MOTOROLA SOLUTIONS

MS ISO/IEC 17025
TESTING
SAMM No.0826

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 3 of 3

Motorola Solutions Inc
EME Test Laboratory
Motorola Solutions Malaysia Sdn Bhd (Innoplex) (455657-H)
Plot 2A, Medan Bayan Lepas,
Mukim 12 SWD, 11900 Bayan Lepas Penang, Malaysia.

Date of Report: 05/25/2018
Report Revision: B

Responsible Engineer:	Veeramani Veerapan
Report Author:	Veeramani Veerapan
Date/s Tested:	11/14/2017 – 4/24/2018
Manufacturer:	Motorola Solutions Inc.
DUT Description:	Handheld Portable - APX8000H ST U/V/7_800 M3.5 Black (Standard Top Control, Black Housing, M3.5 Full Keypad)
Test TX mode(s):	CW (PTT), Bluetooth, and WLAN 802.11b/g/n
Max. Power output:	6.6 W (VHF), 5.7 W (UHF), 2.99 W (700 MHz band), 3.6 W (800 MHz band), 10 mW (Bluetooth), 28.3 mW (802.11b), 11.2 mW (802.11g/n)
Nominal Power:	6.0 W (VHF), 5.0 W (UHF), 2.5 W (700 MHz band), 3.0 W (800 MHz band), 10 mW (Bluetooth), 28.3 mW (802.11b), 11.2 mW (802.11g/n)
Tx Frequency Bands:	LMR 136-174 MHz, 380-520 MHz, 762-805 MHz, 806-870 MHz; Bluetooth 2402-2480 MHz; WLAN 2400-2483.5 MHz
Signaling type:	FM, TDMA, FHSS (Bluetooth), 802.11b/g/n (WLAN)
Model(s) Tested:	H91TGD9PW9AN (PNUW1036A / KNUW1036A)
Model(s) Certified:	H91TGD9PW8AN (PNUW1035A / KNUW1035A; PNUW1041A / KNUW1041A) H91TGD9PW9AN (PNUW1036A / KNUW1036A; PNUW1042A / KNUW1042A)
Serial Number(s):	673TTV0841, 673TTV0848, 673TTV1050
Classification:	Occupational/Controlled
FCC ID:	AZ489FT7111; 150.8-173.4 MHz, 406.1-512 MHz, 764-775 MHz, 794-824 MHz, 851-869 MHz. This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC ID:	109U-89FT7111; 138- 174 MHz, 406.1-430 MHz, 450-470 MHz, 764-775 MHz, 794-824 MHz, 851-869 MHz. This report contains results that are immaterial for ISED equipment approval, which are clearly identified.
ISED Test Site Registration:	109AK
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 ISED 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. 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.

Tiong Nguk Ing
Digitally signed by Tiong Nguk Ing
Date: 2018.05.29 15:20:01 +08'00'

Tiong Nguk Ing
Deputy Technical Manager (Approved Signatory)
Approval Date: 5/29/2018

APPENDIX E
DUT Scans

150.8-173.4 MHz
Table 18 - Assessments at the Body with Body Worn PMLN7901A

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/20/2017 6:06:27 PM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-AB-171120-10
Model#: H91TGD9PW9AN
Phantom#: ELI5 1150
Tissue Temp: 21.3 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 173.4000 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN7901A
Audio Acc: NMN6274A
Start Power: 6.50 (W)

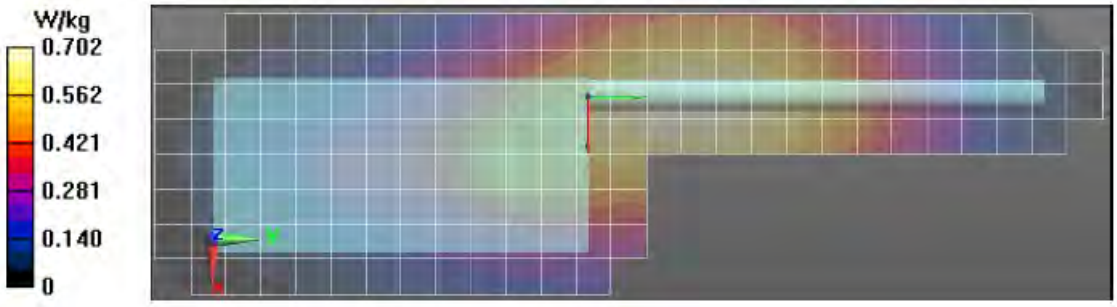
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 173 MHz; σ = 0.82 S/m; ε_r = 62.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 173.4 MHz, ConvF(11.23, 11.23, 11.23); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 30.15 V/m; Power Drift = -0.83 dB
Fast SAR: SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.468 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.706 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.15 V/m; Power Drift = -1.04 dB
Peak SAR (extrapolated) = 0.697 W/kg
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.440 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.625 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.597 W/kg



150.8-173.4 MHz
Table 19 - Assessment at the Body with wireless BT configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/21/2017 12:25:48 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171121-01#
Model#: H91TGD9PW9AN
Phantom#: ELI5 1150
Tissue Temp: 20.5 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 173.4000 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 6.60 (W)

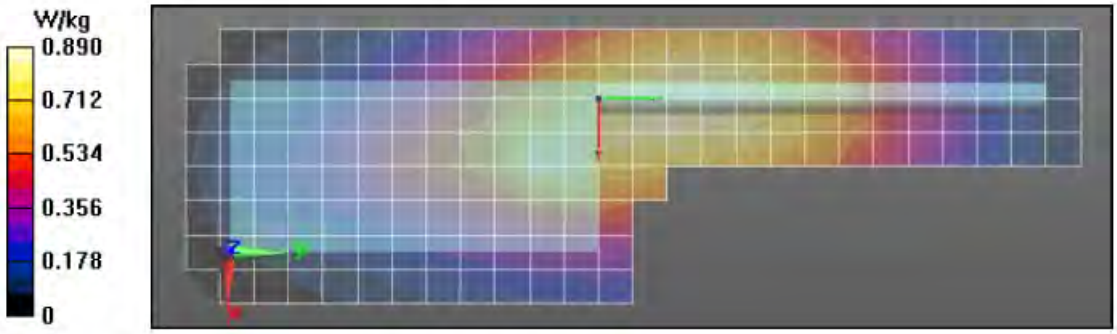
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 173 MHz; σ = 0.82 S/m; ε_r = 62.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 173.4 MHz, ConvF(11.23, 11.23, 11.23); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 33.97 V/m; Power Drift = -0.79 dB
Fast SAR: SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.586 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.919 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 33.97 V/m; Power Drift = -0.98 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.508 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.819 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.789 W/kg



406.1-470 MHz
Table 21 - Assessments at the Body with Body Worn PMLN7901A

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/14/2017 9:49:04 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-171114-20
Model#: H91TGD9PW9AN
Phantom#: ELI4 1016
Tissue Temp: 20.9 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 438.1000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: NMN6274A
Start Power: 5.53 (W)

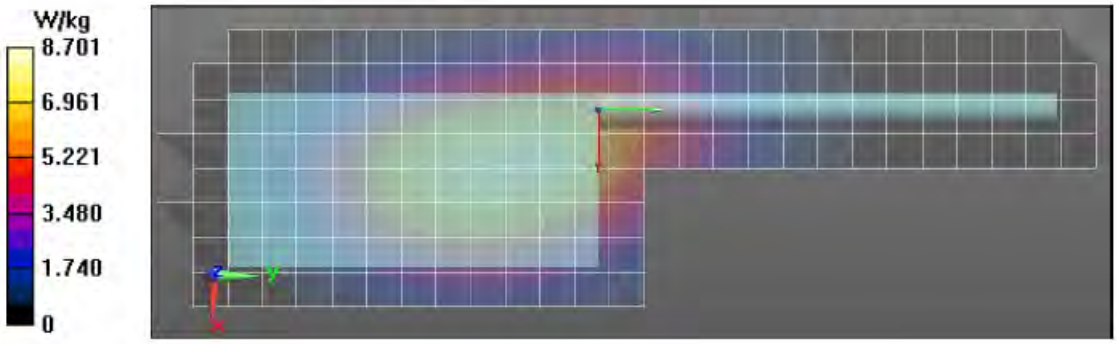
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 438 MHz; σ = 0.92 S/m; ε_r = 55.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 438.1 MHz, ConvF(10.56, 10.56, 10.56); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 81.58 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 7.38 W/kg; SAR(10 g) = 5.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.74 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 81.58 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 8.95 W/kg
SAR(1 g) = 7.12 W/kg; SAR(10 g) = 5.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.11 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.02 W/kg



406.1-470 MHz
Table 22 - Assessment at the Body with wireless BT configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/11/2018 5:39:00 PM

Robot#: DASY5-PG-3 | Run#:	FD-AB-180211-09
Model#:	H91TGD9PW9AN
Phantom#:	ELI4 1103
Tissue Temp:	20.4 (C)
Serial#:	673TTV1050
Antenna:	KT000026A01
Test Freq:	438.1000 (MHz)
Battery:	PMNN4547A
Carry Acc:	PMLN7901A
Audio Acc:	BT(None)
Start Power:	5.51 (W)

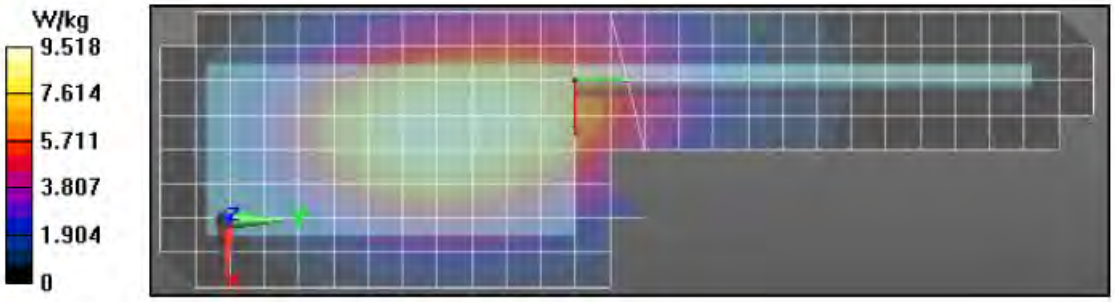
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 438 MHz; σ = 0.92 S/m; ε_r = 54.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 438.1 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.79 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 8.24 W/kg; SAR(10 g) = 6.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.71 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.79 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 10.7 W/kg
SAR(1 g) = 8.15 W/kg; SAR(10 g) = 6.21 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.47 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.45 W/kg



450-512 MHz
Table 24 - Assessments at the Body with Body Worn PMLN7901A

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/15/2017 5:21:07 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-171115-08#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1016
Tissue Temp: 20.3 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 450.0000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: NMN6274A
Start Power: 5.56 (W)

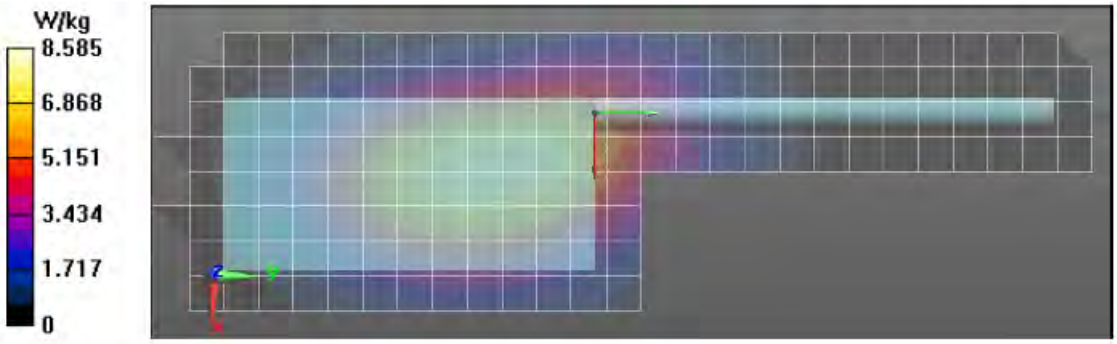
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.92 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 450 MHz, ConvF(10.56, 10.56, 10.56); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 80.25 V/m; Power Drift = -0.39 dB
Fast SAR: SAR(1 g) = 7.29 W/kg; SAR(10 g) = 5.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.61 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 80.25 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 8.81 W/kg
SAR(1 g) = 7.04 W/kg; SAR(10 g) = 5.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.99 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.92 W/kg



450-512 MHz
Table 25 - Assessment at the Body with wireless BT configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/15/2017 7:36:24 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171115-09#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1016
Tissue Temp: 20.2 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 450.0000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 5.50 (W)

