



CERTIFICATE 2518.05

DECLARATION OF COMPLIANCE SAR ASSESSMENT PCII Report Part 2 of 2

Motorola Solutions Inc.**EME Test Laboratory**

Motorola Solutions Malaysia Sdn Bhd

Plot 2A, Medan Bayan Lepas,

Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.

Date of Report: 04/12/2020**Report Revision:** A

Responsible Engineer: Lee Kin Kting
Report Author: Goh Jue Yie
Date/s Tested: 01/07/2020 -01/09/2020, 02/09/2020-02/11/2020, 02/19/2020, 04/04/2020, 04/05/2020, 04/12/2020
Manufacturer: Motorola Solutions Inc.
DUT Description: 896-940MHz 1-3W 6.25K/12.5K, Capable of digital and analog FM transmission. Also capable of TDMA transmission. This radio is Bluetooth equipped.
Test TX mode(s): CW (PTT); CW (Bluetooth)
Max. Power output: 3.0 W; 10 mW (Bluetooth)
Nominal Power: 2.5W; 10 mW (Bluetooth)
Tx Frequency Bands: 896- 901 MHz, 935-940 MHz,; 2.402-2.480 GHz (Bluetooth)
Signaling type: FM, TDMA, FHSS (Bluetooth)
Model(s) Tested: H51WCH9PW7AN (MUF1608)
Model(s) Certified: H51WCH9PW7AN (MUF1608), H51WCF9PW6AN (MUF1607)
Serial Number(s): 426CNR0099
Classification: Occupational/Controlled
Applicant Name: Motorola Solutions Inc.
Applicant Address: 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322
FCC ID: AZ489FT5864; LMR 896- 901 MHz, 935-940 MHz
This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
IC: 109U-89FT5864; LMR 896- 901 MHz, 935-940 MHz
This report contains results that are immaterial for ISED equipment approval, which are clearly identified.
ISED Test Site registration: 24843
FCC Test Firm Registration Number: 823256

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

Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report (no deviation from standard methods). This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory.

I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.

Tiong Nguk Ing**Deputy Technical Manager (Approved Signatory)****Approval Date: 4/15/2020**

Appendix D

System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/6/2020 12:44:38 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-835B-200106-05
 Dipole Model# D835V2
 Phantom#: ELI4 1090
 Tissue Temp: 21.8 (C)
 Serial#: 4d030
 Test Freq: 835.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.13 dB
 Adjusted SAR (1W): 10.12 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 57.5$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 835 MHz, ConvF(10.23, 10.23, 10.23) @ 835 MHz
 Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

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

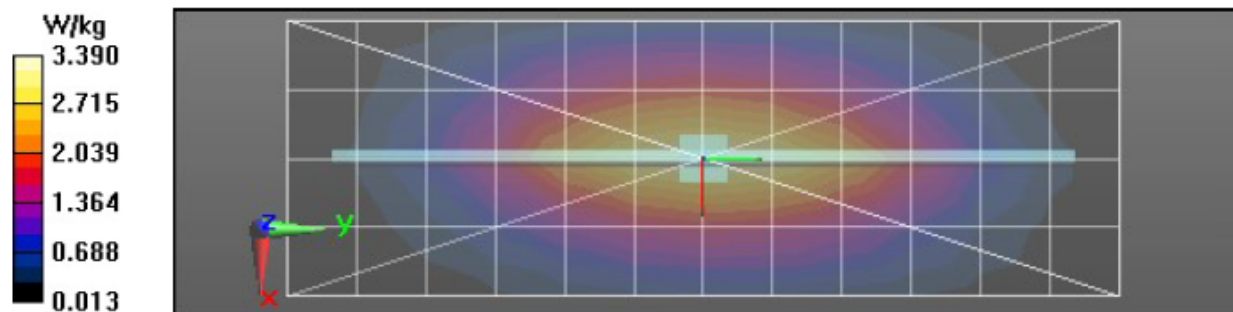
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 61.00 V/m; Power Drift = -0.02 dB
 Fast SAR: SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)
 Maximum value of SAR (interpolated) = 3.39 W/kg

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

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
 Reference Value = 61.00 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 3.88 W/kg
 SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)
 Maximum value of SAR (measured) = 3.41 W/kg

