33; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 65.88 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.1 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 = 65.88 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 30.2 W/kg
SAR(1 g) = 8.1 W/kg; SAR(10 g) = 2.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 18.5 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) = 22.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/29/2020 7:40:29 PM

Robot#: DASY5-PG-3	Run#: AM-SYSP-5250H-200629-01
Dipole Model#	D5GHzV2
Phantom#:	ELI4 1028
Tissue Temp:	21.5 (C)
Serial#:	1026
Test Freq:	5250.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.16 dB
Adjusted SAR (1W):	76.60 mW/g (1g)

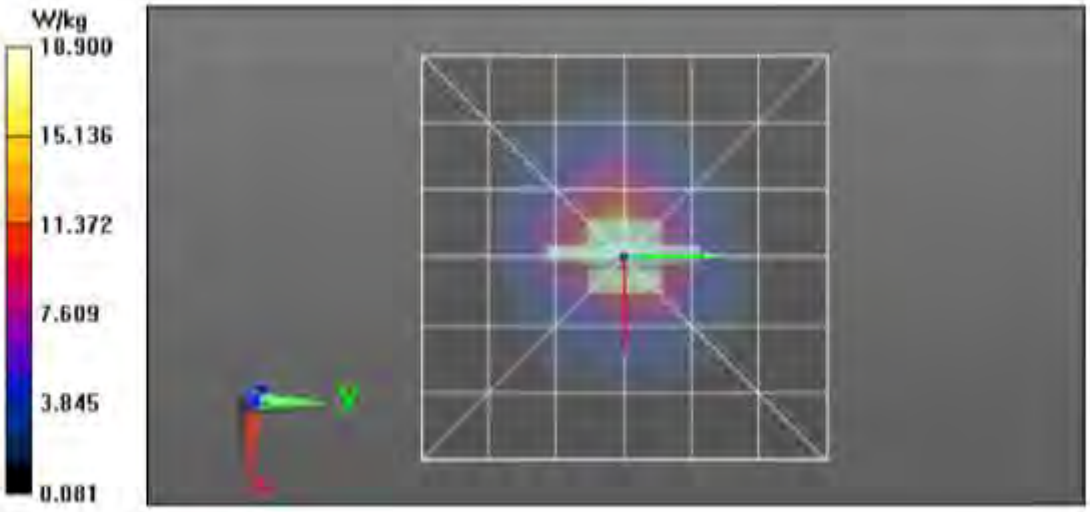
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.26 S/m; ε_r = 32.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 67.87 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 7.44 W/kg; SAR(10 g) = 2.07 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 19.6 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 = 67.87 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 18.0 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) = 22.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/30/2020 11:09:18 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5250H-200630-10
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.19 dB
Adjusted SAR (1W): 86.50 mW/g (1g)

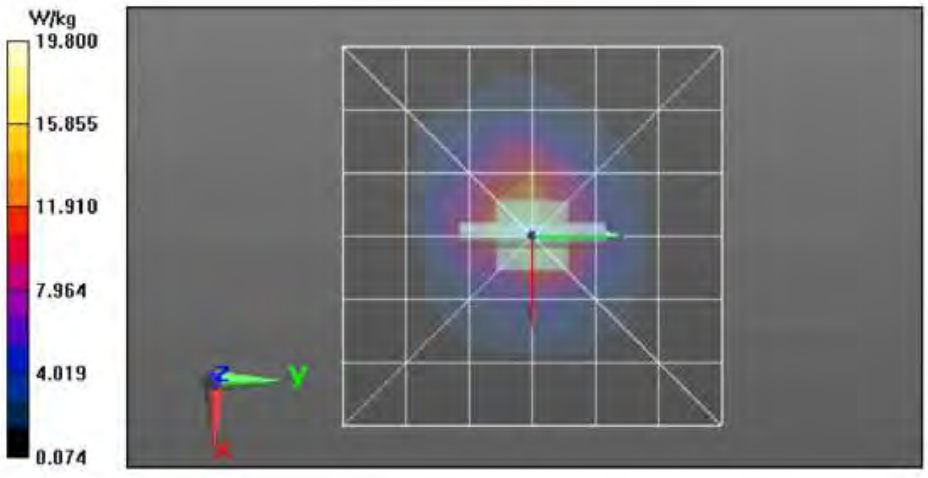
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.5 S/m; ε_r = 34.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 68.13 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 8.1 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.0 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 = 68.13 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 32.7 W/kg
SAR(1 g) = 8.65 W/kg; SAR(10 g) = 2.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.0 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) = 23.2 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/2/2020 12:20:30 AM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5250H-200702-01
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.120 dB
Adjusted SAR (1W): 80.10 mW/g (1g)

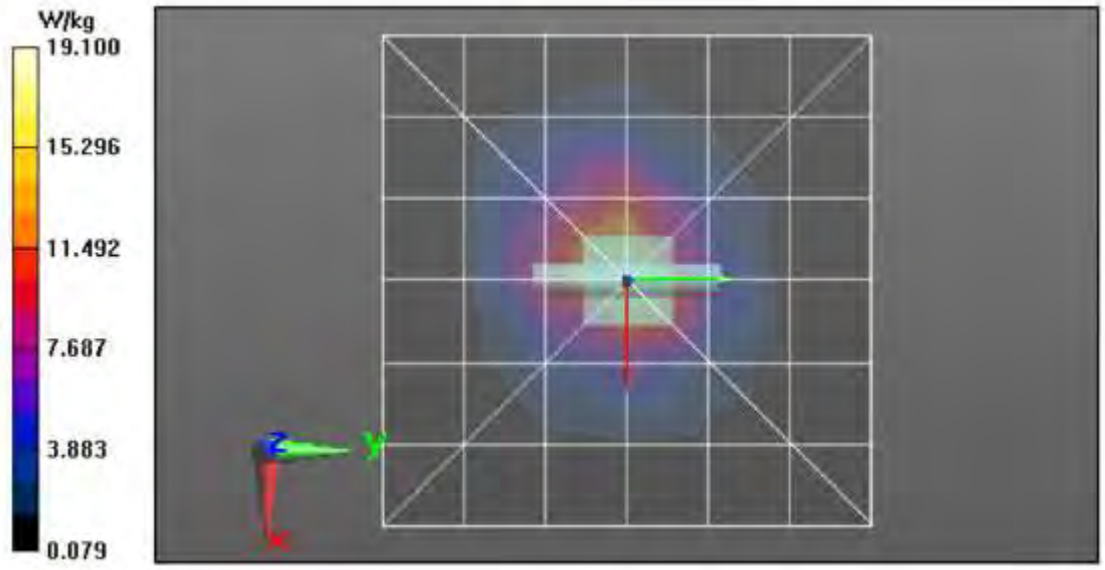
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.29 S/m; ε_r = 33.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 66.96 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.2 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 = 66.96 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 29.4 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 18.6 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) = 22.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/6/2020 7:45:14 PM

Robot#: DASY5-PG-3	Run#: AM-SYSP-5250H-200706-03
Dipole Model#	D5GHzV2
Phantom#:	ELI4 1028
Tissue Temp:	20.9 (C)
Serial#:	1026
Test Freq:	5250.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.11 dB
Adjusted SAR (1W):	80.50 mW/g (1g)

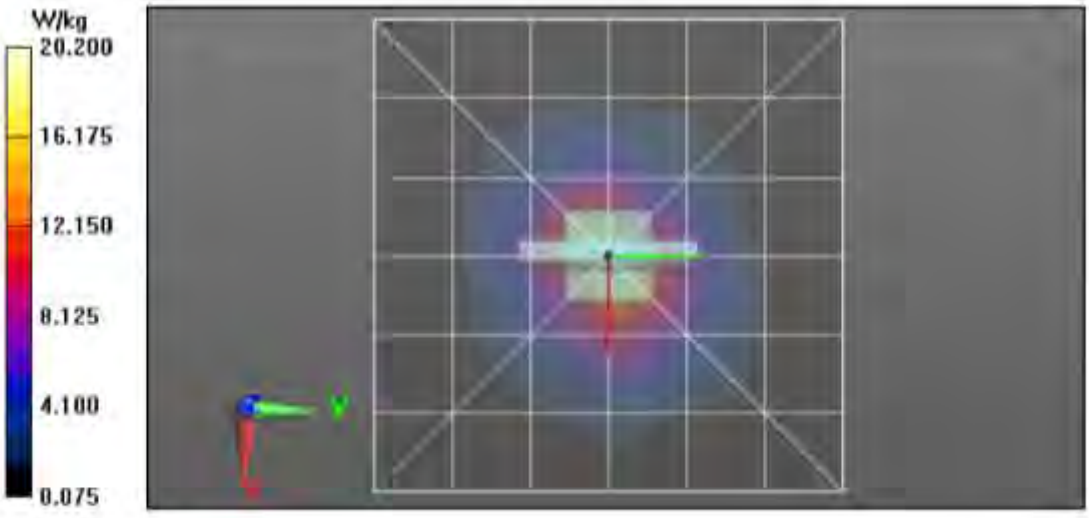
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.32 S/m; ε_r = 32.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5250 MHz, ConvF(5.6, 5.6, 5.6) @ 5250 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 67.33 V/m; Power Drift = 0.17 dB
Fast SAR: SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.13 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.5 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 = 67.33 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 19.2 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) = 19.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/12/2020 11:12:53 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5500H-200612-15
Dipole Model# D5GHzV2
Phantom#: SAMTP 1234
Tissue Temp: 23.3 (C)
Serial#: 1026
Test Freq: 5500.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.087 dB
Adjusted SAR (1W): 84.90 mW/g (1g)

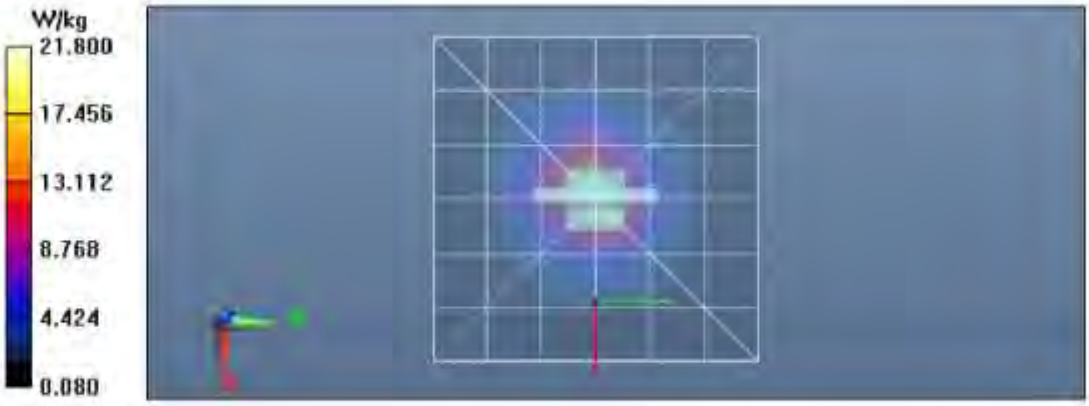
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5500 MHz; σ = 4.49 S/m; ε_r = 32.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 78.99 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.2 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 = 78.99 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 34.8 W/kg
SAR(1 g) = 8.49 W/kg; SAR(10 g) = 2.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.1 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) = 22.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/15/2020 7:46:00 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5500H-200615-07
Dipole Model# D5GHzV2
Phantom#: SAMTP 1234
Tissue Temp: 20.1 (C)
Serial#: 1026
Test Freq: 5500.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.087 dB
Adjusted SAR (1W): 78.70 mW/g (1g)

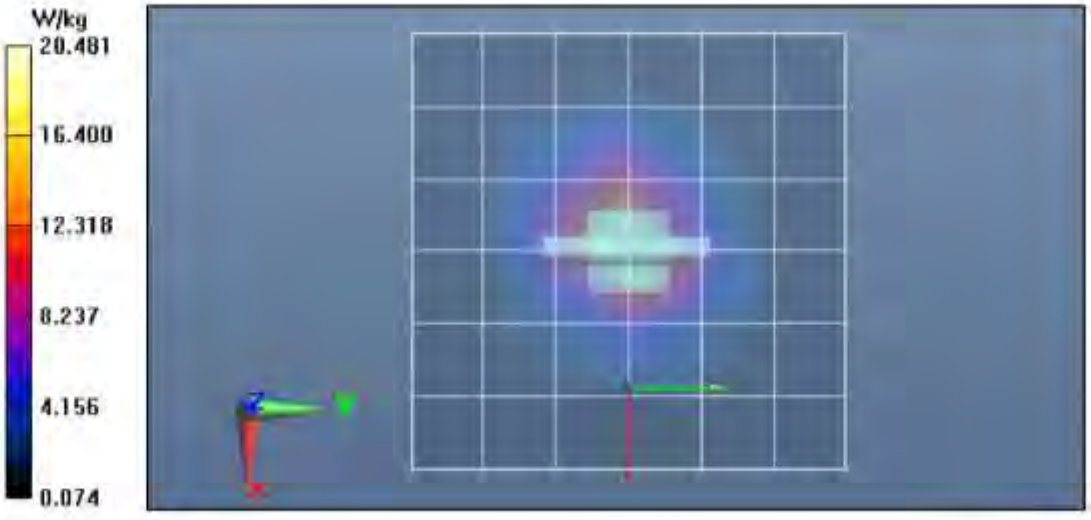
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5500 MHz; σ = 4.53 S/m; ε_r = 32.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 68.86 V/m; Power Drift = 0.06 dB
Fast SAR: SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.9 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 = 68.86 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 19.1 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) = 25.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/24/2020 7:33:26 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5500H-200624-08
Dipole Model#: D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 21.4 (C)
Serial#: 1026
Test Freq: 5500.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.19 dB
Adjusted SAR (1W): 88.60 mW/g (1g)

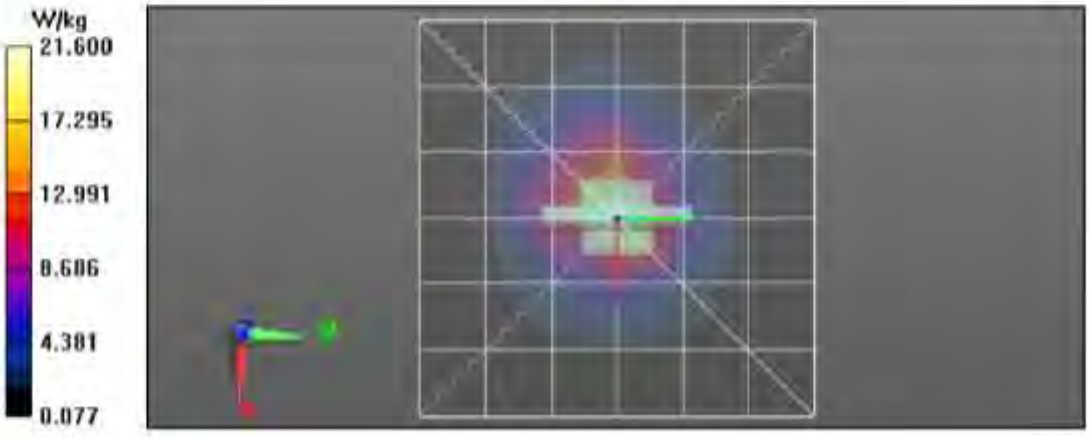
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5500 MHz; σ = 4.68 S/m; ε_r = 32.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 66.28 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 8.48 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.9 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 = 66.28 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 37.3 W/kg
SAR(1 g) = 8.86 W/kg; SAR(10 g) = 2.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 21.2 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) = 23.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/25/2020 8:11:24 PM

Robot#: DASY5-PG-3	Run#: AM-SYSP-5500H-200625-11
Dipole Model#	D5GHzV2
Phantom#:	ELI4 1028
Tissue Temp:	21.8 (C)
Serial#:	1026
Test Freq:	5500.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.11 dB
Adjusted SAR (1W):	81.70 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5500 MHz; σ = 4.61 S/m; ε_r = 32.8; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz

Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 67.31 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.17 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 21.1 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 = 67.31 V/m; Power Drift = -0.20 dB

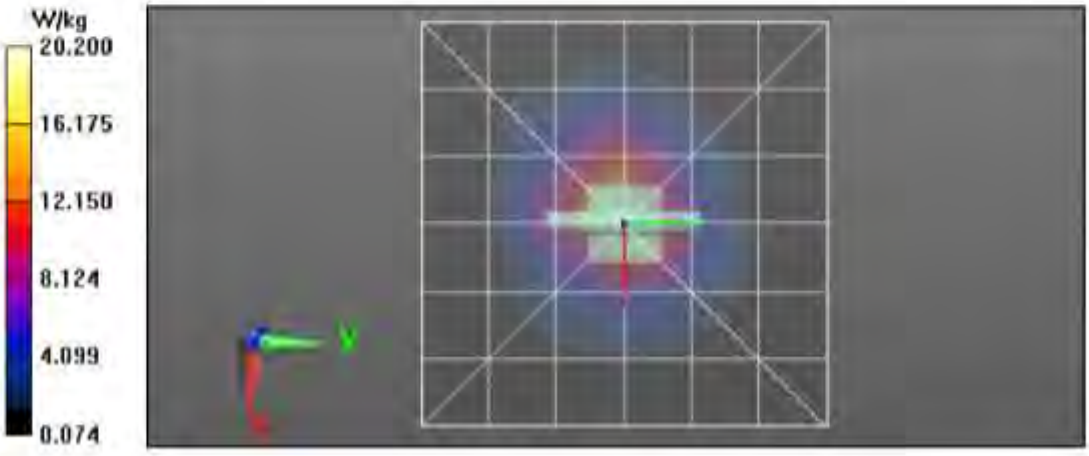
Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.38 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 19.2 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) = 23.1 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/29/2020 8:49:30 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5500H-200629-02
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 21.5 (C)
Serial#: 1026
Test Freq: 5500.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.15 dB
Adjusted SAR (1W): 83.90 mW/g (1g)

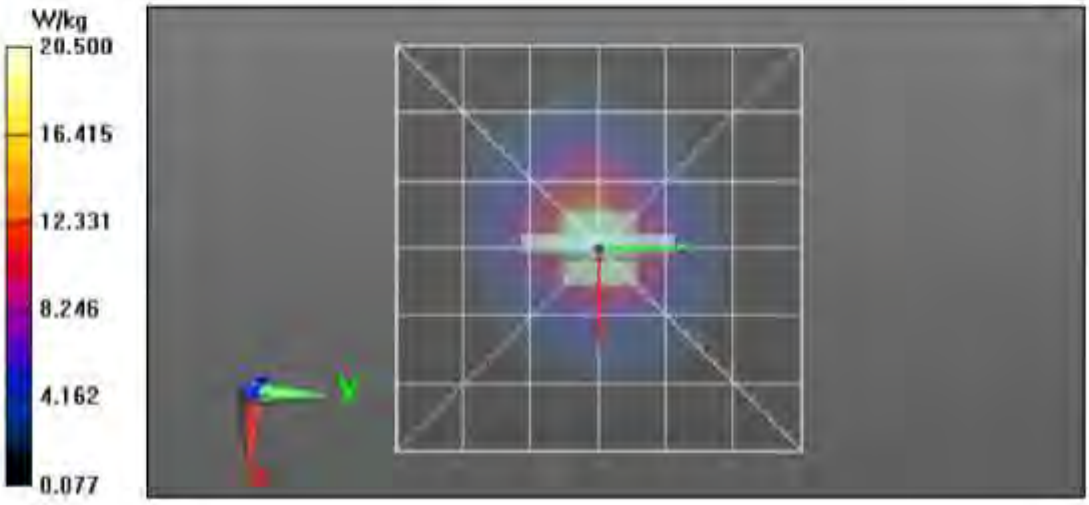
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5500 MHz; σ = 4.49 S/m; ε_r = 32.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 68.01 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.3 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 68.01 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 33.8 W/kg
SAR(1 g) = 8.39 W/kg; SAR(10 g) = 2.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.0 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) = 23.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/6/2020 8:46:32 PM

Robot#: DASY5-PC-3 | Run#: AM-SYSP-5500H-200706-04
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 1026
Test Freq: 5500.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.11 dB
Adjusted SAR (1W): 87.70 mW/g (1g)