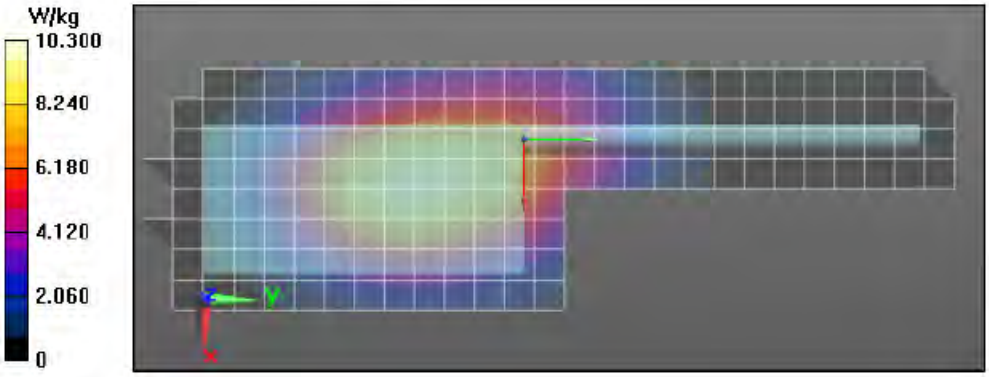
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.92 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 450 MHz, ConvF(10.56, 10.56, 10.56); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.57 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 8.75 W/kg; SAR(10 g) = 6.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.3 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.57 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 8.52 W/kg; SAR(10 g) = 6.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.63 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.54 W/kg



764-775 MHz
Table 27 - Assessments at the Body with Body Worn PMLN7901A

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/23/2017 2:36:33 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171123-04
Model#: H91TGD9PW9AN
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 764.0125 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN7901A
Audio Acc: NMN6274A
Start Power: 2.99 (W)

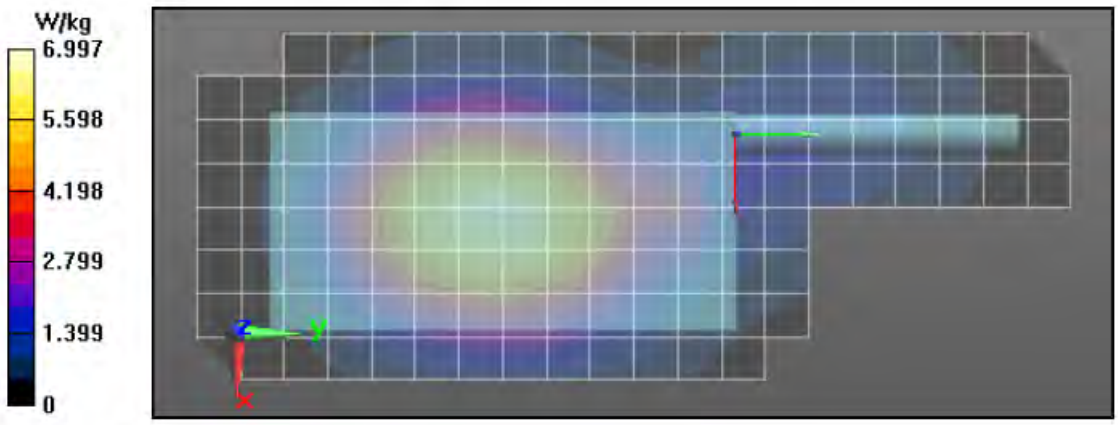
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 764 MHz; σ = 0.93 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 764.013 MHz, ConvF(9.52, 9.52, 9.52); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 64.00 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 5.92 W/kg; SAR(10 g) = 4.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.09 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.00 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 6.93 W/kg
SAR(1 g) = 5.98 W/kg; SAR(10 g) = 4.63 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.54 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.49 W/kg



764-775 MHz
Table 28 - Assessment at the Body with wireless BT configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/5/2018 10:35:54 AM

Robot#: DASY5-PG-1 | Run#:	ZR(AN)-AB-180205-03
Model#:	H91TGD9PW9AN
Phantom#:	ELI4 1028
Tissue Temp:	20.8 (C)
Serial#:	673TTV0848
Antenna:	NAR6595A
Test Freq:	764.0125 (MHz)
Battery:	PMNN4485A
Carry Acc:	PMLN7901A
Audio Acc:	BT(None)
Start Power:	2.97 (W)

Comments: Shorten Scan

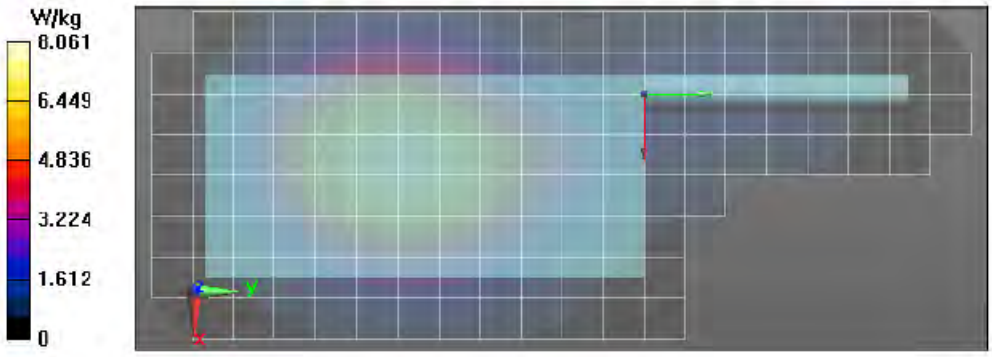
Duty Cycle: 1:1, Medium parameters used: f = 764 MHz; σ = 0.93 S/m; ε_r = 54.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 764.013 MHz, ConvF(9.52, 9.52, 9.52); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 74.77 V/m; Power Drift = -0.36 dB
Fast SAR: SAR(1 g) = 6.88 W/kg; SAR(10 g) = 4.8 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.17 W/kg

Below 2 GHz-Rev.2/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
Reference Value = 74.77 V/m; Power Drift = -0.32 dB
Fast SAR: SAR(1 g) = 6.86 W/kg; SAR(10 g) = 4.9 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.04 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.26 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 8.83 W/kg
SAR(1 g) = 7.32 W/kg; SAR(10 g) = 5.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.17 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.75 W/kg



764-775 MHz
Table 30 - Assessments of PSM configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/23/2017 11:42:00 AM

Robot#: DASY5-PG-1 | Run#:	ZR(AN)-AB-171123-15
Model#:	H91TGD9PW9AN
Phantom#:	ELI4 1028
Tissue Temp:	21.4 (C)
Serial#:	673TTV0848
Antenna:	PMAF4002A
Test Freq:	764.0125 (MHz)
Battery:	PMNN4494A
Carry Acc:	4205823V08REV.N
Audio Acc:	PMMN4059B
Start Power:	2.99 (W)

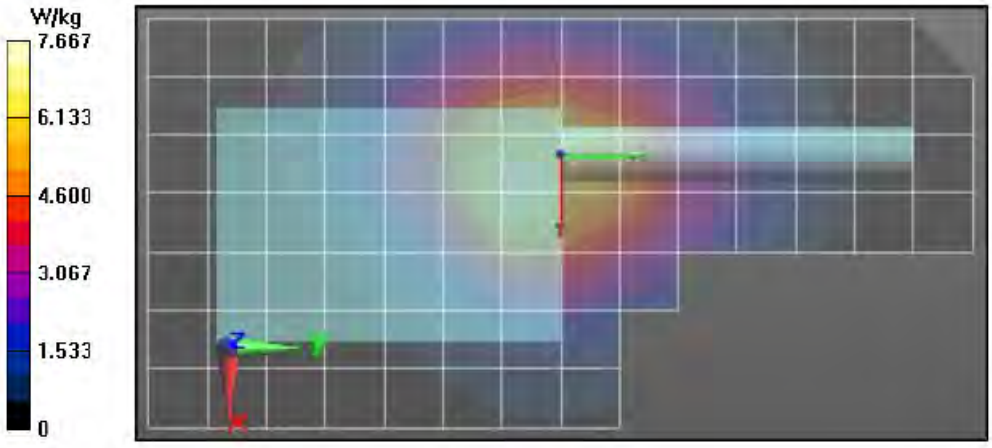
Comments: Power at PSM 2.32 (W)

Duty Cycle: 1:1, Medium parameters used: f = 764 MHz; σ = 0.93 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 764.013 MHz, ConvF(9.52, 9.52, 9.52); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 82.09 V/m; Power Drift = -0.23 dB
Fast SAR: SAR(1 g) = 6.54 W/kg; SAR(10 g) = 4.36 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.06 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 82.09 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 8.36 W/kg
SAR(1 g) = 6.42 W/kg; SAR(10 g) = 4.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.51 W/kg

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



794-824 MHz
Table 32 - Assessments at the Body with Body Worn PMLN7901A

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/23/2017 6:24:11 PM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-AB-171123-23
Model#: H91TGD9PW9AN
Phantom#: ELI4 1028
Tissue Temp: 21.3 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 823.9875 (MHz)
Battery: NNTN8930A
Carry Acc: PMLN7901A
Audio Acc: NMN6274A
Start Power: 3.56 (W)

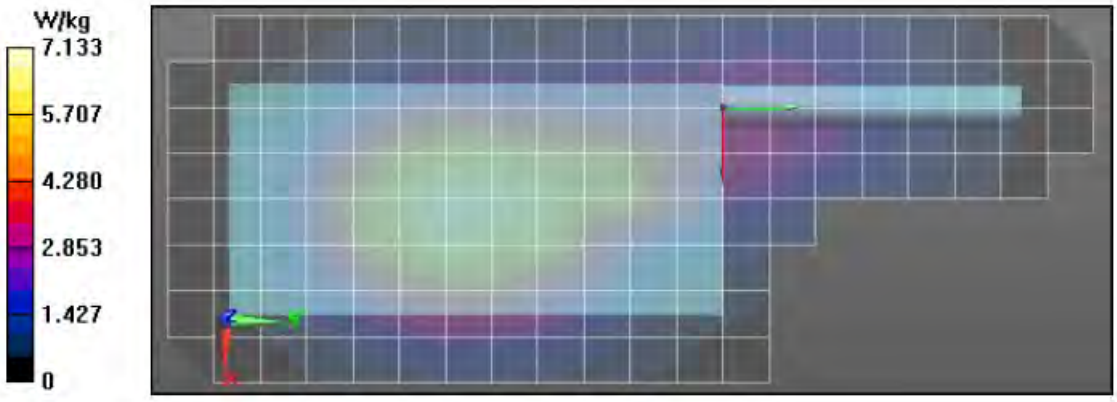
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 823.987 MHz, ConvF(9.28, 9.28, 9.28); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 56.55 V/m; Power Drift = -0.50 dB
Fast SAR: SAR(1 g) = 5.87 W/kg; SAR(10 g) = 4.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.23 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.55 V/m; Power Drift = -0.50 dB
Peak SAR (extrapolated) = 6.80 W/kg
SAR(1 g) = 5.78 W/kg; SAR(10 g) = 4.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.47 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.35 W/kg



794-824 MHz
Table 33 - Assessment at the Body with wireless BT configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/23/2017 10:57:59 PM

Robot#: DASY5-PG-1 | Run#:	AZ-AB-171123-28
Model#:	H91TGD9PW9AN
Phantom#:	ELI4 1028
Tissue Temp:	20.6 (C)
Serial#:	673TTV0848
Antenna:	NAR6595A
Test Freq:	823.9875 (MHz)
Battery:	NNTN8930A
Carry Acc:	PMLN7901A
Audio Acc:	BT(None)
Start Power:	3.55 (W)

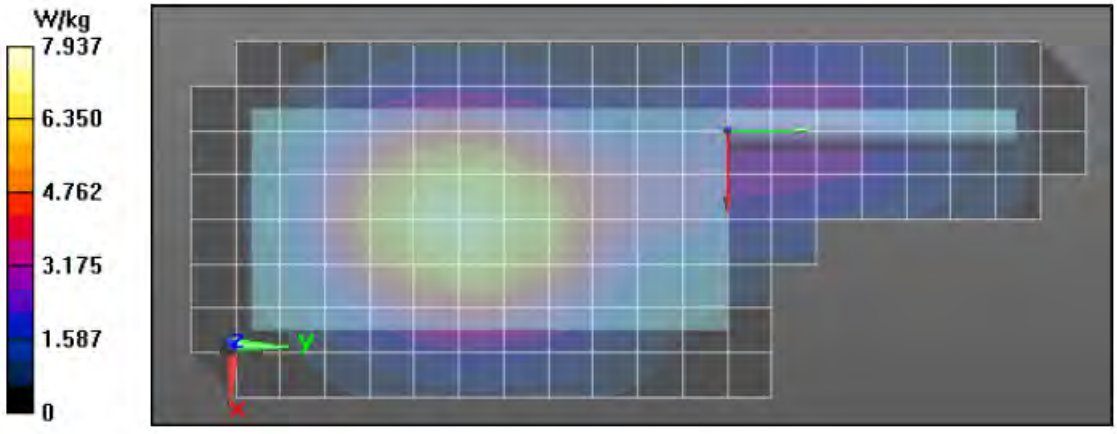
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 823.987 MHz, ConvF(9.28, 9.28, 9.28); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 64.09 V/m; Power Drift = -0.48 dB
Fast SAR: SAR(1 g) = 6.46 W/kg; SAR(10 g) = 4.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.94 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.09 V/m; Power Drift = -0.48 dB
Peak SAR (extrapolated) = 7.59 W/kg
SAR(1 g) = 6.37 W/kg; SAR(10 g) = 4.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.19 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.07 W/kg



