



**DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 4 of 4**

<b>Motorola Solutions Inc.</b> <b>EME Test Laboratory</b> Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas, Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.	<b>Date of Report:</b> 09/22/2021 <b>Report Revision:</b> C
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<b>Responsible Engineer:</b> <b>Report Author:</b> <b>Date/s Tested:</b> <b>Manufacturer:</b> <b>DUT Description:</b>  <b>Test TX mode(s):</b> <b>Max. Power output:</b> <b>Nominal Power:</b> <b>Tx Frequency Bands:</b> <b>Signaling type:</b> <b>Model(s) Tested:</b>  <b>Model(s) Certified:</b> <b>Serial Number(s):</b>  <b>Classification:</b> <b>Applicant Name:</b> <b>Applicant Address:</b> <b>FCC ID:</b>  <b>IC:</b>  <b>ISED Test Site registration:</b> <b>FCC Test Firm Registration Number:</b>	Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer) Lee Kin Kting (EME Technician) 7/23/2021-8/13/2021, 08/20/2021, 08/31/2021, 09/02/2021, 09/04/2021 Motorola Solutions Inc. Handheld Portable – MOTOTRBO R7 403-512M 4W TIA NKP BT WIFI GPS ENABLED GOB MOTOTRBO R7 403-512M 4W TIA FKP BT WIFI GPS ENABLED GOB CW (PTT), Bluetooth, WLAN 2.4GHz and WLAN5.0 GHz Refer Table 3 Refer Table 3 Refer Table 3 FM, FHSS (Bluetooth), WLAN 2.4GHz and WLAN5.0 GHz AAH06RDC9RA1AN (PMUE5723ABA) (IC Model: PMUE5723ABA); AAH06RDN9RA1AN (PMUE5722ABB) (IC Model: PMUE5722ABB) Refer Appendix-A 865TXP0188, 865TXP0189, 865TXP0193,865TXP0194, P4N0XP0VH2, P4N0XP0VGK Occupational/Controlled Motorola Solutions Inc. 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322 AZ489FT7059; LMR 406.125 - 512 MHz, Bluetooth 2.402-2.480 GHz, WLAN 2.412-2.462 GHz (802.11 b/g/n) & 5180 – 5825GHz (802.11a/n/ac) This report contains results that are immaterial for FCC equipment approval, which are clearly identified. 109U-89FT7059; LMR 406.125 – 430MHz; 450-470MHz MHz, Bluetooth 2.402-2.480 GHz, WLAN 2.412-2.462 GHz (802.11 b/g/n) & 5180 – 5825GHz (802.11 a/n/ac) This report contains results that are immaterial for ISED equipment approval, Which are clearly identified. 24843 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.

<b>Saw Sun Hock</b> (Approved Signatory) Approval Date: 9/22/2021	
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## Appendix E

### System Verification Check Scans

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/24/2021 9:39:19 PM

Robot#: DASYS-PG-3 | Run#: AMN-SYSP-450H-210724-01  
 Dipole Model# D450V3  
 Phantom#: EL14 1108  
 Tissue Temp: 20.6 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.14 dB  
 Adjusted SAR (1W): 4.84 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 45$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

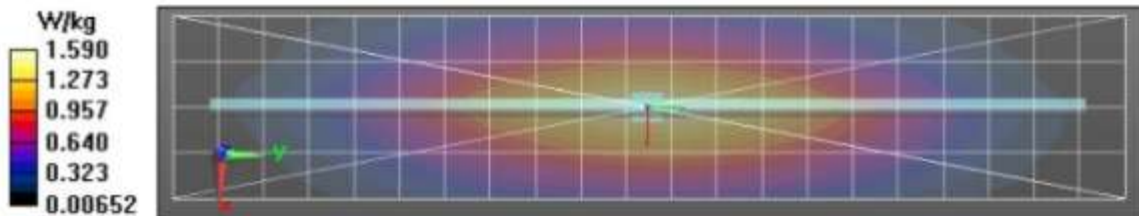
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 43.46 V/m; Power Drift = 0.16 dB  
**Fast SAR: SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.881 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.60 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 43.46 V/m; Power Drift = 0.16 dB  
 Peak SAR (extrapolated) = 1.91 W/kg  
**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.804 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 63.4%  
 Maximum value of SAR (measured) = 1.65 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) = 1.66 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/25/2021 9:26:34 PM

Robot#: DASY5-PG-3 | Run#: AR-SYSP-450H-210725-09  
 Dipole Model# D450V3  
 Phantom#: ELI4 1108  
 Tissue Temp: 20.1 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.13 dB  
 Adjusted SAR (1W): 4.64 mW/g (1g)

Comments:

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

Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 44.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

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

Reference Value = 43.88 V/m; Power Drift = -0.11 dB

**Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.860 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.59 W/kg

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

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

Reference Value = 43.88 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.775 W/kg** (SAR corrected for target medium)

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

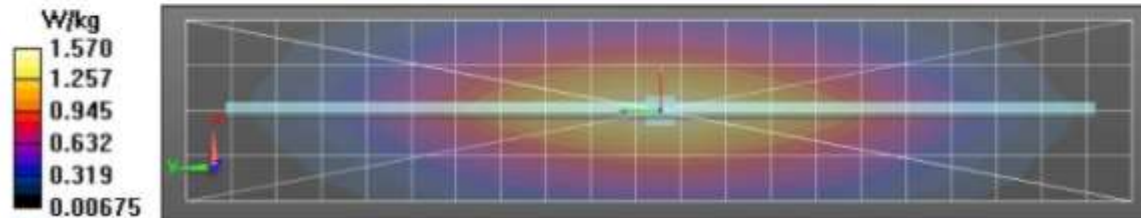
Ratio of SAR at M2 to SAR at M1 = 63.9%

Maximum value of SAR (measured) = 1.60 W/kg

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

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

Maximum value of SAR (measured) = 1.59 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/26/2021 2:28:53 AM

Robot#: DASY5-PG-3 | Run#: AR-SYSP-450H-210726-03  
 Dipole Model# D450V3  
 Phantom#: EL14 1108  
 Tissue Temp: 20.2 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.15 dB  
 Adjusted SAR (1W): 4.68 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 43.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

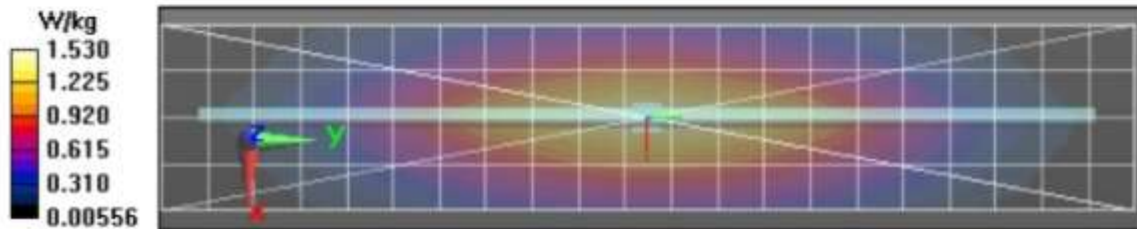
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 44.91 V/m; Power Drift = -0.20 dB  
**Fast SAR: SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.867 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.55 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 44.91 V/m; Power Drift = -0.20 dB  
 Peak SAR (extrapolated) = 1.79 W/kg  
**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.784 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 64.3%  
 Maximum value of SAR (measured) = 1.56 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 1.56 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 7/26/2021 3:02:59 PM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-SYSP-450H-210726-14  
 Dipole Model#: D450V3  
 Phantom#: EL14 1108  
 Tissue Temp: 19.7 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.16 dB  
 Adjusted SAR (1W): 4.88 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 45$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

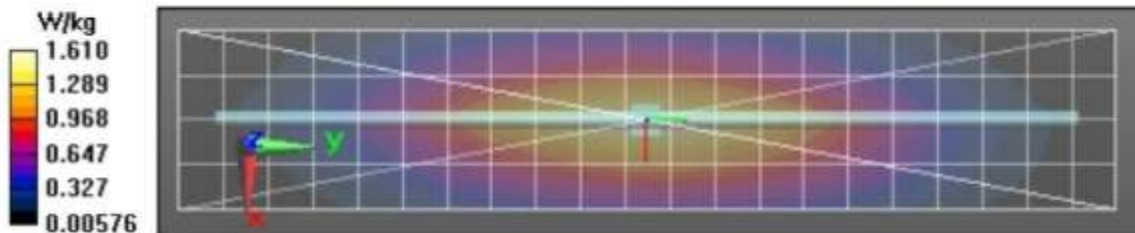
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 44.70 V/m; Power Drift = -0.08 dB  
**Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.900 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.62 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 44.70 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 1.89 W/kg  
**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.812 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 63.8%  
 Maximum value of SAR (measured) = 1.64 W/kg

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

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



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 7/27/2021 3:48:37 PM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-SYSP-450H-210727-17  
 Dipole Model# D450V3  
 Phantom#: ELI4 1108  
 Tissue Temp: 19.8 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.160 dB  
 Adjusted SAR (1W): 4.96 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 44.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

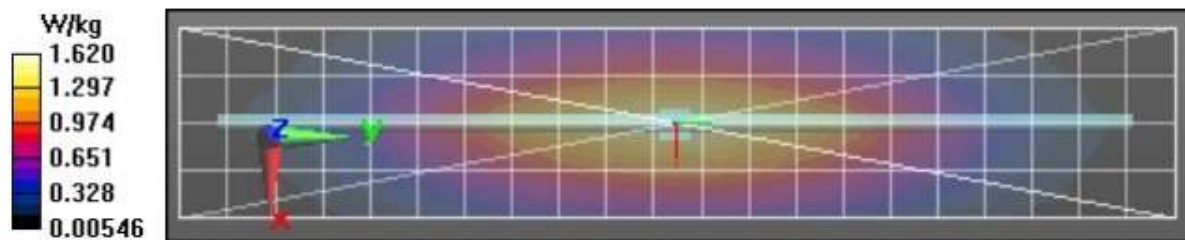
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 45.12 V/m; Power Drift = -0.03 dB  
**Fast SAR: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.916 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.64 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 45.12 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 1.90 W/kg  
**SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.830 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 64%  
 Maximum value of SAR (measured) = 1.65 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) = 1.65 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/28/2021 12:08:20 AM

Robot#: DASY5-PG-3 | Run#: AMN-SYSP-450H-210728-01#  
 Dipole Model#: D450V3  
 Phantom#: ELI4 1103  
 Tissue Temp: 19.8 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.17 dB  
 Adjusted SAR (1W): 4.88 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

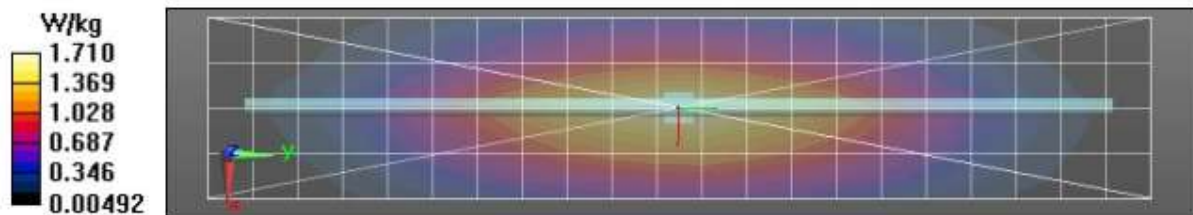
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 46.75 V/m; Power Drift = -0.09 dB  
**Fast SAR: SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.942 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.74 W/kg

**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 = 46.75 V/m; Power Drift = -0.09 dB  
 Peak SAR (extrapolated) = 1.94 W/kg  
**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.817 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 64.2%  
 Maximum value of SAR (measured) = 1.69 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 1.83 W/kg





