



**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:** 04/18/2020  
**Report Revision:** A

**Responsible Engineer:** Ch'ng Jian Sheng & Lee Kin Kting  
**Report Author:** Lee Kin Kting  
**Date/s Tested:** 09/27/2019, 10/08/2019, 11/10/2019, 11/17/2019, 12/30/2019 - 12/31/2019, 01/15/20, 01/17/2019, 03/29/2020-03/30/2020, 04/05/2020, 04/08/2020  
**Manufacturer:** Motorola Solutions Inc.  
**DUT Description:** 136-174 MHz, 25 kHz/12.5 kHz /25 kHz. Capable of digital and analog FM transmission. Also capable of TDMA transmission.  
**Test TX mode(s):** CW (PTT)  
**Max. Power output:** 5.9 W  
**Nominal Power:** 5.5 W  
**Tx Frequency Bands:** LMR 136-174 MHz  
**Signaling type:** FM, TDMA  
**Model(s) Tested:** H51KDD9PW5AN (MUD3226)  
**Model(s) Certified:** H51KDD9PW5AN (MUD3226), H51KDF9PW6AN (MUD2604), H51KDH9PW7AN (MUD2606)  
**Serial Number(s):** 426TNV0156  
**Classification:** Occupational/Controlled  
**Applicant Name:** Motorola Solutions Inc.  
**Applicant Address:** 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322  
**FCC ID:** AZ489FT3825; LMR 150.8 – 173.4 MHz  
 This report contains results that are immaterial for FCC equipment approval, which are clearly identified.  
**IC:** 109U-89FT3825  
 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: 4/20/2020**

## **Appendix D**

### **System Verification Check Scans**

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 9/27/2019 12:07:31 AM

Robot#: DASY5-PG-4 | Run#: AM-SYSP-150H-190927-01#  
 Dipole Model# CLA150  
 Phantom#: ELI4 1109  
 Tissue Temp: 20.9 (C)  
 Serial#: 4005  
 Test Freq: 150.0000 (MHz)  
 Start Power: 1000 (mW)  
 Rotation (1D): 0.12 dB  
 Adjusted SAR (1W): 3.94 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.79$  S/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7485, Calibrated: 1/23/2019, Frequency: 150 MHz, ConvF(14.29, 14.29, 14.29) @ 150 MHz  
 Electronics: DAE4 Sn688, Calibrated: 1/10/2019

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

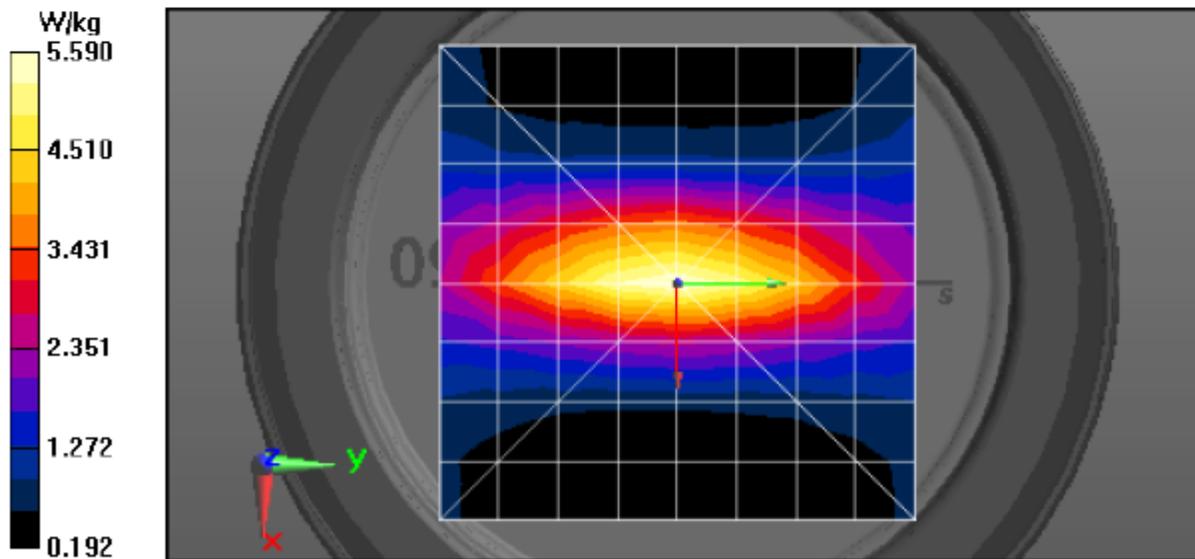
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 85.31 V/m; Power Drift = -0.02 dB  
 Fast SAR: SAR(1 g) = 4.63 W/kg; SAR(10 g) = 3.3 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.76 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 85.31 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 6.97 W/kg  
 SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.59 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 5.71 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.69 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 10/21/2019 8:33:57 PM

Robot#: DASY5-PG-2 | Run#: ZZ(NZ)-SYSP-150H-191021-05  
Dipole Model#: CLA150  
Phantom#: ELI4 1109  
Tissue Temp: 20.8 (C)  
Serial#: 4005  
Test Freq: 150 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.17 dB  
Adjusted SAR (1W): 3.86 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.75$  S/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7534, Calibrated: 7/25/2019, Frequency: 150 MHz, ConvF(13.79, 13.79, 13.79) @ 150 MHz  
Electronics: DAE3 Sn374, Calibrated: 7/17/2019

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

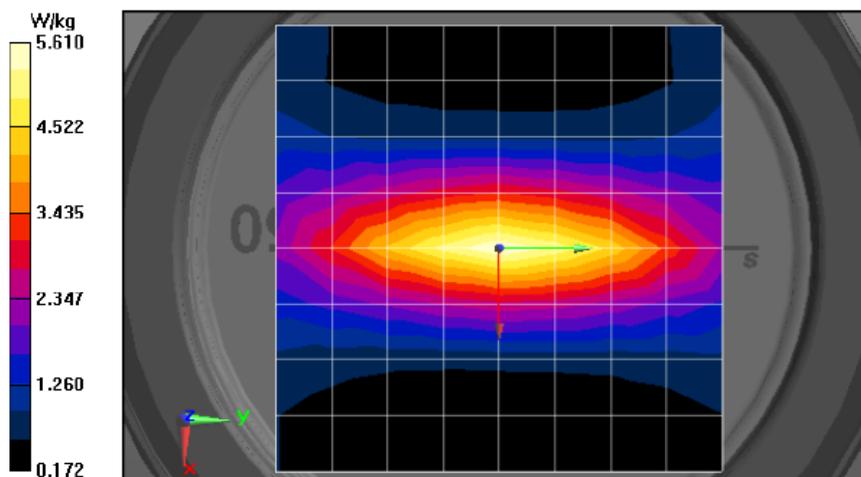
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 86.48 V/m; Power Drift = -0.13 dB  
Fast SAR: SAR(1 g) = 4.68 W/kg; SAR(10 g) = 3.29 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 5.65 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 86.48 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 7.11 W/kg  
SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.49 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.65 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 5.60 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 11/17/2019 3:50:14 PM