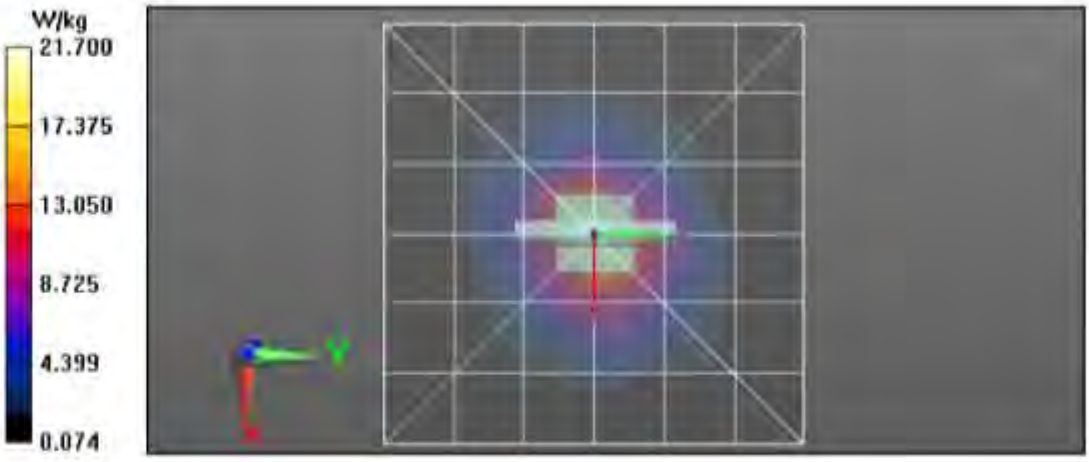
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5500 MHz; σ = 4.54 S/m; ε_r = 32.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 68.19 V/m; Power Drift = 0.15 dB
Fast SAR: SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.24 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.1 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 = 68.19 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 35.2 W/kg
SAR(1 g) = 8.77 W/kg; SAR(10 g) = 2.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.5 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) = 20.9 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/16/2020 12:28:33 PM

Robot#: DASY5-PG-3	Run#: FAZ-SYSP-5600H-200616-06
Dipole Model#	D5GHzV2
Phantom#:	SAMTP 1234
Tissue Temp:	20.5 (C)
Serial#:	1026
Test Freq:	5600.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.130 dB
Adjusted SAR (1W):	86.20 mW/g (1g)

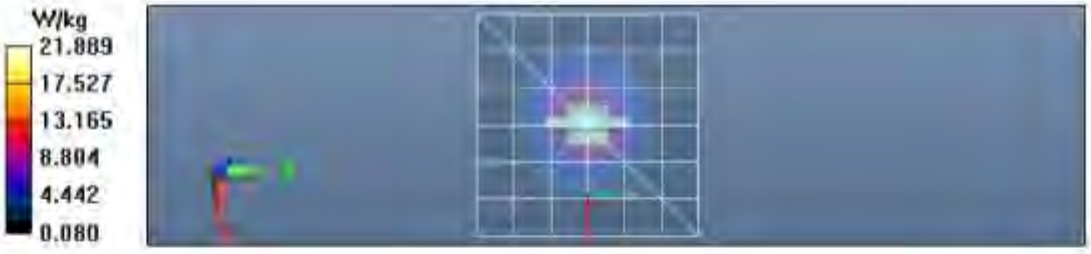
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.69 S/m; ε_r = 32.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 67.72 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.21 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 = 67.72 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 36.0 W/kg
SAR(1 g) = 8.62 W/kg; SAR(10 g) = 2.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.3 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) = 26.2 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2020 2:38:52 PM

Robot#: DASY5-PG-3 | Run#: FAZ-SYSP-5600H-200617-10
Dipole Model# D5GHzV2
Phantom#: SAMTP 1234
Tissue Temp: 22.0 (C)
Serial#: 1026
Test Freq: 5250.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.12 dB
Adjusted SAR (1W): 80.90 mW/g (1g)

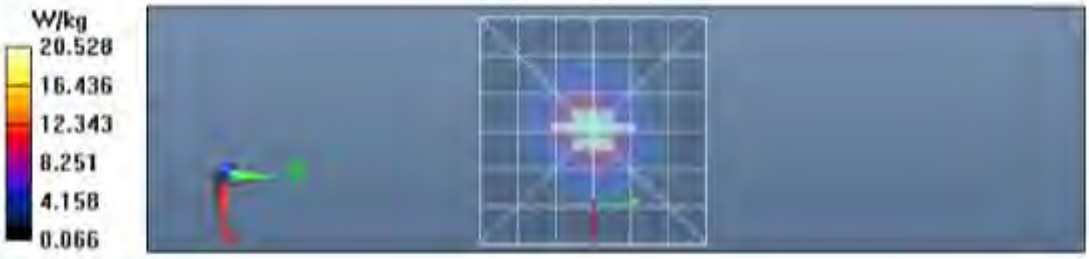
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.6 S/m; ε_r = 32.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 62.60 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.7 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 = 62.60 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 33.7 W/kg
SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.32 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 19.2 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) = 24.8 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/26/2020 8:45:59 PM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5600H-200626-12
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 1026
Test Freq: 5600.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.16 dB
Adjusted SAR (1W): 88.60 mW/g (1g)

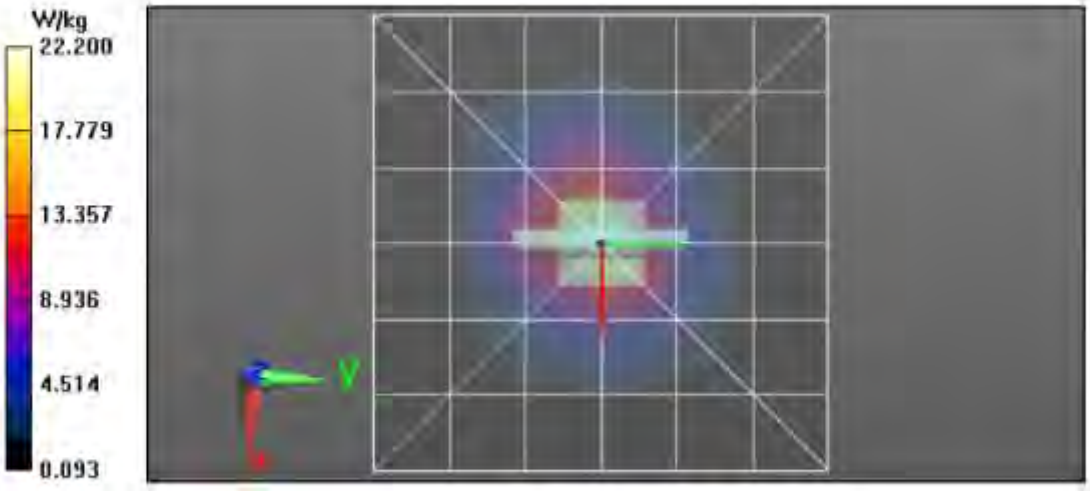
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.65 S/m; ε_r = 32.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 67.32 V/m; Power Drift = 0.12 dB
Fast SAR: SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.7 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 = 67.32 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 36.0 W/kg
SAR(1 g) = 8.86 W/kg; SAR(10 g) = 2.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.9 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) = 26.8 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/28/2020 9:04:46 AM

Robot#: DASY5-PG-3 | Run#: AM-SYSP-5600H-200628-01
Dipole Model#: D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.3 (C)
Serial#: 1026
Test Freq: 5600.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.14 dB
Adjusted SAR (1W): 92.40 mW/g (1g)

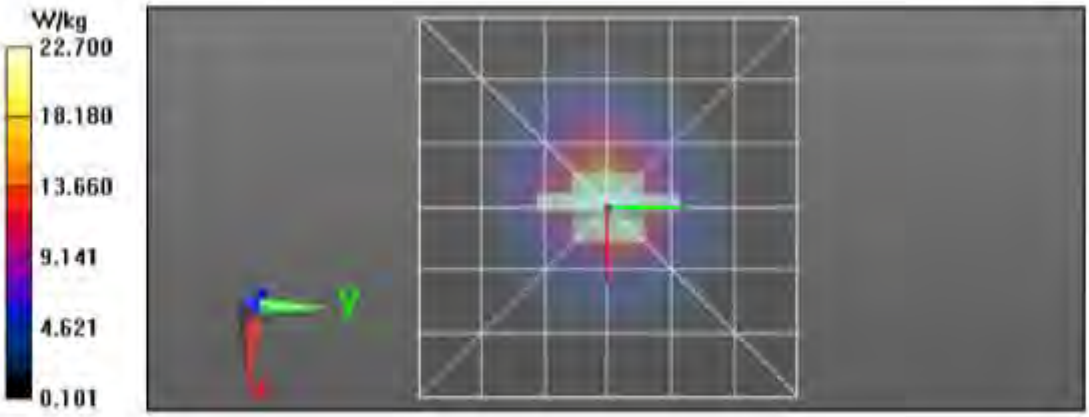
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.96 S/m; ε_r = 36.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 69.86 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 8.85 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 23.6 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 = 69.86 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 37.8 W/kg
SAR(1 g) = 9.24 W/kg; SAR(10 g) = 2.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 22.1 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) = 26.6 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/1/2020 8:19:01 AM

Robot#: DASY5-PG-3 | Run#: FAZ-SYSP-5600H-200701-03#
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 21.1 (C)
Serial#: 1026
Test Freq: 5600.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.180 dB
Adjusted SAR (1W): 87.70 mW/g (1g)

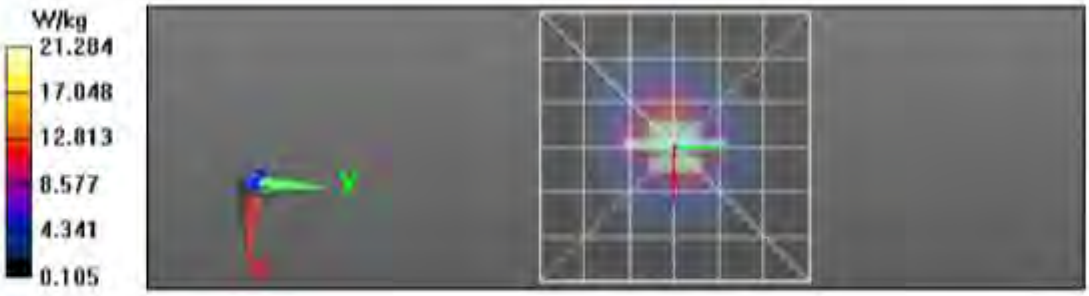
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.85 S/m; ε_r = 33.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 65.87 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.1 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 = 65.87 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 35.7 W/kg
SAR(1 g) = 8.77 W/kg; SAR(10 g) = 2.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.9 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) = 24.7 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/2/2020 2:34:59 PM

Robot#: DASY5-PG-3 | Run#: FAZ-SYSP-5600H-200702-06
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 22.0 (C)
Serial#: 1026
Test Freq: 5600.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.12 dB
Adjusted SAR (1W): 87.10 mW/g (1g)

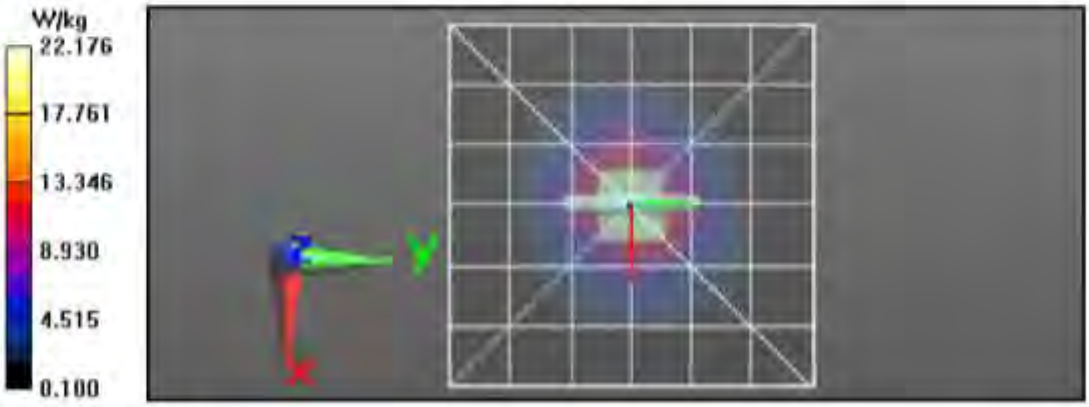
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.69 S/m; ε_r = 33.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 67.47 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.24 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 22.2 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 = 67.47 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 35.1 W/kg
SAR(1 g) = 8.71 W/kg; SAR(10 g) = 2.52 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 20.5 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) = 26.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/6/2020 12:40:11 AM

Robot#: DASY5-PG-3 | Run#: MA-SYSP-5600H-200806-01#
Dipole Model# D5GHzV2
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 1026
Test Freq: 5600.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.11 dB
Adjusted SAR (1W): 84.70 mW/g (1g)

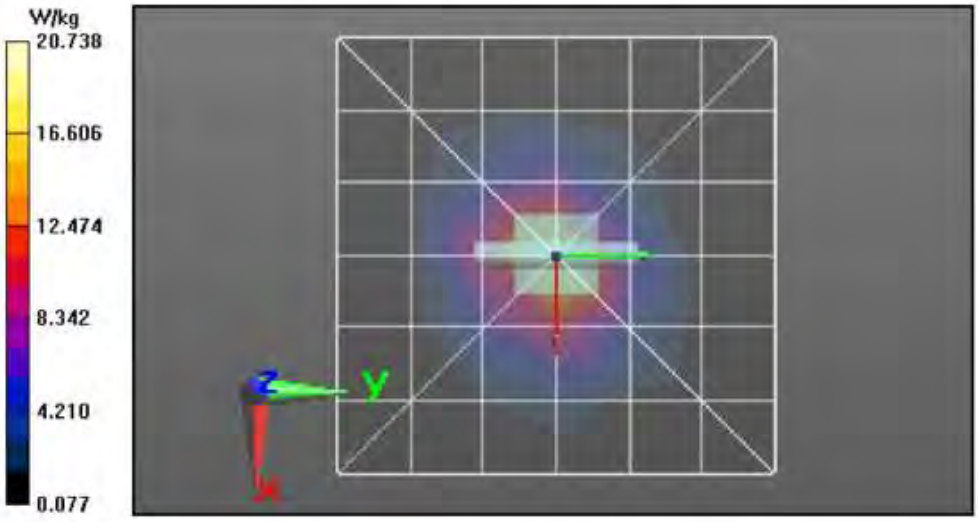
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.71 S/m; ε_r = 33; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

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 = 62.27 V/m; Power Drift = 0.16 dB
Fast SAR: SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.4 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 = 62.27 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 34.6 W/kg
SAR(1 g) = 8.47 W/kg; SAR(10 g) = 2.45 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 = 55%
Maximum value of SAR (measured) = 20.1 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) = 20.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/10/2020 10:42:17 PM

Robot#: DASY5-PG-3 | Run#: MA-SYSP-5600H-200810-19
Dipole Model# D5GHzV2
Phantom#: SAMTP 1384
Tissue Temp: 22.5 (C)
Serial#: 1026
Test Freq: 5600.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.180 dB
Adjusted SAR (1W): 82.80 mW/g (1g)

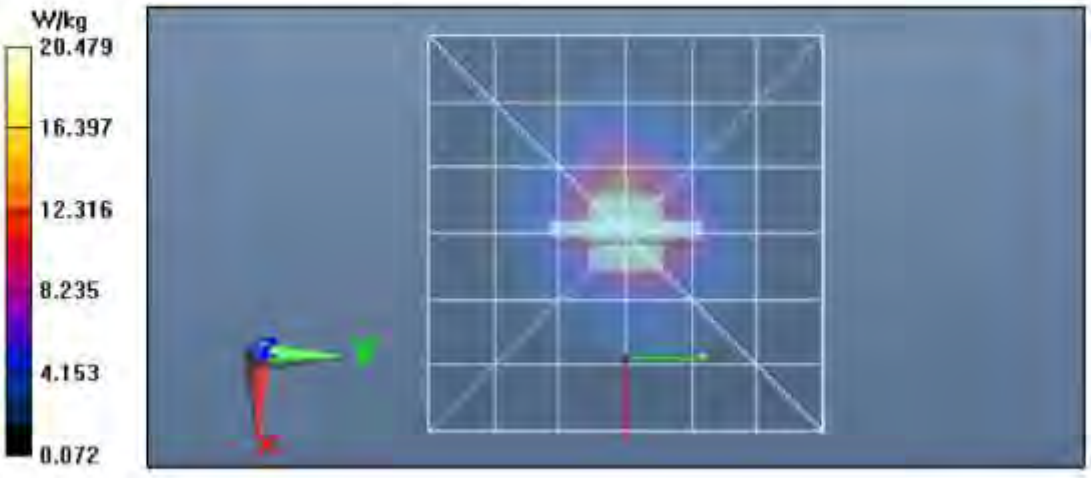
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 5600 MHz; σ = 4.6 S/m; ε_r = 32.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5600 MHz, ConvF(4.85, 4.85, 4.85) @ 5600 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1): Interpolated grid:
dx=0.9000 mm, dy=0.9000 mm
Reference Value = 72.20 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.5 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 72.20 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 33.8 W/kg
SAR(1 g) = 8.28 W/kg; SAR(10 g) = 2.38 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 = 55%
Maximum value of SAR (measured) = 20.0 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) = 24.8 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/16/2021 3:51:35 PM

Robot#: DASY5-PG-2 | Run#: BL(AF)-SYSP-5750H-210616-04
Dipole Model# D5GHzV2
Phantom#: ELI5 1150
Tissue Temp: 19.7 (C)
Serial#: 1027
Test Freq: 5750.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.094 dB
Adjusted SAR (1W): 76.70 mW/g (1g)

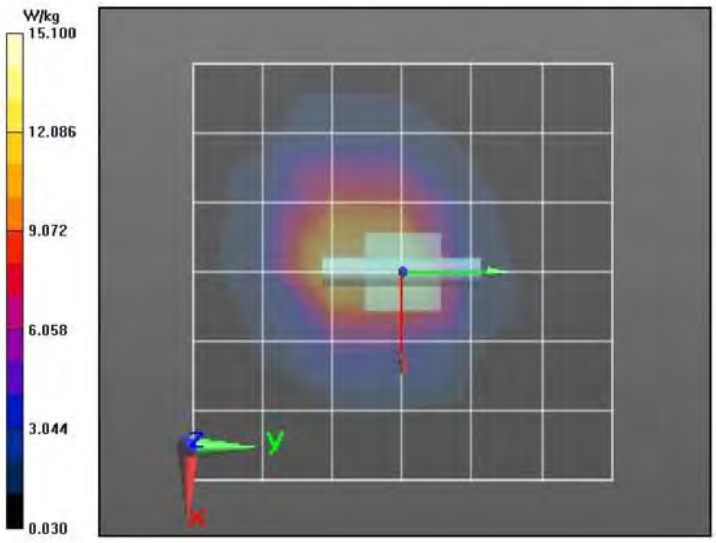
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 5750 MHz; σ = 4.99 S/m; ε_r = 37.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 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 = 71.12 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 7.42 W/kg; SAR(10 g) = 2.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.4 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 = 71.12 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 32.8 W/kg
SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.18 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 52.2%
Maximum value of SAR (measured) = 18.2 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) = 20.8 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2021 3:38:22 PM

Robot#: DASY5-PG-2 | Run#: BL(AF)-SYSP-5750H-210617-11
Dipole Model# D5GHzV2
Phantom#: ELI5 1150
Tissue Temp: 20.1 (C)
Serial#: 1027
Test Freq: 5750.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.200 dB
Adjusted SAR (1W): 74.90 mW/g (1g)

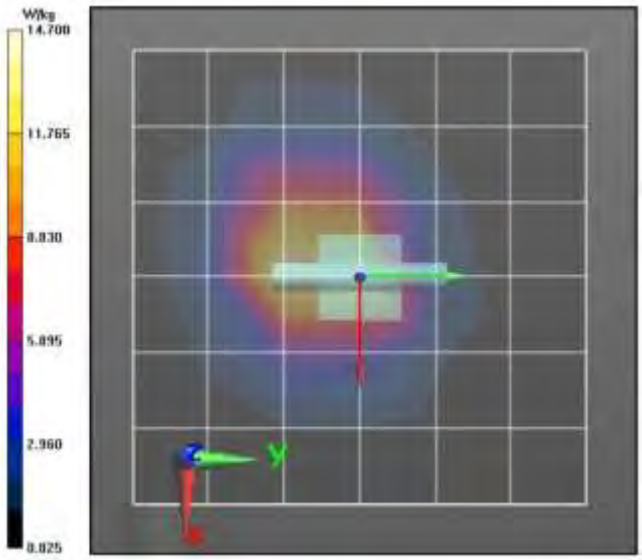
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 5750 MHz; σ = 4.79 S/m; ε_r = 38.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 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 = 71.17 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 7.22 W/kg; SAR(10 g) = 1.98 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 19.7 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 = 71.17 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 32.4 W/kg
SAR(1 g) = 7.49 W/kg; SAR(10 g) = 2.14 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 17.8 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) = 19.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/19/2021 5:05:28 PM