**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/28/2021 4:40:15 PM

Robot#: DASY5-PG-3 | Run#: MA(RY)-SYSP-450H-210728-20  
 Dipole Model#: D450V3  
 Phantom#: ELI4 1103  
 Tissue Temp: 18.9 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.15 dB  
 Adjusted SAR (1W): 4.60 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.84$  S/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x211x1):**

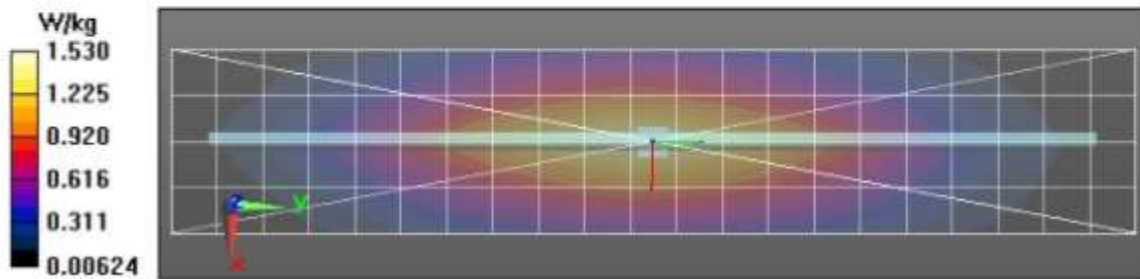
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 44.12 V/m; Power Drift = -0.08 dB  
**Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.859 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.53 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 44.12 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 1.75 W/kg  
**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.771 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 64.5%  
 Maximum value of SAR (measured) = 1.52 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 1.52 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 7/29/2021 8:55:01 PM

Robot#: DASY5-PG-3 | Run#: AMN-SYSP-450H-210729-18  
 Dipole Model#: D450V3  
 Phantom#: ELI4 1108  
 Tissue Temp: 20.3 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.14 dB  
 Adjusted SAR (1W): 4.72 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 42.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

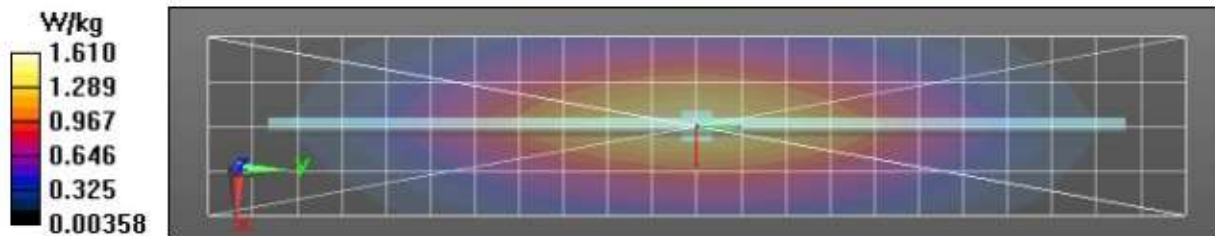
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 44.48 V/m; Power Drift = -0.00 dB  
**Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.883 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.62 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 44.48 V/m; Power Drift = -0.00 dB  
 Peak SAR (extrapolated) = 1.87 W/kg  
**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.787 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 63.4%  
 Maximum value of SAR (measured) = 1.62 W/kg

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

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



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/29/2021 3:56:54 PM

Robot#: DASY5-PG-3 | Run#: MA(RY)-SYSP-450H-210729-15  
 Dipole Model#: D450V3  
 Phantom#: EL14 1103  
 Tissue Temp: 19.8 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.14 dB  
 Adjusted SAR (1W): 4.72 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 43.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

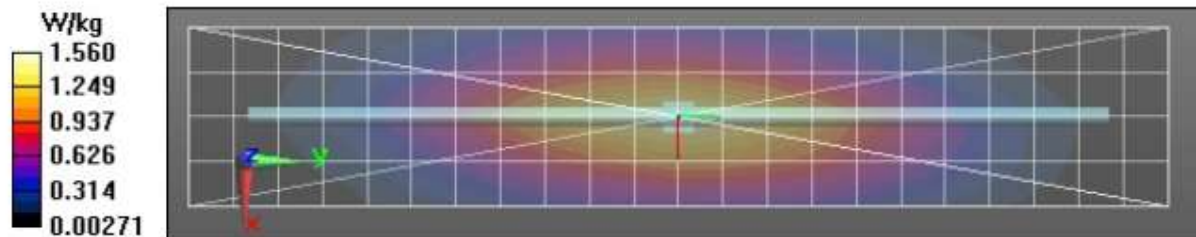
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 43.99 V/m; Power Drift = -0.03 dB  
**Fast SAR: SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.871 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.57 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 43.99 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.786 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 64.2%  
 Maximum value of SAR (measured) = 1.57 W/kg

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

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



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 7/30/2021 9:20:32 PM

Robot#: DASY5-PG-3 | Run#: AMN-SYSP-450H-210730-19  
 Dipole Model#: D450V3  
 Phantom#: ELI4 1108  
 Tissue Temp: 19.5 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.13 dB  
 Adjusted SAR (1W): 4.68 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 42.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

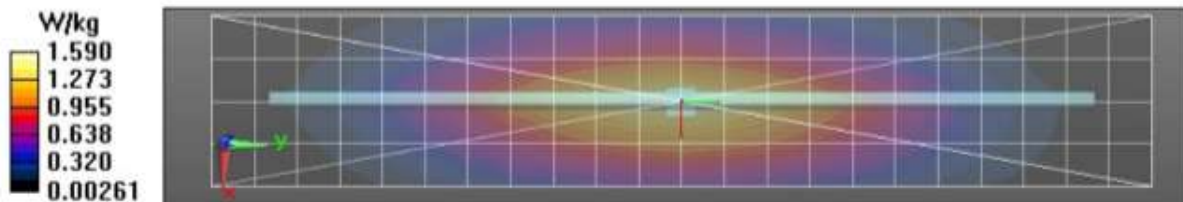
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 43.96 V/m; Power Drift = -0.05 dB  
**Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.865 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.60 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 43.96 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 1.85 W/kg  
**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.777 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 64%  
 Maximum value of SAR (measured) = 1.61 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 1.61 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/31/2021 1:48:35 AM

Robot#: DASY5-PG-3 | Run#: AMN-SYSP-450H-210731-01  
 Dipole Model# D450V3  
 Phantom#: EL14 1103  
 Tissue Temp: 20.7 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.11 dB  
 Adjusted SAR (1W): 4.88 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 43.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

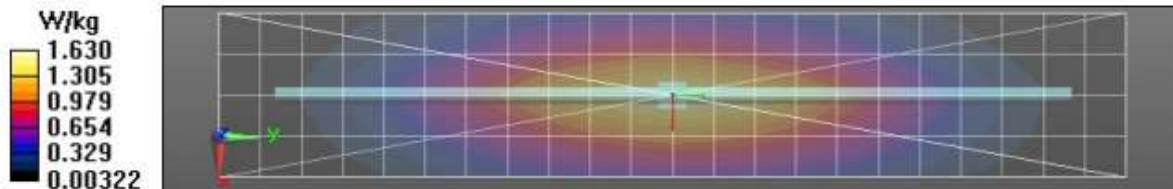
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 44.79 V/m; Power Drift = -0.03 dB  
**Fast SAR: SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.900 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.63 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 44.79 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 1.88 W/kg  
**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.818 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 64.6%  
 Maximum value of SAR (measured) = 1.64 W/kg

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

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



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/5/2021 2:54:28 AM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-SYSP-450H-210805-03  
 Dipole Model#: D450V3  
 Phantom#: ELI4 1108  
 Tissue Temp: 19.8 (C)  
 Serial#: 1054  
 Test Freq: 450 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.11 dB  
 Adjusted SAR (1W): 4.68 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

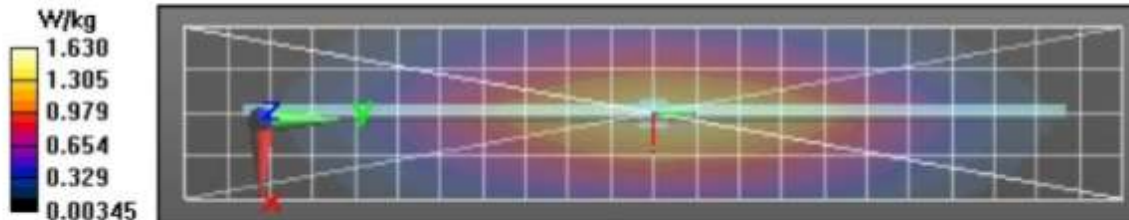
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 44.28 V/m; Power Drift = -0.02 dB  
**Fast SAR: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.880 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 1.63 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 44.28 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 1.88 W/kg  
**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.777 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 63.1%  
 Maximum value of SAR (measured) = 1.63 W/kg

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

grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 1.62 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/6/2021 1:34:40 AM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-SYSP-450H-210806-02  
 Dipole Model# D450V3  
 Phantom#: ELI4 1103  
 Tissue Temp: 21.3 (C)  
 Serial#: 1054  
 Test Freq: 450.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.12 dB  
 Adjusted SAR (1W): 4.52 mW/g (1g)

Comments:

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

Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.84$  S/m;  $\epsilon_r = 42.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

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

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

Reference Value = 43.55 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.821 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.44 W/kg

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

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

Reference Value = 43.55 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.759 W/kg (SAR corrected for target medium)

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

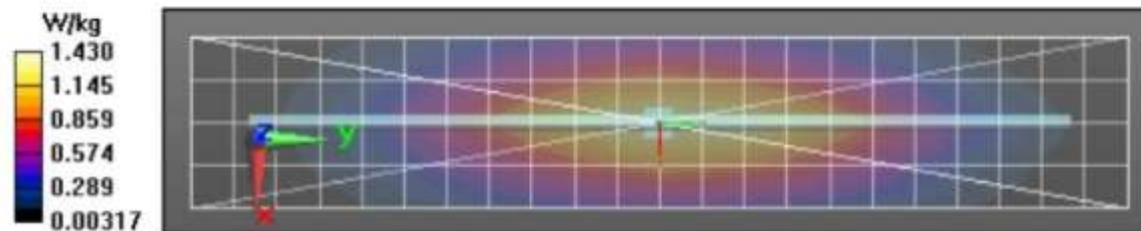
Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 1.48 W/kg

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

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

Maximum value of SAR (measured) = 1.51 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/9/2021 5:59:46 AM

Robot#: DASY5-xx-x | Run#: MFR-SYSP-2450H-210809-04  
 Dipole Model#: D2450V2  
 Phantom#: ELI5 1150  
 Tissue Temp: 20.50 (C)  
 Serial#: 703  
 Test Freq: 2450.0000 (MHz)  
 Start Power: 36.1 (mW)  
 Rotation (1D): 0.1dB  
 Adjusted SAR (1W): 49.05 mW/g (1g)