Robot#: DASY5-PG-3 | Run#: FD(NZ)-SYSP-150H-191117-07  
Dipole Model#: CLA150  
Phantom#: ELI4 1108  
Tissue Temp: 20.8 (C)  
Serial#: 4005  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.17 dB  
Adjusted SAR (1W): 3.85 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.73$  S/m;  $\epsilon_r = 50$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7364, Calibrated: 1/23/2019, Frequency: 150 MHz, ConvF(12.97, 12.97, 12.97) @ 150 MHz  
Electronics: DAE4 Sn1483, Calibrated: 1/10/2019

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

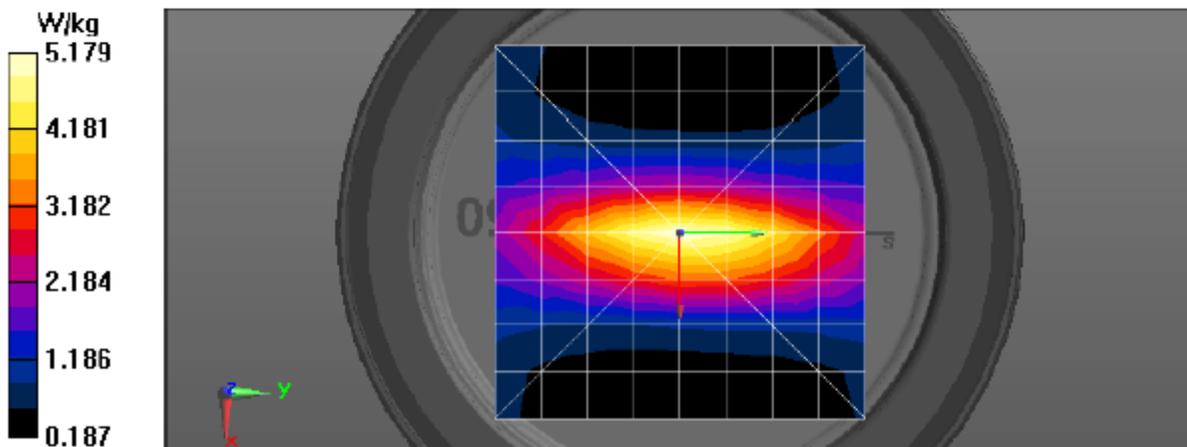
Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Reference Value = 85.57 V/m; Power Drift = -0.12 dB  
Fast SAR: SAR(1 g) = 4.48 W/kg; SAR(10 g) = 3.18 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 5.33 W/kg

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

Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm  
Reference Value = 85.57 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 6.46 W/kg  
SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.51 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.32 W/kg

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

grid:  $dx=20$ mm,  $dy=20$ mm,  $dz=10$ mm  
Maximum value of SAR (measured) = 5.30 W/kg



### Motorola Solutions, Inc. EME Laboratory Date/Time: 12/30/2019 10:58:48 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-150H-191230-02  
Dipole Model# CLA150  
Phantom#: ELI4 1190  
Tissue Temp: 22.2 (C)  
Serial#: 4005  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.17 dB  
Adjusted SAR (1W): 4.08 mW/g (1g)

**Comments:**

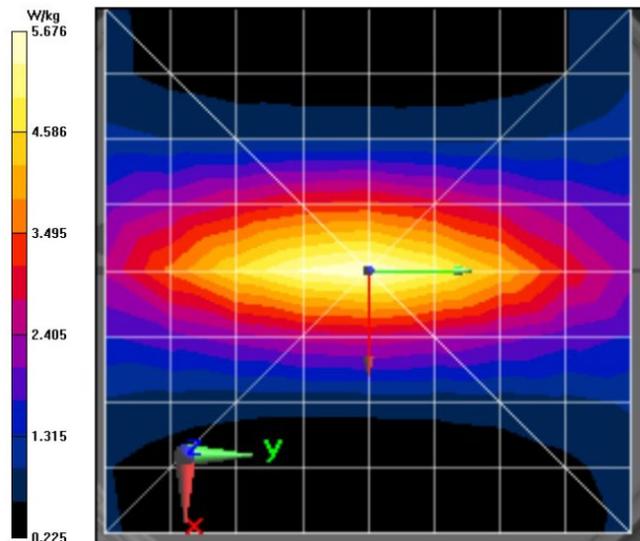
Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.73$  S/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 150 MHz, ConvF(13.81, 13.81, 13.81) @ 150 MHz  
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 92.92 V/m; Power Drift = -0.15 dB  
Fast SAR: SAR(1 g) = 4.87 W/kg; SAR(10 g) = 3.45 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 5.76 W/kg

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (9x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 5.68 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 = 92.92 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 7.15 W/kg  
SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.65 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.76 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) = 6.09 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 1/16/2020 2:44:18 AM

Robot#: DASY5-PG-1 | Run#: ZZ-SYSP-150H-200116-04#  
 Dipole Model# CLA150  
 Phantom#: ELI4 1109  
 Tissue Temp: 21.3 (C)  
 Serial#: 4005  
 Test Freq: 150.0000 (MHz)  
 Start Power: 1000 (mW)  
 Rotation (1D): 0.20 dB  
 Adjusted SAR (1W): 4.09 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.72$  S/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 150 MHz, ConvF(13.81, 13.81, 13.81) @ 150 MHz  
 Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

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

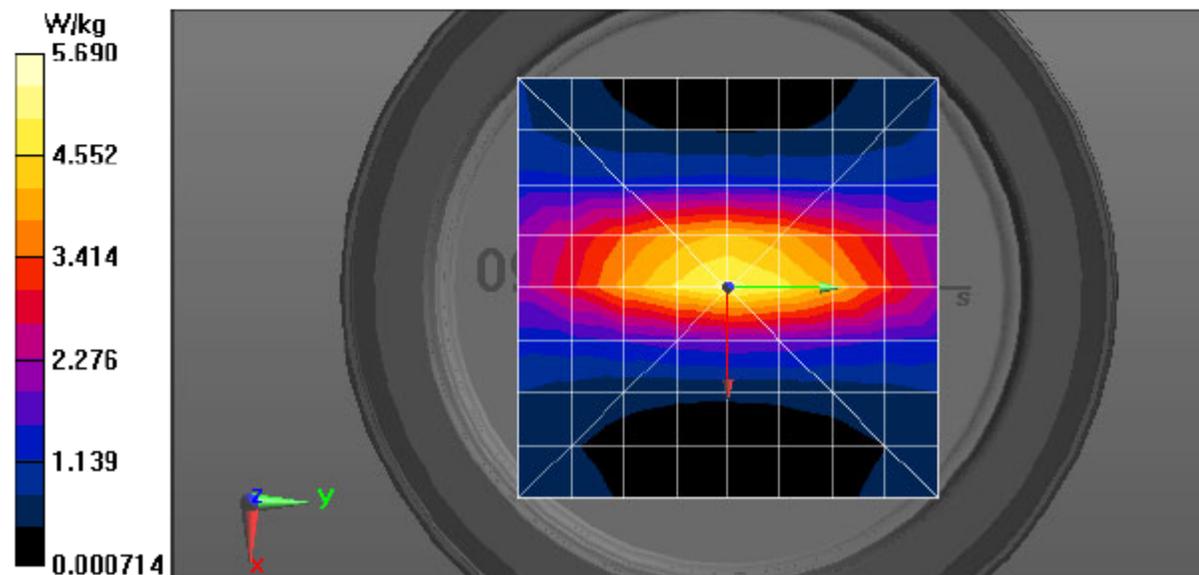
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 88.87 V/m; Power Drift = -0.07 dB  
 Fast SAR: SAR(1 g) = 4.86 W/kg; SAR(10 g) = 3.44 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.68 W/kg