794-824 MHz
Table 35 - Assessments of PSM configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/24/2017 7:33:33 PM

Robot#: DASY5-PG-1 | Run#:	AZ-AB-171124-15
Model#:	H91TGD9PW9AN
Phantom#:	ELI4 1028
Tissue Temp:	20.9 (C)
Serial#:	673TTV0848
Antenna:	PMAF4002A
Test Freq:	823.9875 (MHz)
Battery:	PMNN4494A
Carry Acc:	4205823V08REV.N
Audio Acc:	PMMN4061B
Start Power:	3.55 (W)

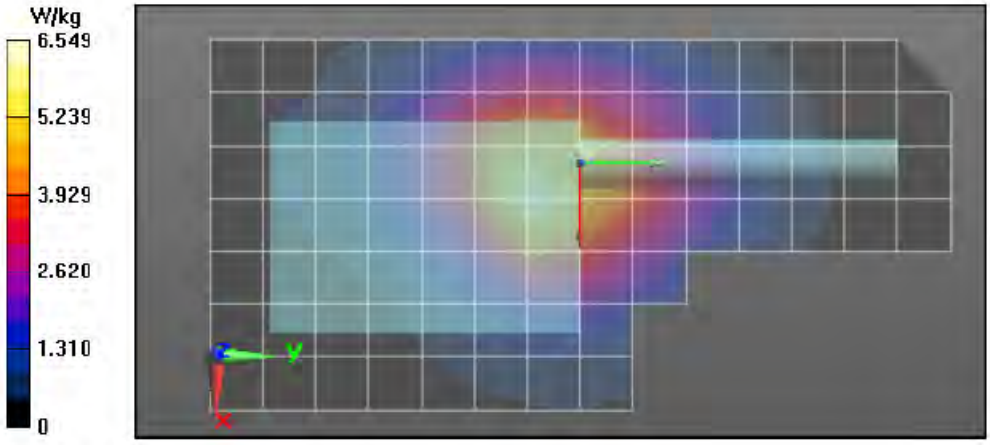
Comments: Power at PSM 2.49 (W)

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.98 S/m; ε_r = 53.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 823.987 MHz, ConvF(9.28, 9.28, 9.28); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 76.34 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 5.32 W/kg; SAR(10 g) = 3.5 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.72 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 76.34 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 6.97 W/kg
SAR(1 g) = 5.14 W/kg; SAR(10 g) = 3.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.21 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.24 W/kg



851-870 MHz
Table 37 - Assessments at the Body with Body Worn PMLN7901A

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/24/2017 5:57:01 AM

Robot#: DASY5-PG-1 | Run#:	AZ-AB-171124-07
Model#:	H91TGD9PW9AN
Phantom#:	ELI4 1028
Tissue Temp:	20.4 (C)
Serial#:	673TTV0848
Antenna:	NAR6595A
Test Freq:	851.0125 (MHz)
Battery:	NNTN8930A
Carry Acc:	PMLN7901A
Audio Acc:	NMN6274A
Start Power:	3.55 (W)

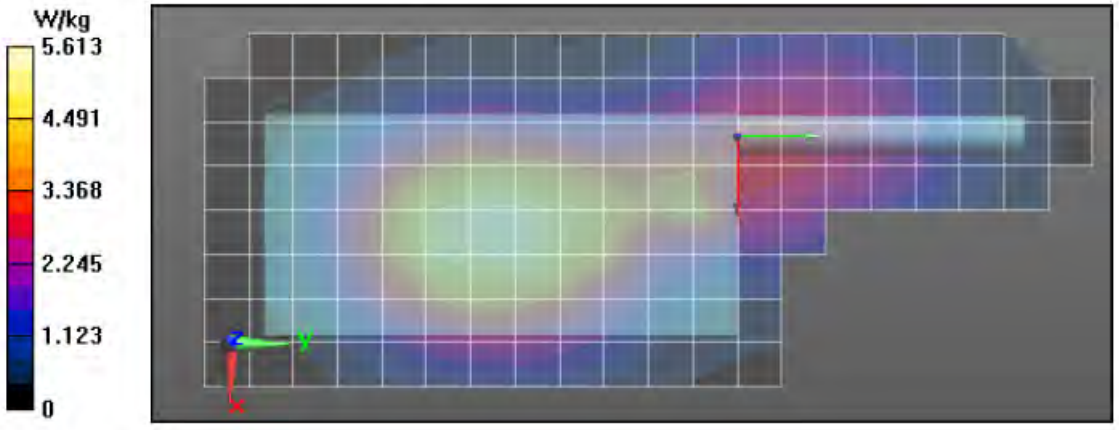
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; σ = 1.01 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 851.013 MHz, ConvF(9.28, 9.28, 9.28); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 52.18 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 4.8 W/kg; SAR(10 g) = 3.32 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.87 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.18 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 5.66 W/kg
SAR(1 g) = 4.72 W/kg; SAR(10 g) = 3.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.33 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.22 W/kg



851-870 MHz
Table 38 - Assessment at the Body with wireless BT configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/24/2017 10:55:04 AM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-AB-171124-12
Model#: H91TGD9PW9AN
Phantom#: ELI4 1028
Tissue Temp: 20.8 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 851.0125 (MHz)
Battery: NNTN8930A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 3.57 (W)

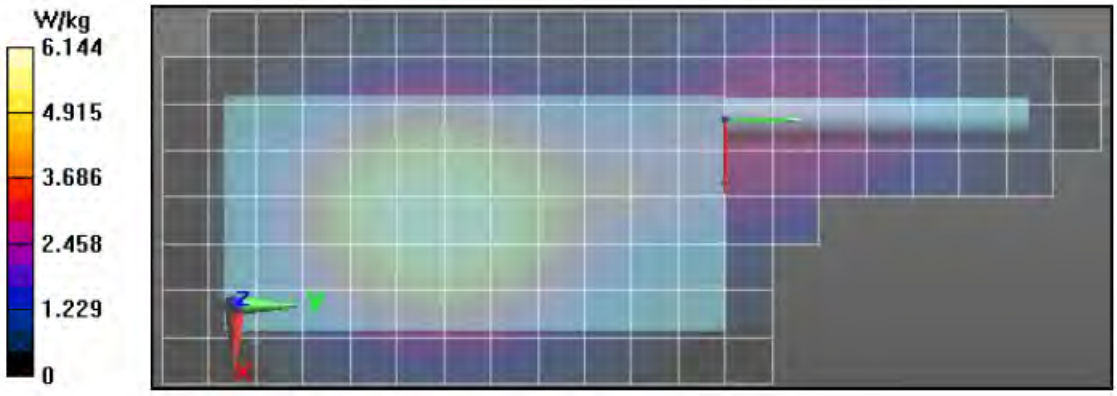
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; σ = 1.01 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 851.013 MHz, ConvF(9.28, 9.28, 9.28); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.30 V/m; Power Drift = -0.58 dB
Fast SAR: SAR(1 g) = 5.23 W/kg; SAR(10 g) = 3.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.34 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.30 V/m; Power Drift = -0.62 dB
Peak SAR (extrapolated) = 6.29 W/kg
SAR(1 g) = 5.24 W/kg; SAR(10 g) = 3.97 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.91 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.81 W/kg



851-870 MHz
Table 40 - Assessments of PSM configuration

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/24/2017 9:32:11 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171124-16
Model#: H91TGD9PW9AN
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 673TTV0848
Antenna: PMAF4002A
Test Freq: 868.9875 (MHz)
Battery: PMNN4494A
Carry Acc: 4205823V08REV.N
Audio Acc: PMMN4059B
Start Power: 3.58 (W)

Comments: Power at PSM 2.70 (W)

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.03 S/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 868.987 MHz, ConvF(9.19, 9.19, 9.19); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 56.25 V/m; Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 3.15 W/kg; SAR(10 g) = 2.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.04 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.25 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 2.89 W/kg; SAR(10 g) = 1.97 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.61 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.68 W/kg

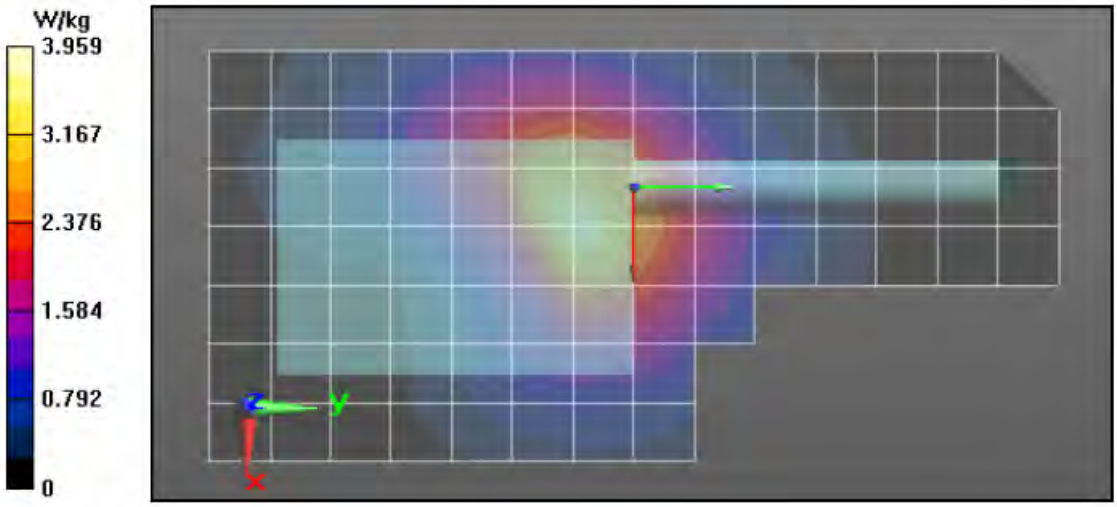


Table 42 – WLAN Assessments of the Body

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/2/2018 1:44:45 AM

Robot#: DASY5-PG-3 | Run#: ZR(ZZ)-AB-180302-02#
Model#: H91TGD9PW9AN (PNUW1036A)
Phantom#: ELI5 1147
Tissue Temp: 21.2 (C)
Serial#: 673TTV0841
Antenna: 84009370002 WiFi Ant
Test Freq: 2412.000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: None
Start Power: 0.0266 (W)

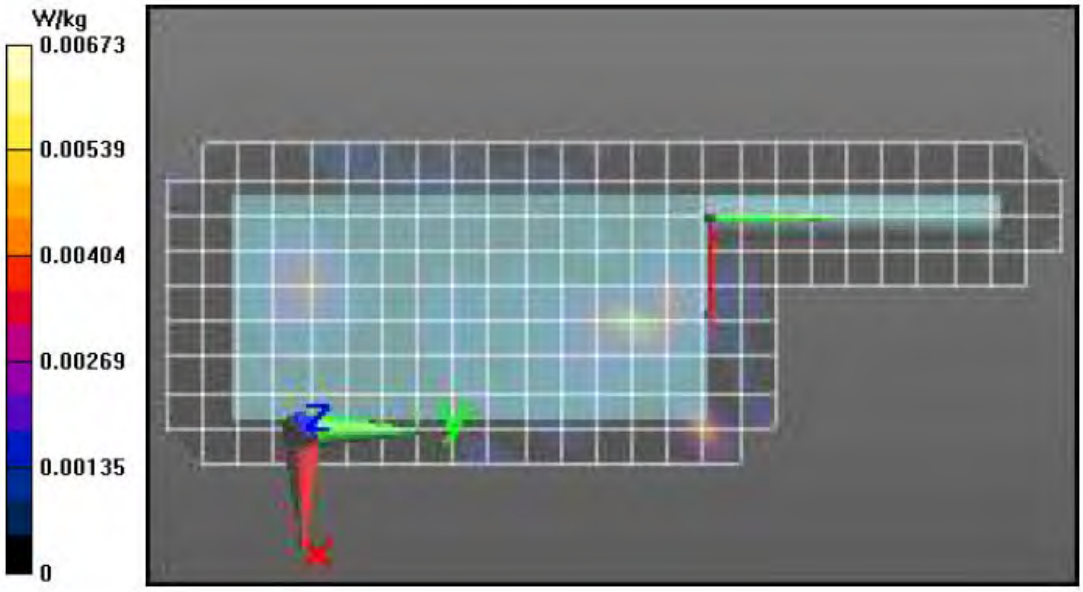
Comments:

Duty Cycle: 1:1.42561, Medium parameters used: f = 2412 MHz; σ = 1.99 S/m; ε_r = 48.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 2412 MHz, ConvF(6.82, 6.82, 6.82); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (111x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 0.9110 V/m; Power Drift = 0.33 dB
Fast SAR: SAR(1 g) = 0.00358 W/kg; SAR(10 g) = 0.00105 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0112 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.9110 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.00302 W/kg; SAR(10 g) = 0.000916 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.00648 W/kg

2-3 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.00598 W/kg



150.8-173.4 MHz
Table 44 - Assessment at the Face (Front of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/21/2017 2:26:29 PM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-FACE-171121-14
Model#: H91TGD9PW9AN
Phantom#: ELI4 1022
Tissue Temp: 21.0 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 173.400 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Front
Audio Acc: None
Start Power: 6.60 (W)

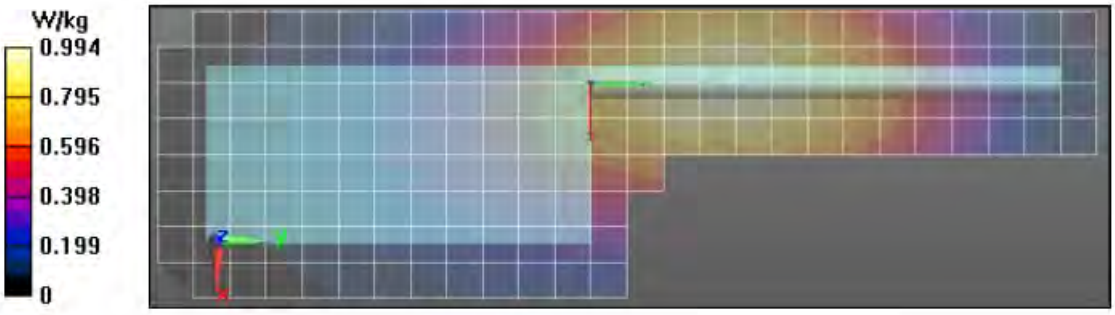
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 173 MHz; σ = 0.78 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 173.4 MHz, ConvF(11.79, 11.79, 11.79); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.07 V/m; Power Drift = -0.89 dB
Fast SAR: SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.652 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.996 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.07 V/m; Power Drift = -1.03 dB
Peak SAR (extrapolated) = 0.978 W/kg
SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.613 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.882 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.860 W/kg



150.8-173.4 MHz
Table 45 - Assessment at the Face (Back of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/7/2018 11:52:32 PM

Robot#: DASY5-PG-3 | Run#:	FD-FACE-180207-13
Model#:	H91TGD9PW9AN
Phantom#:	ELI4 1022
Tissue Temp:	20.5 (C)
Serial#:	673TTV1050
Antenna:	KT000026A01
Test Freq:	173.4000 (MHz)
Battery:	PMNN4485A
Carry Acc:	None; Radio @ Back
Audio Acc:	None
Start Power:	6.42 (W)

Comments:

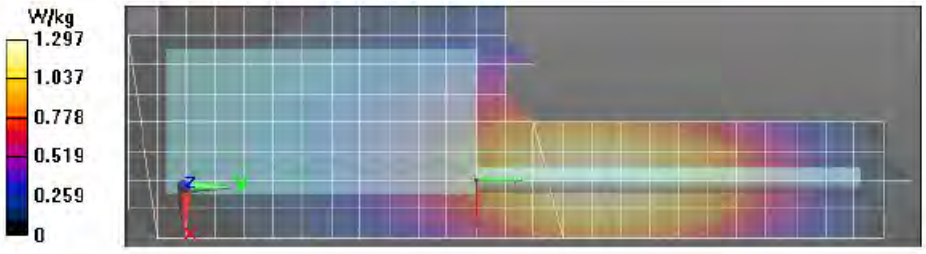
Duty Cycle: 1:1, Medium parameters used: f = 173 MHz; σ = 0.78 S/m; ε_r = 49.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 173.4 MHz, ConvF(10.17, 10.17, 10.17); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.90 V/m; Power Drift = -0.81 dB
Fast SAR: SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.863 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.30 W/kg

Below 2 GHz-Rev.2/FACE Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
Reference Value = 41.90 V/m; Power Drift = -0.88 dB
Fast SAR: SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.769 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.18 W/kg

Below 2 GHz-Rev.2/FACE Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.16 W/kg

Below 2 GHz-Rev.2/FACE Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.94 V/m; Power Drift = -0.42 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.888 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.35 W/kg



406.1-470 MHz
Table 47 - Assessment at the Face (Front of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/16/2017 4:03:19 AM

Robot#: DASY5-PG-1 | Run#: ZR-FACE-171116-06#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1109
Tissue Temp: 20.7 (C)
Serial#: 673TTV0848
Antenna: PMAE4065A
Test Freq: 438.1000 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ front
Audio Acc: None
Start Power: 5.59 (W)

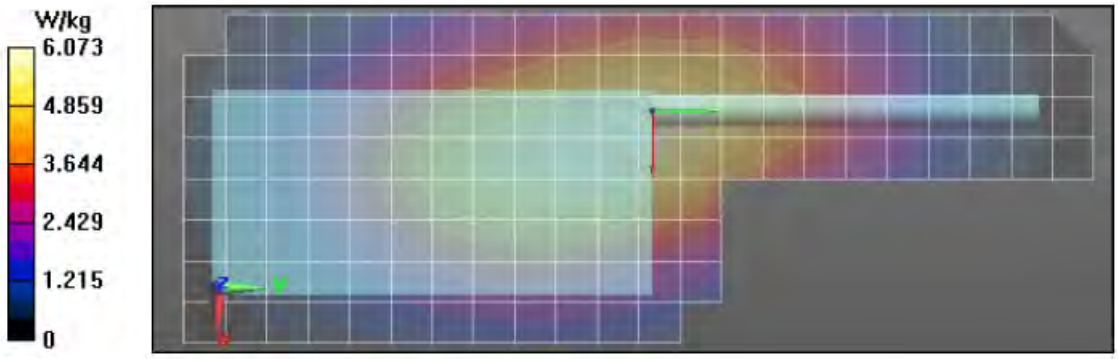
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 438 MHz; σ = 0.86 S/m; ε_r = 43.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 438.1 MHz, ConvF(10.37, 10.37, 10.37); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (101x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 81.54 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 5.18 W/kg; SAR(10 g) = 3.8 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.10 W/kg

Below 2 GHz-Rev.2/FACE Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 81.54 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 6.35 W/kg
SAR(1 g) = 5.16 W/kg; SAR(10 g) = 4.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.82 W/kg

Below 2 GHz-Rev.2/FACE Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.76 W/kg



406.1-470 MHz
Table 48 - Assessment at the Face (Back of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/16/2017 10:53:58 PM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-FACE-171116-16
Model#: H91TGD9PW9AN
Phantom#: ELI4 1109
Tissue Temp: 21.1 (C)
Serial#: 673TTV0848
Antenna: PMAS4001A
Test Freq: 438.1000 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 5.60 (W)

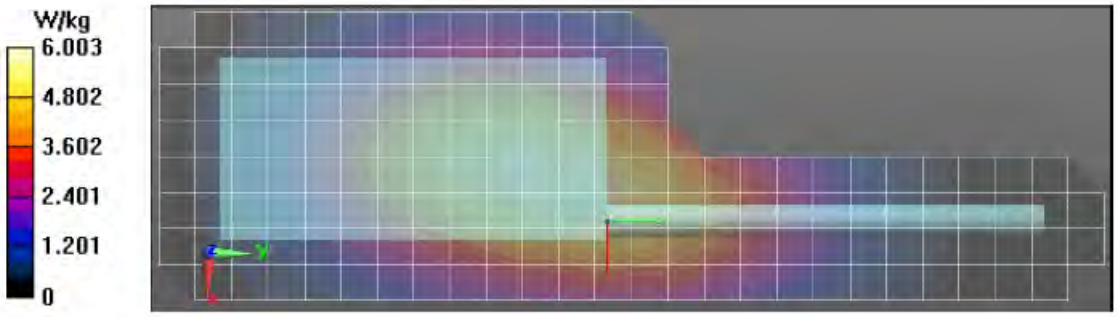
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 438 MHz; σ = 0.84 S/m; ε_r = 43.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 438.1 MHz, ConvF(10.37, 10.37, 10.37); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 79.11 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 5.18 W/kg; SAR(10 g) = 3.77 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.02 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 79.11 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 5.97 W/kg
SAR(1 g) = 5.08 W/kg; SAR(10 g) = 3.94 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.57 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.50 W/kg



450-512 MHz
Table 50 - Assessment at the Face (Front of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/17/2017 8:00:46 AM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-171117-07#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1109
Tissue Temp: 20.9 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 450.0000 (MHz)
Battery: NNTN8930A
Carry Acc: None Radio @ Front
Audio Acc: None
Start Power: 5.36 (W)

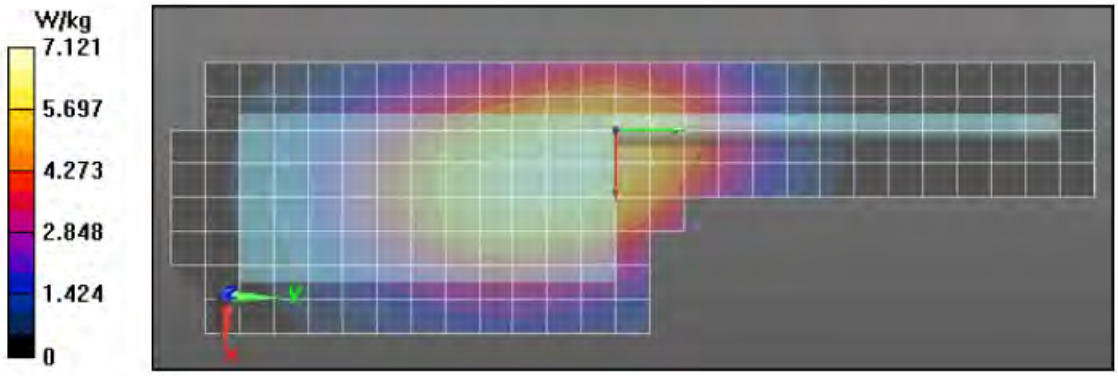
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.85 S/m; ε_r = 42.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 450 MHz, ConvF(10.37, 10.37, 10.37); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 87.60 V/m; Power Drift = -0.46 dB
Fast SAR: SAR(1 g) = 6.09 W/kg; SAR(10 g) = 4.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.14 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 87.60 V/m; Power Drift = -0.66 dB
Peak SAR (extrapolated) = 7.20 W/kg
SAR(1 g) = 5.83 W/kg; SAR(10 g) = 4.49 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.55 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.26 W/kg



450-512 MHz
Table 51 - Assessment at the Face (Back of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/18/2017 12:01:46 AM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-FACE-171118-01#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1109
Tissue Temp: 21.1 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 450.0000 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 5.58 (W)

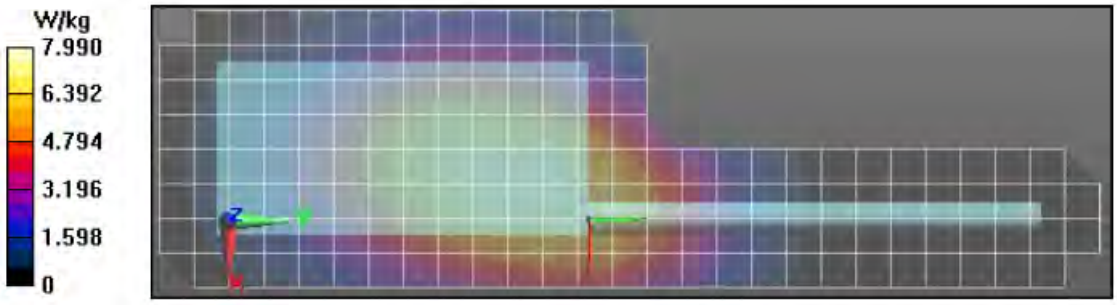
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.85 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 450 MHz, ConvF(10.37, 10.37, 10.37); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.26 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 6.79 W/kg; SAR(10 g) = 4.93 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.01 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.26 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 7.84 W/kg
SAR(1 g) = 6.59 W/kg; SAR(10 g) = 5.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.33 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.26 W/kg