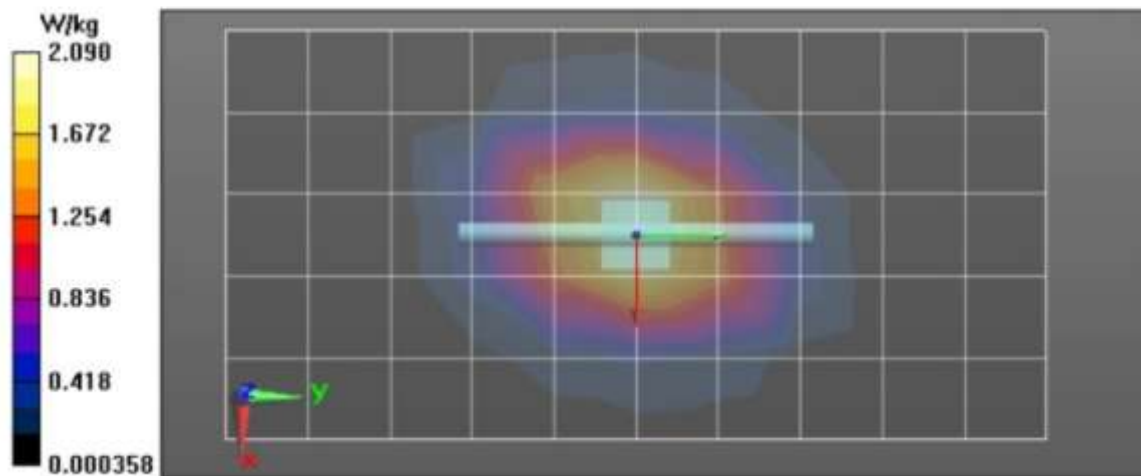
Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.83$  S/m;  $\epsilon_r = 36.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 2450 MHz, ConvF(7.63, 7.63, 7.63) @ 2450 MHz  
 Electronics: DAF4 Sn1598, Calibrated: 4/7/2021

**2-3 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (51x101x1):** Interpolated  
 grid: dx=1.200 mm, dy=1.200 mm  
 Reference Value = 40.75 V/m; Power Drift = -0.01 dB  
**Fast SAR: SAR(1 g) = 1.67 W/kg; SAR(10 g) = 0.784 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 2.80 W/kg

**2-3 GHz-Rev.3/System Performance Check/0-Degree Cube (7x7x7)/Cube 0:** Measurement  
 grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 40.75 V/m; Power Drift = -0.01 dB  
 Peak SAR (extrapolated) = 3.48 W/kg  
**SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.703 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 9 mm  
 Ratio of SAR at M2 to SAR at M1 = 45.2%  
 Maximum value of SAR (measured) = 2.75 W/kg

**2-3 GHz-Rev.3/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 2.77 W/kg





**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/10/2021 8:37:32 AM

Robot#: DASY5-PG-2 | Run#: BL(SAN)-SYSP-2450H-210810-07  
 Dipole Model#: D2450V2  
 Phantom#: ELI5 1150  
 Tissue Temp: 20.10 (C)  
 Serial#: 703  
 Test Freq: 2450.0000 (MHz)  
 Start Power: 36.1 (mW)  
 Rotation (1D): 0.130 dB  
 Adjusted SAR (1W): 52.22 mW/g (1g)

Comments:

Communication System Band: Dipole 2450, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 35.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 2450 MHz, ConvF(7.63, 7.63, 7.63) @ 2450 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

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

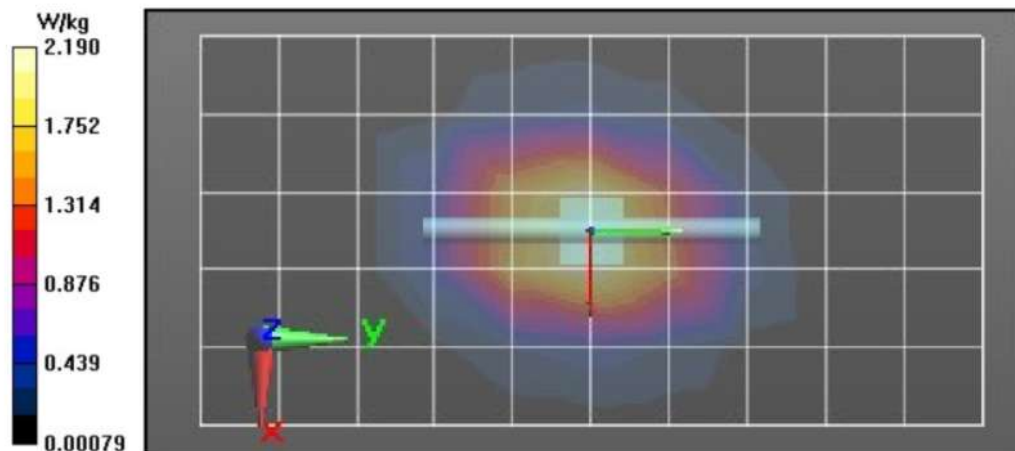
grid: dx=1.200 mm, dy=1.200 mm  
 Reference Value = 41.49 V/m; Power Drift = -0.03 dB  
**Fast SAR: SAR(1 g) = 1.74 W/kg; SAR(10 g) = 0.826 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 2.99 W/kg

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

grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 41.49 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 3.74 W/kg  
**SAR(1 g) = 1.65 W/kg; SAR(10 g) = 0.763 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 9 mm  
 Ratio of SAR at M2 to SAR at M1 = 45.9%  
 Maximum value of SAR (measured) = 2.96 W/kg

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

dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 2.98 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/27/2021 10:08:56 AM

Robot#: DASY5-PG-2 | Run#: MA(RY)-SYSP-5250H-210727-04  
 Dipole Model#: D5GHzV2  
 Phantom#: ELI4 1109  
 Tissue Temp: 19.3. (C)  
 Serial#: 1027  
 Test Freq: 5250.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.11 dB  
 Adjusted SAR (1W): 74.37 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.27$  S/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.38, 5.38, 5.38) @ 5250 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

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

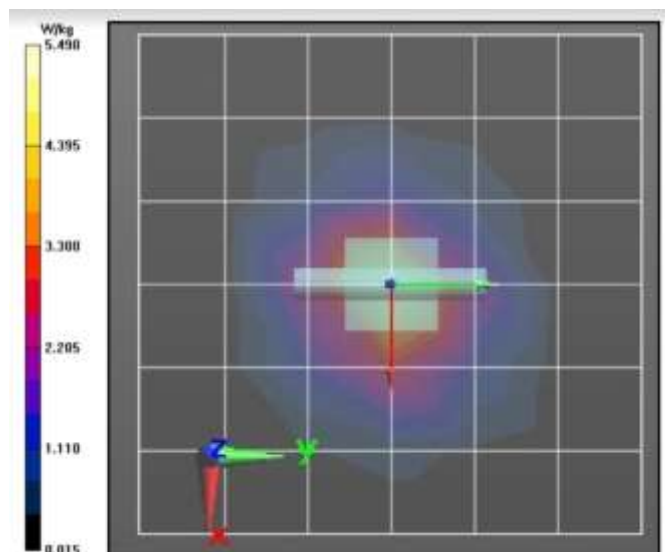
$dx=0.9000$  mm,  $dy=0.9000$  mm  
 Reference Value = 40.63 V/m; Power Drift = -0.10 dB  
**Fast SAR: SAR(1 g) = 2.21 W/kg; SAR(10 g) = 0.612 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.66 W/kg

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

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
 Reference Value = 40.63 V/m; Power Drift = -0.10 dB  
 Peak SAR (extrapolated) = 8.61 W/kg  
**SAR(1 g) = 2.35 W/kg; SAR(10 g) = 0.682 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 58.1%  
 Maximum value of SAR (measured) = 5.21 W/kg

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

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



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 7/28/2021 9:28:25 AM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-5250H-210728-06  
 Dipole Model# D5GHzV2  
 Phantom#: EL14 1109  
 Tissue Temp: 19.1 (C)  
 Serial#: 1027  
 Test Freq: 5250.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.110 dB  
 Adjusted SAR (1W): 75.00 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.29$  S/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.38, 5.38, 5.38) @ 5250 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

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

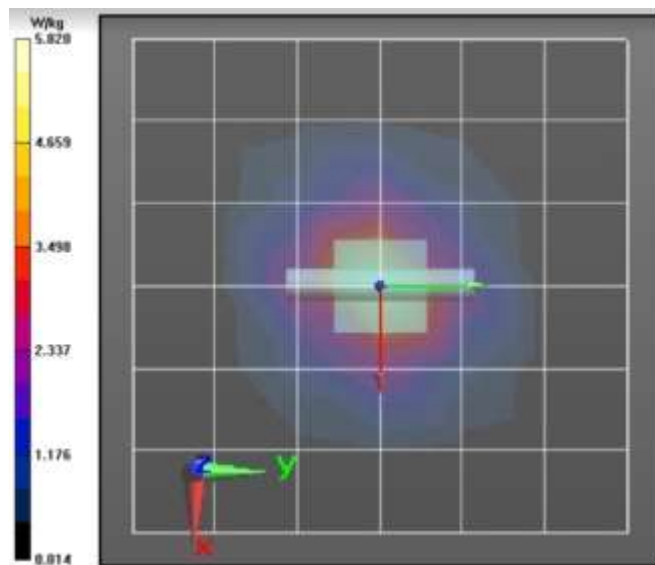
$dx=0.9000$  mm,  $dy=0.9000$  mm  
 Reference Value = 40.59 V/m; Power Drift = -0.03 dB  
**Fast SAR: SAR(1 g) = 2.25 W/kg; SAR(10 g) = 0.617 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.82 W/kg

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

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
 Reference Value = 40.59 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 8.82 W/kg  
**SAR(1 g) = 2.37 W/kg; SAR(10 g) = 0.684 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 57.4%  
 Maximum value of SAR (measured) = 5.13 W/kg

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

$dx=20$ mm,  $dy=20$ mm,  $dz=10$ mm  
 Maximum value of SAR (measured) = 5.58 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/5/2021 9:48:36 PM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-5250H-210805-14  
 Dipole Model# D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 21.2 (C)  
 Serial#: 1027  
 Test Freq: 5250.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.12 dB  
 Adjusted SAR (1W): 79.75 mW/g (1g)

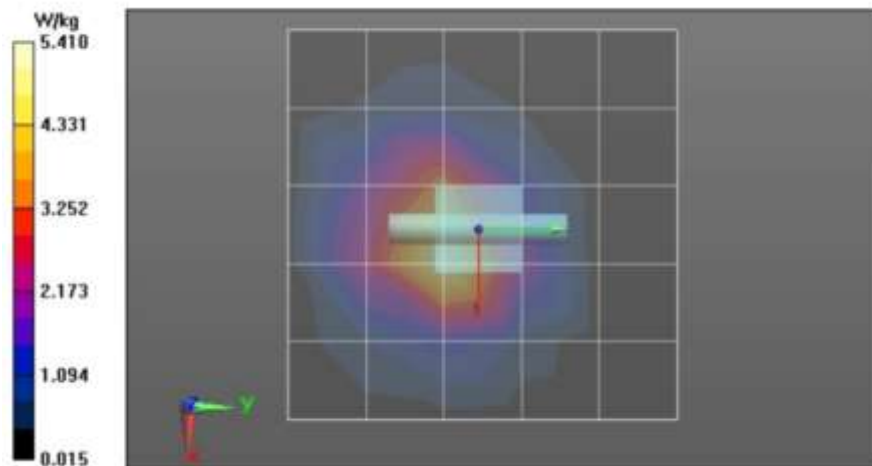
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.53$  S/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.38, 5.38, 5.38) @ 5250 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 40.65 V/m; Power Drift = -0.07 dB  
**Fast SAR: SAR(1 g) = 2.33 W/kg; SAR(10 g) = 0.650 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.95 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 40.65 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 9.20 W/kg  
**SAR(1 g) = 2.52 W/kg; SAR(10 g) = 0.732 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 58.2%  
 Maximum value of SAR (measured) = 5.50 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 6.02 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/6/2021 8:53:33 PM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-5250H-210806-12  
 Dipole Model# D5GHzV2  
 Phantom#: EL15 1150  
 Tissue Temp: 21.5 (C)  
 Serial#: 1027  
 Test Freq: 5250.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.082 dB  
 Adjusted SAR (1W): 76.27 mW/g (1g)