Robot#: DASY5-PG-2 | Run#:	AM(SAN)-SYSP-5750H-210619-09
Dipole Model#	D5GHzV2
Phantom#:	ELI5 1150
Tissue Temp:	19.9 (C)
Serial#:	1027
Test Freq:	5750.0000 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.200 dB
Adjusted SAR (1W):	81.40 mW/g (1g)

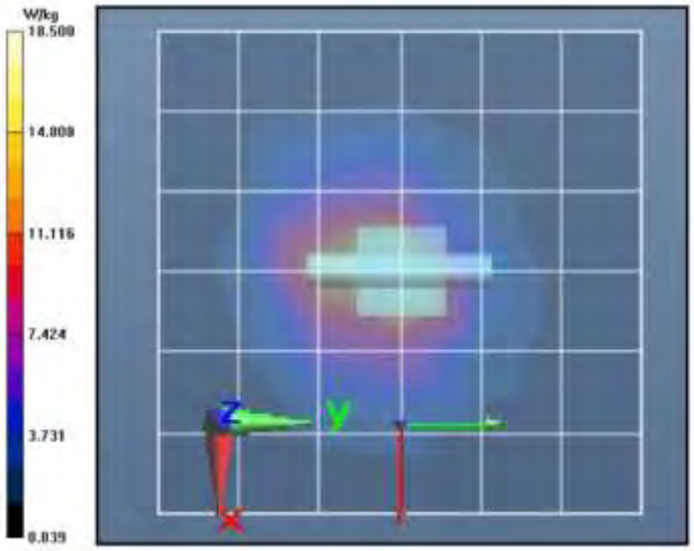
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 5750 MHz; σ = 4.72 S/m; ε_r = 33.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 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 = 72.22 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.8 W/kg

4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 72.22 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 36.1 W/kg
SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 52%
Maximum value of SAR (measured) = 19.8 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) = 19.7 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/20/2021 5:04:22 PM

Robot#: DASY5-PG-2 | Run#: AM(SAN)-SYSP-5750H-210620-12
Dipole Model# D5GHzV2
Phantom#: ELI5 1150
Tissue Temp: 20.3 (C)
Serial#: 1027
Test Freq: 5750.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.210 dB
Adjusted SAR (1W): 79.00 mW/g (1g)

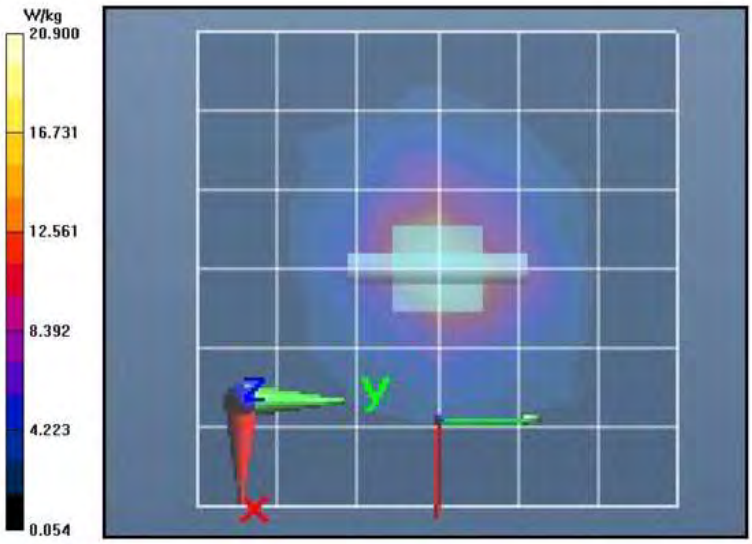
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 5750 MHz; σ = 4.7 S/m; ε_r = 34.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 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 = 74.55 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 21.2 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 = 74.55 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 33.9 W/kg
SAR(1 g) = 7.9 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.9%
Maximum value of SAR (measured) = 18.5 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) = 20.5 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/21/2021 1:37:34 PM

Robot#: DASY5-PG-2 | Run#: MA(RY)-SYSP-5750H-210621-05

Dipole Model#	D5GHzV2
Phantom#:	ELI5 1150
Tissue Temp:	20.3 (C)
Serial#:	1027
Test Freq:	5750 (MHz)
Start Power:	100 (mW)
Rotation (1D):	0.086 dB
Adjusted SAR (1W):	75.8 mW/g (1g)

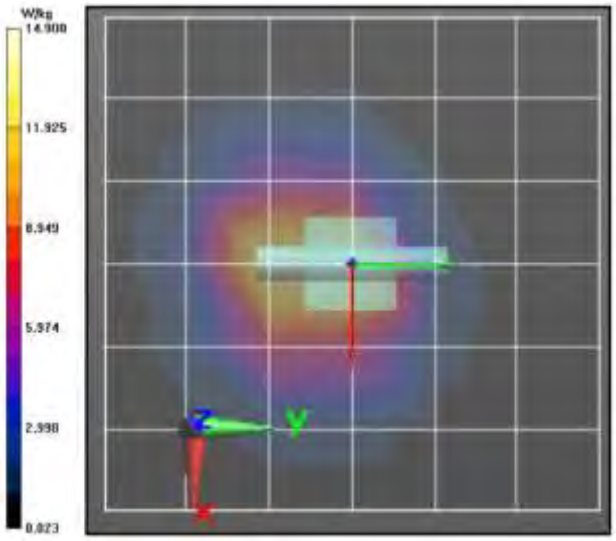
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 5750 MHz; σ = 4.77 S/m; ε_r = 36.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 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 = 70.05 V/m; Power Drift = 0.18 dB
Fast SAR: SAR(1 g) = 7.05 W/kg; SAR(10 g) = 1.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 19.4 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 = 70.05 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 33.6 W/kg
SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.16 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 = 51.2%
Maximum value of SAR (measured) = 17.8 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) = 20.0 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/22/2021 12:45:12 PM

Robot#: DASY5-PG-2 | Run#: MA(MFR)-SYSP-5750H-210622-07
Dipole Model# D5GHzV2
Phantom#: ELI5 1150
Tissue Temp: 21.7(C)
Serial#: 1027
Test Freq: 5750.0000 (MHz)
Start Power: 100 (mW)
Rotation (1D): 0.17 dB
Adjusted SAR (1W): 82.40 mW/g (1g)

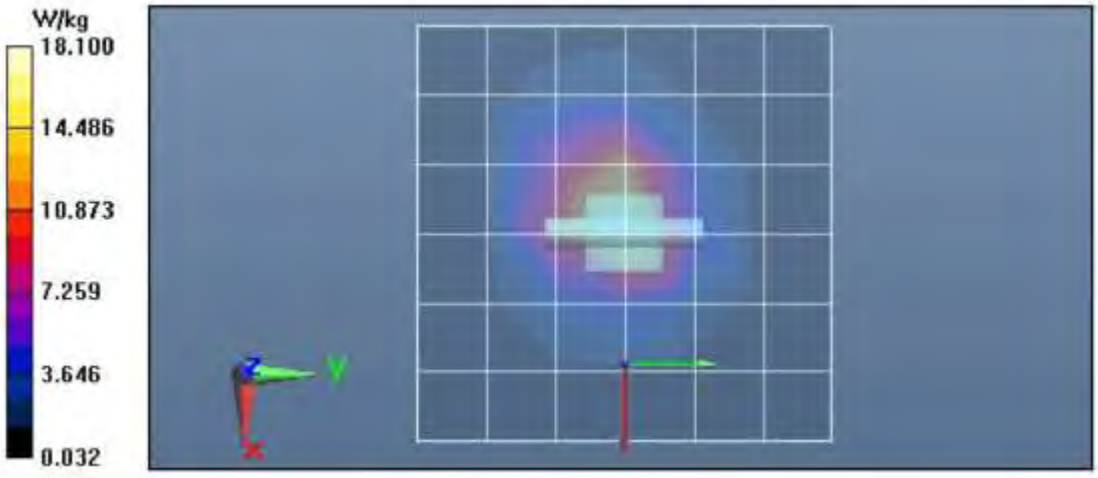
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 5750 MHz; σ = 4.72 S/m; ε_r = 35.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 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 = 67.50 V/m; Power Drift = 0.17 dB
Fast SAR: SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 20.6 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 = 67.50 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 35.7 W/kg
SAR(1 g) = 8.24 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 19.4 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) = 18.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/20/2021 8:54:17 PM

Robot#: DASY5-PG-2	Run#: BL(MH)-SYSP-450H-210120-10
Dipole Model#	D450V3
Phantom#:	ELI4 1108
Tissue Temp:	20.9 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.026 dB
Adjusted SAR (1W):	4.68 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 43.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, Calibrated: 5/29/2020, Frequency: 450 MHz, ConvF(11.2, 11.2, 11.2) @ 450 MHz
Electronics: DAE4 Sn1294, Calibrated: 5/27/2020

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

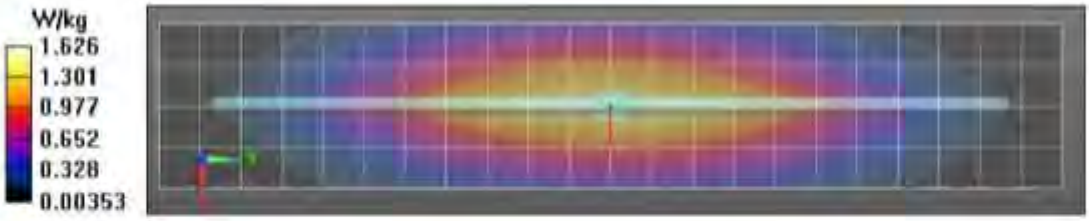
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.46 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.892 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.63 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.46 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.777 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62%
Maximum value of SAR (measured) = 1.62 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.63 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/10/2022 3:35:49 PM

Robot#: DASY5-PG-3	Run#: BAD(DAN)-SYSP-450H-220110-01
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	20.5(C)
Serial#:	1054
Test Freq:	450.0000(MHz)
Start Power:	250(mW)
Rotation (1D):	0.11dB
Adjusted SAR (1W):	4.60mW/g (1g)

Comments:

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

Medium parameters used: f = 450 MHz; σ = 0.87 S/m; ε_r = 41.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021; Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz

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

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 44.31 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.859 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.57 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 44.31 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.769 W/kg (SAR corrected for target medium)

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

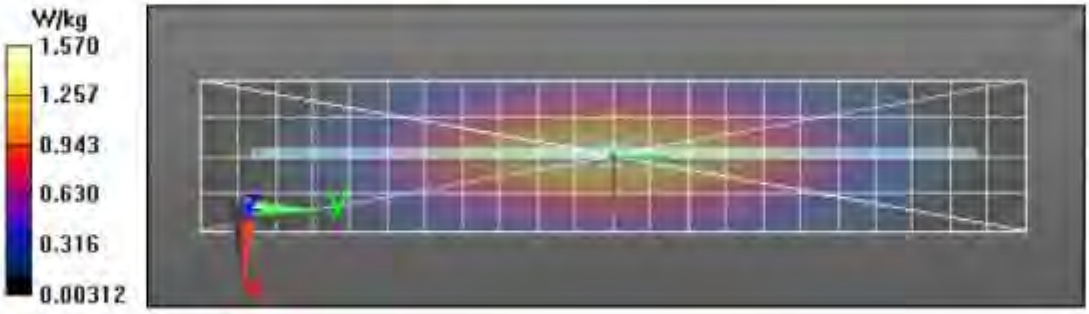
Ratio of SAR at M2 to SAR at M1 = 64.4%

Maximum value of SAR (measured) = 1.57 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 1.57 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/12/2022 10:40:06 AM

Robot#: DASY5-PG-3	Run#: BAD-SYSP-450H-220112-06
Dipole Model#	D450V3
Phantom#	ELI4 1028
Tissue Temp:	20.3 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.18 dB
Adjusted SAR (1W):	4.84 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.87 S/m; ε_r = 43.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

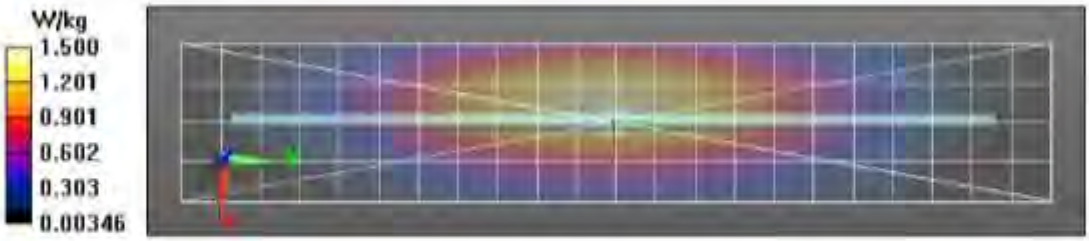
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 45.19 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.898 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.61 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.19 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.808 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 64.9%
Maximum value of SAR (measured) = 1.63 W/kg

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

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



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/11/2022 10:06:17 AM

Robot#: DASY5-PG-3 | Run#:	BAD(DAN)-SYSP-2450H-220111-05
Dipole Model#	D2450V2
Phantom#:	ELI4 1028
Tissue Temp:	19.5 (C)
Serial#:	782
Test Freq:	2450.0000 (MHz)
Start Power:	250(mW)
Rotation (1D):	0.1 dB
Adjusted SAR (1W):	53.60 mW/g (1g)

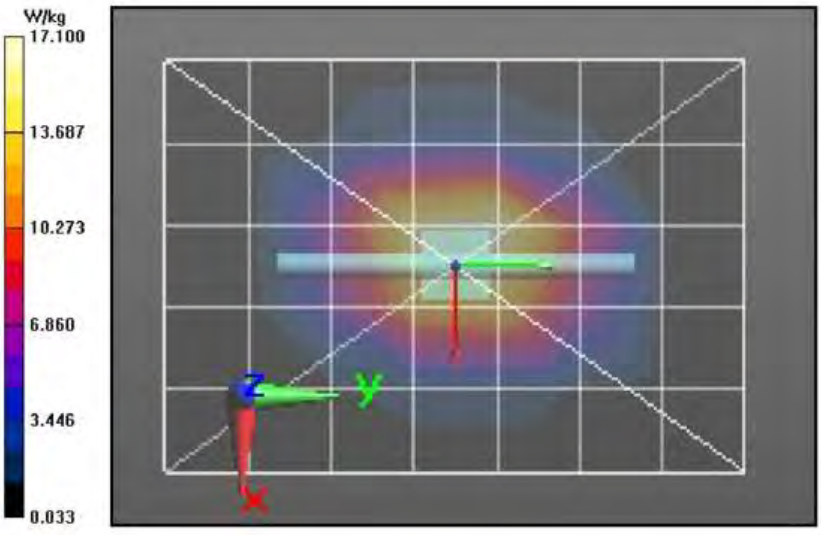
Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 2450 MHz; σ = 1.86 S/m; ε_r = 41; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2450 MHz, ConvF(7.83, 7.83, 7.83) @ 2450 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x71x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Reference Value = 113.5 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 14 W/kg; SAR(10 g) = 6.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 24.0 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 = 113.5 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 27.7 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.24 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 22.4 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) = 22.3 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/21/2022 1:04:20 AM

Robot#: DASY5-PG-1 | Run#:	FZ-SYSP-450H-220221-01
Dipole Model#	D450V3
Phantom#:	ELI4 1022
Tissue Temp:	20.0 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.098 dB
Adjusted SAR (1W):	4.72 mW/g (1g)

Comments:

Communication System Band: D450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.88 S/m; ε_r = 43.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 450 MHz, ConvF(11.24, 11.24, 11.24) @ 450 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.92 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.879 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.62 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.92 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.801 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.9%
Maximum value of SAR (measured) = 1.60 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) = 1.60 W/kg

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/25/2022 3:53:33 PM

Robot#: DASY5-PG-1 | Run#:	AF-SYSP-450H-220225-11
Dipole Model#	D450V3
Phantom#:	ELI4 1028
Tissue Temp:	19.7 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.100 dB
Adjusted SAR (1W):	4.56 mW/g (1g)

Comments:

Communication System Band: D450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 41.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 450 MHz, ConvF(11.24, 11.24, 11.24) @ 450 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

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

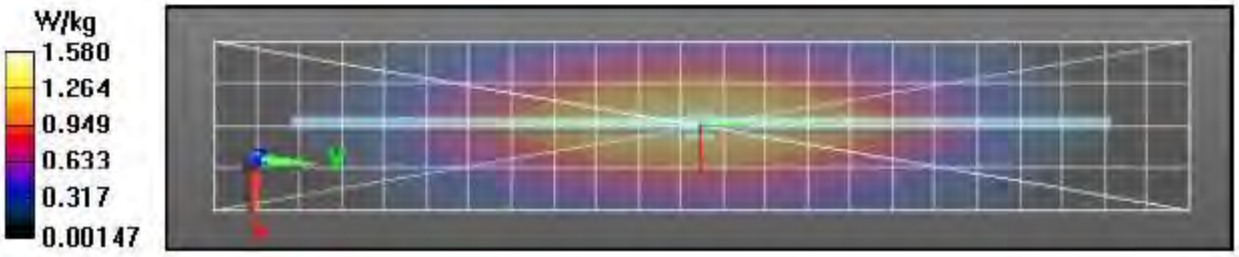
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.63 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.843 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.58 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.63 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.772 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%
Maximum value of SAR (measured) = 1.57 W/kg

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

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.58 W/kg



Appendix E
DUT Scans

Assessments at the FCC LMR Body with body worn HLN6602A - Table 18

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/30/2020 2:06:17 AM

Robot#: DASY5-PG-1 | Run#:	AM(AR)-AB-200730-02#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	21.2 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	HLN6602A
Audio Acc:	None
Start Power:	2.44 (W)

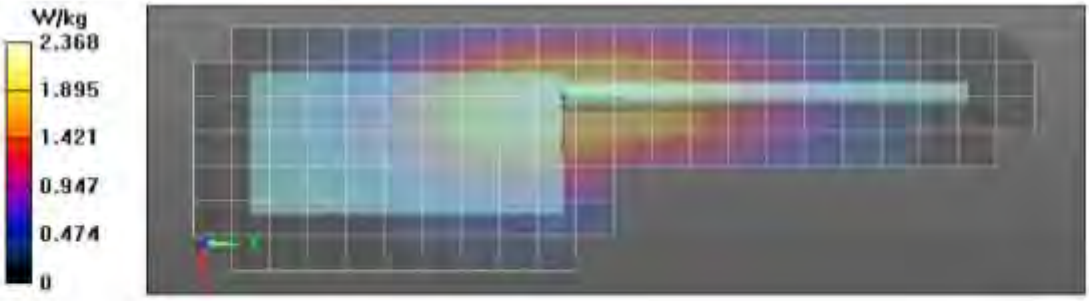
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz, σ = 0.89 S/m; ε_r = 42.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 52.33 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.38 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.41 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.33 V/m; Power Drift = -0.42 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 1.45 W/kg; SAR(10 g) = 1.02 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 = 63.9%
Maximum value of SAR (measured) = 1.91 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) = 2.23 W/kg



Assessments at the FCC LMR Body with body worn PMLN8181A - Table 19

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/30/2020 8:57:03 AM

Robot#: DASY5-PG-1 | Run#: ZZ-AB-200730-06#
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI5 1147
Tissue Temp: 21.0 (C)
Serial#: 767TWK0012
Antenna: PMAE4100A
Test Freq: 450.0000 (MHz)
Battery: PMNN4801A
Carry Acc: PMLN8181A
Audio Acc: None
Start Power: 2.43 (W)

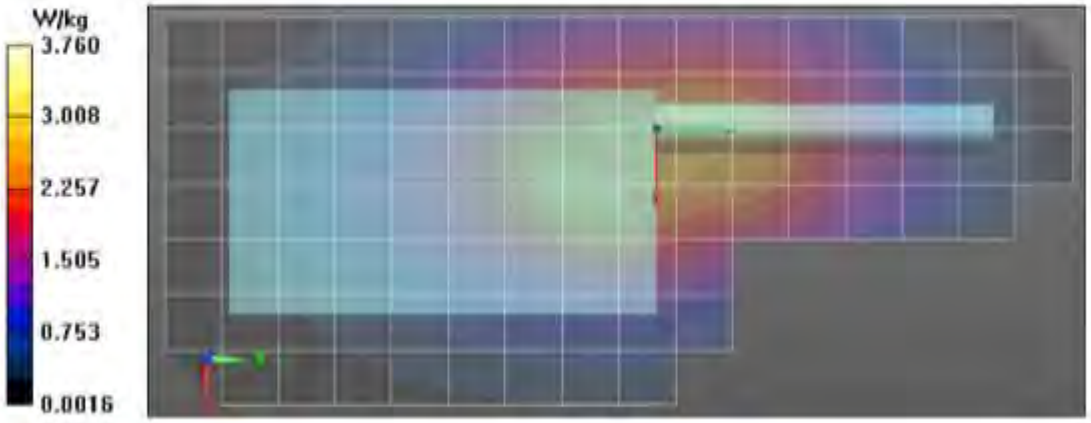
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz, σ = 0.89 S/m, ε_r = 42.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533; Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 58.85 V/m; Power Drift = 0.07 dB
Fast SAR: SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.41 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.85 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 4.50 W/kg
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.81 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 29.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.9%
Maximum value of SAR (measured) = 3.70 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.76 W/kg