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

grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm
 Maximum value of SAR (measured) = 3.40 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/8/2020 2:40:57 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-835H-200108-07
Dipole Model# D835V2
Phantom#: ELI4 1040
Tissue Temp: 22.1 (C)
Serial#: 4d030
Test Freq: 835.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.056 dB
Adjusted SAR (1W): 9.04 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 835 MHz, ConvF(10.47, 10.47, 10.47) @ 835 MHz
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

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

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

Reference Value = 60.40 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.52 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.01 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 = 60.40 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.43 W/kg

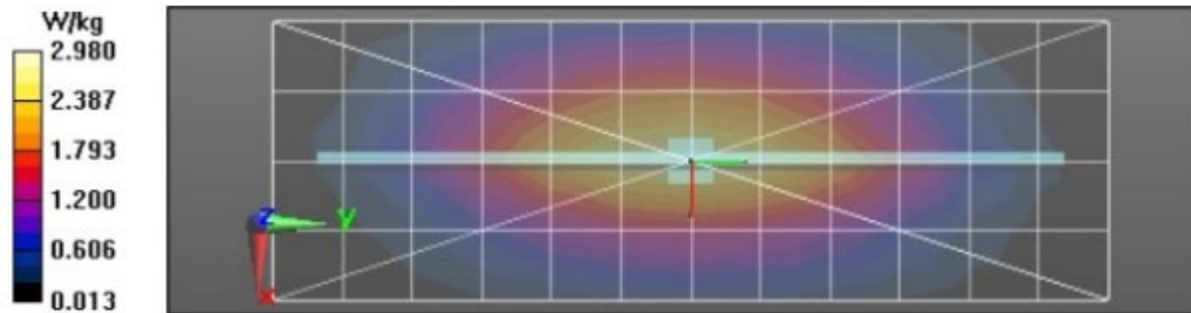
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.04 W/kg

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

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

Maximum value of SAR (measured) = 3.04 W/kg



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Date/Time: 2/18/2020 11:45:45 PM

Robot#: DASY5-PG-2 | Run#: FD-SYSP-900B-200219-01#
Dipole Model#: D900V2
Phantom#: ELI4 1090
Tissue Temp: 20.8 (C)
Serial#: 085
Test Freq: 900.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.140 dB
Adjusted SAR (1W): 11.00 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.05$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7534, Calibrated: 7/25/2019, Frequency: 900 MHz, ConvF(9.8, 9.8, 9.8) @ 900 MHz
Electronics: DAE3 Sn374, Calibrated: 7/17/2019

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x111x1):

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

Reference Value = 62.48 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 2.83 W/kg; SAR(10 g) = 1.83 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.72 W/kg

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

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

Reference Value = 62.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.29 W/kg

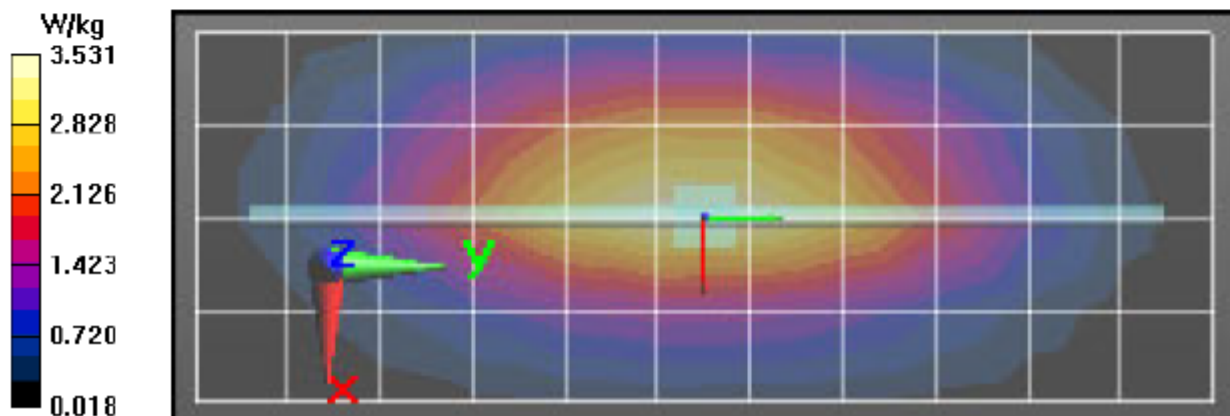
SAR(1 g) = 2.75 W/kg; SAR(10 g) = 1.77 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.76 W/kg