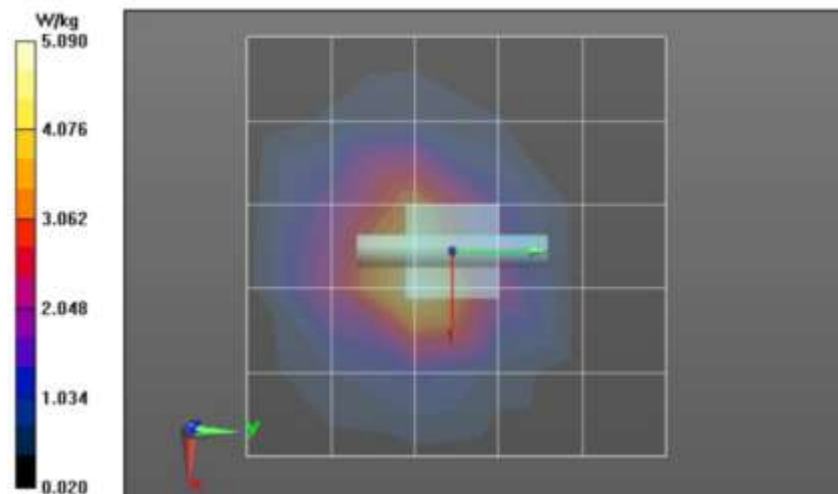
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.3$  S/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.38, 5.38, 5.38) @ 5250 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 40.68 V/m; Power Drift = -0.07 dB  
**Fast SAR: SAR(1 g) = 2.22 W/kg; SAR(10 g) = 0.618 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.69 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement grid:  
 dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 40.68 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 8.68 W/kg  
**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 0.699 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 58.6%  
 Maximum value of SAR (measured) = 5.32 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.71 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 7/29/2021 9:37:20 AM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-5600H-210729-06  
 Dipole Model#: D5GHzV2  
 Phantom#: ELI4 1109  
 Tissue Temp: 19.1 (C)  
 Serial#: 1027  
 Test Freq: 5600.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.160 dB  
 Adjusted SAR (1W): 76.58 mW/g (1g)

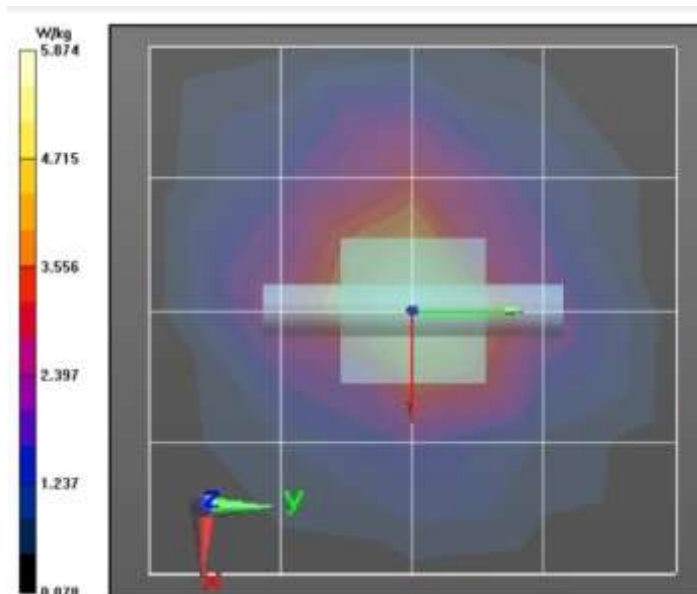
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.77$  S/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (41x41x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 39.80 V/m; Power Drift = -0.17 dB  
**Fast SAR: SAR(1 g) = 2.26 W/kg; SAR(10 g) = 0.627 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 6.03 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 39.80 V/m; Power Drift = -0.17 dB  
 Peak SAR (extrapolated) = 9.87 W/kg  
**SAR(1 g) = 2.42 W/kg; SAR(10 g) = 0.696 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 54.3%  
 Maximum value of SAR (measured) = 5.54 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.99 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 7/31/2021 1:07:16 AM

Robot#: DASY5-PG-2 | Run#: AF(SAN)-SYSP-5600H-210730-15  
 Dipole Model# D5GHzV2  
 Phantom#: ELI4 1109  
 Tissue Temp: 20.2 (C)  
 Serial#: 1027  
 Test Freq: 5600.0000 (MHz)  
 Start Power: 100 (mW)  
 Rotation (1D): 0.160 dB  
 Adjusted SAR (1W): 87.20 mW/g (1g)

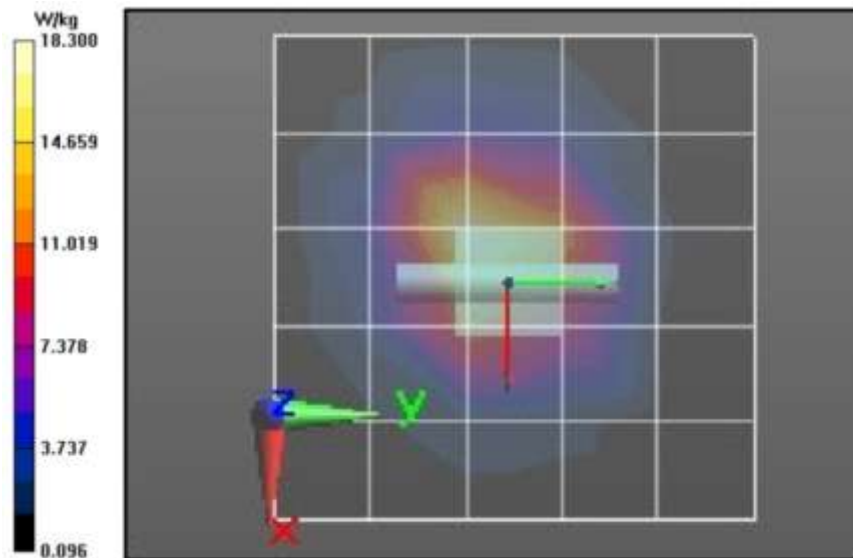
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.57$  S/m;  $\epsilon_r = 37.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 76.77 V/m; Power Drift = 0.26 dB  
**Fast SAR: SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.2 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 21.8 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 76.77 V/m; Power Drift = 0.26 dB  
 Peak SAR (extrapolated) = 35.7 W/kg  
**SAR(1 g) = 8.72 W/kg; SAR(10 g) = 2.49 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 54.4%  
 Maximum value of SAR (measured) = 19.9 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 23.4 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/3/2021 8:59:32 PM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-5750H-210803-11  
 Dipole Model# D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 20.8 (C)  
 Serial#: 1027  
 Test Freq: 5750.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.130 dB  
 Adjusted SAR (1W): 72.78 mW/g (1g)

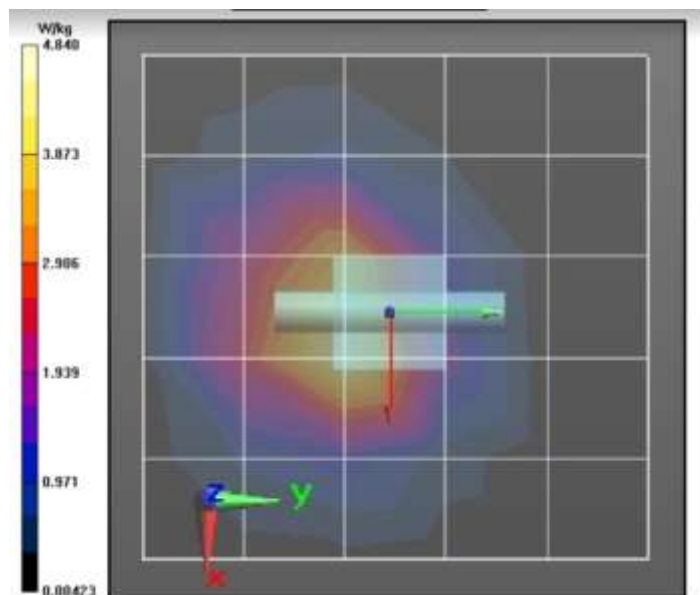
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 4.75$  S/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 38.87 V/m; Power Drift = -0.05 dB  
**Fast SAR: SAR(1 g) = 2.08 W/kg; SAR(10 g) = 0.579 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.65 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 38.87 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 9.57 W/kg  
**SAR(1 g) = 2.3 W/kg; SAR(10 g) = 0.652 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 54.1%  
 Maximum value of SAR (measured) = 5.33 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.81 W/kg





**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/4/2021 9:18:41 PM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-5600H-210804-12  
 Dipole Model# D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 21.0 (C)  
 Serial#: 1027  
 Test Freq: 5600.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 2.23 dB  
 Adjusted SAR (1W): 2.44 mW/g (1g)

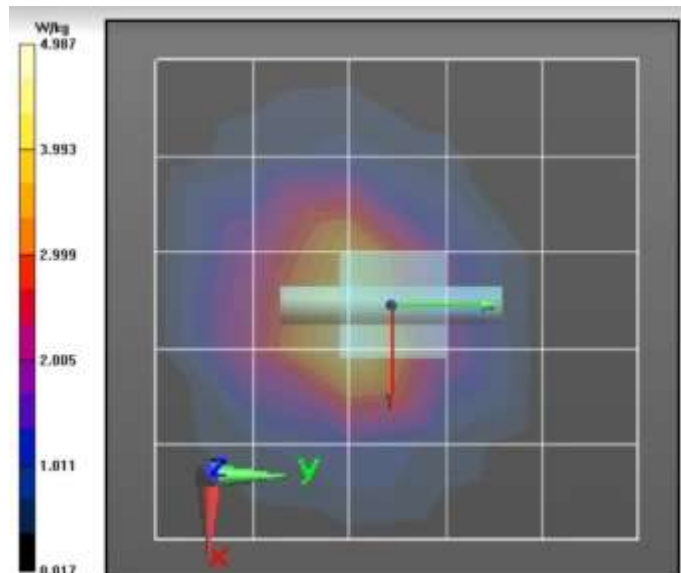
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.62$  S/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 40.37 V/m; Power Drift = -0.07 dB  
**Fast SAR: SAR(1 g) = 2.23 W/kg; SAR(10 g) = 0.614 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.99 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 40.37 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 10.1 W/kg  
**SAR(1 g) = 2.44 W/kg; SAR(10 g) = 0.690 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 54.2%  
 Maximum value of SAR (measured) = 5.58 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 6.16 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/8/2021 9:41:22 PM

Robot#: DASY5-PG-2 | Run#: MFR-SYSP-5600H-210808-12  
 Dipole Model# D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 21.3 (C)  
 Serial#: 1027  
 Test Freq: 5600.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (ID): 0.12 dB  
 Adjusted SAR (1W): 78.16 mW/g (1g)

Comments:

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

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.6$  S/m;  $\epsilon_r = 38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz

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

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:

$dx=0.9000$  mm,  $dy=0.9000$  mm

Reference Value = 40.79 V/m; Power Drift = -0.06 dB

**Fast SAR: SAR(1 g) = 2.22 W/kg; SAR(10 g) = 0.615 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.99 W/kg

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

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 40.79 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 9.98 W/kg