**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 = 88.87 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 7.00 W/kg  
 SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.65 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 5.65 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.69 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 3/30/2020 4:18:18 AM

Robot#: DASY5-PG-4 | Run#: BL-SYSP-150H-200330-04#  
 Dipole Model#: CLA150  
 Phantom#: ELI4 1109  
 Tissue Temp: 21.2 (C)  
 Serial#: 4016  
 Test Freq: 150.0000 (MHz)  
 Start Power: 1000 (mW)  
 Rotation (1D): 0.2 dB  
 Adjusted SAR (1W): 3.76 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.72$  S/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 150 MHz, ConvF(12.15, 12.15, 12.15) @ 150 MHz  
 Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

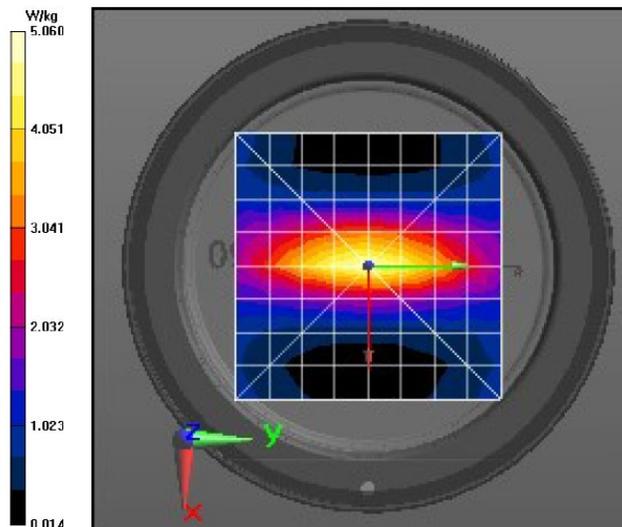
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 84.07 V/m; Power Drift = -0.11 dB  
 Fast SAR: SAR(1 g) = 4.44 W/kg; SAR(10 g) = 3.13 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.13 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 84.07 V/m; Power Drift = -0.11 dB  
 Peak SAR (extrapolated) = 6.16 W/kg  
 SAR(1 g) = 3.76 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 5.05 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.06 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 10/8/2019 12:54:17 AM

Robot#: DASY5-PG-4 | Run#: AN-SYSP-150B-191008-01  
Dipole Model# CLA150  
Phantom#: ELI4 1022  
Tissue Temp: 21.2 (C)  
Serial#: 4005  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.092 dB  
Adjusted SAR (1W): 3.94 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.79$  S/m;  $\epsilon_r = 59.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7485, Calibrated: 1/23/2019, Frequency: 150 MHz, ConvF(13.55, 13.55, 13.55) @ 150 MHz  
Electronics: DAE4 Sn688, Calibrated: 1/10/2019

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

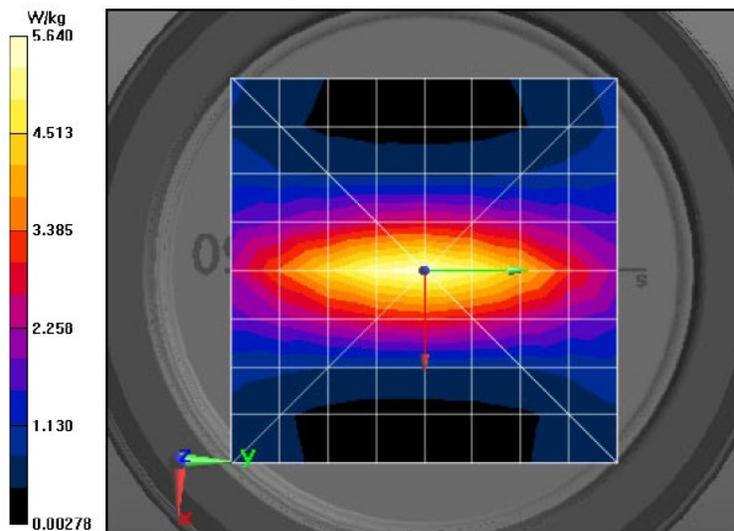
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 83.79 V/m; Power Drift = 0.01 dB  
Fast SAR: SAR(1 g) = 4.65 W/kg; SAR(10 g) = 3.3 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 5.64 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 83.79 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 6.84 W/kg  
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.57 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.57 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 5.64 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 11/10/2019 7:45:25 AM

Robot#: DASY5-PG-4 | Run#: AN-SYSP-150B-191110-01  
 Dipole Model#: CLA-150  
 Phantom#: ELI4 1016  
 Tissue Temp: 21.9 (C)  
 Serial#: 4005  
 Test Freq: 150.0000 (MHz)  
 Start Power: 1000 (mW)  
 Rotation (1D): 0.097 dB  
 Adjusted SAR (1W): 4.17 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150 \text{ MHz}$ ;  $\sigma = 0.82 \text{ S/m}$ ;  $\epsilon_r = 59.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7485, Calibrated: 1/23/2019, Frequency: 150 MHz, ConvF(13.55, 13.55, 13.55) @ 150 MHz  
 Electronics: DAE4 Sn688, Calibrated: 1/10/2019