Assessment at the FCC LMR Body with body worn PMLN8184A w/o belt loop w/ NTN5243A – Table 20

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/30/2020 12:35:02 PM

Robot#: DASY5-PG-1 | Run#:	ZZ-AB-200730-11#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	20.9 (C)
Serial#:	767TWK0012
Antenna:	PMAE4100A
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8184A w/o belt loop w/NTN5243A
Audio Acc:	None
Start Power:	2.39 (W)

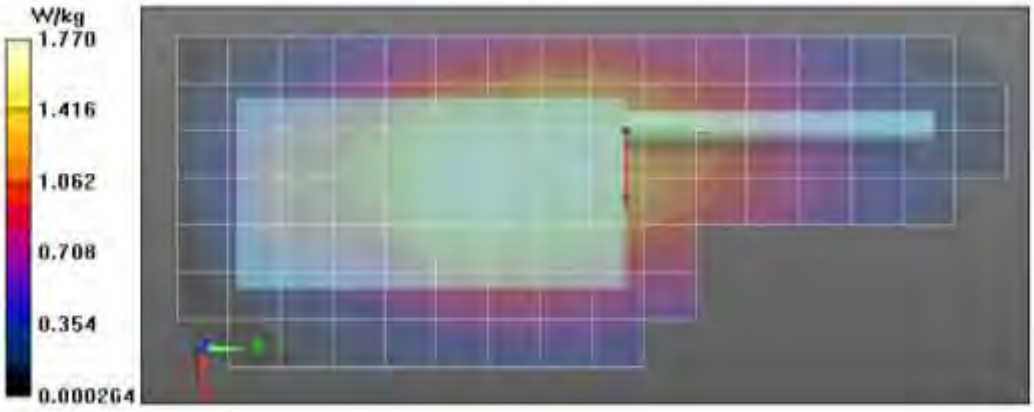
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz, σ = 0.89 S/m; ε_r = 42.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.38 V/m; Power Drift = 0.08 dB
Fast SAR: SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.85 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.38 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.44 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 61.8%
Maximum value of SAR (measured) = 1.88 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) = 1.77 W/kg



Assessments at the FCC LMR Body with body worn RLN4570A - Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 10/31/2021 2:38:06 AM

Robot#: DASY5-PG-2 | Run#: MFR-AB-211031-03#
Model#: AZH77PCN6TZ5AN (PMUE5551B)
Phantom#: ELI4 1103
Tissue Temp: 21.7(C)
Serial#: 767TXV0823
Antenna: PMAE4022B
Test Freq: 450.0000 (MHz)
Battery: PMNN4801A
Carry Acc: RLN4570A
Audio Acc: None
Start Power: 2.29 (W)

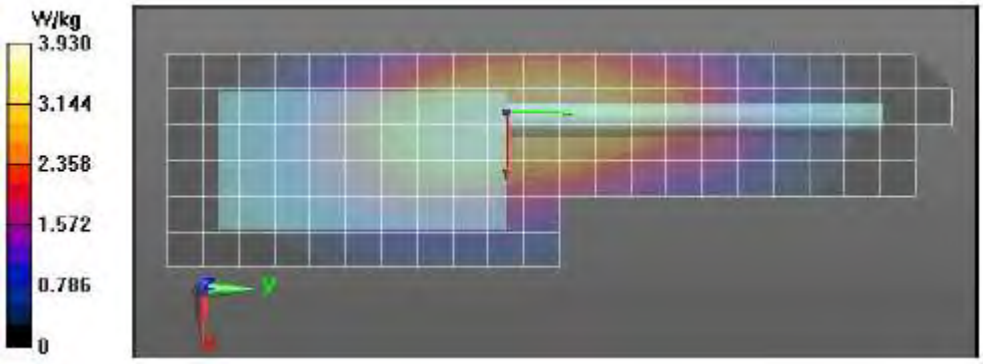
Comments:

Communication System Band: Wolverine, Communication System UID: 0, Duty Cycle: 1:1.59956,
Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 68.58 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 3.19 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.94 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 = 68.58 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.92 W/kg
SAR(1 g) = 3.24 W/kg; SAR(10 g) = 2.28 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 26.2 mm
Ratio of SAR at M2 to SAR at M1 = 68.5%
Maximum value of SAR (measured) = 4.30 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.73 W/kg



Assessments at the FCC LMR Body with body worn RLN4815A - Table 22

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/3/2020 9:48:36 AM

Robot#: DASY5-PG-1	Run#: AM(AR)-AB-200803-02
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	20.9 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	RLN4815A
Audio Acc:	None
Start Power:	2.50 (W)

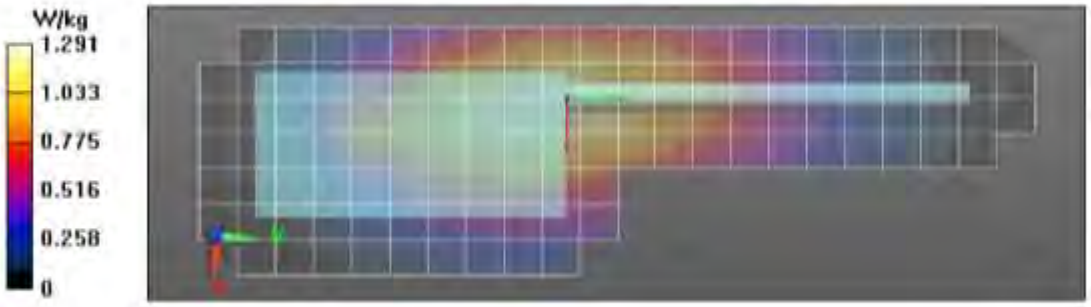
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.27 V/m; Power Drift = -0.36 dB
Fast SAR: SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.775 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.31 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 = 38.27 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.705 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%
Maximum value of SAR (measured) = 1.28 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) = 1.24 W/kg



Assessments at the FCC LMR Body with body worn PMLN5616B - Table23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/3/2020 11:57:34 AM

Robot#: DASY5-PG-1	Run#: AM(AR)-AB-200803-05
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	20.0 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN5616B
Audio Acc:	None
Start Power:	2.49 (W)

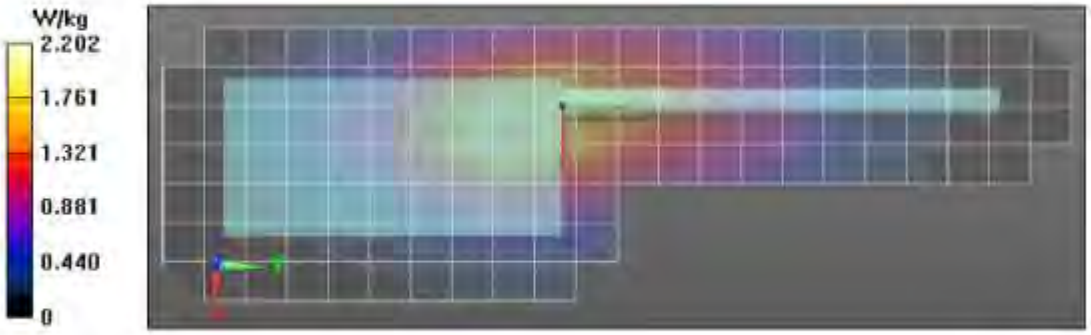
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 45.96 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 1.76 W/kg; SAR(10 g) = 1.21 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.25 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 = 45.96 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 1.54 W/kg; SAR(10 g) = 1.06 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 = 59.2%
Maximum value of SAR (measured) = 2.13 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) = 2.12 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN8025A w/ GMDN0386A - Table 24

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/3/2020 2:18:40 PM

Robot#: DASY5-PG-1	Run#: AM(AR)-AB-200803-08
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	20.3 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN8025A w/GMDN0386A
Audio Acc:	None
Start Power:	2.51 (W)

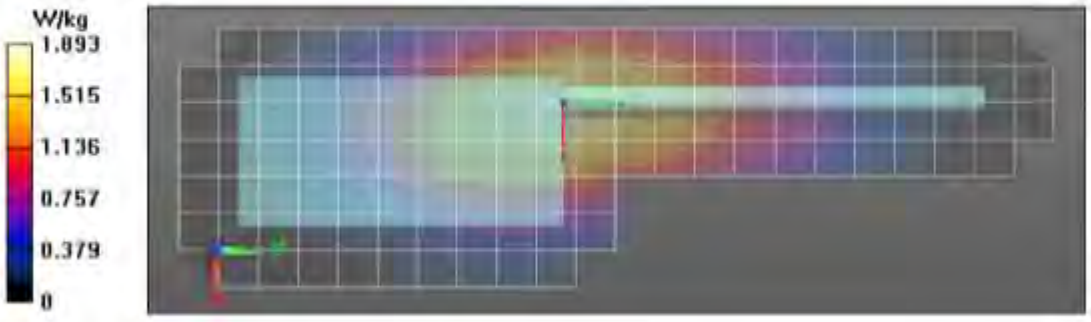
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz, σ = 0.91 S/m, ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 46.04 V/m; Power Drift = -0.19 dB
Fast SAR: SAR(1 g) = 1.54 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.91 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 = 46.04 V/m; Power Drift = -0.98 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.43 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.3%
Maximum value of SAR (measured) = 1.88 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) = 1.44 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN8025A w/ GMDN0445AA - Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 4:17:48 AM

Robot#: DASY5-PG-1 | Run#:	ZZ-AB-200804-07#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	20.8 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN8025A w/GMDN0445AA
Audio Acc:	None
Start Power:	2.41 (W)

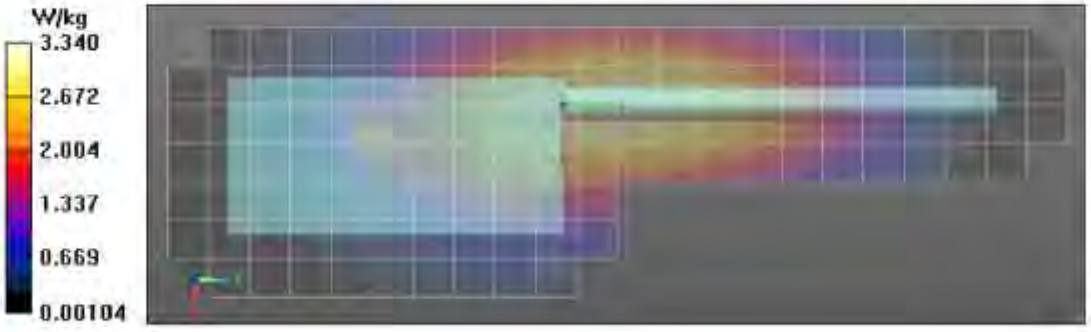
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz, σ = 0.91 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 61.62 V/m; Power Drift = -0.15 dB
Fast SAR: SAR(1 g) = 2.74 W/kg; SAR(10 g) = 1.97 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.39 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 = 61.62 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.02 W/kg
SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.86 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 = 64.1%
Maximum value of SAR (measured) = 3.45 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.34 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN8025A w/ GMDN0445AC - Table 26

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/3/2020 9:24:48 PM

Robot#: DASY5-PG-1 | Run#:	ZZ-AB-200803-16
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	21.1 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN8025A w/GMDN0445AC
Audio Acc:	None
Start Power:	2.43 (W)

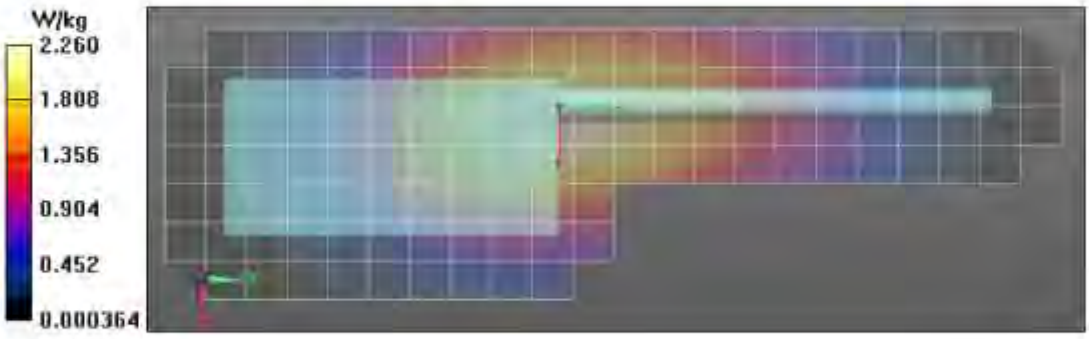
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.00 V/m, Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.32 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 = 50.00 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 1.78 W/kg; SAR(10 g) = 1.3 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%
Maximum value of SAR (measured) = 2.33 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) = 2.26 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN8025A w/ GMDN0566AC - Table 27

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 12:29:16 AM

Robot#: DASY5-PG-1	Run#: ZZ-AB-200804-01#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	EL15 1147
Tissue Temp:	20.8 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN8025A w/GMDN0566AC
Audio Acc:	None
Start Power:	2.39 (W)

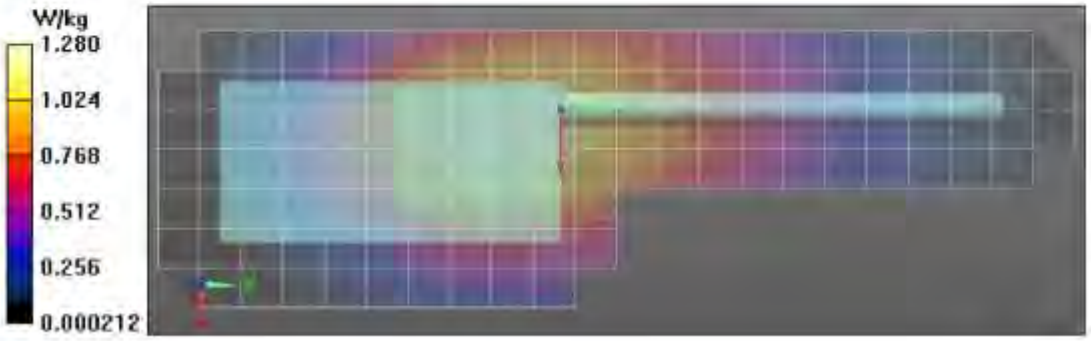
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz, σ = 0.91 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.42 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.732 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.23 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.42 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.737 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 = 48.3%
Maximum value of SAR (measured) = 1.32 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.28 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN8025A w/ WALN4307 - Table 28

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 2:32:10 AM

Robot#: DASY5-PG-1 | Run#: ZZ-AB-200804-04#
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: EL15 1147
Tissue Temp: 21.0 (C)
Serial#: 767TWK0012
Antenna: PMAE4022B
Test Freq: 450.0000 (MHz)
Battery: PMNN4801A
Carry Acc: PMLN8185A w/PMLN8025A w/WALN4307
Audio Acc: None
Start Power: 2.48 (W)

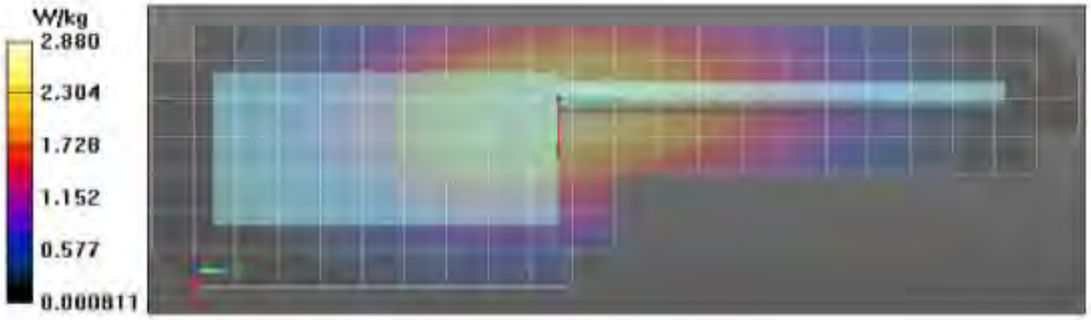
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.91 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 55.26 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.82 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 = 55.26 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.35 W/kg
SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.57 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.1%
Maximum value of SAR (measured) = 2.88 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) = 2.88 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN5004B w/ GMDN0386A - Table 29

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 10:23:47 AM

Robot#: DASY5-PG-1	Run#: AM(AR)-AB-200804-10
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	EL15 1147
Tissue Temp:	20.9 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN5004B w/GMDN0386A
Audio Acc:	None
Start Power:	2.49 (W)

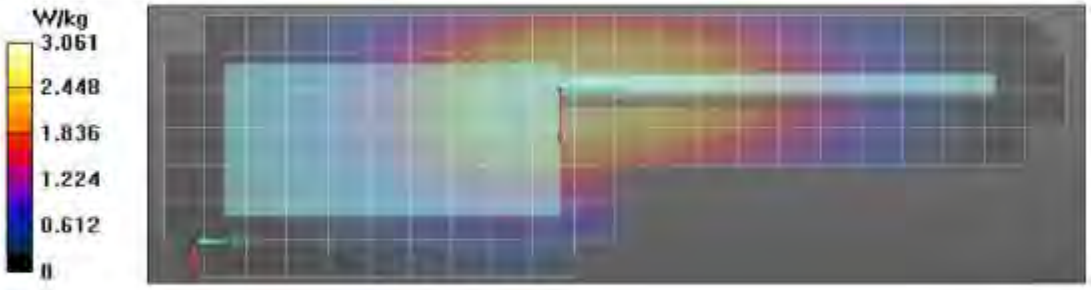
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 58.98 V/m; Power Drift = 0.07 dB
Fast SAR: SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.82 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.07 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 = 58.98 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.69 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.76 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.5%
Maximum value of SAR (measured) = 3.21 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.10 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN5004B w/ GMDN0445AA - Table 30

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 12:27:47 PM

Robot#: DASY5-PG-1 | Run#:	AM(AR)-AB-200804-13
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	EL15 1147
Tissue Temp:	20.9 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN5004B w/GMDN0445AA
Audio Acc:	None
Start Power:	2.43 (W)

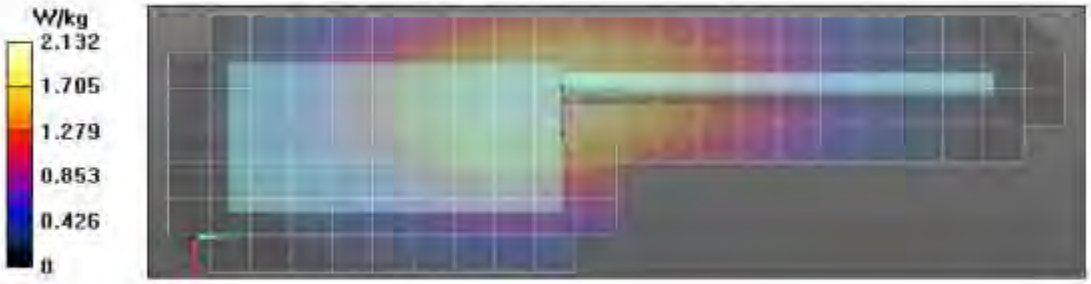
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 48.65 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.76 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.17 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.65 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 1.67 W/kg; SAR(10 g) = 1.23 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%
Maximum value of SAR (measured) = 2.16 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.19 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN5004B w/ GMDN0445AC - Table 31

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 2:47:15 PM

Robot#: DASY5-PG-1 | Run#:	AM(AR)-AB-200804-16
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	20.9 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN5004B w/GMDN0445AC
Audio Acc:	None
Start Power:	2.44 (W)