**SAR(1 g) = 2.47 W/kg; SAR(10 g) = 0.700 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

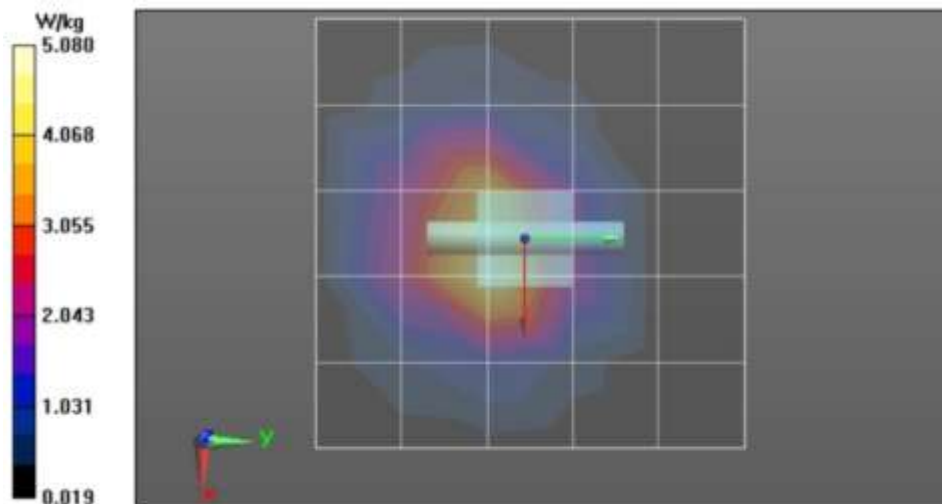
Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 5.70 W/kg

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

$dx=20$ mm,  $dy=20$ mm,  $dz=10$ mm

Maximum value of SAR (measured) = 6.05 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/12/2021 6:56:19 AM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-5600H-210812-03#  
 Dipole Model# D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 19.9 (C)  
 Serial#: 1027  
 Test Freq: 5600.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.110 dB  
 Adjusted SAR (1W): 84.18 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.77$  S/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.86, 4.86, 4.86) @ 5600 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:

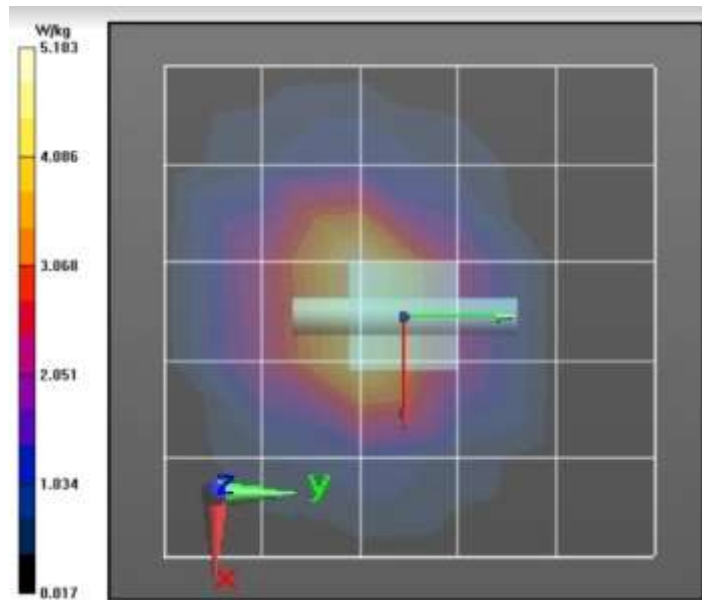
$dx=0.9000$  mm,  $dy=0.9000$  mm  
 Reference Value = 41.74 V/m; Power Drift = -0.19 dB  
**Fast SAR: SAR(1 g) = 2.42 W/kg; SAR(10 g) = 0.677 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 6.43 W/kg

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

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
 Reference Value = 41.74 V/m; Power Drift = -0.19 dB  
 Peak SAR (extrapolated) = 10.6 W/kg  
**SAR(1 g) = 2.66 W/kg; SAR(10 g) = 0.764 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.4 mm  
 Ratio of SAR at M2 to SAR at M1 = 55.1%  
 Maximum value of SAR (measured) = 6.08 W/kg

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

$dx=20$ mm,  $dy=20$ mm,  $dz=10$ mm  
 Maximum value of SAR (measured) = 6.39 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 7/31/2021 9:23:20 PM

Robot#: DASY5-PG-2 | Run#: AF(SAN)-SYSP-5750H-210731-04  
 Dipole Model# D5GHzV2  
 Phantom#: ELL15 1150  
 Tissue Temp: 21.0 (C)  
 Serial#: 1027  
 Test Freq: 5750.0000 (MHz)  
 Start Power: 100 (mW)  
 Rotation (1D): 0.130 dB  
 Adjusted SAR (1W): 78.50 mW/g (1g)

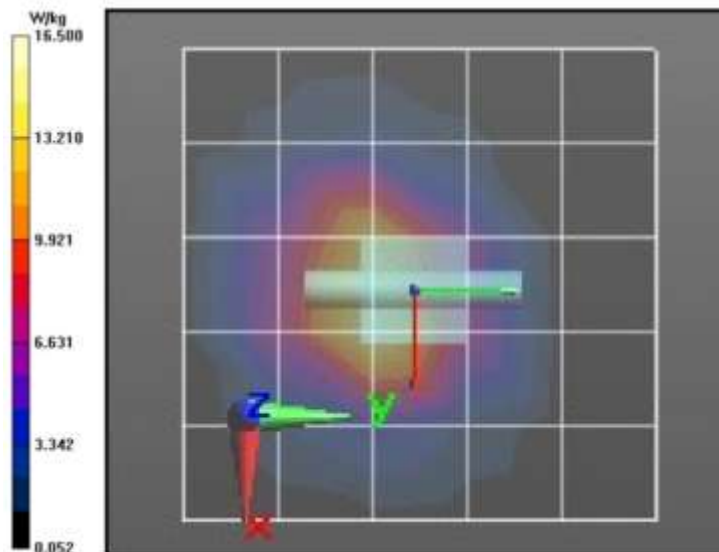
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 4.913$  S/m;  $\epsilon_r = 38.54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 70.94 V/m; Power Drift = -0.18 dB  
**Fast SAR: SAR(1 g) = 7.24 W/kg; SAR(10 g) = 2.01 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 19.6 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 70.94 V/m; Power Drift = -0.18 dB  
 Peak SAR (extrapolated) = 32.7 W/kg  
**SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.24 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 53.3%  
 Maximum value of SAR (measured) = 17.9 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 19.7 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/1/2021 9:22:12 PM

Robot#: DASY5-PG-2 | Run#: AF(SAN)-SYSP-5750H-210801-05  
 Dipole Model# D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 21.0 (C)  
 Serial#: 1027  
 Test Freq: 5750.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.120 dB  
 Adjusted SAR (1W): 72.15 mW/g (1g)

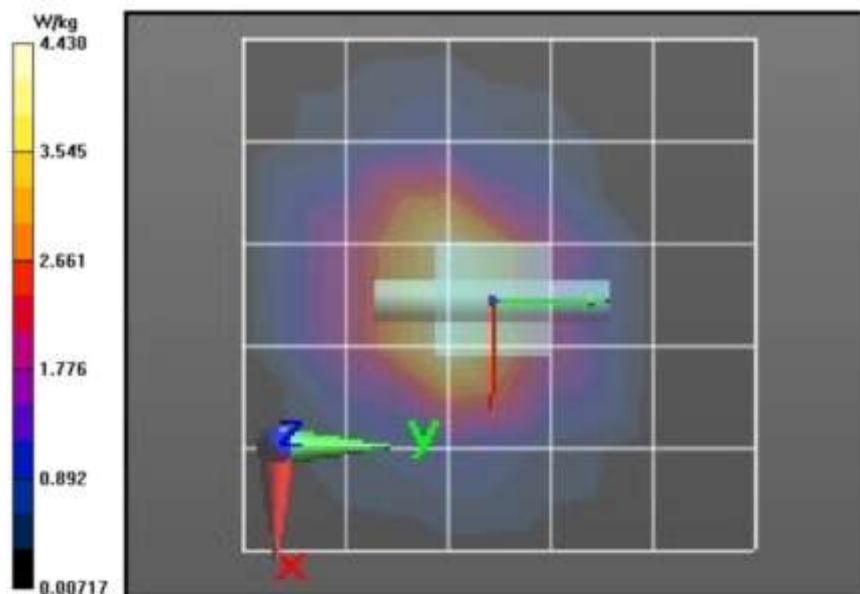
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 4.7$  S/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 38.64 V/m; Power Drift = -0.04 dB  
**Fast SAR: SAR(1 g) = 2.09 W/kg; SAR(10 g) = 0.582 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.68 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 38.64 V/m; Power Drift = -0.04 dB  
 Peak SAR (extrapolated) = 9.49 W/kg  
**SAR(1 g) = 2.28 W/kg; SAR(10 g) = 0.652 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 53.1%  
 Maximum value of SAR (measured) = 5.18 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.72 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/2/2021 9:44:48 PM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-5750H-210802-04  
 Dipole Model# D5GHzV2  
 Phantom#: EL15 1150  
 Tissue Temp: 20.4 (C)  
 Serial#: 1027  
 Test Freq: 5750.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.098 dB  
 Adjusted SAR (1W): 72.47 mW/g (1g)

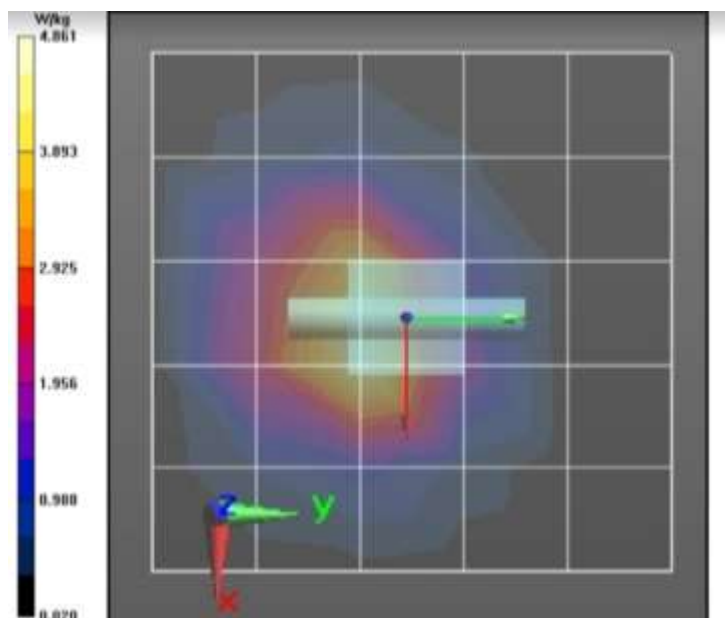
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 38.60 V/m; Power Drift = -0.04 dB  
**Fast SAR: SAR(1 g) = 2.13 W/kg; SAR(10 g) = 0.592 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.79 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 38.60 V/m; Power Drift = -0.04 dB  
 Peak SAR (extrapolated) = 9.71 W/kg  
**SAR(1 g) = 2.29 W/kg; SAR(10 g) = 0.653 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 52.9%  
 Maximum value of SAR (measured) = 5.23 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.73 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/3/2021 8:59:32 PM

Robot#: DASY5-PG-2 | Run#: MHI-SYSP-5750H-210803-11  
 Dipole Model# D5GHzV2  
 Phantom#: EL15 1150  
 Tissue Temp: 20.8 (C)  
 Serial#: 1027  
 Test Freq: 5750.0000 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.130 dB  
 Adjusted SAR (1W): 72.78 mW/g (1g)