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

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

Maximum value of SAR (measured) = 3.76 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/9/2020 9:52:11 AM

Robot#: DASY5-PG-2 | Run#: FD-SYSP-900H-200209-01
 Dipole Model#: D900V2
 Phantom#: ELI4 1011
 Tissue Temp: 20.3 (C)
 Serial#: 085
 Test Freq: 900.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.120 dB
 Adjusted SAR (1W): 10.56 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1 \text{ S/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7534, Calibrated: 7/25/2019, Frequency: 900 MHz, ConvF(9.84, 9.84, 9.84) @ 900 MHz

Electronics: DAE3 Sn374, Calibrated: 7/17/2019

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x111x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 63.48 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 2.74 W/kg; SAR(10 g) = 1.79 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.68 W/kg

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

Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 63.48 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.23 W/kg

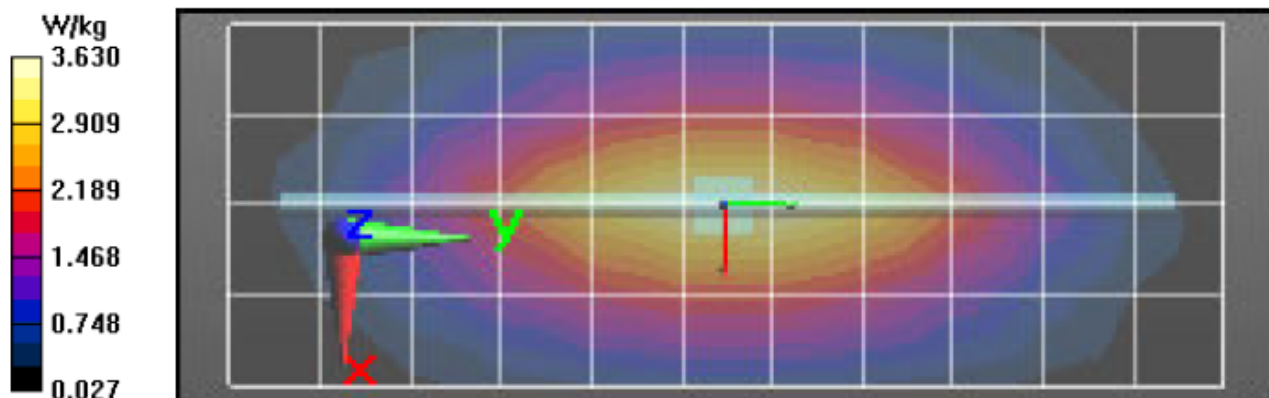
SAR(1 g) = 2.64 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.73 W/kg

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

grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 3.69 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/4/2020 12:11:55 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-900B-200404-12
Dipole Model# D900V2
Phantom#: ELI4 1090
Tissue Temp: 20.9 (C)
Serial#: 085
Test Freq: 900.0000(MHz)
Start Power: 250 (mW)
Rotation (1D): 0.051 dB
Adjusted SAR (1W): 11.32 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.07$ S/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 900 MHz, ConvF(9.95, 9.95, 9.95) @ 900 MHz

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

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

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

Reference Value = 63.52 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 2.93 W/kg; SAR(10 g) = 1.89 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.93 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 = 63.52 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.49 W/kg