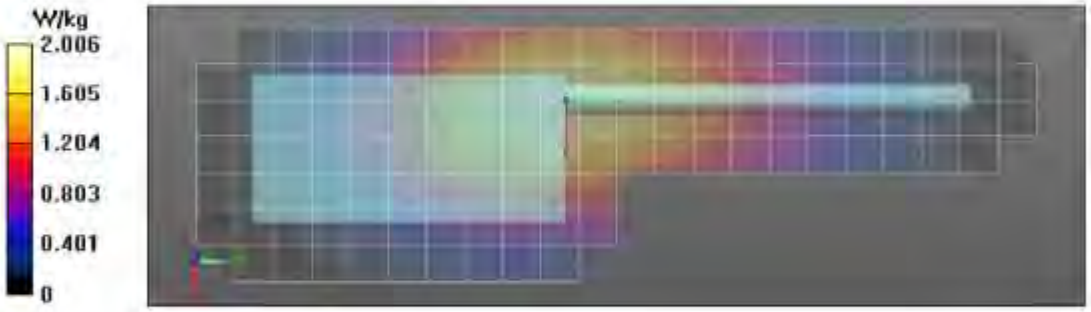
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 46.98 V/m; Power Drift = 0.11 dB
Fast SAR: SAR(1 g) = 1.64 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.02 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 = 46.98 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 1.57 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.6%
Maximum value of SAR (measured) = 2.02 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.93 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN5004B w/ GMDN0566AC - Table 32

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 7:56:06 PM

Robot#: DASY5-PG-1 | Run#: ZZ-AB-200804-19
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI5 1147
Tissue Temp: 21.2 (C)
Serial#: 767TWK0012
Antenna: PMAE4022B
Test Freq: 450.0000 (MHz)
Battery: PMNN4801A
Carry Acc: PMLN8185A w/PMLN5004B w/GMDN0566AC
Audio Acc: None
Start Power: 2.39 (W)

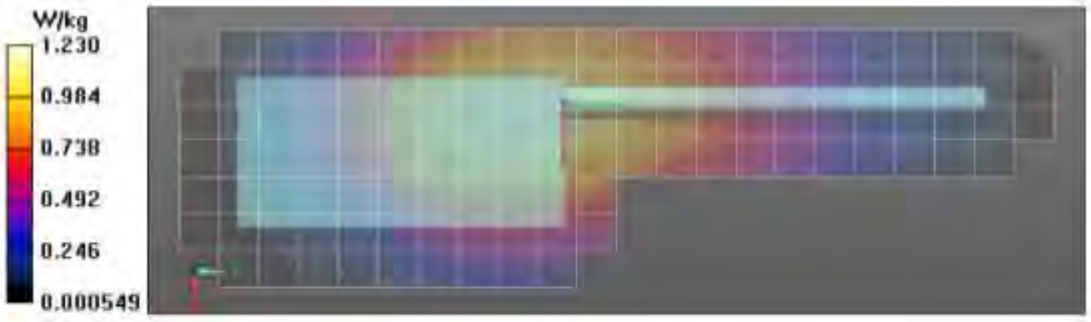
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 35.79 V/m; Power Drift = 0.09 dB
Fast SAR: SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.712 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.19 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 = 35.79 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.710 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.5%
Maximum value of SAR (measured) = 1.24 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) = 1.23 W/kg



Assessments at the FCC LMR Body with body worn PMLN8185A w/ PMLN5004B w/ WALN4307 - Table 33

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/4/2020 10:38:54 PM

Robot#: DASY5-PG-1 | Run#:	ZZ-AB-200804-22
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	21.1 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	PMLN8185A w/PMLN5004B w/WALN4307
Audio Acc:	None
Start Power:	2.38 (W)

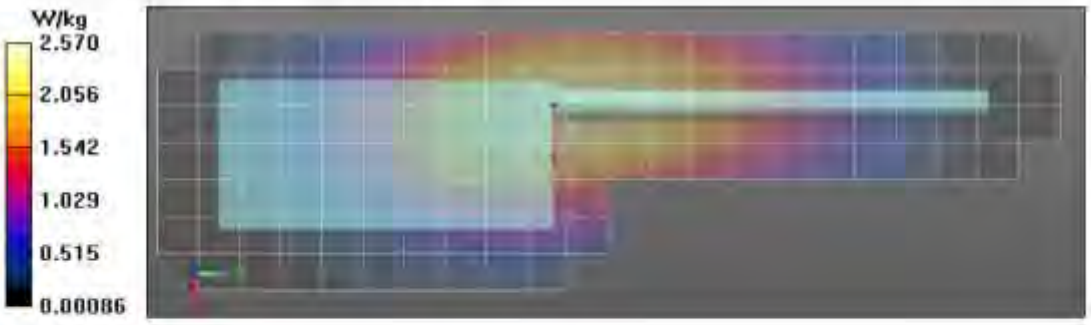
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 450 MHz, σ = 0.9 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 53.28 V/m; Power Drift = 0.16 dB
Fast SAR: SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.56 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 = 53.28 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.47 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) = 2.59 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) = 2.57 W/kg



Assessment at the Body with audio accessory and BT configurations (SSPD mode) - Table 34

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/5/2020 12:20:38 AM

Robot#: DASY5-PG-1 | Run#: ZZ-AB-200805-01#
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI5 1147
Tissue Temp: 21.2 (C)
Serial#: 767TWK0012
Antenna: PMAE4022B
Test Freq: 450.0000 (MHz)
Battery: PMNN4801A
Carry Acc: RLN4570A
Audio Acc: None (BT)
Start Power: 2.90 (W)

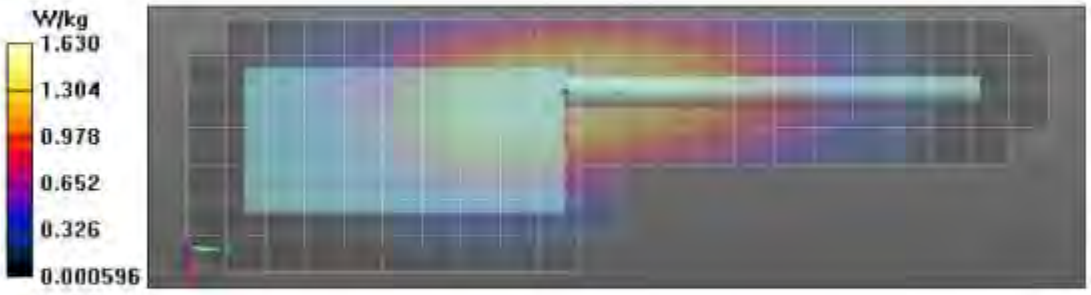
Comments:

Duty Cycle: 1:4.54988, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 450 MHz, ConvF(11.84, 11.84, 11.84) @ 450 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.62 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.44 W/kg; SAR(10 g) = 1.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.79 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.62 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.926 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 63.5%
Maximum value of SAR (measured) = 1.76 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) = 1.63 W/kg



Assessments at the FCC LMR Face - Table 36

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/31/2021 6:40:55 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-211031-08#
Model#: AZH77PCN6TZ5AN (PMUE5551B)
Phantom#: ELI4 1103
Tissue Temp: 21.2 (C)
Serial#: 767TXV0823
Antenna: PMAE4022B
Test Freq: 450.0000 (MHz)
Battery: PMNN4801A
Carry Acc.: @ front
Audio Acc: N/A
Start Power: 2.84 (W)

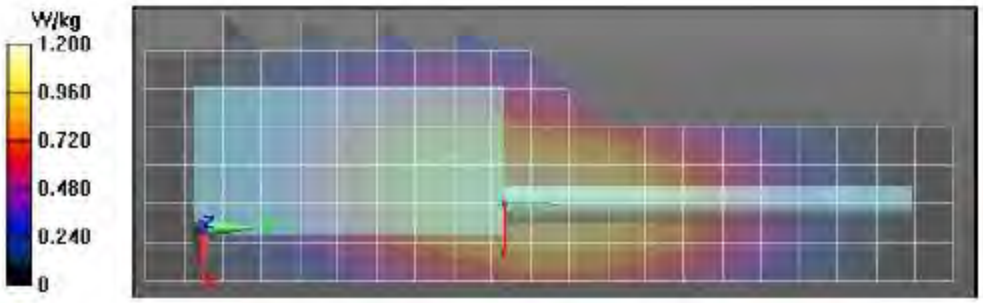
Comments:

Communication System Band: Wolverine, Communication System UID: 0, Duty Cycle: 1:4.54988,
Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 44.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.65, 11.65, 11.65) @ 450 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.54 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.713 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.20 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 = 37.54 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.697 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.6%
Maximum value of SAR (measured) = 1.23 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) = 1.22 W/kg



Assessments at the FCC LMR Head Left Ear - Table 38

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/7/2020 9:49:57 PM

Robot#: DASY5-PG-4 | Run#:	ZZ(MA)-LEAR-200607-13
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1384
Tissue Temp:	20.9 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	None, Tilt
Audio Acc:	N/A
Start Power:	2.92 (W)

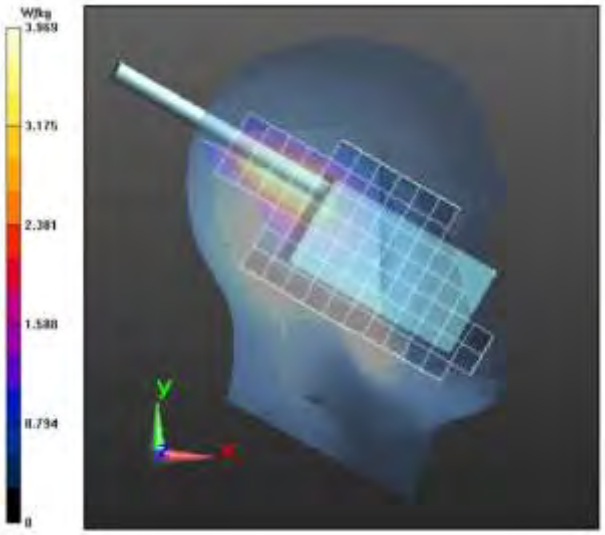
Comments: Tilt

Duty Cycle: 1:4.54988, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/1-Area Scan (71x211x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 66.85 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 3.21 W/kg; SAR(10 g) = 2.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.16 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.85 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 5.33 W/kg
SAR(1 g) = 3.22 W/kg; SAR(10 g) = 2.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.42 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/4-Z-Axis Scan (1x1x17): Measurement grid:
dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.43 W/kg



Assessments at the FCC LMR Head Right Ear - Table 39

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2020 9:52:37 PM

Robot#: DASY5-PG-4 | Run#:	NZ-REAR-200617-14
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1384
Tissue Temp:	20.8 (C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	None, Tilt
Audio Acc:	N/A
Start Power:	2.92 (W)

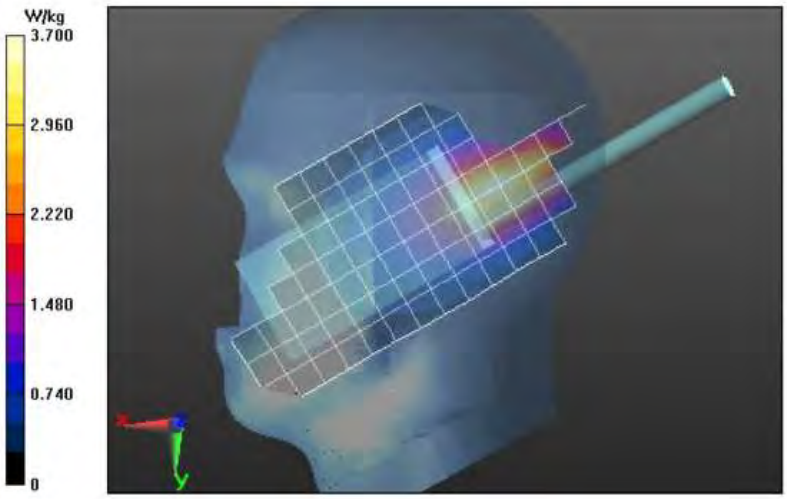
Comments: Tilt

Duty Cycle: 1:4.54988, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 43.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 450 MHz, ConvF(10.3, 10.3, 10.3) @ 450 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

Below 2 GHz-Rev.3/Right Ear-15D Tilt Position/1-Area Scan (71x201x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 53.11 V/m; Power Drift = 0.17 dB
Fast SAR: SAR(1 g) = 2.95 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.74 W/kg

Below 2 GHz-Rev.3/Right Ear-15D Tilt Position/3-Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.11 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 4.44 W/kg
SAR(1 g) = 2.77 W/kg; SAR(10 g) = 1.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.76 W/kg

Below 2 GHz-Rev.3/Right Ear-15D Tilt Position/4-Z-Axis Scan (1x1x17): Measurement grid:
dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.00 W/kg



Assessments at the FCC WLAN 2.4GHz Body - Table 41

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/10/2020 1:18:37 AM

Robot#: DASY5-PG-3	Run#: AM-AB-200610-02#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI4 1103
Tissue Temp:	22.1 (C)
Serial#:	767TWK0017
Antenna:	AN000354A01
Test Freq:	2412.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	RLN4570A
Audio Acc:	None
Start Power:	0.0148 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.42561,

Medium parameters used: f = 2412 MHz; σ = 1.83 S/m; ε_r = 35.4; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2412 MHz, ConvF(7.59, 7.59, 7.59) @ 2412 MHz

Electronics: DAE4 Sn850, Calibrated: 10/16/2019

2-3 GHz-Rev.3/Ab Scan/1-Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.523 V/m; Power Drift = 0.37 dB

Fast SAR: SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0794 W/kg

2-3 GHz-Rev.3/Ab Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.523 V/m; Power Drift = 0.32 dB

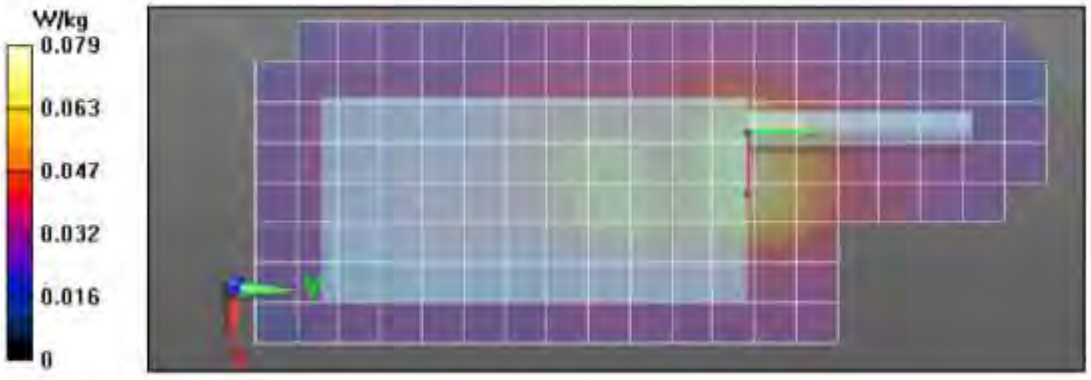
Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.032 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0791 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) = 0.0498 W/kg



Assessments at the FCC WLAN 2.4GHz Face - Table 42

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/12/2020 1:54:47 AM

Robot#: DASY5-PG-3 | Run#:	AM-FACE-200612-02
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	EL14 1103
Tissue Temp:	22.8 (C)
Serial#:	767TWK0013
Antenna:	AN000354A01
Test Freq:	2412.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	None, Radio front @2.5cm
Audio Acc:	None
Start Power:	0.0148 (W)

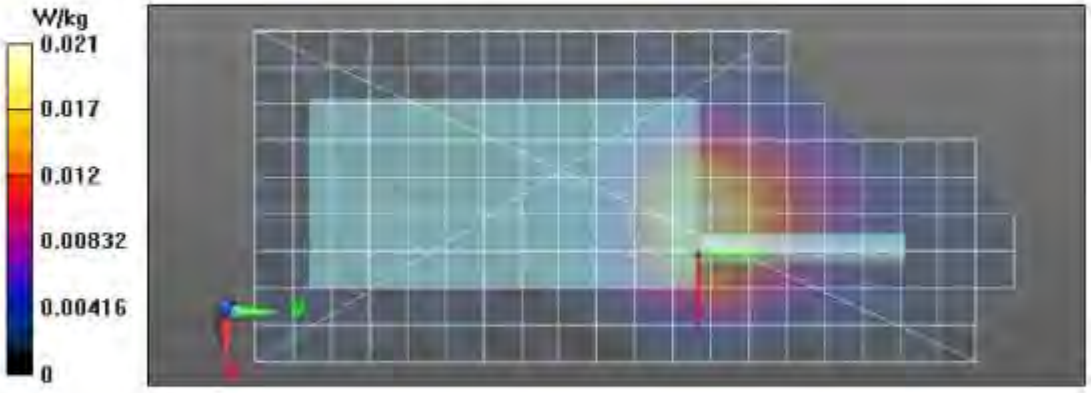
Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.42561,
Medium parameters used: f = 2412 MHz; σ = 1.75 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2412 MHz, ConvF(7.59, 7.59, 7.59) @ 2412 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

2-3 GHz-Rev.3/Face Scan/1-Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 3.126 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00794 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0208 W/kg

2-3 GHz-Rev.3/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.126 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0270 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00825 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0217 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) = 0.0210 W/kg



Assessments at the FCC WLAN 2.4GHz Head - Table 43

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/11/2020 8:51:44 PM

Robot#: DASY5-PG-3 | Run#:	AM-LEAR-200611-17
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1382
Tissue Temp:	23.1 (C)
Serial#:	767TWK0013
Antenna:	AN000354A01
Test Freq:	2412.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	Tilt
Audio Acc:	None
Start Power:	0.0148 (W)

Comments: Tilt

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.42561,

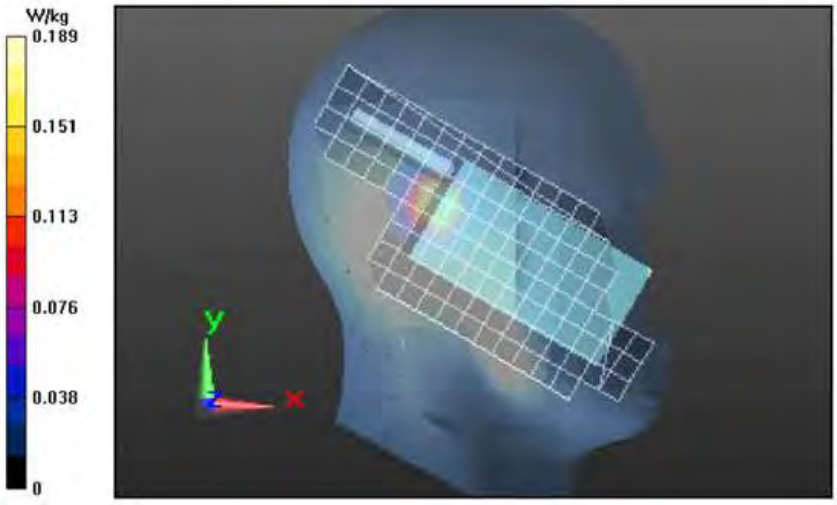
Medium parameters used: f = 2412 MHz; σ = 1.76 S/m; ε_r = 35.6; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2412 MHz, ConvF(7.59, 7.59, 7.59) @ 2412 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

2-3 GHz-Rev.3/Left Ear-15D Tilt position/1-Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 9.646 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.073 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.240 W/kg

2-3 GHz-Rev.3/Left Ear-15D Tilt position/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.646 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.073 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.224 W/kg

2-3 GHz-Rev.3/Left Ear-15D Tilt position/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.226 W/kg



Assessments at the FCC WLAN 5GHz U-NII-2A Body - Table 45

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/18/2020 11:14:26 PM

Robot#: DASY5-PG-3	Run#: AM-AB-200618-08
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	EL14 1028
Tissue Temp:	21.1 (C)
Serial#:	767TWK0017
Antenna:	AN000354A01
Test Freq:	5260.000 (MHz)
Battery:	PMNN4801A
Carry Acc:	RLN4570A
Audio Acc:	None
Start Power:	0.0155 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.25$ S/m; $\varepsilon_r = 33$; $\rho = 1000$ kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5260 MHz, ConvF(5.6, 5.6, 5.6) @ 5260 MHz

Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 10.50 V/m; Power Drift = -0.34 dB

Fast SAR: SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.083 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.446 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 = 10.50 V/m; Power Drift = -0.32 dB

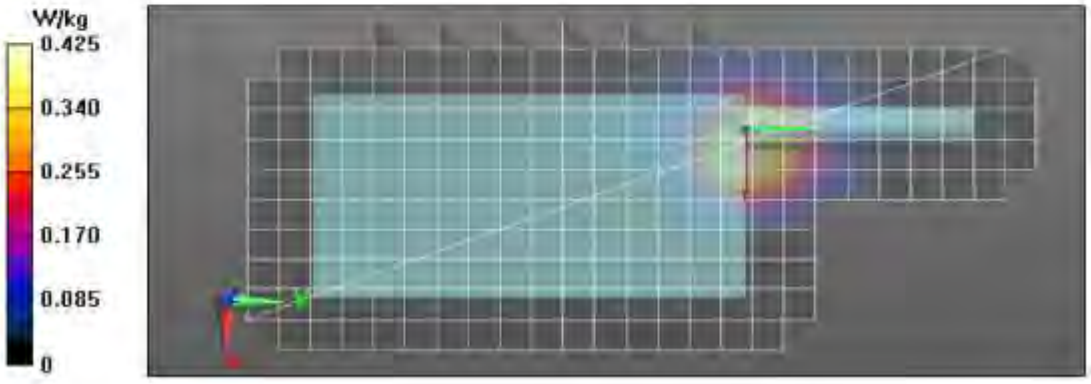
Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.086 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.441 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) = 0.177 W/kg