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

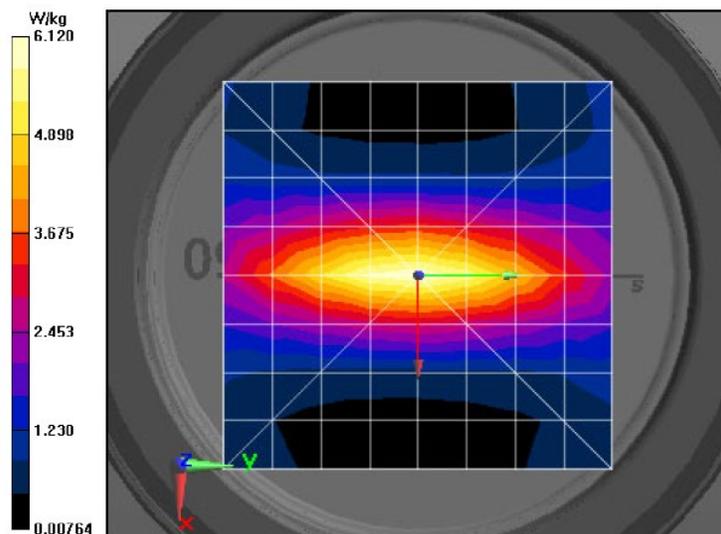
Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Reference Value = 86.31 V/m; Power Drift = 0.14 dB  
 Fast SAR: SAR(1 g) = 4.96 W/kg; SAR(10 g) = 3.52 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 6.20 W/kg

**Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (6x6x7)/Cube 0:**

Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 86.31 V/m; Power Drift = 0.14 dB  
 Peak SAR (extrapolated) = 7.44 W/kg  
 SAR(1 g) = 4.17 W/kg; SAR(10 g) = 2.73 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 6.08 W/kg

**Below 2 GHz-Rev.2/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) = 6.12 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 12/30/2019 11:34:46 PM

Robot#: DASY5-PG-1 | Run#: AM-SYSP-150B-191230-10#  
Dipole Model#: CLA150  
Phantom#: ELI4 1016  
Tissue Temp: 22.5 (C)  
Serial#: 4005  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.18 dB  
Adjusted SAR (1W): 4.13 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.78$  S/m;  $\epsilon_r = 58.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 150 MHz, ConvF(13.5, 13.5, 13.5) @ 150 MHz  
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

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

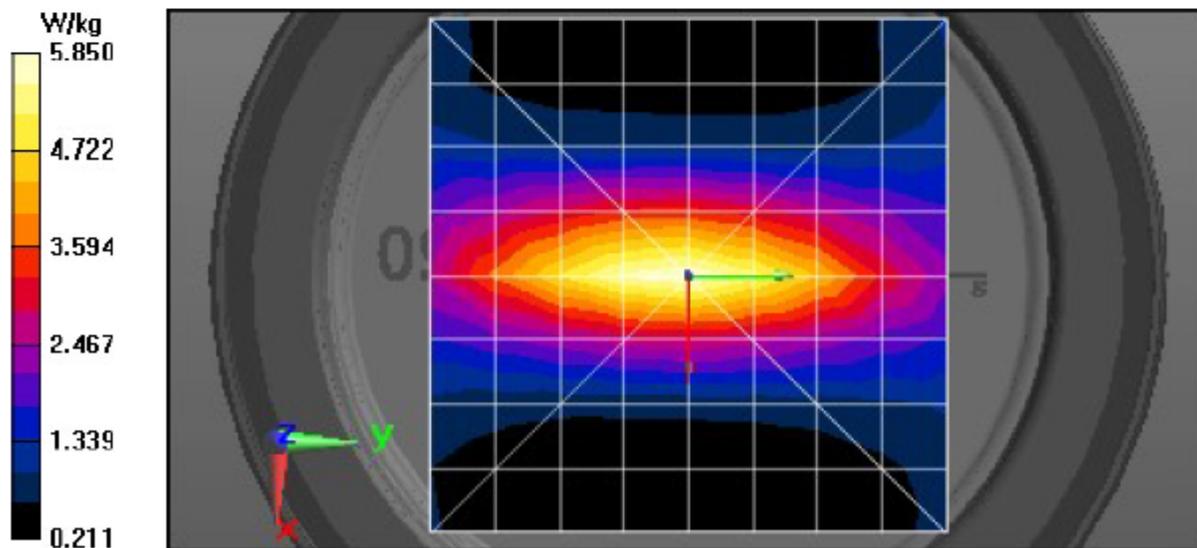
Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Reference Value = 87.57 V/m; Power Drift = -0.13 dB  
Fast SAR: SAR(1 g) = 4.93 W/kg; SAR(10 g) = 3.5 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 5.94 W/kg

**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 = 87.57 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 7.28 W/kg  
SAR(1 g) = 4.13 W/kg; SAR(10 g) = 2.7 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.88 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) = 5.91 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 1/15/2020 3:19:27 PM

Robot#: DASY5-PG-1 | Run#: IZ-SYSP-150B-200115-05  
Dipole Model# CLA150  
Phantom#: ELI4 1022  
Tissue Temp: 21.5 (C)  
Serial#: 4005  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.17 dB  
Adjusted SAR (1W): 4.16 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150 \text{ MHz}$ ;  $\sigma = 0.77 \text{ S/m}$ ;  $\epsilon_r = 59.1$ ;  $\rho = 1000 \text{ kg/m}^3$   
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 150 MHz, ConvF(13.5, 13.5, 13.5) @ 150 MHz  
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

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

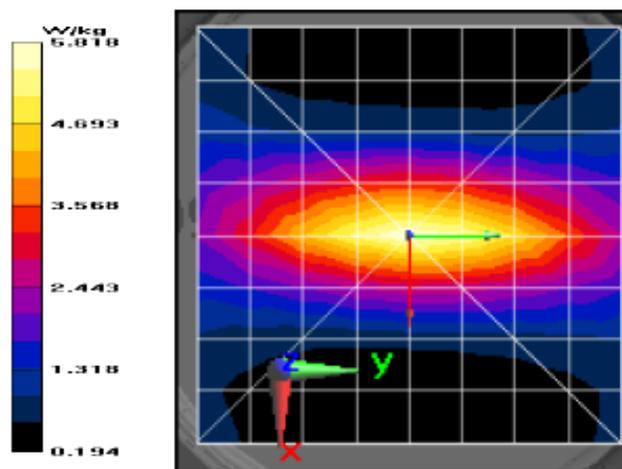
Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Reference Value = 89.90 V/m; Power Drift = -0.18 dB  
Fast SAR: SAR(1 g) = 4.95 W/kg; SAR(10 g) = 3.5 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 5.89 W/kg

**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 = 89.90 V/m; Power Drift = -0.18 dB  
Peak SAR (extrapolated) = 7.29 W/kg  
SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.71 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.89 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) = 6.14 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 3/8/2020 6:21:47 PM

Robot#: DASY5-PG-4 | Run#: AN-SYSP-150B-200308-02  
Dipole Model# CLA150  
Phantom#: ELI4 1016  
Tissue Temp: 20.2 (C)  
Serial#: 4016  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.100 dB  
Adjusted SAR (1W): 4.09 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.84$  S/m;  $\epsilon_r = 60.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 150 MHz, ConvF(11.72, 11.72, 11.72) @ 150 MHz  
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