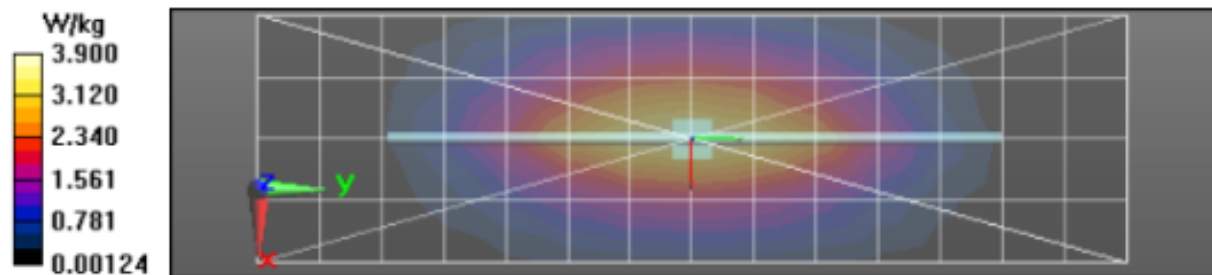
SAR(1 g) = 2.83 W/kg; SAR(10 g) = 1.83 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.95 W/kg

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

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

Maximum value of SAR (measured) = 3.92 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/5/2020 12:21:59 AM

Robot#: DASY5-PG-1 | Run#: ZZ-SYSP-900H-200405-01#
 Dipole Model# D900V2
 Phantom#: ELI4 1011
 Tissue Temp: 20.3 (C)
 Serial#: 085
 Test Freq: 900.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.21 dB
 Adjusted SAR (1W): 10.44 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 900 MHz, ConvF(10.25, 10.25, 10.25) @ 900 MHz

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

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

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

Reference Value = 64.13 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 2.74 W/kg; SAR(10 g) = 1.78 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.66 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 = 64.13 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.22 W/kg

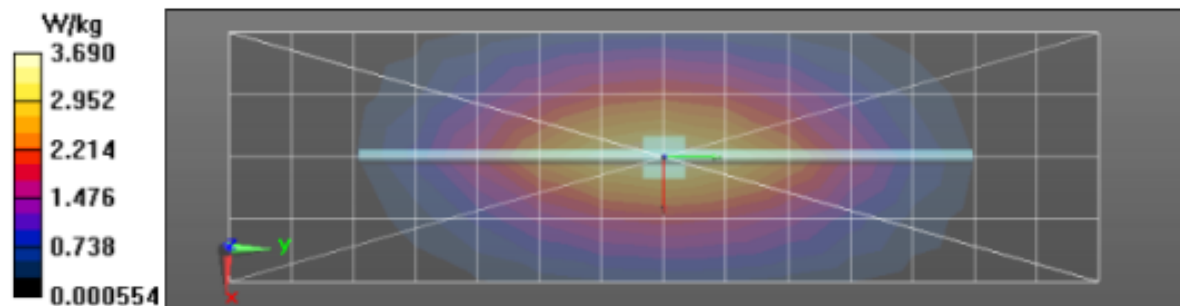
SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.67 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.68 W/kg

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

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

Maximum value of SAR (measured) = 3.69 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/12/2020 4:15:22 PM

Robot#: DASY5-PG-4 | Run#: NZ-SYSP-900H-200412-09
 Dipole Model# D900V2
 Phantom#: ELI4 1011
 Tissue Temp: 20.1 (C)
 Serial#: 085
 Test Freq: 900.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.19 dB
 Adjusted SAR (1W): 9.88 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 900 MHz, ConvF(9.06, 9.06, 9.06) @ 900 MHz
 Electronics: DAF4 Sn729, Calibrated: 10/16/2019

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 = 61.12 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.35 W/kg

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

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

Reference Value = 61.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.75 W/kg

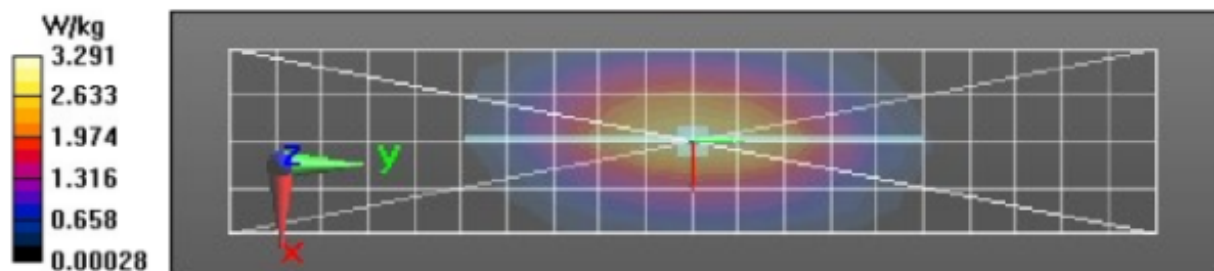
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.61 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.36 W/kg