764-775 MHz
Table 53 - Assessment at the Face (Front of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/5/2017 4:18:28 AM

Robot#: DASY5-PG-3 | Run#: ZR-FACE-171205-06#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 20.5 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 764.0125 (MHz)
Battery: PMNN4485A
Carry Acc: @ front
Audio Acc: None
Start Power: 2.95 (W)

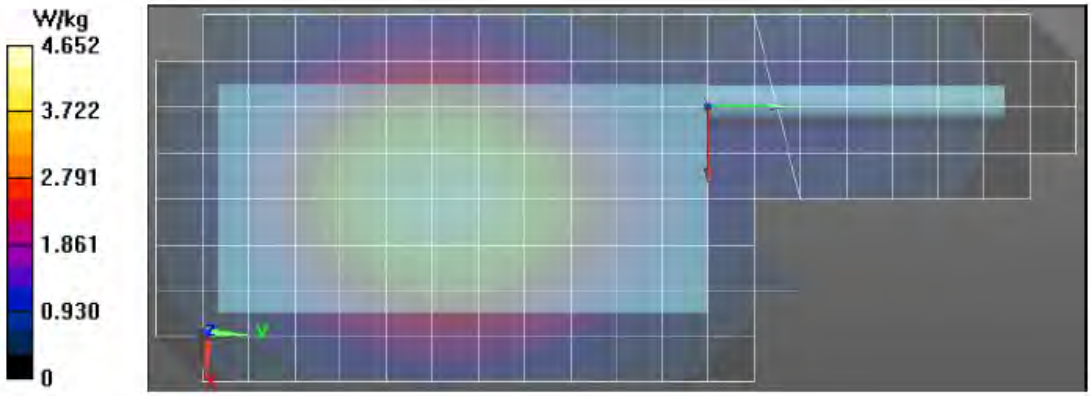
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 764 MHz; σ = 0.87 S/m; ε_r = 43.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 764.013 MHz, ConvF(8.71, 8.71, 8.71); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.51 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 4.23 W/kg; SAR(10 g) = 2.98 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.66 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.51 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 5.17 W/kg
SAR(1 g) = 4.21 W/kg; SAR(10 g) = 3.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.52 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.50 W/kg



764-775 MHz
Table 54 - Assessment at the Face (Back of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/19/2017 12:09:35 AM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-FACE-171219-01#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 20.1 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 764.0125 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 2.96 (W)

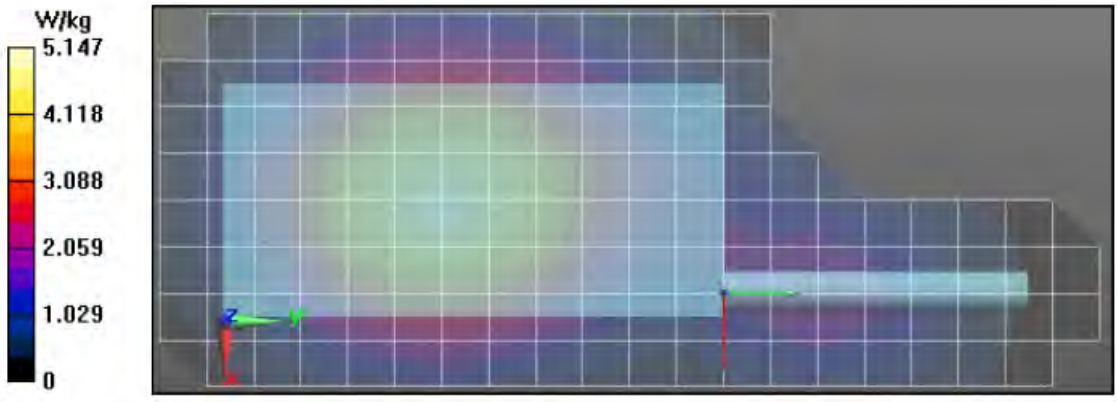
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 764 MHz; σ = 0.86 S/m; ε_r = 41.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 764.013 MHz, ConvF(9.82, 9.82, 9.82); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 61.65 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 4.34 W/kg; SAR(10 g) = 3.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.15 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.65 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 5.07 W/kg
SAR(1 g) = 4.36 W/kg; SAR(10 g) = 3.38 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.79 W/kg

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



794-824 MHz
Table 56 - Assessment at the Face (Front of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/14/2017 4:49:57 AM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-171214-06#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 20.5 (C)
Serial#: 673TTV0848
Antenna: PMAF4040A
Test Freq: 823.9875 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Front
Audio Acc: None
Start Power: 3.55 (W)

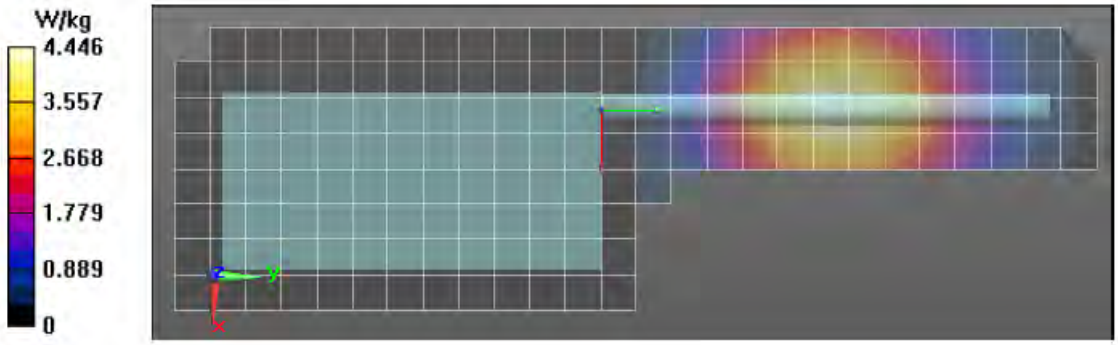
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.92 S/m; ε_r = 41.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 823.987 MHz, ConvF(9.44, 9.44, 9.44); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 67.96 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 3.69 W/kg; SAR(10 g) = 2.58 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.52 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 67.96 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 4.54 W/kg
SAR(1 g) = 3.73 W/kg; SAR(10 g) = 2.83 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.24 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.19 W/kg



794-824 MHz
Table 57 - Assessment at the Face (Back of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/21/2017 3:55:18 AM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-FACE-171221-05
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 20.2 (C)
Serial#: 673TTV1050
Antenna: PMAF4040A
Test Freq: 823.9875 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 3.53 (W)

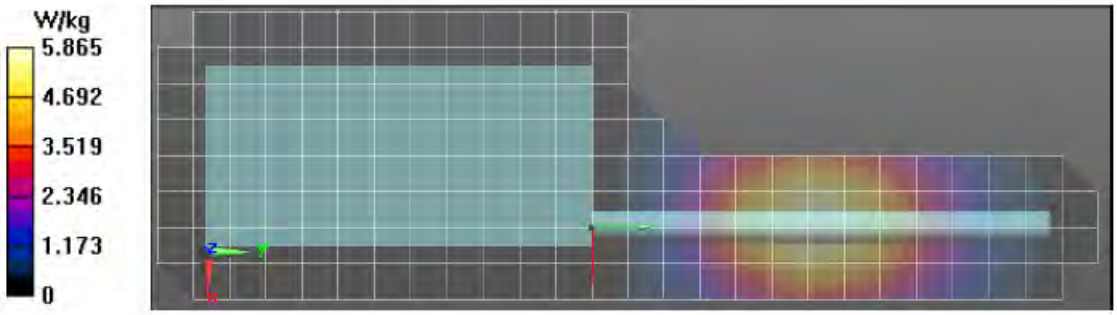
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.93 S/m; ε_r = 41.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 823.987 MHz, ConvF(9.44, 9.44, 9.44); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 79.68 V/m; Power Drift = -0.21 dB
Fast SAR: SAR(1 g) = 4.92 W/kg; SAR(10 g) = 3.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.99 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 79.68 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.77 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.74 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.68 W/kg



851-870 MHz
Table 59 - Assessment at the Face (Front of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/15/2017 6:15:10 AM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-171215-07#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 20.3 (C)
Serial#: 673TTV0848
Antenna: PMAF4040A
Test Freq: 868.9875 (MHz)
Battery: PMNN4494A
Carry Acc: None Radio @ Front
Audio Acc: None
Start Power: 3.56 (W)

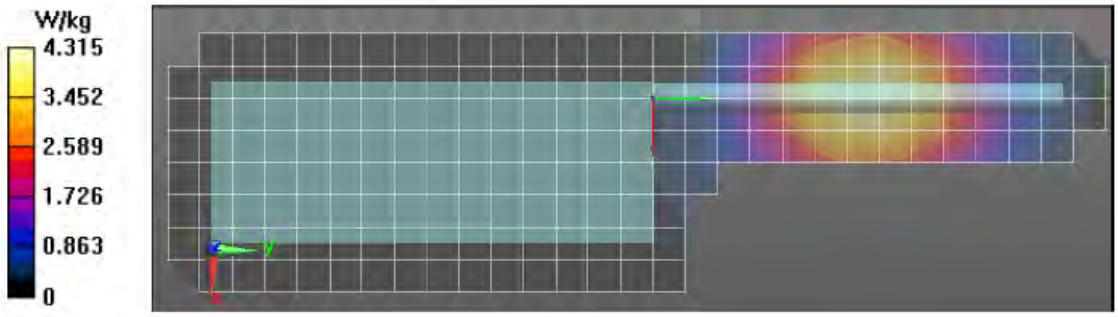
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 0.97 S/m; ε_r = 41; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 868.987 MHz, ConvF(9.28, 9.28, 9.28); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 65.01 V/m; Power Drift = -0.32 dB
Fast SAR: SAR(1 g) = 3.52 W/kg; SAR(10 g) = 2.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.35 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.01 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 3.58 W/kg; SAR(10 g) = 2.73 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.04 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.01 W/kg



851-870 MHz
Table 60 - Assessment at the Face (Back of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/16/2017 2:46:02 AM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-171216-04#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 20.2 (C)
Serial#: 673TTV0848
Antenna: PMAF4040A
Test Freq: 868.9875 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 3.58 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 0.96 S/m; ε_r = 39.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 868.987 MHz, ConvF(9.28, 9.28, 9.28); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 66.00 V/m; Power Drift = -0.23 dB
Fast SAR: SAR(1 g) = 4.23 W/kg; SAR(10 g) = 2.9 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.23 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.00 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 5.07 W/kg
SAR(1 g) = 4.19 W/kg; SAR(10 g) = 3.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.77 W/kg

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

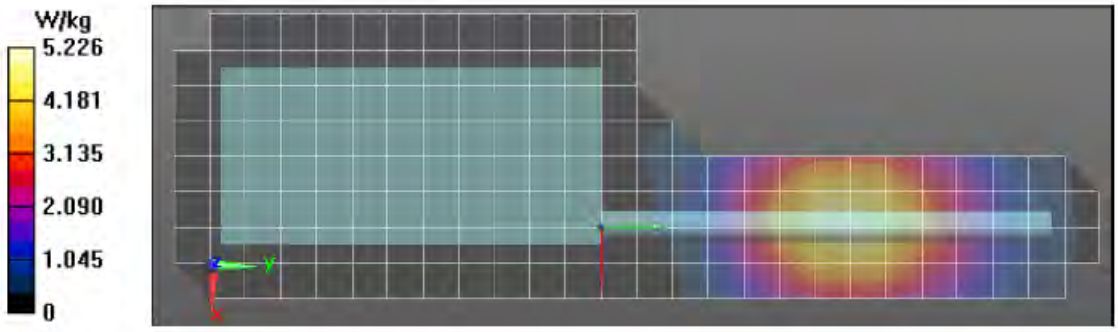


Table 62 – WLAN Assessment at the Face (Back of DUT)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/5/2018 10:58:39 PM

Robot#: DASY5-PG-3 | Run#: AZ(LOH)-FACE-180305-06
Model#: H91TGD9PW9AN (PNUW1036A)
Phantom#: ELI4 1090
Tissue Temp: 21.1 (C)
Serial#: 673TTV0841
Antenna: 84009370002 WiFi Ant
Test Freq: 2412.000(MHz)
Battery: PMNN4485A
Carry Acc: 2.5cm @ Back
Audio Acc: None
Start Power: 0.0279 (W)

Comments:

Duty Cycle: 1:1.42561, Medium parameters used: f = 2412 MHz; σ = 1.84 S/m; ε_r = 36; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 2412 MHz, ConvF(6.59, 6.59, 6.59); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

2-3 GHz-Rev.2/Face Scan/1-Area Scan (111x311x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 4.912 V/m; Power Drift = -0.65 dB
Fast SAR: SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.050 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.124 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.912 V/m; Power Drift = -0.70 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.048 W/kg (SAR corrected for target medium)