Assessments at the FCC WLAN 5GHz U-NII-2A Face - Table 46

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/22/2020 8:23:27 PM

Robot#: DASY5-PG-3	Run#: AM-FACE-200622-11#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI4 1028
Tissue Temp:	21.4 (C)
Serial#:	767TWK0017
Antenna:	AN000354A01
Test Freq:	5260.000 (MHz)
Battery:	PMNN4802A
Carry Acc:	None, Radio Back @2.5cm
Audio Acc:	None
Start Power:	0.0155 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,

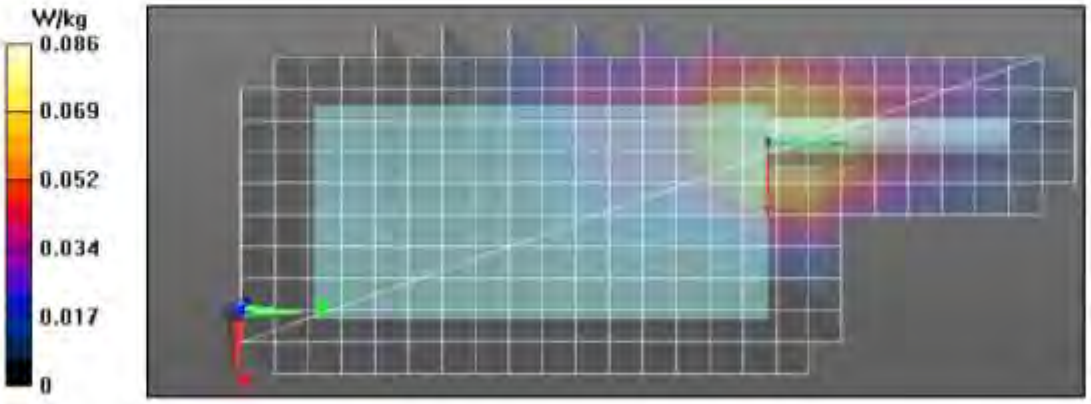
Medium parameters used: f = 5260 MHz; σ = 4.33 S/m; ε_r = 34; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5260 MHz, ConvF(5.6, 5.6, 5.6) @ 5260 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 3.456 V/m; Power Drift = 0.29 dB
Fast SAR: SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.018 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0862 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 = 3.456 V/m; Power Drift = 0.37 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.016 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0904 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) = 0.0460 W/kg



Assessments at the FCC WLAN 5GHz U-NII-2A Head - Table 47

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/17/2020 10:34:20 AM

Robot#: DASY5-PG-3 | Run#:	FAZ-REAR-200617-07
Model#:	MMDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1234
Tissue Temp:	21.2 (C)
Serial#:	767TWK0013
Antenna:	AN000354A01
Test Freq:	5260.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	Tilt
Audio Acc:	None
Start Power:	0.0155 (W)

Comments: Full Scan; Tilt

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,

Medium parameters used: f = 5260 MHz; σ = 4.29 S/m; ε_r = 32.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5260 MHz, ConvF(5.6, 5.6, 5.6) @ 5260 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/1-Area Scan (121x261x1): Interpolated

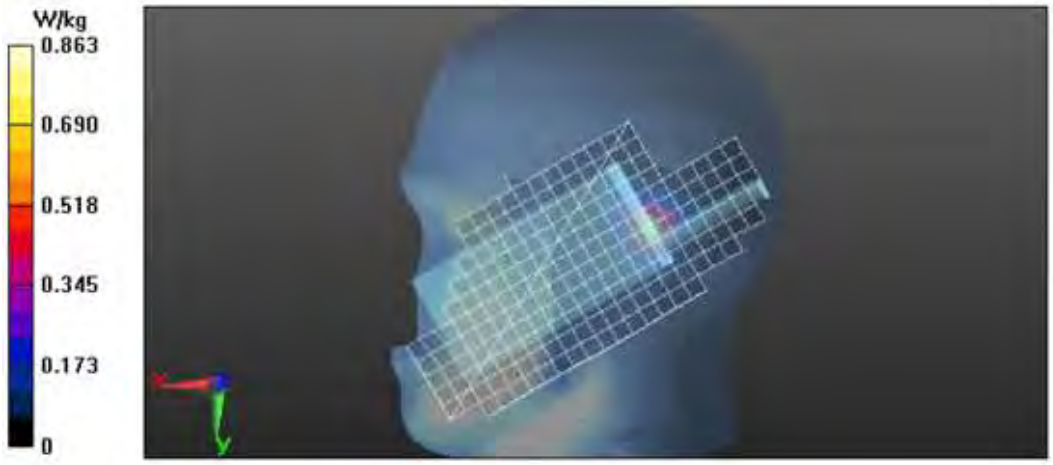
grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 11.98 V/m; Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.135 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.925 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/2-Zoom Scan (8x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.98 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.148 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.873 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/3-Z-Axis Scan (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.873 W/kg



Assessments at the FCC WLAN 5GHz U-NII-2C Body - Table 48

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/24/2020 8:59:27 PM

Robot#: DASY5-PG-3 | Run#: AM-AB-200624-09
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: 767TWK0017
Antenna: AN000354A01
Test Freq: 5500.000 (MHz)
Battery: PMNN4801A
Carry Acc: RLN4570A
Audio Acc: None
Start Power: 0.0145 (W)

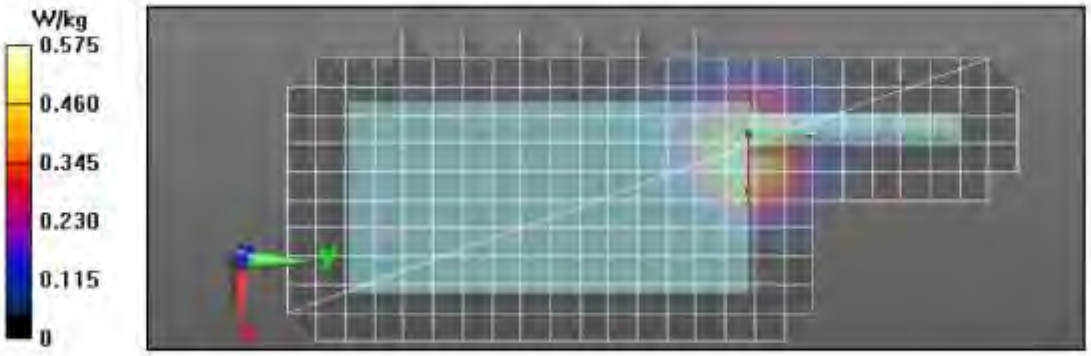
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5500 MHz; σ = 4.68 S/m; ε_r = 32.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 8.631 V/m; Power Drift = 0.57 dB
Fast SAR: SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.112 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.622 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 = 8.631 V/m; Power Drift = 0.43 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.119 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.635 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) = 0.287 W/kg



Assessments at the FCC WLAN 5GHz U-NII-2C Face - Table 49

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/29/2020 10:55:23 PM

Robot#: DASY5-PG-3	Run#: AM-FACE-200629-04
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI4 1028
Tissue Temp:	21.5 (C)
Serial#:	767TWK0017
Antenna:	AN000354A01
Test Freq:	5500.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	None, Radio Back @2.5cm
Audio Acc:	None
Start Power:	0.0145 (W)

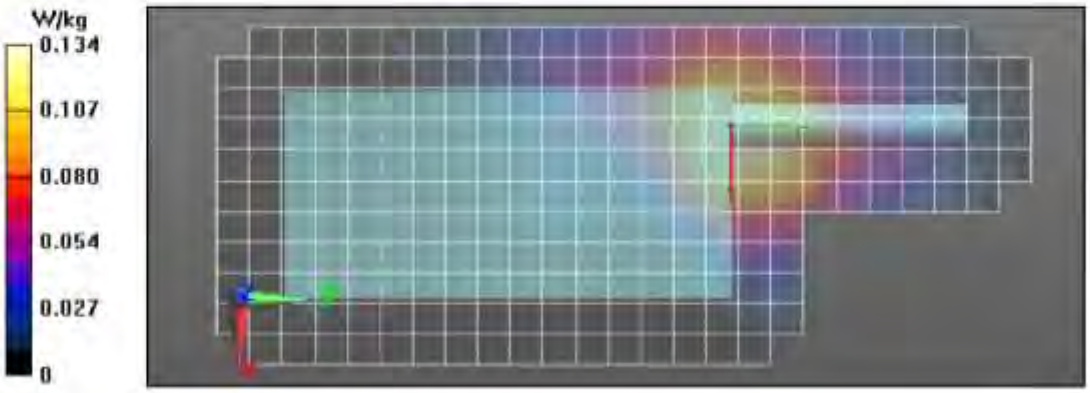
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5500 MHz; σ = 4.49 S/m; ε_r = 32.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 4.775 V/m; Power Drift = 0.29 dB
Fast SAR: SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.028 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.138 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 = 4.775 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.140 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) = 0.0865 W/kg



Assessments at the FCC WLAN 5GHz U-NII-2C Head - Table 50

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/10/2020 2:07:40 PM

Robot#: DASY5-PG-3 | Run#: BL-REAR-200810-14
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: SAMTP 1384
Tissue Temp: 21.0 (C)
Serial#: 767TWK0013
Antenna: AN000256A01
Test Freq: 5500.000 (MHz)
Battery: PMNN4802A
Carry Acc: Tilt
Audio Acc: None
Start Power: 0.0145 (W)

Comments: Full Scan; Tilt

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5500 MHz; σ = 4.5 S/m; ε_r = 32.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/1-Area Scan (111x231x1): Interpolated

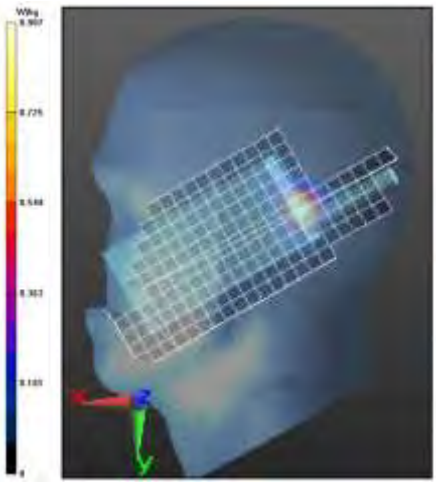
grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 4.501 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.147 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.08 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/2-Zoom Scan (8x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.501 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.167 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.3%
Maximum value of SAR (measured) = 1.01 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/3-Z-Axis Scan (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.05 W/kg



Assessments at the FCC WLAN 5GHz U-NII-3 Body - Table 51

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2021 12:07:44 AM

Robot#: DASY5-PG-2 | Run#:	MA(RY)-AB-210617-01#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1150
Tissue Temp:	21.0 (C)
Serial#:	767TWK0017
Antenna:	AN000256A01
Test Freq:	5745.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	RLN4570A
Audio Acc:	None
Start Power:	0.0157 (W)

Comments: Full Scan

Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

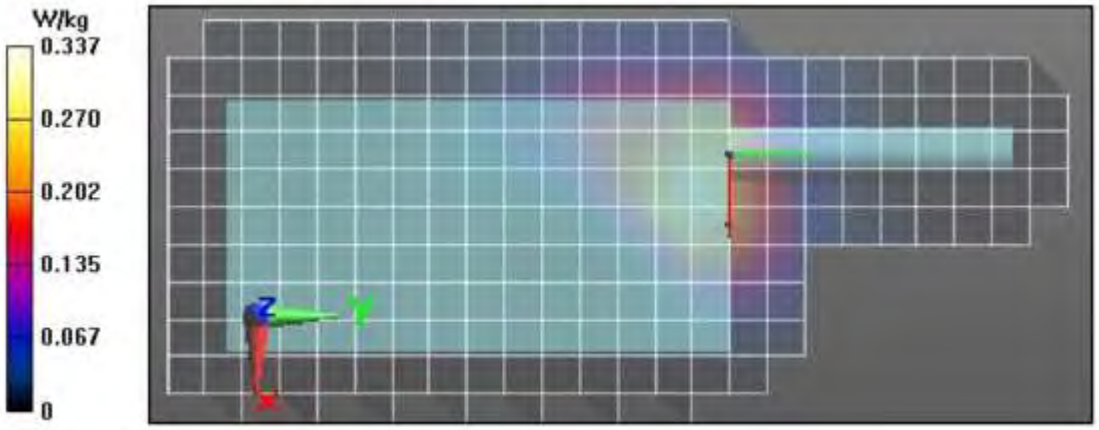
Medium parameters used: f = 5745 MHz; σ = 4.98 S/m; ε_r = 37.6; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5745 MHz, ConvF(4.88, 4.88, 4.88) @ 5745 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x241x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 7.233 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.063 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.352 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 = 7.233 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.064 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 = 50.7%
Maximum value of SAR (measured) = 0.338 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) = 0.320 W/kg



Assessments at the FCC WLAN 5GHz U-NII-3 Face - Table 52

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/18/2021 11:59:24 AM

Robot#: DASY5-PG-2 | Run#: BL(SAN)-FACE-210618-07#
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI5 1150
Tissue Temp: 20.4 (C)
Serial#: 767TWK0017
Antenna: AN000256A01
Test Freq: 5745.0000 (MHz)
Battery: PMNN4801A
Carry Acc: None, Radio Back @2.5cm
Audio Acc: None
Start Power: 0.0157 (W)

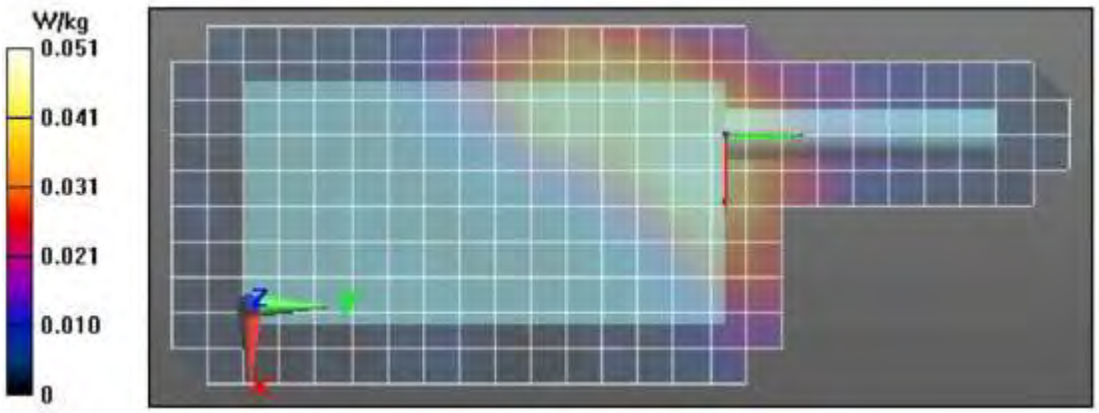
Comments: Full Scan

Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,
Medium parameters used: f = 5745 MHz; σ = 4.78 S/m; ε_r = 38.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5745 MHz, ConvF(4.88, 4.88, 4.88) @ 5745 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (101x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 3.453 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.010 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0628 W/kg

4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (15x13x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.453 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00677 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 = 37.6%
Maximum value of SAR (measured) = 0.0540 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) = 0.0457 W/kg



Assessments at the FCC WLAN 5GHz U-NII-3 Head - Table 53

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/20/2021 2:00:14 AM

Robot#: DASY5-PG-2 | Run#:	MA(MFR)-REAR-210620-02#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1382
Tissue Temp:	19.7 (C)
Serial#:	767TWK0017
Antenna:	AN000256A01
Test Freq:	5745.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	Tilt
Audio Acc:	None
Start Power:	0.0157 (W)

Comments: Full Scan,Touch

Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used: f = 5745 MHz; σ = 4.71 S/m; ε_r = 33.8; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5745 MHz, ConvF(4.88, 4.88, 4.88) @ 5745 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/1-Area Scan (121x271x1): Interpolated

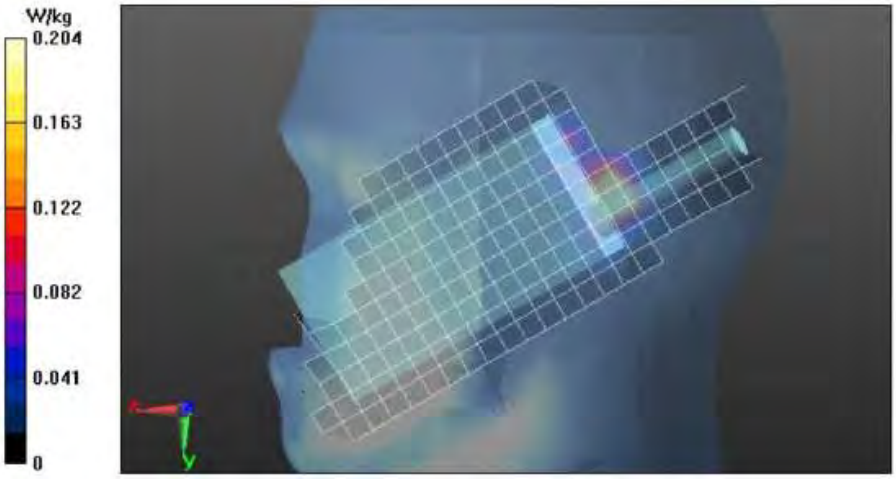
grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 6.975 V/m; Power Drift = 0.41 dB
Fast SAR: SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.031 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.266 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/2-Zoom Scan (8x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.975 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 52.9%
Maximum value of SAR (measured) = 0.239 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/3-Z-Axis Scan (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0669 W/kg



Assessments at the Outside FCC Range Body - Table 54

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/5/2020 11:14:30 AM

Robot#: DASY5-PG-1	Run#: AM-AB-200805-09
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1147
Tissue Temp:	21.7 (C)
Serial#:	767TWK0012
Antenna:	AN000354A01
Test Freq:	380.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	RLN4570A
Audio Acc:	None
Start Power:	2.48 (W)

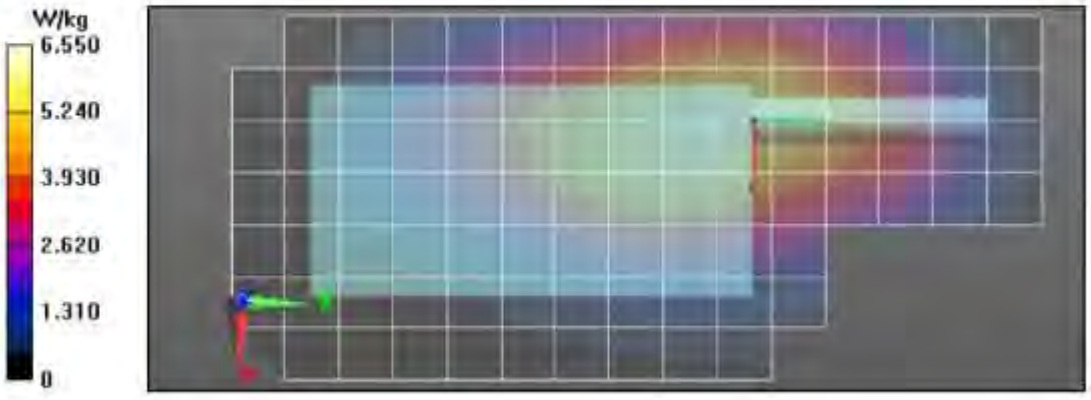
Comments:

Duty Cycle: 1:1.59956, Medium parameters used: f = 380 MHz; σ = 0.84 S/m; ε_r = 44.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 380 MHz, ConvF(11.84, 11.84, 11.84) @ 380 MHz
Electronics: DAE4 Sn684, Calibrated: 5/26/2020

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 84.06 V/m; Power Drift = 0.24 dB
Fast SAR: SAR(1 g) = 5.52 W/kg; SAR(10 g) = 3.99 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.60 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 = 84.06 V/m; Power Drift = 0.40 dB
Peak SAR (extrapolated) = 8.22 W/kg
SAR(1 g) = 5.45 W/kg; SAR(10 g) = 3.87 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.6%
Maximum value of SAR (measured) = 7.09 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.04 W/kg