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

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

Maximum value of SAR (measured) = 3.35 W/kg



Appendix E

DUT Scans

Assessment for FCC & ISED - Table 16 & Table 17

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/7/2020 9:52:17 AM

Robot#: DASY5-PG-1 | Run#: AM-AB-200107-06#
Model#: H51WCF9PW6AN (MUF1802)
Phantom#: ELI4 1090
Tissue Temp: 21.5 (C)
Serial#: 426CNR0099
Antenna: PMAF4008A
Test Freq: 896.0125 (MHz)
Battery: PMNN4491C
Carry Acc: PMLN4651A
Audio Acc: BT None
Start Power: 2.77 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 896$ MHz; $\sigma = 1.05$ S/m; $\epsilon_r = 57.1$; $\rho = 1000$ kg/m³
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 896.013 MHz, ConvF(9.95, 9.95, 9.95) @ 896.013 MHz
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 64.05 V/m; Power Drift = -0.43 dB

Fast SAR: SAR(1 g) = 3.96 W/kg; SAR(10 g) = 2.74 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.02 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 = 64.05 V/m; Power Drift = -0.51 dB

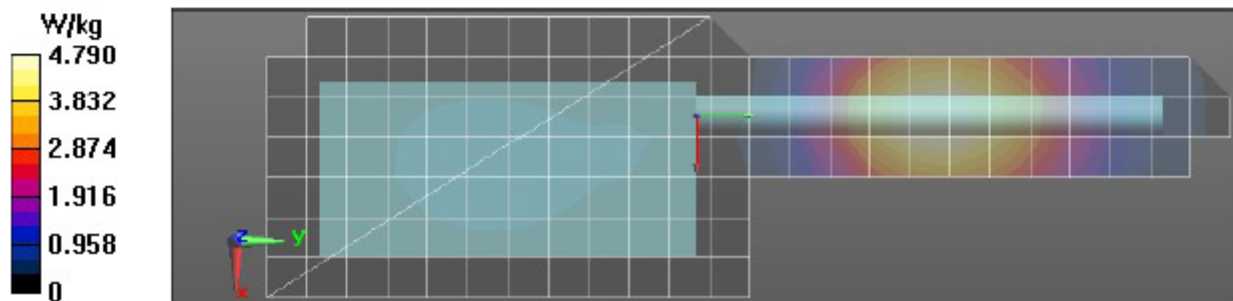
Peak SAR (extrapolated) = 5.38 W/kg

SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.79 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.87 W/kg

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

Maximum value of SAR (measured) = 4.80 W/kg



Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/9/2020 12:30:54 PM

Robot#: DASY5-PG-2 | Run#: FD-FACE-200209-03
 Model#: MUF1608
 Phantom#: ELI4 1011
 Tissue Temp: 19.7 (C)
 Serial#: 426CNR0099
 Antenna: PMAF4008A
 Test Freq: 896.0125 (MHz)
 Battery: NNTN8128C
 Carry Acc: None
 Audio Acc: None
 Start Power: 2.90 (W)

Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 896$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7534, Calibrated: 7/25/2019, Frequency: 896.013 MHz, ConvF(9.84, 9.84, 9.84) @ 896.013 MHz

Electronics: DAE3 Sn374, Calibrated: 7/17/2019

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 62.20 V/m; Power Drift = -0.38 dB

Fast SAR: SAR(1 g) = 2.93 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.73 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 62.20 V/m; Power Drift = -0.42 dB