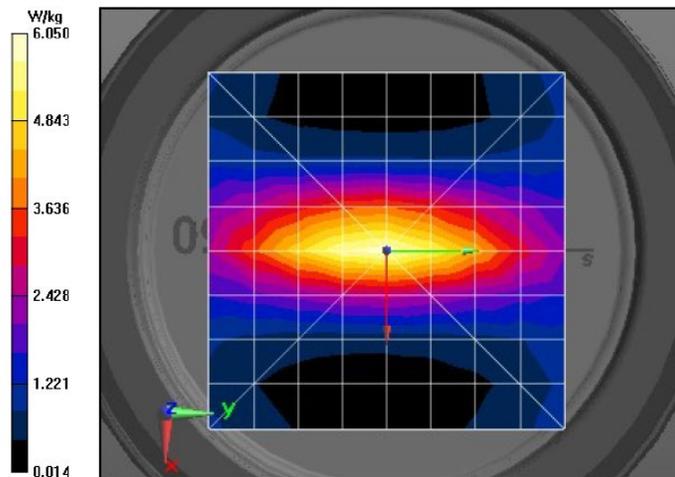
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 84.56 V/m; Power Drift = -0.03 dB  
Fast SAR: SAR(1 g) = 4.79 W/kg; SAR(10 g) = 3.41 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 6.11 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 84.56 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 7.39 W/kg  
SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.68 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.06 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) = 6.05 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/29/2020 4:19:54 AM

Robot#: DASY5-PG-4 | Run#: BL-SYSP-150B-200329-03  
 Dipole Model# CLA150  
 Phantom#: ELI4 1016  
 Tissue Temp: 20.7 (C)  
 Serial#: 4016  
 Test Freq: 150.0000 (MHz)  
 Start Power: 1000 (mW)  
 Rotation (1D): 0.2 dB  
 Adjusted SAR (1W): 4.16 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.79$  S/m;  $\epsilon_r = 61.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 150 MHz, ConvF(11.72, 11.72, 11.72) @ 150 MHz  
 Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

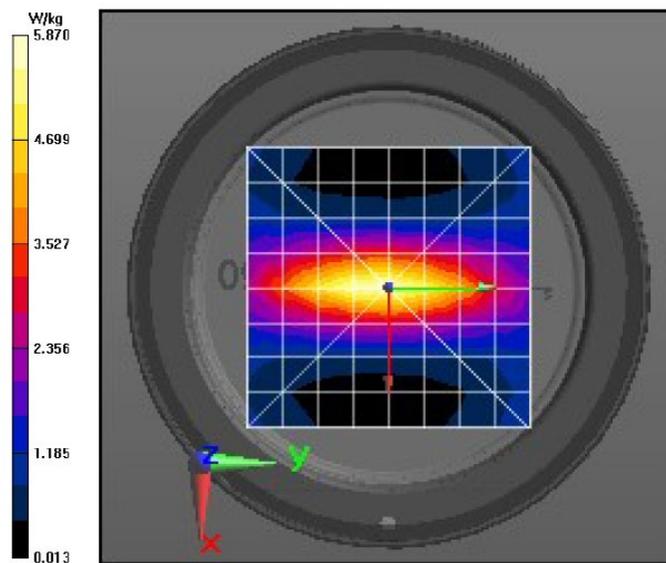
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 86.08 V/m; Power Drift = -0.08 dB  
 Fast SAR: SAR(1 g) = 4.94 W/kg; SAR(10 g) = 3.5 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.99 W/kg

**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 = 86.08 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 7.16 W/kg  
 SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.7 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 5.86 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.87 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 4/5/2020 3:21:19 AM

Robot#: DASY5-PG-1 | Run#: ZZ-SYSP-150B-200405-04  
Dipole Model#: CLA150  
Phantom#: ELI4 1016  
Tissue Temp: 20.1 (C)  
Serial#: 4016  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.16 dB  
Adjusted SAR (1W): 4.31 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.78$  S/m;  $\epsilon_r = 59$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 150 MHz, ConvF(13.5, 13.5, 13.5) @ 150 MHz  
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

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

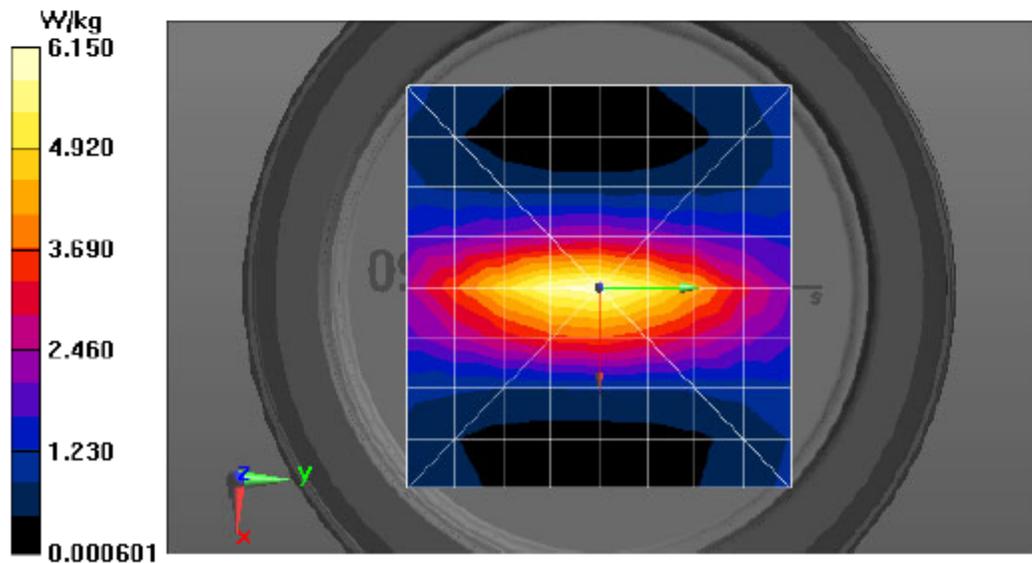
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 88.94 V/m; Power Drift = -0.07 dB  
Fast SAR: SAR(1 g) = 5.18 W/kg; SAR(10 g) = 3.66 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 6.27 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 88.94 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 7.64 W/kg  
SAR(1 g) = 4.31 W/kg; SAR(10 g) = 2.77 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.19 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) = 6.15 W/kg



### Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/8/2020 11:17:45 AM

Robot#: DASY5-PG-4 | Run#: NZ-SYSP-150B-200408-06  
Dipole Model#: CLA150  
Phantom#: ELI4 1016  
Tissue Temp: 21.1 (C)  
Serial#: 4016  
Test Freq: 150.0000 (MHz)  
Start Power: 1000 (mW)  
Rotation (1D): 0.20 dB  
Adjusted SAR (1W): 4.17 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 150$  MHz;  $\sigma = 0.81$  S/m;  $\epsilon_r = 59.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 150 MHz, ConvF(11.72, 11.72, 11.72) @ 150 MHz  
Electronics: DAE4 Sn729, Calibrated: 10/16/2019