Assessments at the Outside FCC Range Face - Table 54

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/7/2020 4:03:58 PM

Robot#: DASY5-PG-4 | Run#: NZ-FACE-200607-10
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI4 1022
Tissue Temp: 20.7 (C)
Serial#: 767TWK0012
Antenna: PMAE4022B
Test Freq: 416.3000 (MHz)
Battery: PMNN4801A
Carry Acc: @ front
Audio Acc: N/A
Start Power: 2.90 (W)

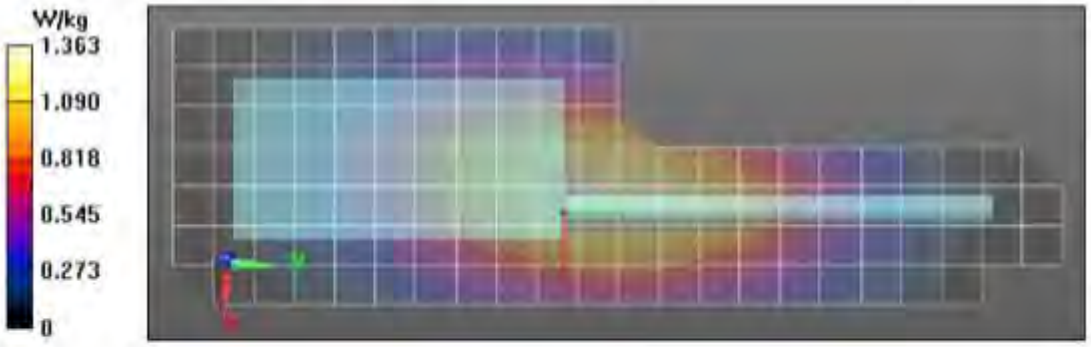
Comments:

Duty Cycle: 1:4.54988, Medium parameters used: f = 416 MHz; σ = 0.86 S/m; ε_r = 44.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 416.3 MHz, ConvF(10.3, 10.3, 10.3) @ 416.3 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (91x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.70 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.817 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.37 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.70 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.806 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.38 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) = 1.38 W/kg



Assessments at the Outside FCC Range Head - Table 54

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/8/2020 9:37:34 PM

Robot#: DASY5-PG-4 | Run#:	ZZ(MA)-LEAR-200608-20
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1384
Tissue Temp:	21.6 (C)
Serial#:	767TWK0012
Antenna:	AN000354A01
Test Freq:	380.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	None, Tilt
Audio Acc:	N/A
Start Power:	2.95 (W)

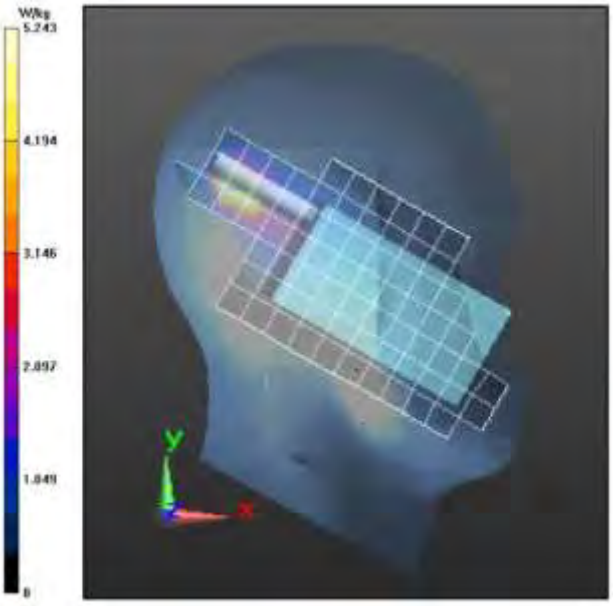
Comments: Tilt

Duty Cycle: 1:4.54988, Medium parameters used: f = 380 MHz; σ = 0.83 S/m; ε_r = 44.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 380 MHz, ConvF(10.3, 10.3, 10.3) @ 380 MHz
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/1-Area Scan (71x211x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 57.97 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 4.29 W/kg; SAR(10 g) = 2.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.59 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.97 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 3.99 W/kg; SAR(10 g) = 1.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.51 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/4-Z-Axis Scan (1x1x17): Measurement grid:
dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.24 W/kg



Assessments at the ISED LMR Body - Table 56

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/10/2022 5:46:27 PM

Robot#: DASY5-PG-3	Run#: BAD(DAN)-AB-220110-02
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	EL14 1022
Tissue Temp:	20.6(C)
Serial#:	767TWK0012
Antenna:	PMAE4022B
Test Freq:	406.0000(MHz)
Battery:	PMNN4801A
Carry Acc:	RLN4570A
Audio Acc:	None
Start Power:	2.45(W)

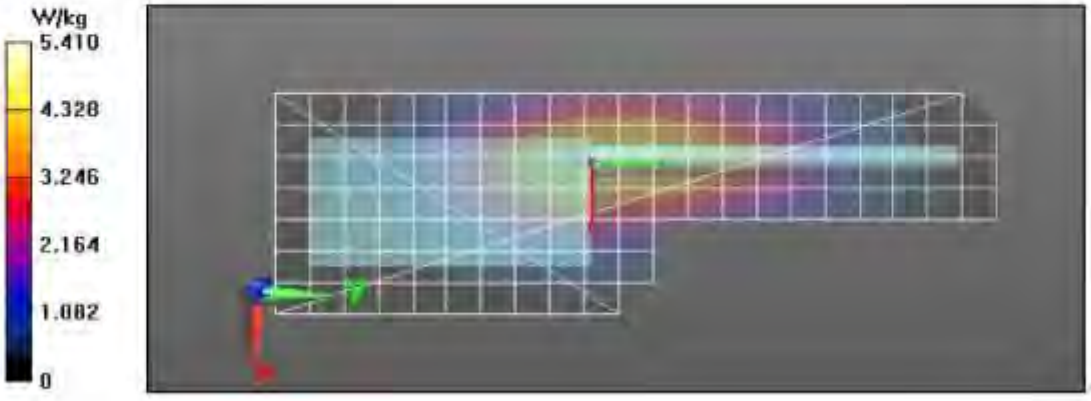
Comments:

Communication System Band: Wolverine UHF, Communication System UID: 0, Duty Cycle: 1:1.59956,
Medium parameters used: f = 406 MHz; σ = 0.83 S/m; ε_r = 42.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 406 MHz, ConvF(11.86, 11.86, 11.86) @ 406 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 80.61 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 4.5 W/kg; SAR(10 g) = 3.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.42 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 = 80.61 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 5.78 W/kg
SAR(1 g) = 4.27 W/kg; SAR(10 g) = 3.04 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.8%
Maximum value of SAR (measured) = 5.24 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.24 W/kg



Assessments at the ISED LMR Face - Table 56

Motorola Solutions, Inc. EME Laboratory

Date/Time: 10/31/2021 8:32:42 PM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-211031-09#
Model#: AZH77PCN6TZ5AN (PMUE5551B)
Phantom#: ELI4 1103
Tissue Temp: 21.2 (C)
Serial#: 767TXV0823
Antenna: PMAE4022B
Test Freq: 416.3000 (MHz)
Battery: PMNN4801A
Carry Acc: @ front
Audio Acc: N/A
Start Power: 2.80 (W)

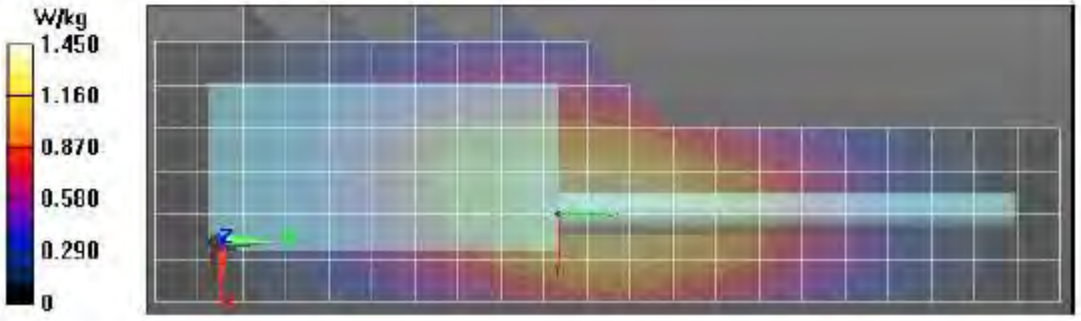
Comments:

Communication System Band: Wolverine, Communication System UID: 0, Duty Cycle: 1:4.54988,
Medium parameters used: f = 416 MHz; σ = 0.86 S/m; ε_r = 44.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 416.3 MHz, ConvF(11.65, 11.65, 11.65) @ 416.3 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.61 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.862 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.45 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 = 41.61 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.842 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 = 69.8%
Maximum value of SAR (measured) = 1.45 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) = 1.45 W/kg



Assessments at the ISED LMR Head - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/1/2021 2:49:47 AM

Robot#: DASY5-PG-2 | Run#: MFR-LEAR-211101-03#
Model#: AZH77PCN6TZ5AN (PMUE5551B)
Phantom#: SAMTP 1384
Tissue Temp: 21.6 (C)
Serial#: 767TXV0823
Antenna: PMAE4022B
Test Freq: 416.3000 (MHz)
Battery: PMNN4802A
Carry Acc: None, Tilt
Audio Acc: N/A
Start Power: 2.90 (W)

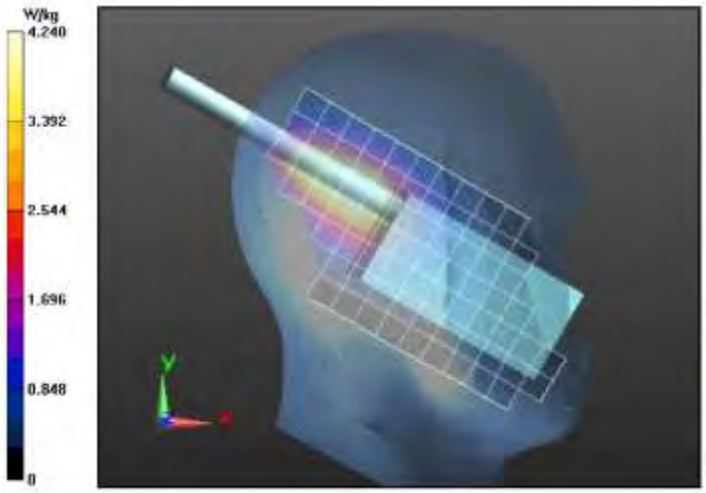
Comments: Tilt

Communication System Band: Wolverine, Communication System UID: 0, Duty Cycle: 1:4.54988,
Medium parameters used: f = 416 MHz; σ = 0.86 S/m; ε_r = 44.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 416.3 MHz, ConvF(11.65, 11.65, 11.65) @ 416.3 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/1-Area Scan (71x211x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 72.25 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 3.8 W/kg; SAR(10 g) = 2.67 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.90 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.25 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 5.90 W/kg
SAR(1 g) = 3.61 W/kg; SAR(10 g) = 2.37 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 15.6 mm
Ratio of SAR at M2 to SAR at M1 = 61.4%
Maximum value of SAR (measured) = 5.05 W/kg

Below 2 GHz-Rev.3/Left Ear-15D Tilt position/4-Z-Axis Scan (1x1x17): Measurement grid:
dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.73 W/kg


W/kg
4.240
3.392
2.544
1.696
0.848
0

Assessments at the ISED WLAN 2.4GHz Body - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/10/2020 1:18:37 AM

Robot#: DASY5-PG-3 | Run#: AM-AB-200610-02#
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI4 1103
Tissue Temp: 22.1 (C)
Serial#: 767TWK0017
Antenna: AN000354A01
Test Freq: 2412.0000 (MHz)
Battery: PMNN4802A
Carry Acc: RLN4570A
Audio Acc: None
Start Power: 0.0148 (W)

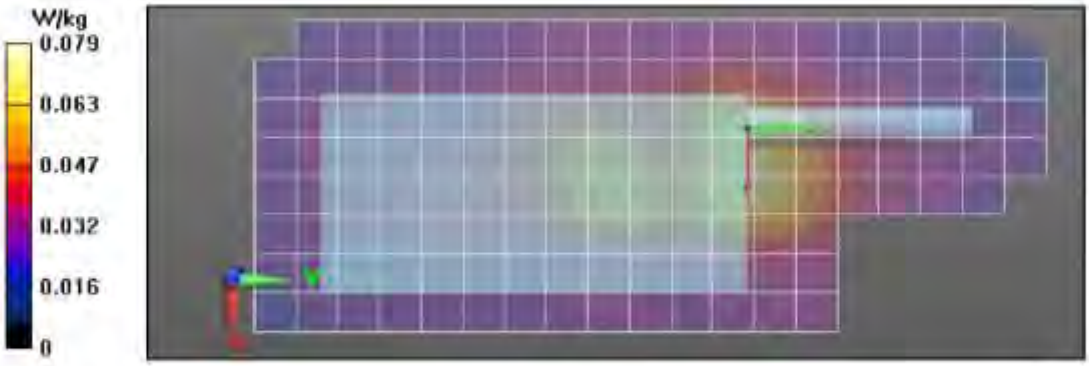
Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.42561,
Medium parameters used: f = 2412 MHz; σ = 1.83 S/m; ε_r = 35.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 2412 MHz, ConvF(7.59, 7.59, 7.59) @ 2412 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

2-3 GHz-Rev.3/Ab Scan/1-Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 4.523 V/m; Power Drift = 0.37 dB
Fast SAR: SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0794 W/kg

2-3 GHz-Rev.3/Ab Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.523 V/m; Power Drift = 0.32 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.032 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0791 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) = 0.0498 W/kg



Assessments at the ISED WLAN 2.4GHz Face - Table 56

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/11/2022 4:00:33 PM

Robot#: DASY5-PG-3 | Run#: BAD(DAN)-FACE-220111-09
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI4 1028
Tissue Temp: 19.8(C)
Serial#: 767TWK0017
Antenna: AN000256A01
Test Freq: 2462.0000(MHz)
Battery: PMNN4802A
Carry Acc: None, Radio front @2.5cm
Audio Acc: None
Start Power: 0.0148 (W)

Comments:

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

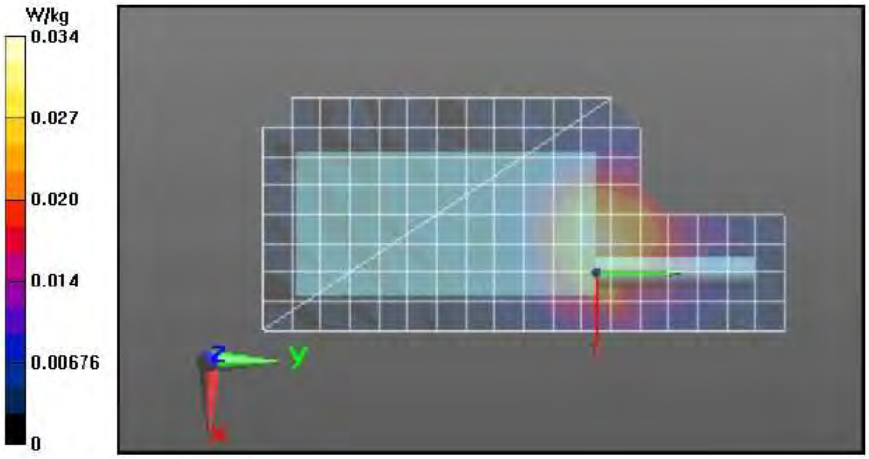
Medium parameters used: f = 2462 MHz; σ = 1.87 S/m; ε_r = 41; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2462 MHz, ConvF(7.83, 7.83, 7.83) @ 2462 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 4.010 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0344 W/kg

2-3 GHz-Rev.3/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.010 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 52.7%
Maximum value of SAR (measured) = 0.0331 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) = 0.0320 W/kg



Assessments at the ISED WLAN 2.4GHz Head - Table 56

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/11/2022 6:20:36 PM

Robot#: DASY5-PG-3 | Run#: BAD(DAN)-LEAR-220111-11
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: SAMTP 1382
Tissue Temp: 20.6(C)
Serial#: 767TWK0017
Antenna: AN000256A01
Test Freq: 2462.0000(MHz)
Battery: PMNN4802A
Carry Acc: Tilt
Audio Acc: None
Start Power: 0.0148(W)

Comments: Tilt

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

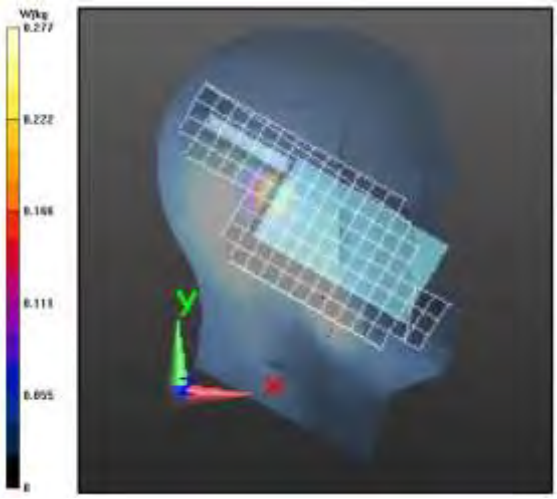
Medium parameters used: f = 2462 MHz; σ = 1.87 S/m; ε_r = 41; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 2462 MHz, ConvF(7.83, 7.83, 7.83) @ 2462 MHz
Electronics: DAE3 Sn374, Calibrated: 4/8/2021

2-3 GHz-Rev.3/Left Ear-15D Tilt position/1-Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 12.33 V/m; Power Drift = 0.14 dB
Fast SAR: SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.109 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.355 W/kg

2-3 GHz-Rev.3/Left Ear-15D Tilt position/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.33 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.416 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.112 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.8%
Maximum value of SAR (measured) = 0.337 W/kg

2-3 GHz-Rev.3/Left Ear-15D Tilt position/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.353 W/kg



Assessments at the ISED WLAN 5GHz U-NII-2A Body - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/18/2020 11:14:26 PM

Robot#: DASY5-PG-3 | Run#:	AM-AB-200618-08
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI4 1028
Tissue Temp:	21.1 (C)
Serial#:	767TWK0017
Antenna:	AN000354A01
Test Freq:	5260.000 (MHz)
Battery:	PMNN4801A
Carry Acc:	RLN4570A
Audio Acc:	None
Start Power:	0.0155 (W)

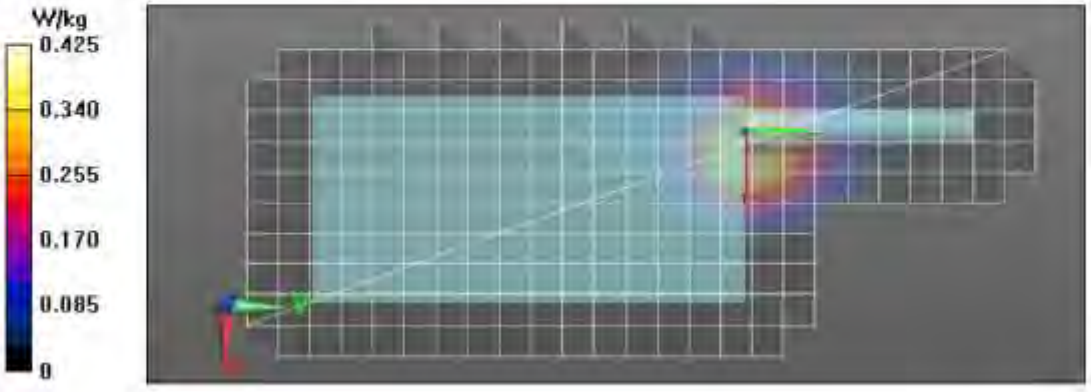
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5260 MHz; σ = 4.25 S/m; ε_r = 33; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5260 MHz, ConvF(5.6, 5.6, 5.6) @ 5260 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 10.50 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.083 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.446 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 = 10.50 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.086 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.441 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) = 0.177 W/kg



Assessments at the ISED WLAN 5GHz U-NII-2A Face - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/22/2020 8:23:27 PM

Robot#: DASY5-PG-3 | Run#: AM-FACE-200622-11#
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI4 1028
Tissue Temp: 21.4 (C)
Serial#: 767TWK0017
Antenna: AN000354A01
Test Freq: 5260.000 (MHz)
Battery: PMNN4802A
Carry Acc: None, Radio Back @2.5cm
Audio Acc: None
Start Power: 0.0155 (W)