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

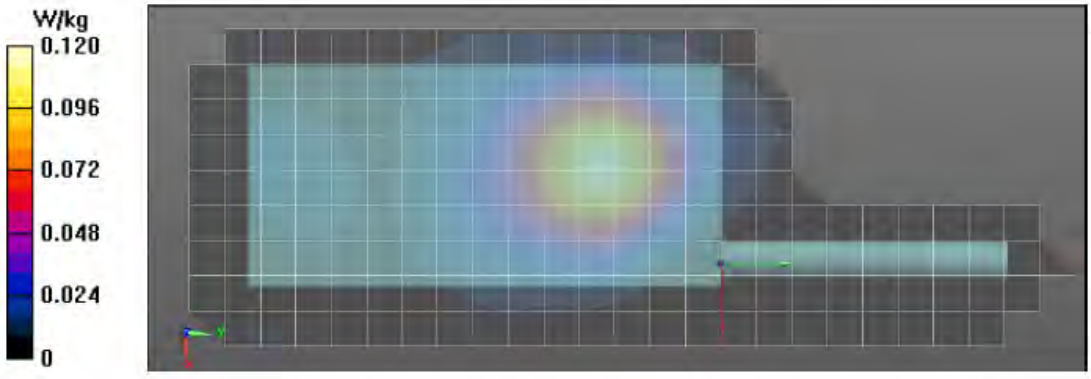


Table 64 - Assessment for ISED, Canada (Body); VHF band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/21/2017 1:52:23 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171121-03#
Model#: H91TGD9PW9AN
Phantom#: ELI5 1150
Tissue Temp: 20.4 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 139.700 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 6.58 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 140 MHz; σ = 0.81 S/m; ε_r = 63.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 139.7 MHz, ConvF(11.23, 11.23, 11.23); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.09 V/m; Power Drift = -0.53 dB
Fast SAR: SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.95 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.20 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.09 V/m; Power Drift = -0.69 dB
Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.67 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.91 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.86 W/kg

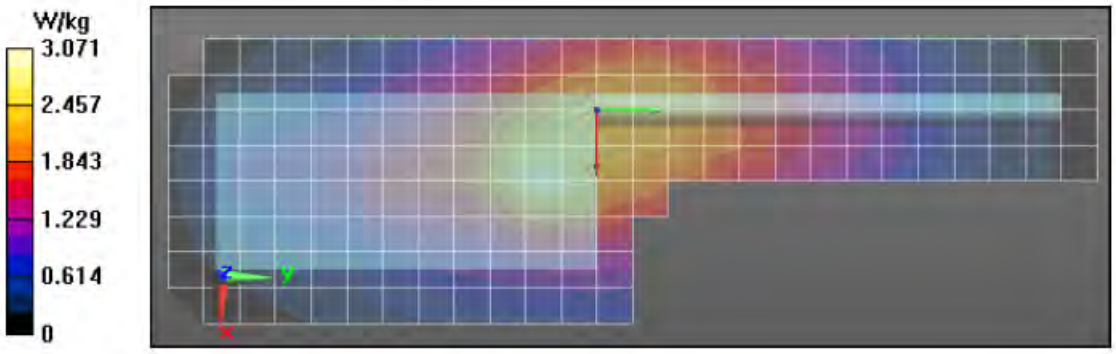


Table 64 - Assessment for ISED, Canada (Face); VHF band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/22/2017 1:13:31 AM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-171122-02#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1022
Tissue Temp: 20.4 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 139.700 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 6.60 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 140 MHz; σ = 0.75 S/m; ε_r = 54.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 139.7 MHz, ConvF(11.79, 11.79, 11.79); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 58.37 V/m; Power Drift = -0.55 dB
Fast SAR: SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.76 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.64 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.37 V/m; Power Drift = -0.65 dB
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 2 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.24 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.20 W/kg

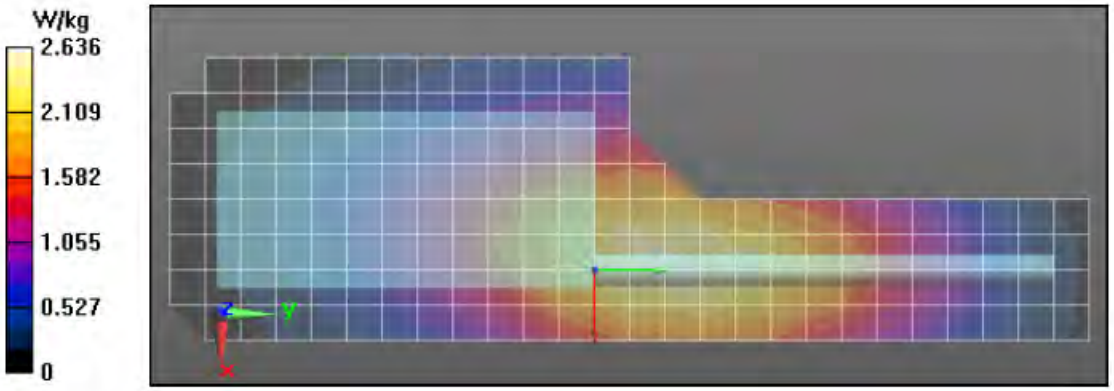


Table 65 - Assessment for ISED, Canada (Body); UHF1 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/11/2018 11:11:39 PM

Robot#: DASY5-PG-3 | Run#: ZR-AB-180211-13
Model#: H91TGD9PW9AN
Phantom#: ELI4 1103
Tissue Temp: 19.8 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 470.0000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 5.52 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.95 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 470 MHz, ConvF(9.35, 9.35, 9.35); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 84.42 V/m; Power Drift = -0.65 dB
Fast SAR: SAR(1 g) = 7.46 W/kg; SAR(10 g) = 5.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.87 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 84.42 V/m; Power Drift = -0.80 dB
Peak SAR (extrapolated) = 9.05 W/kg
SAR(1 g) = 6.85 W/kg; SAR(10 g) = 5.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.01 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.93 W/kg

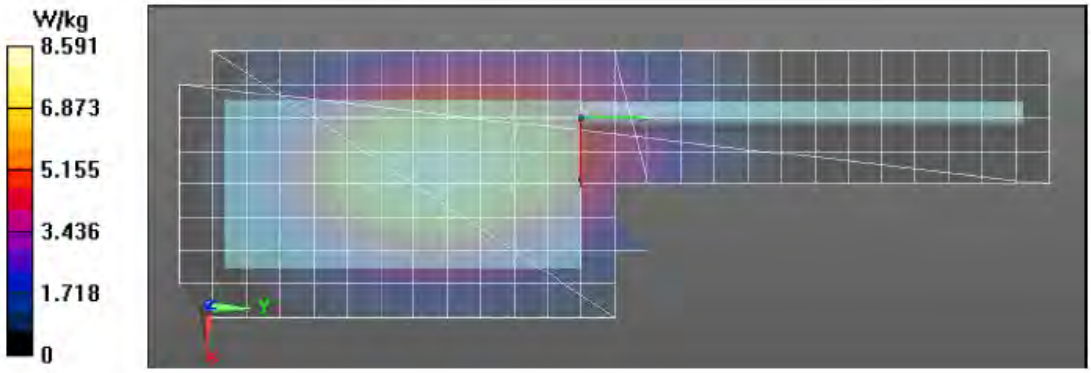


Table 65 - Assessment for ISED, Canada (Face); UHF1 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/9/2018 4:18:01 PM

Robot#: DASY5-PG-3 | Run#: ZR(ZZ)-FACE-180209-10
Model#: H91TGD9PW9AN
Phantom#: ELI4 1050
Tissue Temp: 20.4 (C)
Serial#: 673TTV0848
Antenna: PMAE4065A
Test Freq: 406.1250 (MHz)
Battery: PMNN4485A
Carry Acc: None, Radio @ Front
Audio Acc: None
Start Power: 5.54 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 406 MHz; σ = 0.85 S/m; ε_r = 44.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 406.125 MHz, ConvF(9.25, 9.25, 9.25); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 89.95 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 6.19 W/kg; SAR(10 g) = 4.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.14 W/kg

Below 2 GHz-Rev.2/FACE Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.95 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 7.92 W/kg
SAR(1 g) = 6.14 W/kg; SAR(10 g) = 4.64 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.04 W/kg

Below 2 GHz-Rev.2/FACE Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.99 W/kg

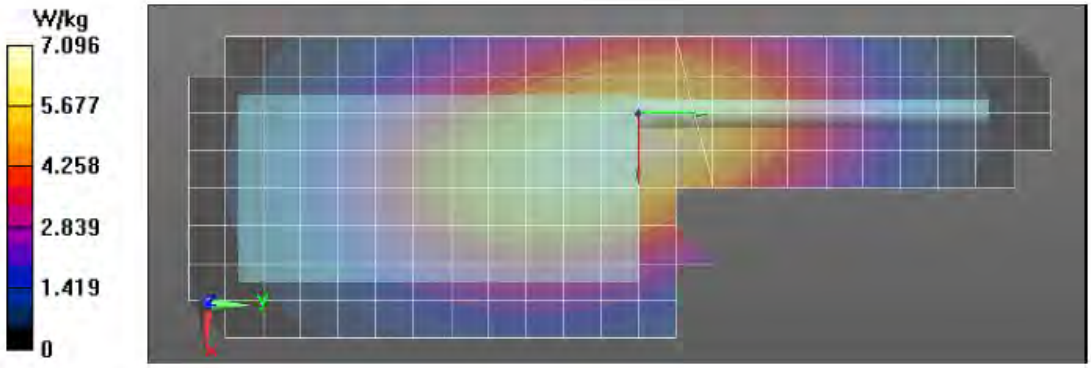


Table 66 - Assessment for ISED, Canada (Body); UHF2 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/15/2017 7:36:24 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171115-09#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1016
Tissue Temp: 20.2 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 450.0000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 5.50 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.92 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 450 MHz, ConvF(10.56, 10.56, 10.56); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.57 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 8.75 W/kg; SAR(10 g) = 6.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.3 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.57 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 8.52 W/kg; SAR(10 g) = 6.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.63 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.54 W/kg

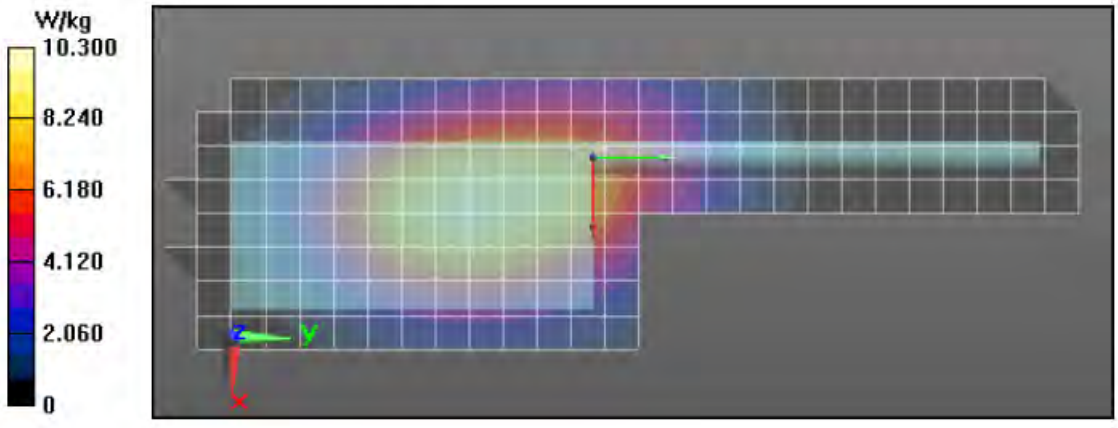


Table 66 - Assessment for ISED, Canada (Face); UHF2 band

Motorola Solutions, Inc. EME Laboratory

Date/Time: 11/17/2017 8:00:46 AM

Robot#: DASY5-PG-1 | Run#: AZ-FACE-171117-07#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1109
Tissue Temp: 20.9 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 450.0000 (MHz)
Battery: NNTN8930A
Carry Acc: None Radio @ Front
Audio Acc: None
Start Power: 5.36 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.85 S/m; ε_r = 42.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 450 MHz, ConvF(10.37, 10.37, 10.37); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 87.60 V/m; Power Drift = -0.46 dB
Fast SAR: SAR(1 g) = 6.09 W/kg; SAR(10 g) = 4.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.14 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 87.60 V/m; Power Drift = -0.66 dB
Peak SAR (extrapolated) = 7.20 W/kg
SAR(1 g) = 5.83 W/kg; SAR(10 g) = 4.49 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.55 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.26 W/kg