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

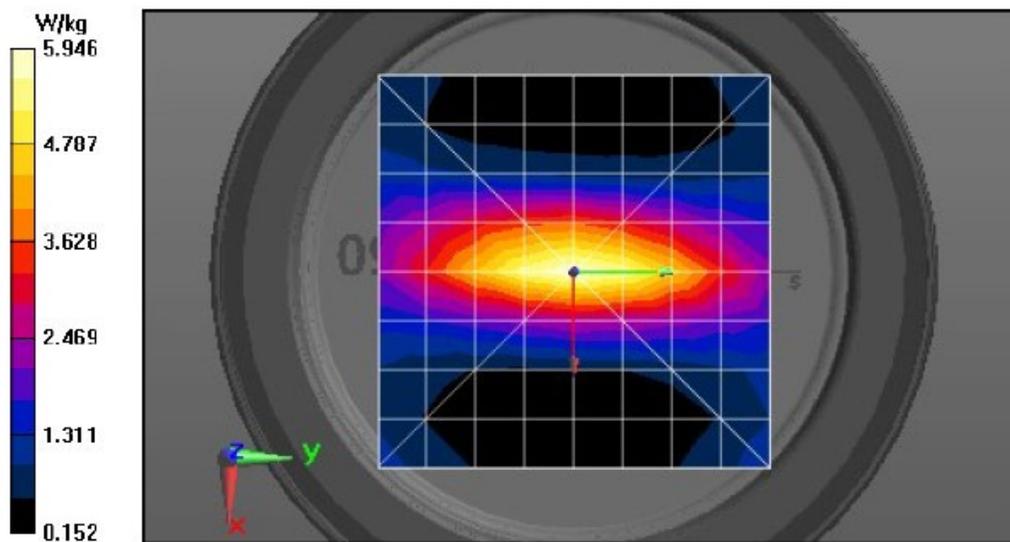
Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Reference Value = 85.52 V/m; Power Drift = -0.02 dB  
Fast SAR: SAR(1 g) = 4.95 W/kg; SAR(10 g) = 3.52 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 6.06 W/kg

#### 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 = 85.52 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 7.32 W/kg  
SAR(1 g) = 4.17 W/kg; SAR(10 g) = 2.71 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.99 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) = 5.98 W/kg



## **Appendix E**

### **DUT Scans**

Assessment for FCC Body Configuration - Table 16

**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 12/31/2019 2:23:07 PM

Robot#: DASY5-PG-1 | Run#: IZ-AB-191231-08#  
 Model#: H51KDD9PW5AN  
 Phantom#: ELI4 1016  
 Tissue Temp: 22.5 (C)  
 Serial#: 426TINV0156  
 Antenna: NAR6593A  
 Test Freq: 150.8000 (MHz)  
 Battery: PMNN4491C  
 Carry Acc: PMLN6085A w/NTN5243A (w/o belt loop)  
 Audio Acc: HMN4104B  
 Start Power: 5.56 (W)

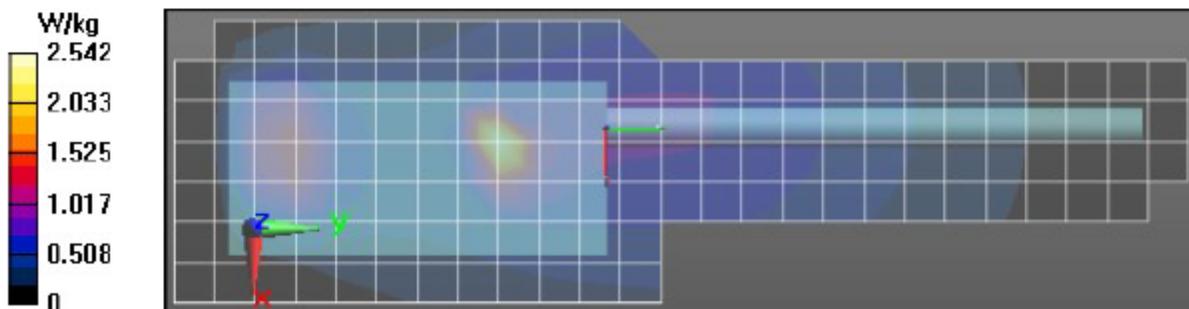
Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 151 \text{ MHz}$ ;  $\sigma = 0.78 \text{ S/m}$ ;  $\epsilon_r = 58.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 150.8 MHz, ConvF(13.5, 13.5, 13.5) @ 150.8 MHz  
 Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (81x261x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Reference Value = 32.88 V/m; Power Drift = -0.28 dB  
 Fast SAR: SAR(1 g) = 1.81 W/kg; SAR(10 g) = 1.03 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 2.60 W/kg

**Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (13x13x8)/Cube 0:** Measurement grid:  $dx=2.5\text{mm}$ ,  $dy=2.5\text{mm}$ ,  $dz=1.4\text{mm}$   
 Reference Value = 32.88 V/m; Power Drift = -0.52 dB  
 Peak SAR (extrapolated) = 32.1 W/kg  
 SAR(1 g) = 1.85 W/kg; SAR(10 g) = 0.741 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 5.10 W/kg

**Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ ,  $dz=10\text{mm}$   
 Maximum value of SAR (measured) = 5.23 W/kg



### Assessment for FCC Face Configuration - Table 16

#### Motorola Solutions, Inc. EME Laboratory Date/Time: 12/30/2019 2:54:22 PM

Robot#: DASY5-PG-1 | Run#: IZ-FACE-191230-04  
Model#: H51KDD9PW5AN  
Phantom#: ELI4 1109  
Tissue Temp: 22.2 (C)  
Serial#: 426TNV0156  
Antenna: NAR6593A  
Test Freq: 150.8000 (MHz)  
Battery: PMNN4491C  
Carry Acc: None (Front)  
Audio Acc: None  
Start Power: 5.57 (W)

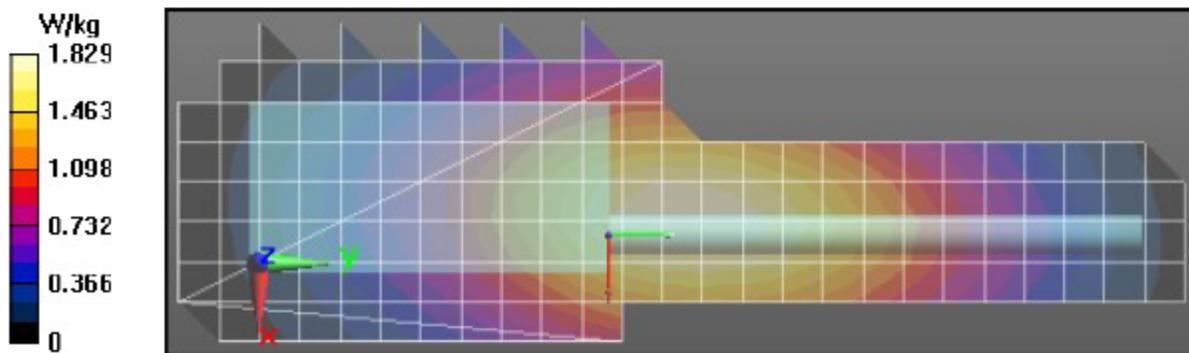
Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 151$  MHz;  $\sigma = 0.73$  S/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 150.8 MHz, ConvF(13.81, 13.81, 13.81) @ 150.8 MHz  
Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x261x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 49.80 V/m; Power Drift = -0.20 dB  
Fast SAR: SAR(1 g) = 1.6 W/kg; SAR(10 g) = 1.24 W/kg (SAR corrected for target medium)  
Maximum value of SAR (interpolated) = 1.83 W/kg

**Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 49.80 V/m; Power Drift = -0.24 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
SAR(1 g) = 1.46 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 1.84 W/kg

**Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 1.78 W/kg



Assessment for Outside FCC Frequency range - Table 17

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 3/29/2020 3:39:11 PM

Robot#: DASY5-PG-4 | Run#: ZR-AB-200329-10  
 Model#: H51KDD9PW5AN  
 Phantom#: ELI4 1016  
 Tissue Temp: 20.2 (C)  
 Serial#: 426TNV0156  
 Antenna: NAR6593A  
 Test Freq: 136.0000 (MHz)  
 Battery: NNTN8128C  
 Carry Acc: PMLN6085A w/NTN5243A (w/o belt loop)  
 Audio Acc: HMN4104B  
 Start Power: 5.58 (W)

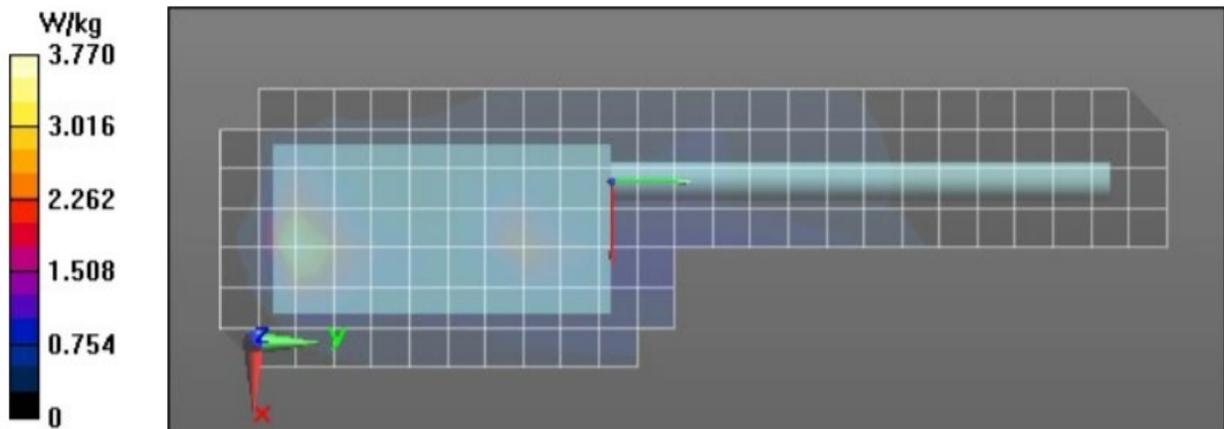
Comments: Shorten Scan

Duty Cycle: 1:1, Medium parameters used:  $f = 136 \text{ MHz}$ ;  $\sigma = 0.79 \text{ S/m}$ ;  $\epsilon_r = 61.7$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 136 MHz, ConvF(11.72, 11.72, 11.72) @ 136 MHz  
 Electronics: DAE4 Sn729, Calibrated: 10/16/2019

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (91x261x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Reference Value = 40.42 V/m; Power Drift = -3.26 dB  
**Fast SAR: SAR(1 g) = 3.14 W/kg; SAR(10 g) = 1.87 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 4.43 W/kg

**Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 70.59 V/m; Power Drift = -3.21 dB  
 Peak SAR (extrapolated) = 7.55 W/kg  
**SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.25 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 4.21 W/kg

**Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ ,  $dz=10\text{mm}$   
 Maximum value of SAR (measured) = 2.36 W/kg



Assessment for ISED Face Configuration - Table 17

Motorola Solutions, Inc. EME Laboratory  
 Date/Time: 12/30/2019 4:51:44 PM

Robot#: DASY5-PG-1 | Run#: IZ-FACE-191230-06  
 Model#: H51KDD9PW5AN  
 Phantom#: ELI4 1109  
 Tissue Temp: 22.2 (C)  
 Serial#: 426TNV0156  
 Antenna: NAR6593A  
 Test Freq: 139.7000 (MHz)  
 Battery: PMNN4491C  
 Carry Acc: None (Front)  
 Audio Acc: None  
 Start Power: 5.59 (W)

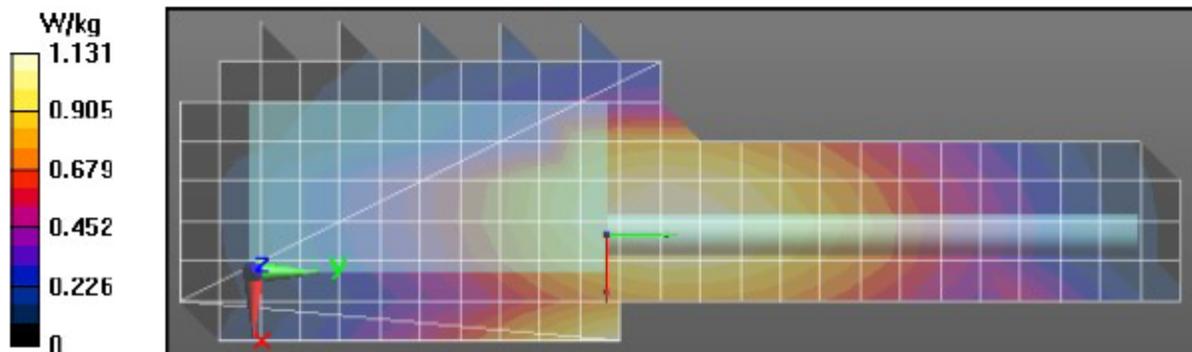
Comments:

Duty Cycle: 1:1, Medium parameters used:  $f = 140 \text{ MHz}$ ;  $\sigma = 0.73 \text{ S/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7533, Calibrated: 11/6/2019, Frequency: 139.7 MHz, ConvF(13.81, 13.81, 13.81) @ 139.7 MHz  
 Electronics: DAE4 Sn1488, Calibrated: 7/23/2019

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (81x261x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Reference Value = 54.45 V/m; Power Drift = -5.88 dB  
 Fast SAR: SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.761 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.13 W/kg

**Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 54.45 V/m; Power Drift = -5.89 dB  
 Peak SAR (extrapolated) = 1.53 W/kg  
 SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.605 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 1.13 W/kg

**Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ ,  $dz=10\text{mm}$   
 Maximum value of SAR (measured) = 0.586 W/kg



**APPENDIX F**  
**Shortened Scan of Highest SAR configuration**

### Shortened Scan Assessment - Table 19

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 4/8/2020 8:01:59 PM

Robot#: DASY5-PG-4 | Run#: ZZ(MA)-AB-200408-12  
 Model#: H51KDD9PW5AN  
 Phantom#: ELI4 1016  
 Tissue Temp: 20.8 (C)  
 Serial#: 426TNV0156  
 Antenna: NAR6593A  
 Test Freq: 150.8000 (MHz)  
 Battery: PMNN4491C  
 Carry Acc: PMLN6085A w/NTN5243A (w/o belt loop)  
 Audio Acc: HMN4104B  
 Start Power: 5.51 (W)

Comments: Shorten Scan

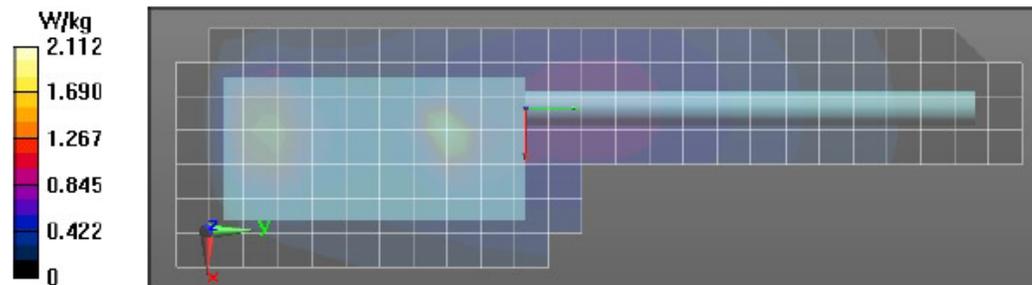
Duty Cycle: 1:1, Medium parameters used:  $f = 151 \text{ MHz}$ ;  $\sigma = 0.81 \text{ S/m}$ ;  $\epsilon_r = 59.6$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7511, Calibrated: 10/24/2019, Frequency: 150.8 MHz, ConvF(11.72, 11.72, 11.72) @ 150.8 MHz  
 Electronics: DAE4 Sn729, Calibrated: 10/16/2019

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (101x281x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 29.42 V/m; Power Drift = -0.22 dB  
 Fast SAR: SAR(1 g) = 1.52 W/kg; SAR(10 g) = 0.953 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 2.12 W/kg

**Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (5x5x1):** Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm  
 Reference Value = 29.42 V/m; Power Drift = -0.18 dB  
 Maximum value of SAR (measured) = 5.60 W/kg

**Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (13x13x8)/Cube 0:** Measurement grid: dx=2.7mm, dy=2.7mm, dz=1.4mm  
 Reference Value = 51.50 V/m; Power Drift = -0.35 dB  
 Peak SAR (extrapolated) = 31.9 W/kg  
 SAR(1 g) = 2.06 W/kg; SAR(10 g) = 0.779 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 5.64 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) = 4.92 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)     | 19               | 8                | 1.20          |
| Full scan (area & zoom) | 16               | 25               | 1.11          |

**APPENDIX G**  
**DUT Test Position Photos**

**Highest SAR Test Position per body location**

**1.1 Body**

DUT with antenna NAR6593A, new offered battery NNTN8125C and body worn PMLN6085A w/ NTN5243A (w/o belt loop) positioned against the phantom with audio accessory HMN4104B attached. Same position applied to other batteries.

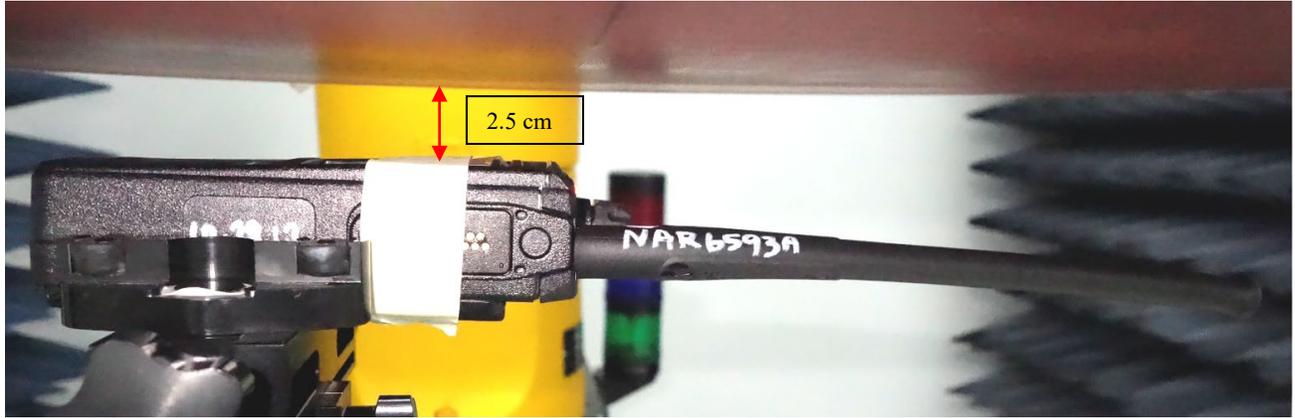


| Antenna kit # | Batteries | Separation Distances (mm) |                   |                  |
|---------------|-----------|---------------------------|-------------------|------------------|
|               |           | @ bottom surface of DUT   | @ base of antenna | @ tip of antenna |
| NAR6593A      | PMNN4424B | 0                         | 60                | 117              |
|               | PMNN4448B | 0                         | 55                | 107              |
|               | NNTN8128C | 0                         | 55                | 107              |
|               | PMNN4491C | 0                         | 55                | 107              |

**Highest SAR Test Position per Face location**

**1.2 Face**

Front of DUT with antenna NAR6593A and new offered battery PMNN4491C separated 2.5cm from the phantom without an audio accessory attached. Same position applied to other batteries.



| Antenna kit # | Batteries | Separation Distances (mm) |                   |                  |
|---------------|-----------|---------------------------|-------------------|------------------|
|               |           | @ bottom surface of DUT   | @ base of antenna | @ tip of antenna |
| NAR6593A      | PMNN4424B | 28                        | 41                | 49               |
|               | PMNN4448B |                           |                   |                  |
|               | NNTN8128C |                           |                   |                  |
|               | PMNN4491C |                           |                   |                  |

## APPENDIX H Battery Photo



Front view



side view



Back view

### New offered battery PMNN448B



Front view



side view



Back view

### New offered battery PMNN4424B



Front view



side view



Back view

New offered battery NNTN8128C



Front view



side view



Back view

New offered battery PMNN4491C

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