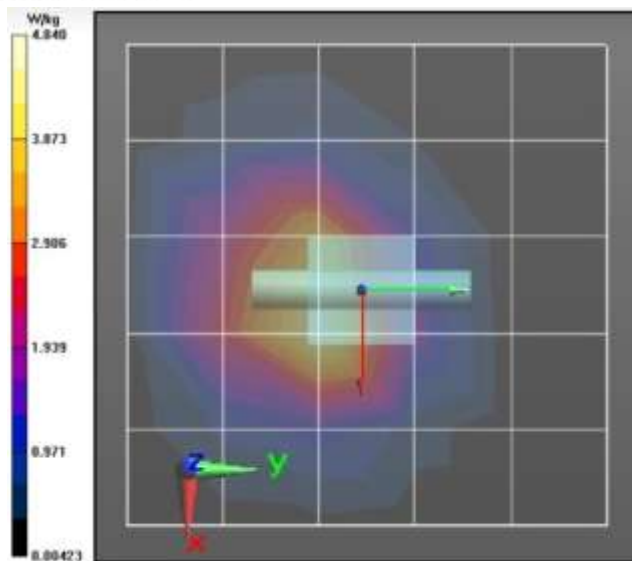
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 4.75$  S/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 38.87 V/m; Power Drift = -0.05 dB  
**Fast SAR: SAR(1 g) = 2.08 W/kg; SAR(10 g) = 0.579 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.65 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 38.87 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 9.57 W/kg  
**SAR(1 g) = 2.3 W/kg; SAR(10 g) = 0.652 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 54.1%  
 Maximum value of SAR (measured) = 5.33 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.81 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
 Date/Time: 8/12/2021 6:05:48 PM

Robot#: DASY5-PG-2 | Run#: AF(MF)-SYSP-5750H-210812-09  
 Dipole Model#: D5GHzV2  
 Phantom#: EL15 1150  
 Tissue Temp: 19.5 (C)  
 Serial#: 1027  
 Test Freq: 5750 (MHz)  
 Start Power: 31.6 (mW)  
 Rotation (1D): 0.160 dB  
 Adjusted SAR (1W): 74.37 mW/g (1g)

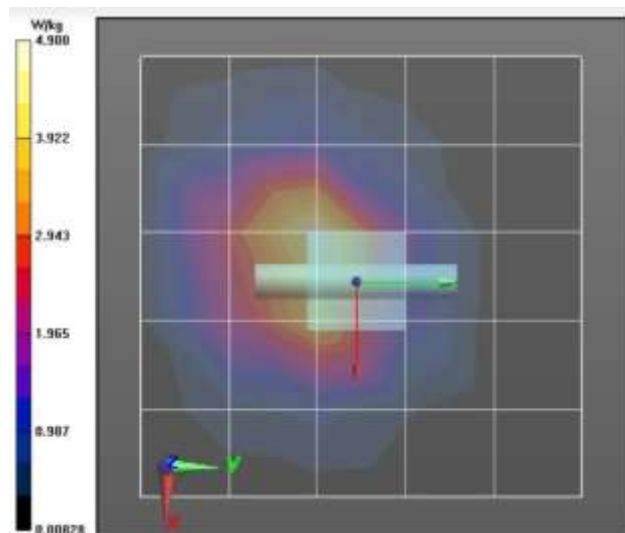
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 4.72$  S/m;  $\epsilon_r = 37.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5750 MHz, ConvF(4.88, 4.88, 4.88) @ 5750 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (51x51x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 39.34 V/m; Power Drift = -0.07 dB  
**Fast SAR: SAR(1 g) = 2.1 W/kg; SAR(10 g) = 0.587 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 5.71 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 39.34 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 9.69 W/kg  
**SAR(1 g) = 2.35 W/kg; SAR(10 g) = 0.673 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.4 mm  
 Ratio of SAR at M2 to SAR at M1 = 53.9%  
 Maximum value of SAR (measured) = 5.51 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 5.86 W/kg





**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/31/2021 1:47:32 PM

Robot#: DASY5-PG-3 | Run#: AR-SYSP-5250H-210831-15  
 Dipole Model#: D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 19.6 (C)  
 Serial#: 1027  
 Test Freq: 5250.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.25 dB  
 Adjusted SAR (1W): 72.70 mW/g (1g)

**Comments:**

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.35$  S/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.4, 5.4, 5.4) @ 5250 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

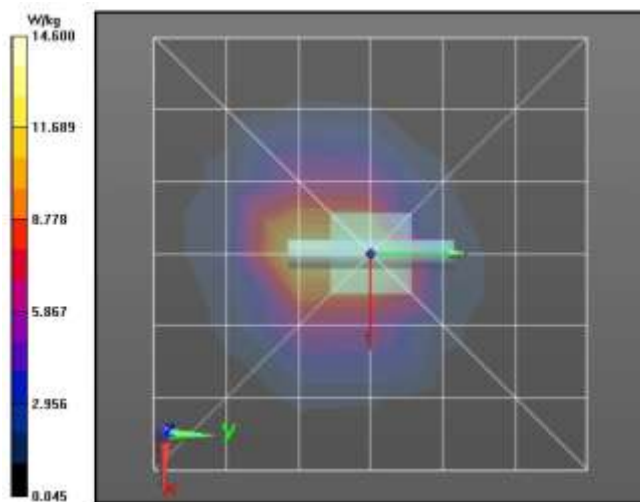
$dx=0.9000$  mm,  $dy=0.9000$  mm  
 Reference Value = 72.05 V/m; Power Drift = 0.04 dB  
 Fast SAR: SAR(1 g) = 7.23 W/kg; SAR(10 g) = 1.94 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 18.7 W/kg

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

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
 Reference Value = 72.05 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 31.1 W/kg  
 SAR(1 g) = 7.27 W/kg; SAR(10 g) = 2.06 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 52.5%  
 Maximum value of SAR (measured) = 16.8 W/kg

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

$dx=20$ mm,  $dy=20$ mm,  $dz=10$ mm  
 Maximum value of SAR (measured) = 18.7 W/kg



**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/31/2021 2:42:21 PM

Robot#: DASY5-PG-3 | Run#: AR-SYSP-5600H-210831-16  
 Dipole Model# D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 19.6 (C)  
 Serial#: 1027  
 Test Freq: 5600.0000 (MHz)  
 Start Power: 250 (mW)  
 Rotation (1D): 0.23 dB  
 Adjusted SAR (1W): 76.90 mW/g (1g)

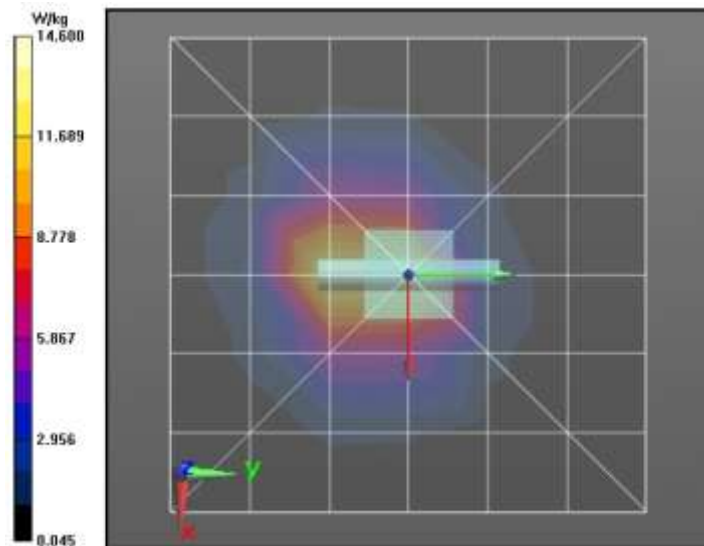
Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.74$  S/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5600 MHz, ConvF(4.82, 4.82, 4.82) @ 5600 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**4-6 GHz-Rev.5/System Performance Check/Dipole Area Scan 2 (61x61x1):** Interpolated grid:  
 dx=0.9000 mm, dy=0.9000 mm  
 Reference Value = 71.67 V/m; Power Drift = -0.14 dB  
 Fast SAR: SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 20.5 W/kg

**4-6 GHz-Rev.5/System Performance Check/0-Degree Cube (8x8x12)/Cube 0:** Measurement  
 grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 71.67 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 36.1 W/kg  
 SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.15 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 49.6%  
 Maximum value of SAR (measured) = 18.2 W/kg

**4-6 GHz-Rev.5/System Performance Check/Z-Axis Retraction (1x1x17):** Measurement grid:  
 dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 19.7 W/kg



**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 9/1/2021 10:51:20 AM

Robot#: DASY5-PG-3 | Run#: AR-SYSP-5250H-210901-07  
 Dipole Model#: D5GHzV2  
 Phantom#: ELI5 1150  
 Tissue Temp: 19.5 (C)  
 Serial#: 1027  
 Test Freq: 525.0000 (MHz)  
 Start Power: 100 (mW)  
 Rotation (1D): 0.16 dB  
 Adjusted SAR (1W): 73.30 mW/g (1g)

Comments:

Communication System Band: Dipole 5000, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.43$  S/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5250 MHz, ConvF(5.4, 5.4, 5.4) @ 5250 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

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

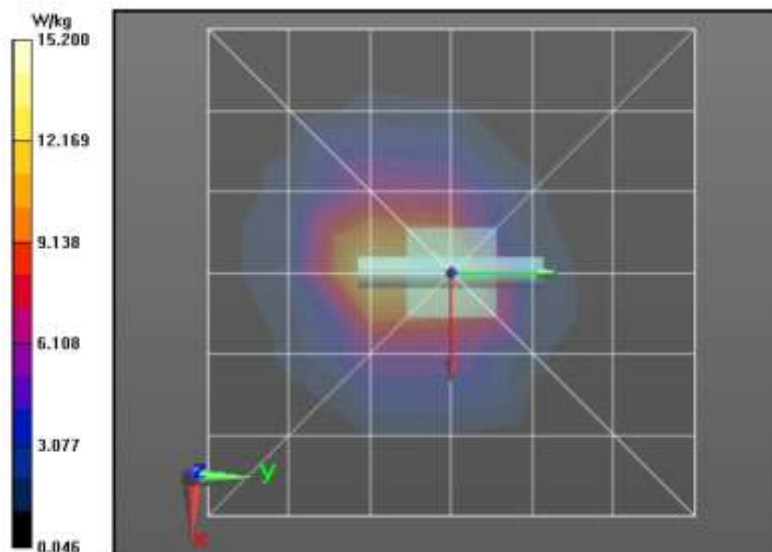
$dx=0.9000$  mm,  $dy=0.9000$  mm  
 Reference Value = 73.03 V/m; Power Drift = -0.12 dB  
 Fast SAR: SAR(1 g) = 7.43 W/kg; SAR(10 g) = 2 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 19.2 W/kg

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

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
 Reference Value = 73.03 V/m; Power Drift = -0.12 dB  
 Peak SAR (extrapolated) = 32.3 W/kg  
 SAR(1 g) = 7.33 W/kg; SAR(10 g) = 2.06 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 52.3%  
 Maximum value of SAR (measured) = 17.4 W/kg

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

$dx=20$ mm,  $dy=20$ mm,  $dz=10$ mm  
 Maximum value of SAR (measured) = 18.8 W/kg



## **Appendix F**

### **DUT Scans**

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

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/26/2021 6:05:03 AM

Robot#: DASY5-PG-3 | Run#: AR-AB-210726-08  
 Model#: PMUE5723A  
 Phantom#: ELI4 1108  
 Tissue Temp: 19.9 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4071A  
 Test Freq: 470.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: PMMN4128A  
 Start Power: 4.61 (W)