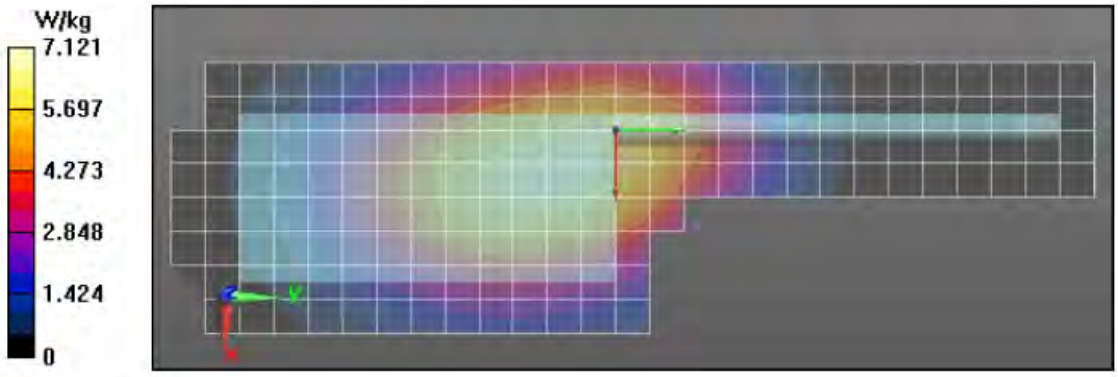


Table 67 - Assessment for ISED, Canada (Body); 7/800 MHz

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/5/2018 11:30:36 AM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-AB-180205-04
Model#: H91TGD9PW9AN
Phantom#: ELI4 1028
Tissue Temp: 20.5 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 770.0000 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 2.98 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; σ = 0.94 S/m; ε_r = 54.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 770 MHz, ConvF(9.52, 9.52, 9.52); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 72.32 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 6.9 W/kg; SAR(10 g) = 4.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.27 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.32 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 8.60 W/kg
SAR(1 g) = 7.09 W/kg; SAR(10 g) = 5.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.97 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.88 W/kg

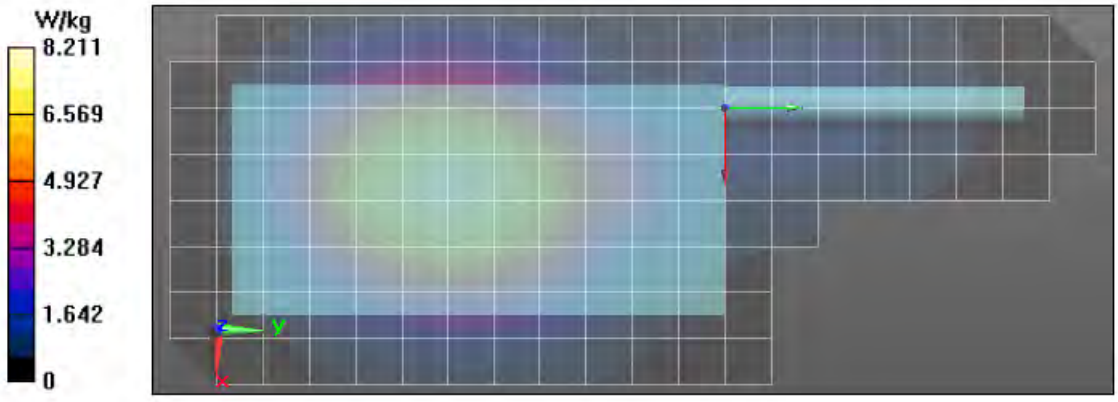


Table 67 - Assessment for ISED, Canada (Face); 7/800 MHz

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/21/2017 3:55:18 AM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-FACE-171221-05
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 20.2 (C)
Serial#: 673TTV1050
Antenna: PMAF4040A
Test Freq: 823.9875 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 3.53 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.93 S/m; ε_r = 41.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 823.987 MHz, ConvF(9.44, 9.44, 9.44); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 79.68 V/m; Power Drift = -0.21 dB
Fast SAR: SAR(1 g) = 4.92 W/kg; SAR(10 g) = 3.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.99 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 79.68 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.77 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.74 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.68 W/kg

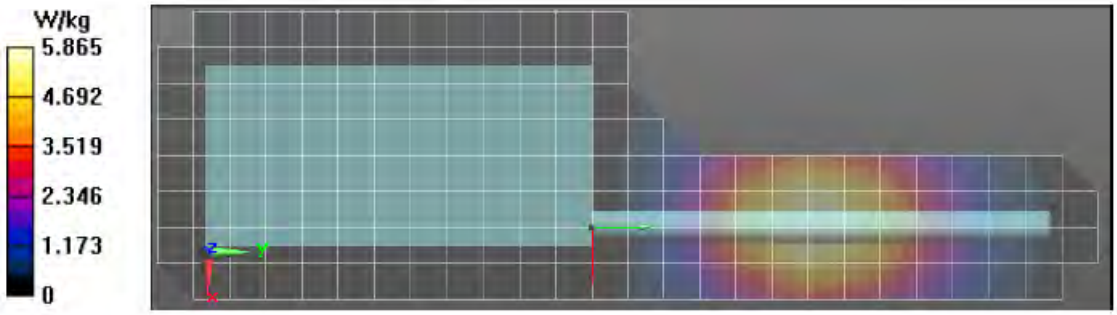


Table 68 - Assessment outside FCC and ISED frequency ranges (Body); VHF band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/21/2017 1:11:39 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171121-02#
Model#: H91TGD9PW9AN
Phantom#: ELI5 1150
Tissue Temp: 20.6 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 136.0000 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 6.60 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 136 MHz; σ = 0.8 S/m; ε_r = 63.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 136 MHz, ConvF(11.23, 11.23, 11.23); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 55.12 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 2.92 W/kg; SAR(10 g) = 2.13 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.51 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 55.12 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.32 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.25 W/kg

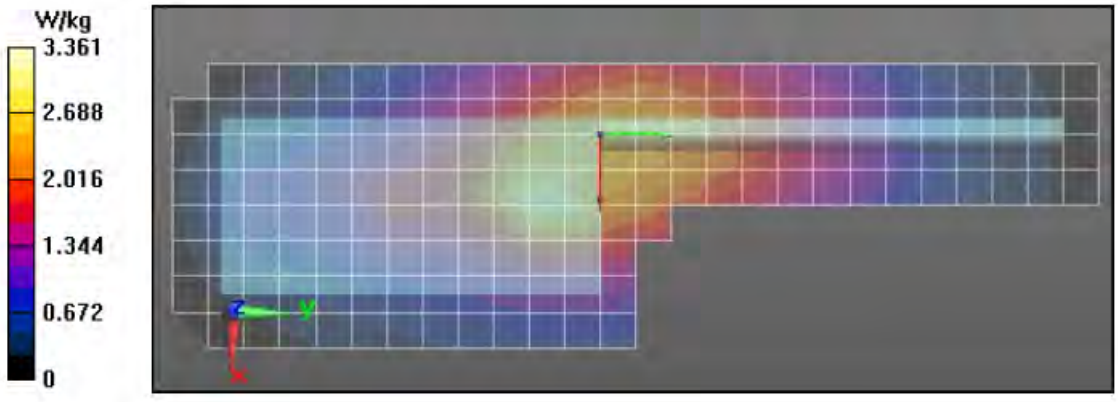


Table 68 - Assessment outside FCC and ISED frequency ranges (Face); VHF band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/22/2017 11:55:59 AM

Robot#: DASY5-PG-1 | Run#: ZR(AN)-FACE-171122-12
Model#: H91TGD9PW9AN
Phantom#: ELI4 1022
Tissue Temp: 20.5 (C)
Serial#: 673TTV1050
Antenna: KT000026A01
Test Freq: 136.000 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Back
Audio Acc: None
Start Power: 6.27 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 136 MHz; σ = 0.72 S/m; ε_r = 55.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 136 MHz, ConvF(11.79, 11.79, 11.79); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.98 V/m; Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.74 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.98 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 2.77 W/kg
SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.87 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.53 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.48 W/kg

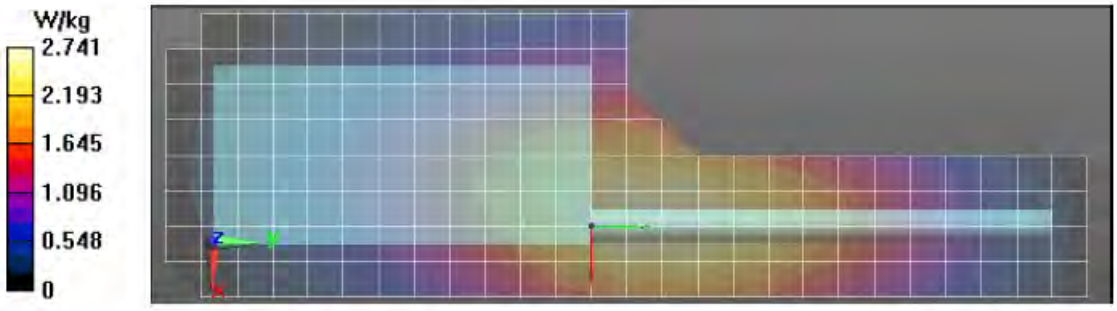


Table 69 - Assessment outside FCC and ISED frequency ranges (Body); UHF1 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/15/2017 6:32:39 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171115-19
Model#: H91TGD9PW9AN
Phantom#: ELI4 1016
Tissue Temp: 20.5 (C)
Serial#: 673TTV0848
Antenna: PMAS4001A
Test Freq: 393.1000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 5.53 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 393 MHz; σ = 0.9 S/m; ε_r = 56.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 393.1 MHz, ConvF(10.56, 10.56, 10.56); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 86.92 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 7.21 W/kg; SAR(10 g) = 5.25 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.40 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 86.92 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 9.22 W/kg
SAR(1 g) = 7.1 W/kg; SAR(10 g) = 5.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.17 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.06 W/kg

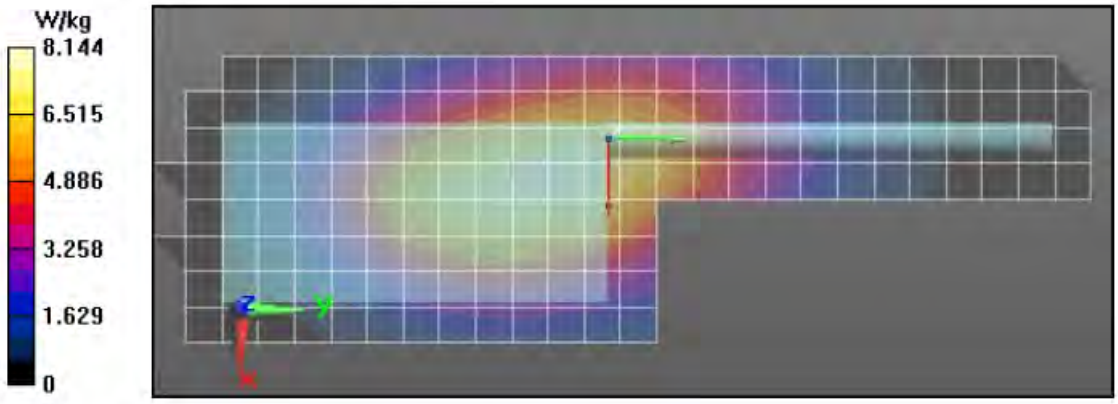


Table 69 - Assessment outside FCC and ISED frequency ranges (Face); UHF1 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/11/2018 10:53:58 AM

Robot#: DASY5-PG-3 | Run#: FD-FACE-180211-02
Model#: H91TGD9PW9AN
Phantom#: ELI4 1050
Tissue Temp: 21.0 (C)
Serial#: 673TTV0848
Antenna: PMAE4065A
Test Freq: 393.100 (MHz)
Battery: PMNN4485A
Carry Acc: None; Radio @ back
Audio Acc: None
Start Power: 5.55 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 393 MHz; σ = 0.85 S/m; ε_r = 45.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 393.1 MHz, ConvF(9.25, 9.25, 9.25); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.27 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 6.95 W/kg; SAR(10 g) = 5.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.02 W/kg

Below 2 GHz-Rev.2/FACE Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.27 V/m; Power Drift = -0.25 dB
Peak SAR (extrapolated) = 8.76 W/kg
SAR(1 g) = 6.79 W/kg; SAR(10 g) = 5.13 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.78 W/kg