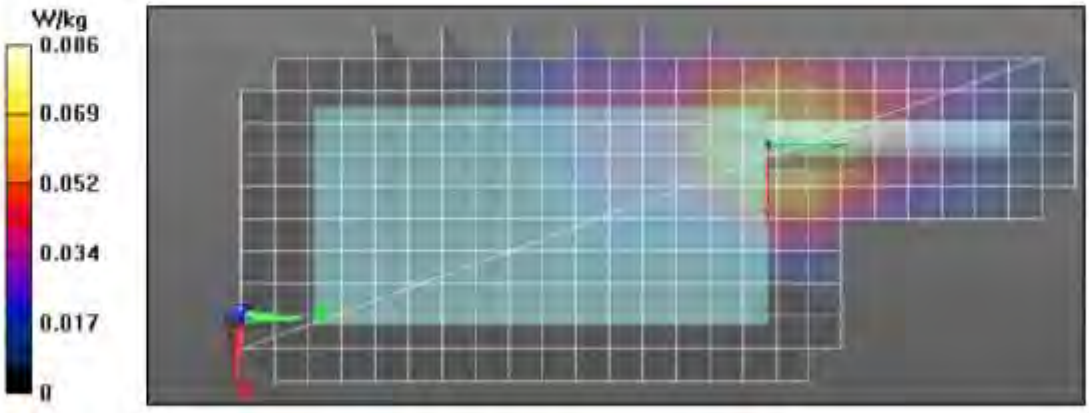
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5260 MHz; σ = 4.33 S/m; ε_r = 34; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5260 MHz, ConvF(5.6, 5.6, 5.6) @ 5260 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 3.456 V/m; Power Drift = 0.29 dB
Fast SAR: SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.018 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0862 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 = 3.456 V/m; Power Drift = 0.37 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.016 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0904 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) = 0.0460 W/kg



Assessments at the ISED WLAN 5GHz U-NII-2A Head - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2020 10:34:20 AM

Robot#: DASY5-PG-3 | Run#:	FAZ-REAR-200617-07
Model#:	MMDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1234
Tissue Temp:	21.2 (C)
Serial#:	767TWK0013
Antenna:	AN000354A01
Test Freq:	5260.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	Tilt
Audio Acc:	None
Start Power:	0.0155 (W)

Comments: Full Scan; Tilt

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,

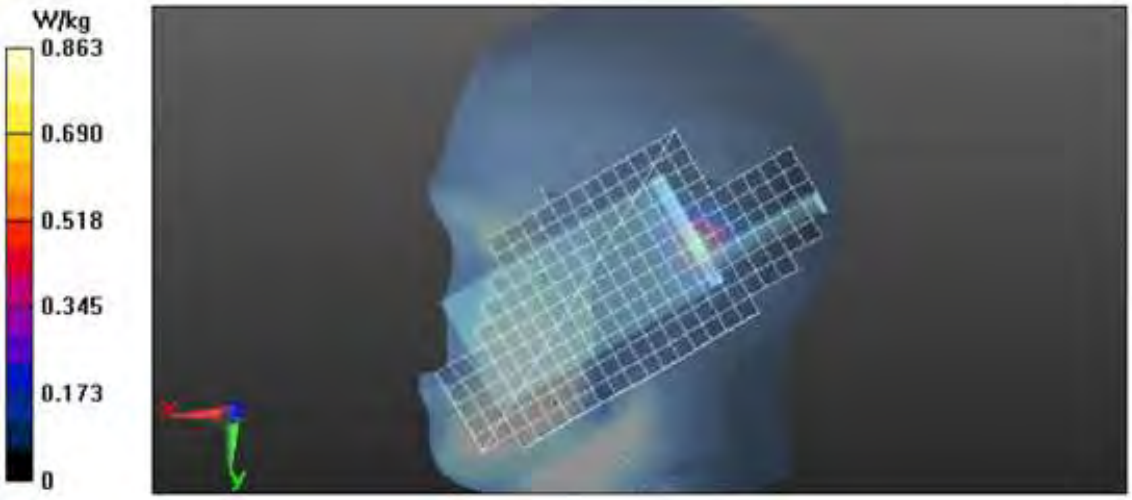
Medium parameters used: f = 5260 MHz; σ = 4.29 S/m; ε_r = 32.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5260 MHz, ConvF(5.6, 5.6, 5.6) @ 5260 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/1-Area Scan (121x261x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 11.98 V/m; Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.135 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.925 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/2-Zoom Scan (8x8x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.98 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.148 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.873 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.873 W/kg



Assessments at the ISED WLAN 5GHz U-NII-2C Body - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/28/2020 10:06:34 AM

Robot#: DASY5-PG-3	Run#: AM-AB-200628-02
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	EL14 1028
Tissue Temp:	20.3 (C)
Serial#:	767TWK0017
Antenna:	AN000354A01
Test Freq:	5640.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	RLN4570A
Audio Acc:	None
Start Power:	0.0141 (W)

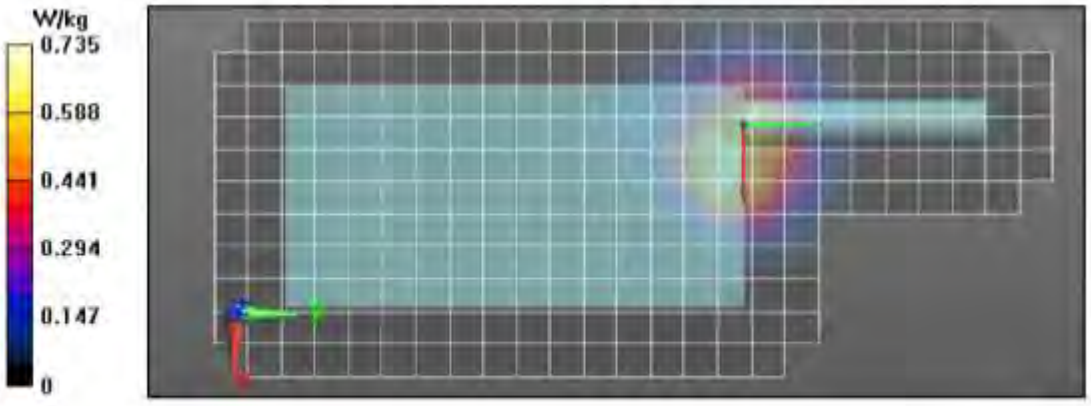
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5640 MHz; σ = 5.01 S/m; ε_r = 36; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5640 MHz, ConvF(4.85, 4.85, 4.85) @ 5640 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 5.206 V/m; Power Drift = -0.36 dB
Fast SAR: SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.136 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.802 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 = 5.206 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.146 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.781 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) = 0.122 W/kg



Assessments at the ISED WLAN 5GHz U-NII-2C Face - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/28/2020 11:12:04 AM

Robot#: DASY5-PG-3 | Run#: AM-FACE-200628-03
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: ELI4 1028
Tissue Temp: 20.3 (C)
Serial#: 767TWK0017
Antenna: AN000354A01
Test Freq: 5640.0000 (MHz)
Battery: PMNN4801A
Carry Acc: None, Radio Back @2.5cm
Audio Acc: None
Start Power: 0.0141 (W)

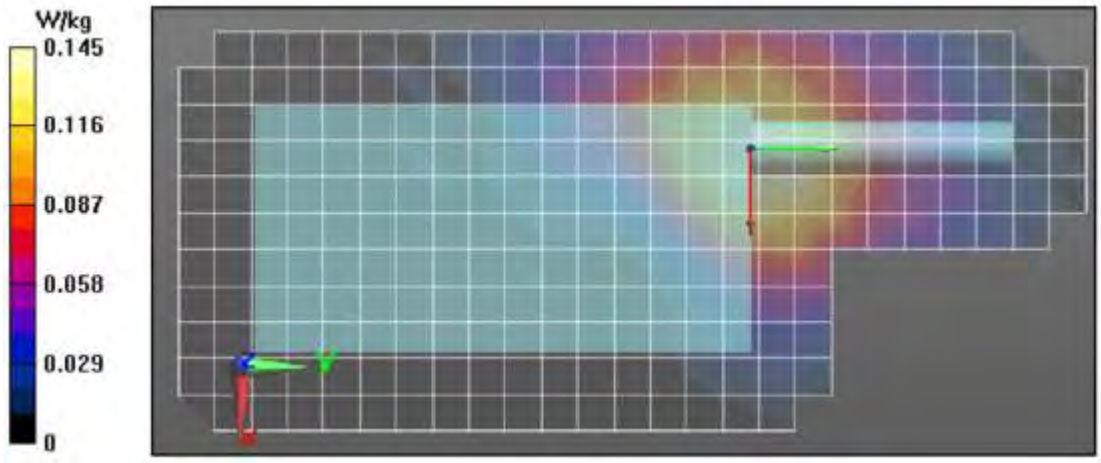
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5640 MHz; σ = 5.01 S/m; ε_r = 36; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5640 MHz, ConvF(4.85, 4.85, 4.85) @ 5640 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (121x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 4.765 V/m; Power Drift = 0.18 dB
Fast SAR: SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.148 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.765 V/m; Power Drift = 0.44 dB
Peak SAR (extrapolated) = 0.265 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.156 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) = 0.109 W/kg



Assessments at the ISED WLAN 5GHz U-NII-2C Head - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/10/2020 2:07:40 PM

Robot#: DASY5-PG-3 | Run#: BL-REAR-200810-14
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: SAMTP 1384
Tissue Temp: 21.0 (C)
Serial#: 767TWK0013
Antenna: AN000256A01
Test Freq: 5500.000 (MHz)
Battery: PMNN4802A
Carry Acc: Tilt
Audio Acc: None
Start Power: 0.0145 (W)

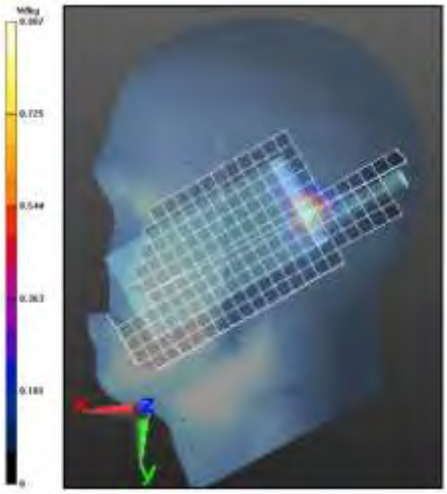
Comments: Full Scan; Tilt

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.65273,
Medium parameters used: f = 5500 MHz; σ = 4.5 S/m; ε_r = 32.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 10/24/2019, Frequency: 5500 MHz, ConvF(5.07, 5.07, 5.07) @ 5500 MHz
Electronics: DAE4 Sn850, Calibrated: 10/16/2019

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/1-Area Scan (111x231x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 4.501 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.147 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.08 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/2-Zoom Scan (8x8x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.501 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.167 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.3%
Maximum value of SAR (measured) = 1.01 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.05 W/kg



Assessments at the ISED WLAN 5GHz U-NII-3 Body - Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/17/2021 12:07:44 AM

Robot#: DASY5-PG-2 | Run#: MA(RY)-AB-210617-01#
Model#: MDH77PCN6TZ5AN (PMUE5551A)
Phantom#: EL15 1150
Tissue Temp: 21.0 (C)
Serial#: 767TWK0017
Antenna: AN000256A01
Test Freq: 5745.0000 (MHz)
Battery: PMNN4801A
Carry Acc: RLN4570A
Audio Acc: None
Start Power: 0.0157 (W)

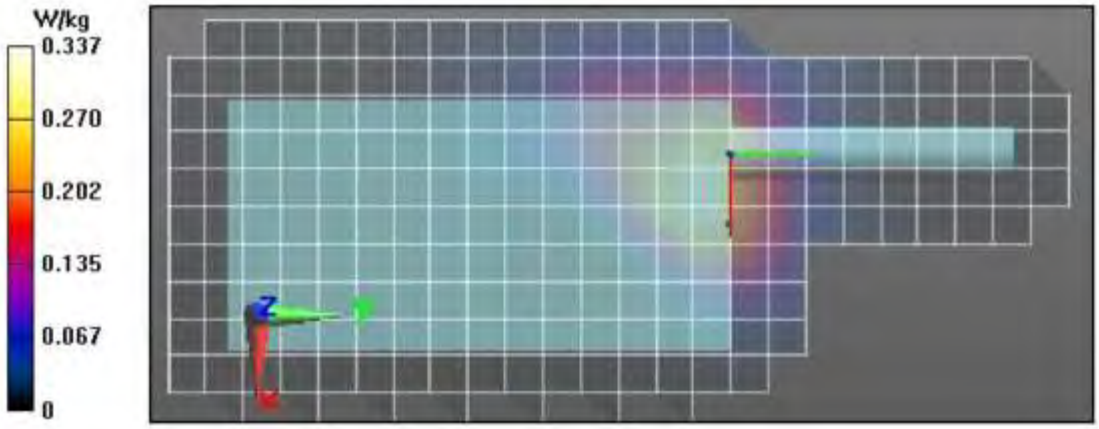
Comments: Full Scan

Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,
Medium parameters used: f = 5745 MHz; σ = 4.98 S/m; ε_r = 37.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5745 MHz, ConvF(4.88, 4.88, 4.88) @ 5745 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x241x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 7.233 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.063 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.352 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 = 7.233 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.064 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 = 50.7%
Maximum value of SAR (measured) = 0.338 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) = 0.320 W/kg



Assessments at the ISED WLAN 5GHz U-NII-3 Face - Table 56

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/21/2021 12:56:59 AM

Robot#: DASY5-PG-2 | Run#:	MA(MFR)-FACE-210621-01#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	ELI5 1150
Tissue Temp:	20.5 (C)
Serial#:	767TWK0017
Antenna:	AN000256A01
Test Freq:	5825.0000 (MHz)
Battery:	PMNN4801A
Carry Acc:	None, Radio Back @2.5cm
Audio Acc:	None
Start Power:	0.0133 (W)

Comments: Full Scan

Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

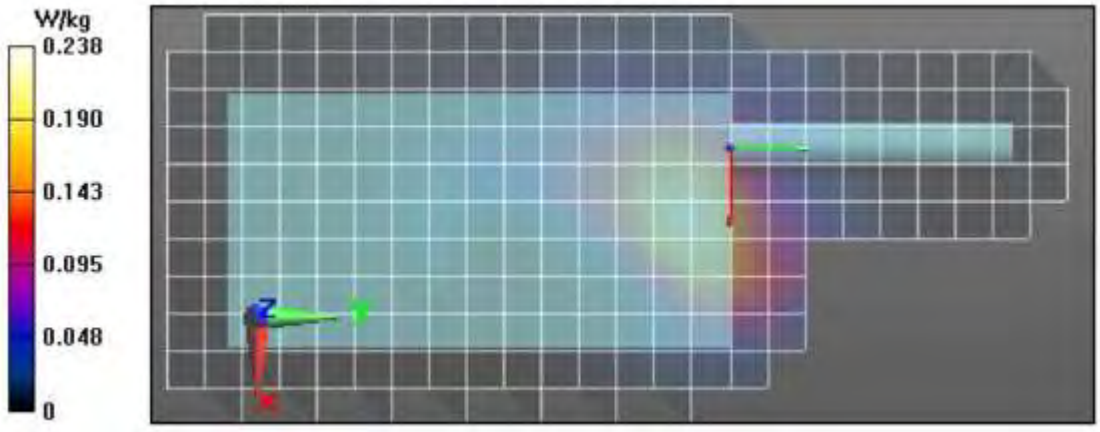
Medium parameters used: f = 5825 MHz; σ = 4.78 S/m; ε_r = 34; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5825 MHz, ConvF(4.88, 4.88, 4.88) @ 5825 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (101x251x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 3.157 V/m; Power Drift = 0.06 dB
Fast SAR: SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.010 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0603 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.157 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.0082 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 = 33.1%
Maximum value of SAR (measured) = 0.0553 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) = 0.0468 W/kg



Assessments at the ISED WLAN 5GHz U-NII-3 Head - Table 56

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/20/2021 5:07:37 AM

Robot#: DASY5-PG-2 | Run#:	MA(MFR)-REAR-210620-05#
Model#:	MDH77PCN6TZ5AN (PMUE5551A)
Phantom#:	SAMTP 1382
Tissue Temp:	19.8 (C)
Serial#:	767TWK0017
Antenna:	AN000256A01
Test Freq:	5825.0000 (MHz)
Battery:	PMNN4802A
Carry Acc:	Tilt
Audio Acc:	None
Start Power:	0.0133 (W)

Comments: Full Scan,Touch

Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used: f = 5825 MHz; σ = 4.79 S/m; ε_r = 33.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5825 MHz, ConvF(4.88, 4.88, 4.88) @ 5825 MHz
Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/1-Area Scan (121x271x1): Interpolated

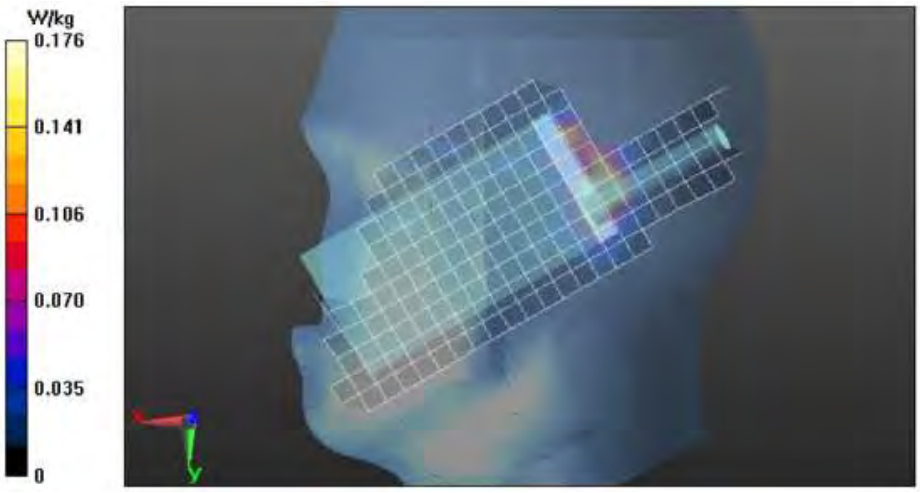
grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 6.907 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.214 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/2-Zoom Scan (8x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.907 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 53%
Maximum value of SAR (measured) = 0.203 W/kg

4-6 GHz-Rev.5/Full Scan Right Ear-Tilt Position/3-Z-Axis Scan (1x1x17): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.216 W/kg



APPENDIX F
Shortened Scan of Highest SAR configuration

Shortened Scan
Table 57

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/25/2022 11:41:56 PM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220225-14
Model#: AZH77PCN6TZ5AN (PMUE5551B)
Phantom#: ELI4 1028
Tissue Temp: 20.0(C)
Serial#: 767TXV0823
Antenna: PMAE4022B
Test Freq: 450.0000 (MHz)
Battery: PMNN4801A
Carry Acc: RLN4570A
Audio Acc: None
Start Power: 2.30 (W)

Comments:

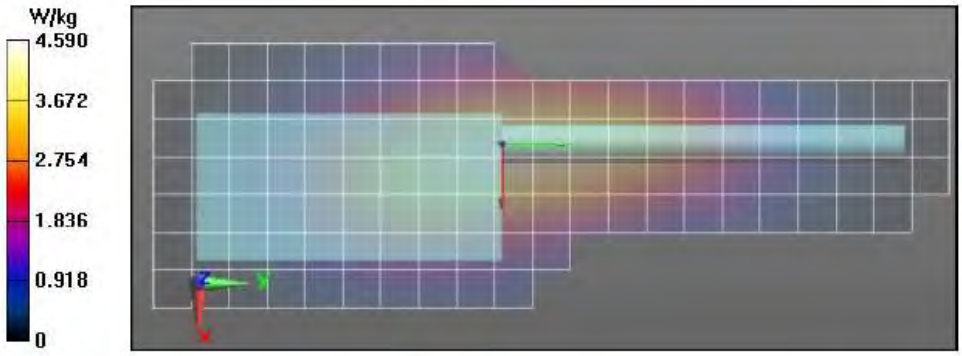
Communication System Band: Wolverine, Communication System UID: 0, Duty Cycle: 1:1.59956,
Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 41.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, Calibrated: 6/18/2021, Frequency: 450 MHz, ConvF(11.24, 11.24, 11.24) @ 450 MHz
Electronics: DAE4 Sn1488, Calibrated: 4/7/2021

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 71.43 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.59 W/kg

Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
Reference Value = 71.43 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.76 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.66 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 = 73.15 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 5.06 W/kg
SAR(1 g) = 3.59 W/kg; SAR(10 g) = 2.59 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 72.3%
Maximum value of SAR (measured) = 4.50 W/kg

Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (5x5x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 71.43 V/m; Power Drift = -0.01 dB
Maximum value of SAR (measured) = 4.63 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)	57	7	3.93
Full scan (area & zoom)	21	27	3.55

APPENDIX G
DUT Test Position Photos

Photos available in Exhibit 7B

APPENDIX H
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B