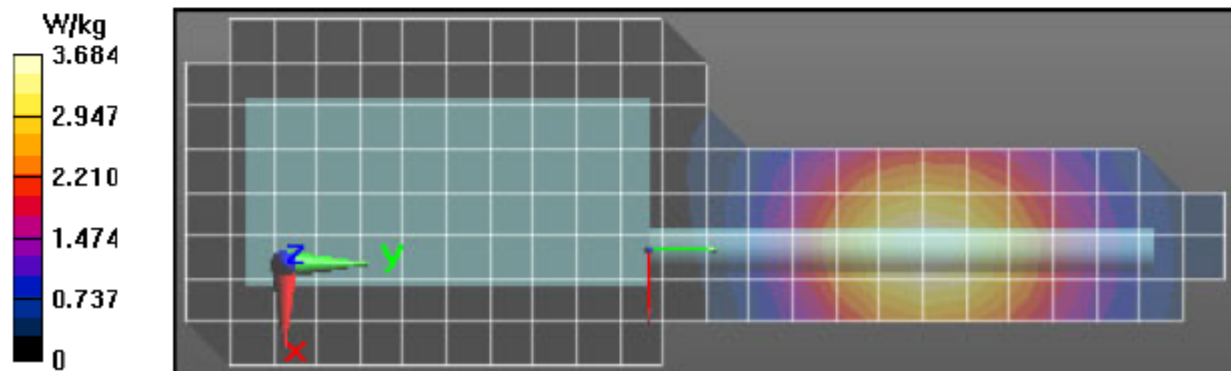
Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 2.83 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.57 W/kg

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

Maximum value of SAR (measured) = 3.54 W/kg



APPENDIX F

Shortened Scan of Highest SAR configuration

Shortened Scan Assessment - Table 18

Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/4/2020 2:47:38 PM

Robot#: DASY5-PG-1 | Run#: AM-AB-200404-15
 Model#: H51WCH9PW7AN (MUF1608)
 Phantom#: ELI4 1090
 Tissue Temp: 20.2 (C)
 Serial#: 426CNR0099
 Antenna: PMAF4008A
 Test Freq: 896.0125 (MHz)
 Battery: PMNN4491C
 Carry Acc: PMLN4651A
 Audio Acc: BT None
 Start Power: 2.82 (W)

Comments: Shorten Scan

Duty Cycle: 1:1, Medium parameters used: $f = 896 \text{ MHz}$; $\sigma = 1.07 \text{ S/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 896.013 MHz, ConvF(9.95, 9.95) @ 896.013 MHz
 Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 68.21 V/m; Power Drift = -0.47 dB

Fast SAR: SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.52 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 = 68.21 V/m; Power Drift = -0.48 dB

Fast SAR: SAR(1 g) = 3.53 W/kg; SAR(10 g) = 2.49 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.40 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 = 71.87 V/m; Power Drift = -0.29 dB

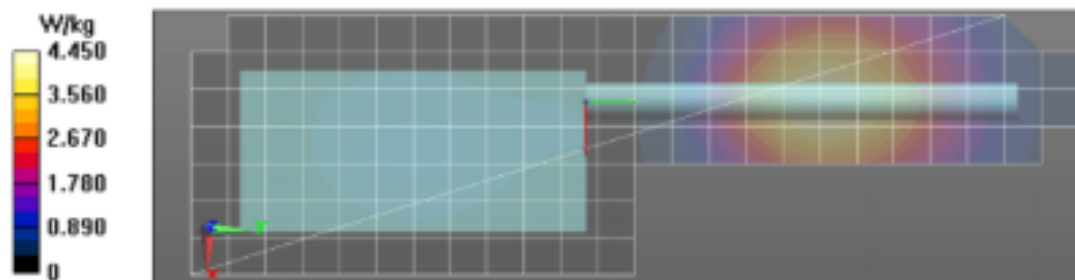
Peak SAR (extrapolated) = 5.40 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.78 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.85 W/kg

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

Maximum value of SAR (measured) = 4.36 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)	18	8	2.20
Full scan (area & zoom)	16	25	2.37

APPENDIX G

DUT Test Position Photos

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with antenna PMAF4008A, new offered battery PMNN4491C and body worn PMLN4651A positioned against the phantom without an audio accessory attached



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of DUT	@ base of antenna	@ tip of antenna
PMAF4008A	6	28	47

1.2 Face

Front of DUT with antenna PMAF4008A and new offered battery NNTN8128C separated 2.5cm from the phantom without an audio accessory attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of DUT	@ base of antenna	@ tip of antenna
PMAF4008A	27	41	53

APPENDIX H

Battery Photo



New offered battery PMNN4491C



New offered battery NNTN8128C

For photos of other previously approved accessories please refer to previous filing report.