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

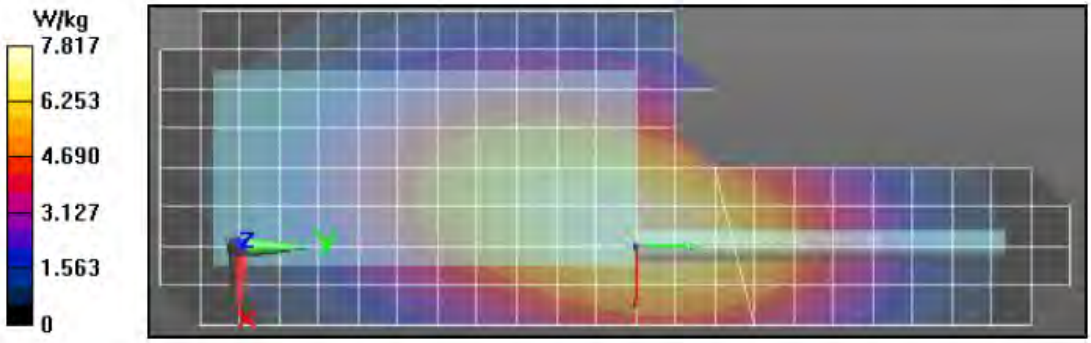


Table 70 - Assessment outside FCC and ISED frequency ranges (Body); UHF2 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/15/2017 1:25:08 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171115-13
Model#: H91TGD9PW9AN
Phantom#: ELI4 1016
Tissue Temp: 20.5 (C)
Serial#: 673TTV0848
Antenna: PMAE4065A
Test Freq: 516.0000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 5.55 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 516 MHz; σ = 0.97 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 516 MHz, ConvF(10.56, 10.56, 10.56); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 60.82 V/m; Power Drift = -0.51 dB
Fast SAR: SAR(1 g) = 4.73 W/kg; SAR(10 g) = 3.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.66 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.82 V/m; Power Drift = -0.60 dB
Peak SAR (extrapolated) = 5.57 W/kg
SAR(1 g) = 4.41 W/kg; SAR(10 g) = 3.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.07 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.94 W/kg

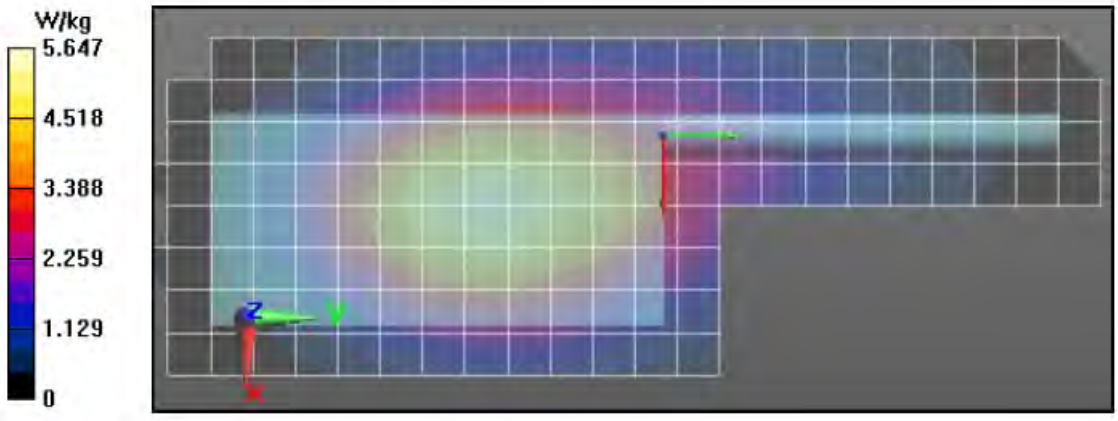


Table 70 - Assessment outside FCC and ISED frequency ranges (Face); UHF2 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/9/2018 1:38:32 AM

Robot#: DASY5-PG-3 | Run#: FD-FACE-180209-02#
Model#: H91TGD9PW9AN
Phantom#: ELI4 1050
Tissue Temp: 20.2 (C)
Serial#: 673TTV0848
Antenna: PMAE4065A
Test Freq: 516.000 (MHz)
Battery: PMNN4485A
Carry Acc: None, Radio @ Back
Audio Acc: None
Start Power: 5.50 (W)

Comments:
Duty Cycle: 1:1, Medium parameters used: f = 516 MHz; σ = 0.91 S/m; ε_r = 41.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 516 MHz, ConvF(9.25, 9.25, 9.25); Calibrated: 5/17/2017
Electronics: DAE4 Sn1294, Calibrated: 5/23/2017

Below 2 GHz-Rev.2/FACE Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 62.95 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.21 W/kg

Below 2 GHz-Rev.2/FACE Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.95 V/m; Power Drift = -0.45 dB
Peak SAR (extrapolated) = 4.48 W/kg
SAR(1 g) = 3.4 W/kg; SAR(10 g) = 2.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.99 W/kg

Below 2 GHz-Rev.2/FACE Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.90 W/kg

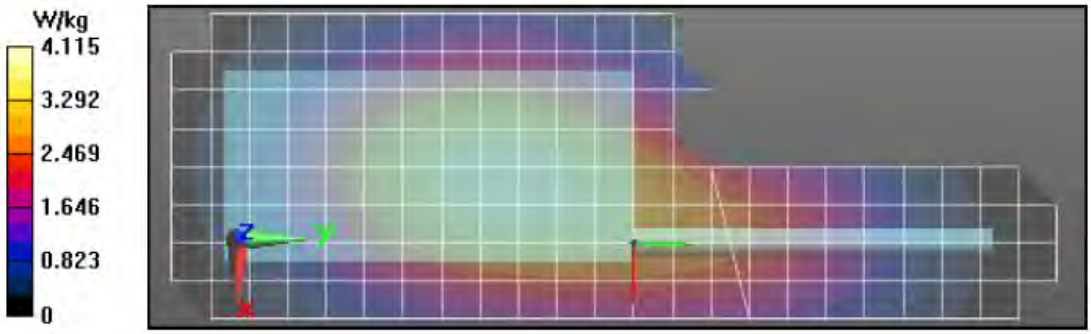


Table 71 - Assessment outside FCC Part 90 (Body); 7/800 band

Motorola Solutions, Inc. EME Laboratory

Date/Time: 12/20/2017 7:45:34 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-171220-05
Model#: H91TGD9PW9AN
Phantom#: ELI4 1028
Tissue Temp: 20.9 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 762.0000 (MHz)
Battery: PMNN4485A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 2.99 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 762 MHz; σ = 0.93 S/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 762 MHz, ConvF(9.52, 9.52, 9.52); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 67.79 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 6.93 W/kg; SAR(10 g) = 4.79 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.28 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 67.79 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 8.08 W/kg
SAR(1 g) = 7.02 W/kg; SAR(10 g) = 5.42 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.68 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.57 W/kg

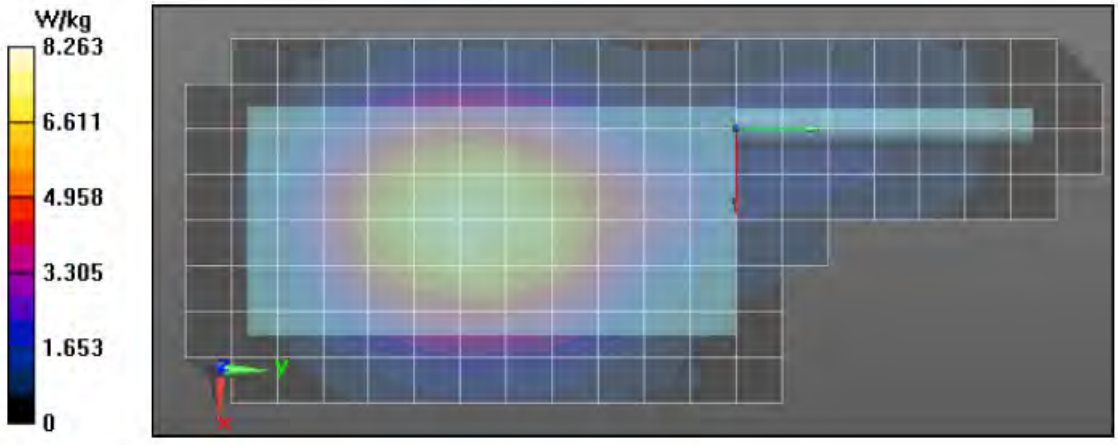


Table 71 - Assessment outside FCC and ISED frequency ranges (Face); 7/800 band

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/19/2017 11:11:01 AM

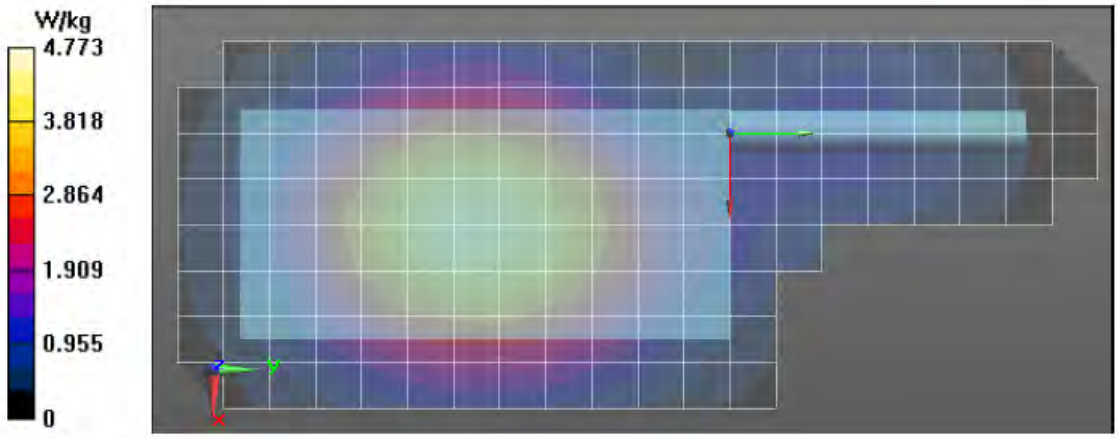
Robot#: DASY5-PG-1 | Run#: AZ(LH)-FACE-171219-10
Model#: H91TGD9PW9AN
Phantom#: ELI4 1037
Tissue Temp: 19.4 (C)
Serial#: 673TTV0848
Antenna: NAR6595A
Test Freq: 762.0000 (MHz)
Battery: PMNN4485A
Carry Acc: None Radio @ Front
Audio Acc: None
Start Power: 2.98 (W)

Comments:
Duty Cycle: 1:1, Medium parameters used: f = 762 MHz; σ = 0.87 S/m; ε_r = 43; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 762 MHz, ConvF(9.82, 9.82, 9.82); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (101x321x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 58.55 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.80 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.55 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 4.71 W/kg
SAR(1 g) = 4.08 W/kg; SAR(10 g) = 3.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.46 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.39 W/kg



APPENDIX F
Shorten Scan of Highest SAR configuration
Table 72

Motorola Solutions, Inc. EME Laboratory
Date/Time: 11/20/2017 12:49:48 PM

Robot#: DASY5-PG-1 | Run#: TLC(AN)-AB-171120-05
Model#: H91TGD9PW9AN
Phantom#: ELI4 1016
Tissue Temp: 20.9 (C)
Serial#: 673TTV0848
Antenna: KT000026A01
Test Freq: 450.0000 (MHz)
Battery: PMNN4547A
Carry Acc: PMLN7901A
Audio Acc: BT(None)
Start Power: 5.56 (W)

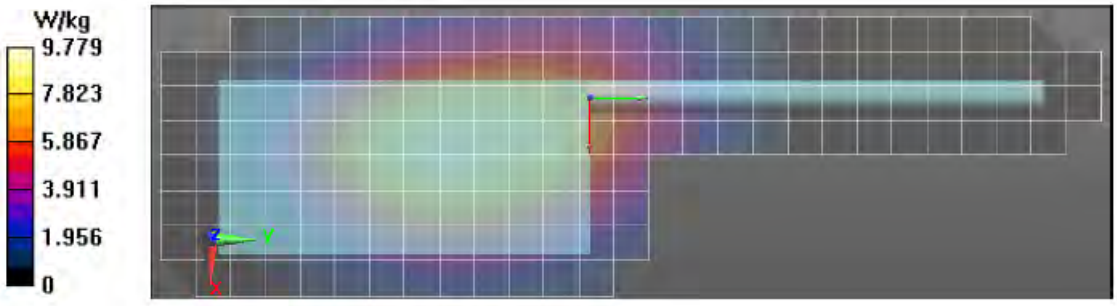
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.92 S/m; ε_r = 54.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3735, , Frequency: 450 MHz, ConvF(10.56, 10.56, 10.56); Calibrated: 3/10/2017
Electronics: DAE4 Sn1488, Calibrated: 2/14/2017

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (101x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 91.92 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 8.35 W/kg; SAR(10 g) = 6.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.88 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 91.92 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 8.24 W/kg; SAR(10 g) = 6.38 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.36 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.29 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)	72	10	4.46
Full scan (area & zoom)	25	40	4.72

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