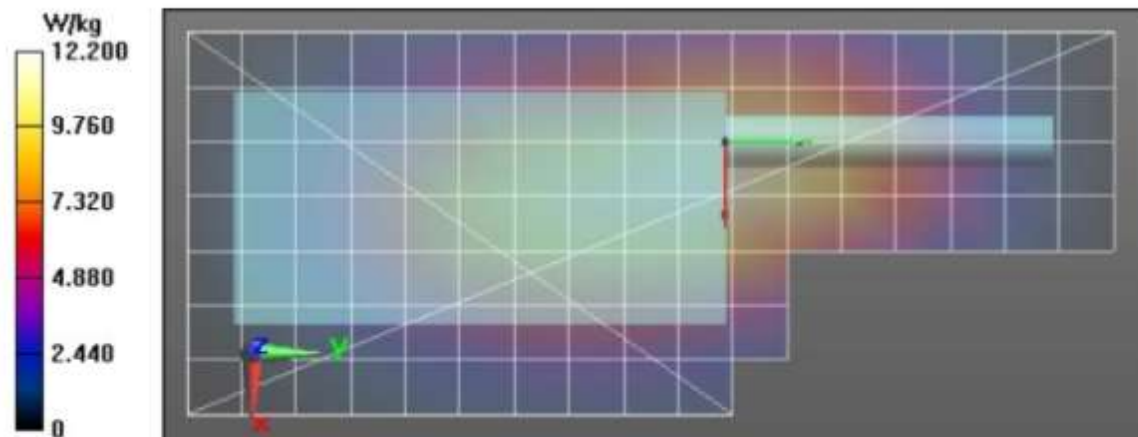
**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 470 MHz, ConvF(11.86, 11.86, 11.86) @ 470 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/AbScan/1-Area Scan (71x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 123.8 V/m; Power Drift = -0.60 dB  
**Fast SAR: SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.35 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 12.5 W/kg

**Below 2 GHz-Rev.3/AbScan/3-Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 123.8 V/m; Power Drift = -0.57 dB  
 Peak SAR (extrapolated) = 14.1 W/kg  
**SAR(1 g) = 9.89 W/kg; SAR(10 g) = 7.13 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 69.3%  
 Maximum value of SAR (measured) = 12.5 W/kg

**Below 2 GHz-Rev.3/AbScan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 12.1 W/kg



## Assessments at the FCC LMR Body with PMLN 4651A -Table 19

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/28/2021 2:54:17 AM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210728-05#  
 Model#: PMUE5723A  
 Phantom#: ELI4 1108  
 Tissue Temp: 19.8 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4071A  
 Test Freq: 512.0000 (MHz)  
 Battery: PMNN4807A  
 Carry Acc: PMLN4651A  
 Audio Acc: PMMN4128A  
 Start Power: 4.71 (W)

**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 512 \text{ MHz}$ ;  $\sigma = 0.91 \text{ S/m}$ ;  $\epsilon_r = 42.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 512 MHz, ConvF(11.86, 11.86, 11.86) @ 512 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/AbScan/1-Area Scan (71x221x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

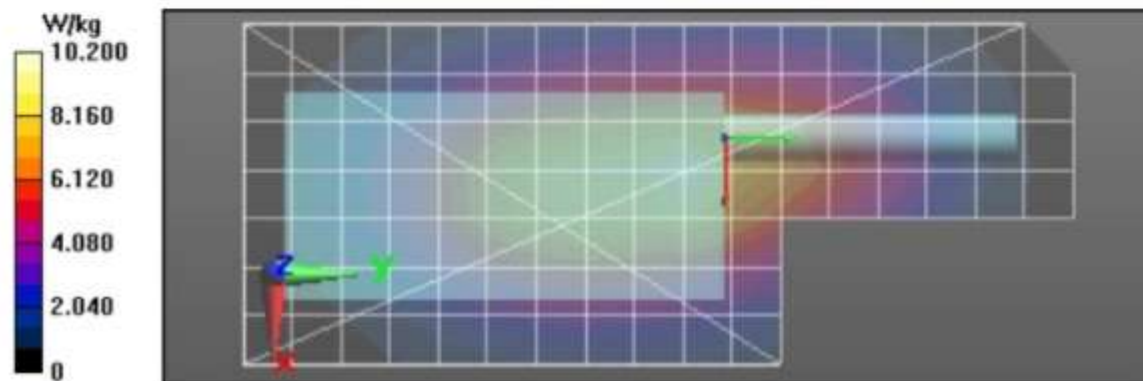
Reference Value = 101.6 V/m; Power Drift = -0.55 dB  
**Fast SAR: SAR(1 g) = 8.11 W/kg; SAR(10 g) = 5.67 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 10.2 W/kg

**Below 2 GHz-Rev.3/AbScan/3-Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 101.6 V/m; Power Drift = -0.59 dB  
 Peak SAR (extrapolated) = 11.6 W/kg  
**SAR(1 g) = 7.68 W/kg; SAR(10 g) = 5.42 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 66.5%  
 Maximum value of SAR (measured) = 10.2 W/kg

**Below 2 GHz-Rev.3/AbScan/4-Z-Axis Scan (1x1x17):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ ,  $dz=10\text{mm}$

Maximum value of SAR (measured) = 10.2 W/kg



## Assessments at the FCC LMR Body with PMLN7008A -Table 20

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 7/28/2021 7:07:54 PM

Robot#: DASY5-PG-3 | Run#: MA(RY)-AB-210728-23  
 Model#: PMUE5723A  
 Phantom#: ELI4 1103  
 Tissue Temp: 19.9 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4071A  
 Test Freq: 470.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: PMLN7008A  
 Audio Acc: PMMN4128A  
 Start Power: 4.80 (W)

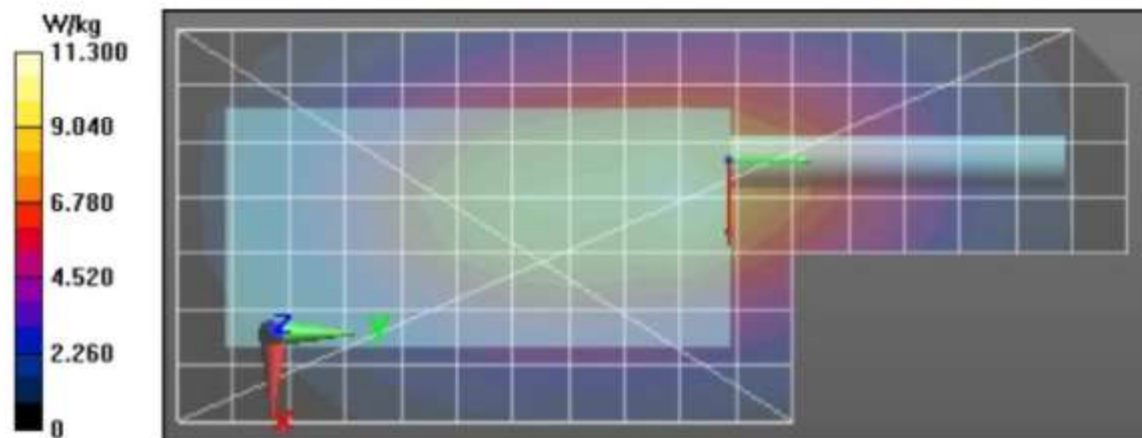
**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 470 MHz, ConvF(11.86, 11.86, 11.86) @ 470 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/AbScan/1-Area Scan (71x181x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 113.4 V/m; Power Drift = -0.50 dB  
**Fast SAR: SAR(1 g) = 8.97 W/kg; SAR(10 g) = 6.24 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 11.3 W/kg

**Below 2 GHz-Rev.3/AbScan/3-Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 113.4 V/m; Power Drift = -0.51 dB  
 Peak SAR (extrapolated) = 12.9 W/kg  
**SAR(1 g) = 8.52 W/kg; SAR(10 g) = 6.01 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 66%  
 Maximum value of SAR (measured) = 11.3 W/kg

**Below 2 GHz-Rev.3/AbScan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 10.9 W/kg



## Assessments at the FCC LMR Body with PMLN8302A with NTN5243A -Table 21

### Motorola Solutions, Inc. EME Laboratory Date/Time: 7/30/2021 12:24:55 AM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210730-01#  
 Model#: PMUE5723A  
 Phantom#: ELI4 1103  
 Tissue Temp: 19.9 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4071A  
 Test Freq: 512.0000 (MHz)  
 Battery: PMNN4807A  
 Carry Acc: PMLN8302A w/o belt loop w/ NTN5243A  
 Audio Acc: PMMN4128A  
 Start Power: 4.80 (W)

**Comments:**

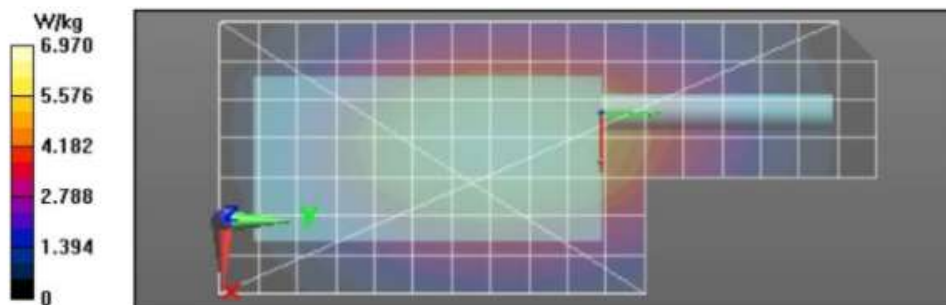
Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 512 \text{ MHz}$ ;  $\sigma = 0.91 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 512 MHz, ConvF(11.86, 11.86, 11.86) @ 512 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Reference Value = 89.10 V/m; Power Drift = -1.02 dB  
**Fast SAR: SAR(1 g) = 5.67 W/kg; SAR(10 g) = 4.1 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 7.01 W/kg

**Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (41x41x1):** Interpolated grid:  $dx=0.7500 \text{ mm}$ ,  
 $dy=0.7500 \text{ mm}$ ,  $dz=1.000 \text{ mm}$   
 Reference Value = 89.10 V/m; Power Drift = -1.08 dB  
**Fast SAR: SAR(1 g) = 5.61 W/kg; SAR(10 g) = 4.09 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 6.84 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 = 99.50 V/m; Power Drift = -0.87 dB  
 Peak SAR (extrapolated) = 8.69 W/kg  
**SAR(1 g) = 6.29 W/kg; SAR(10 g) = 4.65 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 71.9%  
 Maximum value of SAR (measured) = 7.80 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) = 6.70 W/kg





# Assessments at the FCC LMR Body with PMLN8304A with NTN5243A -Table 22

## Motorola Solutions, Inc. EME Laboratory Date/Time: 7/30/2021 7:16:29 AM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210730-10#  
 Model#: PMUE5723A  
 Phantom#: ELI4 1108  
 Tissue Temp: 20.2 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4070A  
 Test Freq: 450.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: PMLN8304A w/ NTN5243A  
 Audio Acc: PMMN4128A  
 Start Power: 4.80 (W)

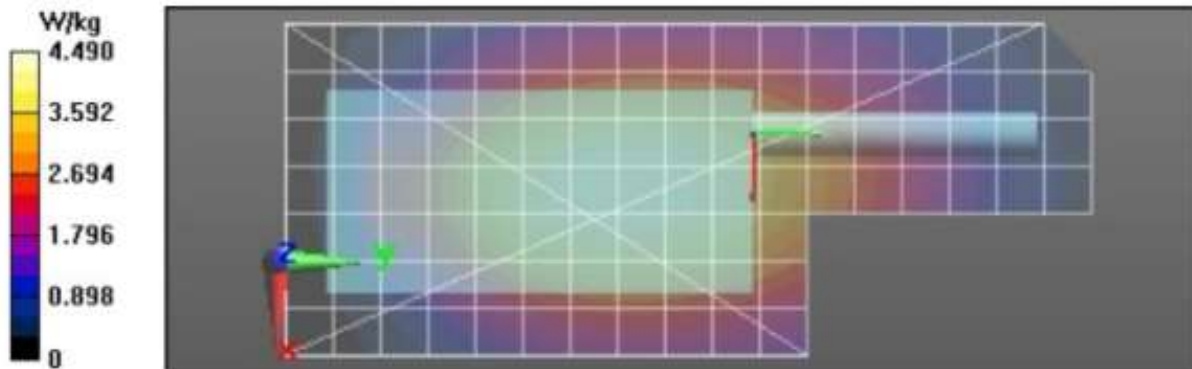
Comments:

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 42.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 69.50 V/m; Power Drift = -0.51 dB  
**Fast SAR: SAR(1 g) = 3.74 W/kg; SAR(10 g) = 2.75 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 4.59 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 = 69.50 V/m; Power Drift = -0.53 dB  
 Peak SAR (extrapolated) = 4.85 W/kg  
**SAR(1 g) = 3.56 W/kg; SAR(10 g) = 2.68 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 73.3%  
 Maximum value of SAR (measured) = 4.39 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) = 4.47 W/kg



# Assessments at the FCC LMR Body with PMLN8302A with RLN6487A with RLN6488A -Table 23

## Motorola Solutions, Inc. EME Laboratory Date/Time: 7/31/2021 2:29:49 AM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210731-02  
 Model#: PMUE5723A  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.5 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4071A  
 Test Freq: 512.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: PMLN8302A w/o belt loop w/ RLN6487A w/ RLN6488A  
 Audio Acc: PMMN4128A  
 Start Power: 4.79 (W)

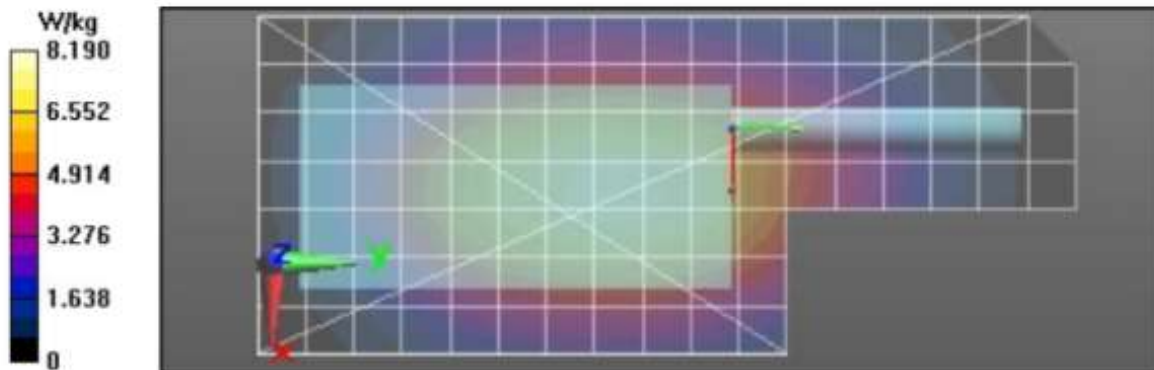
Comments:

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 512$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 512 MHz, ConvF(11.86, 11.86, 11.86) @ 512 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 91.00 V/m; Power Drift = -0.72 dB  
**Fast SAR: SAR(1 g) = 6.74 W/kg; SAR(10 g) = 4.87 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 8.34 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 = 91.00 V/m; Power Drift = -0.86 dB  
 Peak SAR (extrapolated) = 9.11 W/kg  
**SAR(1 g) = 6.61 W/kg; SAR(10 g) = 4.88 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 72.4%  
 Maximum value of SAR (measured) = 8.22 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) = 8.04 W/kg



## Assessments at the FCC LMR Body with other audio accessories -Table 24

### Motorola Solutions, Inc. EME Laboratory Date/Time: 7/31/2021 2:20:04 PM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-AB-210731-13  
 Model#: PMUE5723A  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.6 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4071A  
 Test Freq: 470.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: PMLN8343A  
 Start Power: 4.80 (W)

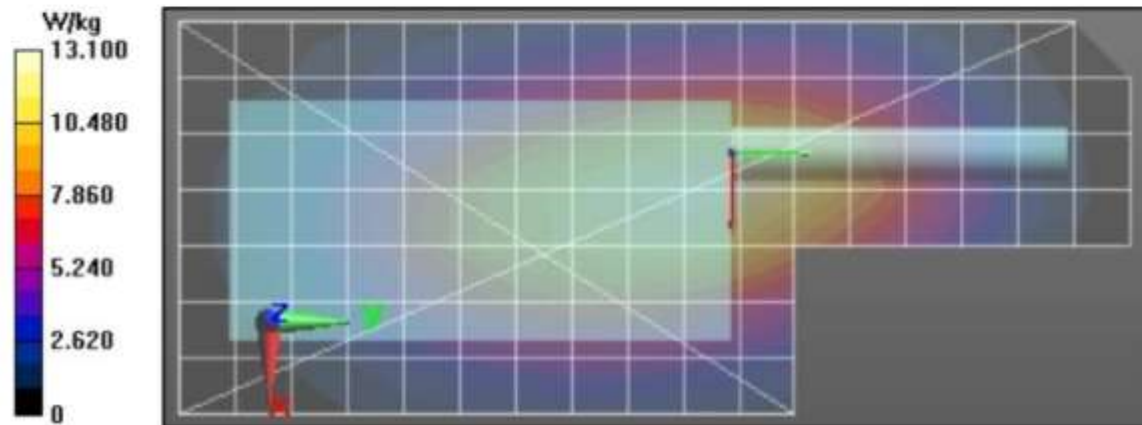
**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 470 MHz, ConvF(11.86, 11.86, 11.86) @ 470 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x211x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 124.1 V/m; Power Drift = -0.34 dB  
**Fast SAR: SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.7 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 13.2 W/kg

**Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 124.1 V/m; Power Drift = -0.45 dB  
 Peak SAR (extrapolated) = 14.8 W/kg  
**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.59 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 70.4%  
 Maximum value of SAR (measured) = 13.3 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) = 12.9 W/kg



### Assessments at the FCC Body of wireless BT configuration -Table 25

#### Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2021 5:47:27 PM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210803-19  
 Model#: PMUE5723A  
 Phantom#: ELI4 1103  
 Tissue Temp: 19.8 (C)  
 Serial#: 865TXP0193  
 Antenna: PMAE4071A  
 Test Freq: 470.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None(BT)  
 Start Power: 4.80 (W)

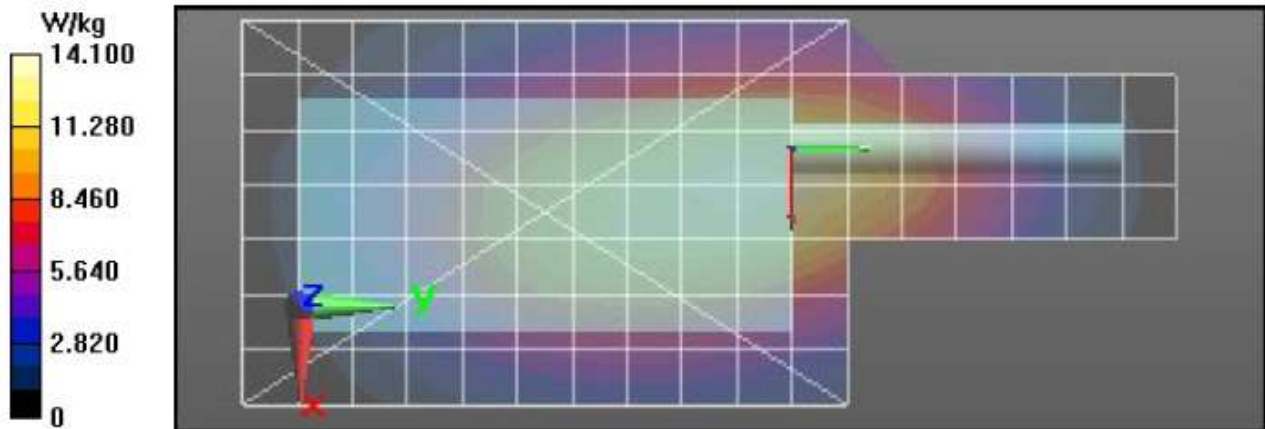
Comments:

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 470 MHz, ConvF(11.86, 11.86, 11.86) @ 470 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x181x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 127.3 V/m; Power Drift = -0.22 dB  
 Fast SAR: SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.34 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 14.1 W/kg

**Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 127.3 V/m; Power Drift = -0.37 dB  
 Peak SAR (extrapolated) = 15.8 W/kg  
 SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.39 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 71.6%  
 Maximum value of SAR (measured) = 14.2 W/kg

**Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 13.8 W/kg



## Assessments at the FCC for Face -Table 27

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/6/2021 10:50:38 AM

Robot#: DASY5-PG-3 | Run#: AMN-FACE-210806-09  
 Model#: PMUE5722A  
 Phantom#: ELI4 1103  
 Tissue Temp: 21.1 (C)  
 Serial#: P4N0XP0VGR  
 Antenna: PMAE4070A  
 Test Freq: 450.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: @ front  
 Audio Acc: N/A  
 Start Power: 4.79 (W)

**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.84$  S/m;  $\epsilon_r = 42.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

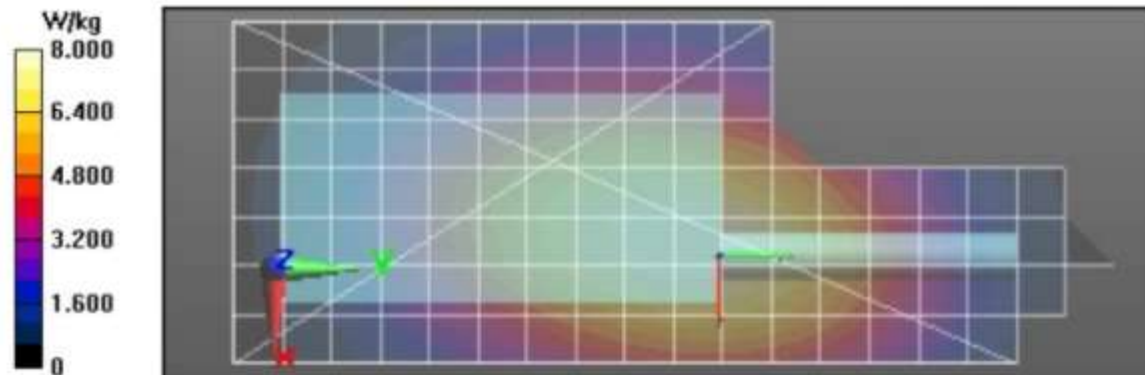
Reference Value = 103.8 V/m; Power Drift = -0.44 dB  
**Fast SAR: SAR(1 g) = 6.82 W/kg; SAR(10 g) = 5 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 8.19 W/kg

**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 = 103.8 V/m; Power Drift = -0.40 dB  
 Peak SAR (extrapolated) = 8.95 W/kg  
**SAR(1 g) = 6.75 W/kg; SAR(10 g) = 5.04 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 73.7%  
 Maximum value of SAR (measured) = 8.12 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) = 7.99 W/kg



## Assessments at the FCC WLAN 2.4GHz Body -Table 29

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/9/2021 4:25:48 PM

Robot#: DASY5-PG-2 | Run#: BL(SAN)-AB-210809-11  
 Model#: PMUE5723A  
 Phantom#: ELI4 1028  
 Tissue Temp: 21.1 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 2412.0000 (MHz)  
 Battery: PMNN4807A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0243 (W)

**Comments:**

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

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  S/m;  $\epsilon_r = 36.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 2412 MHz, ConvF(7.63, 7.63, 7.63) @ 2412 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.438 V/m; Power Drift = -0.07 dB

**Fast SAR: SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.013 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0334 W/kg

**2-3 GHz-Rev.3/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.438 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0410 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.012 W/kg** (SAR corrected for target medium)

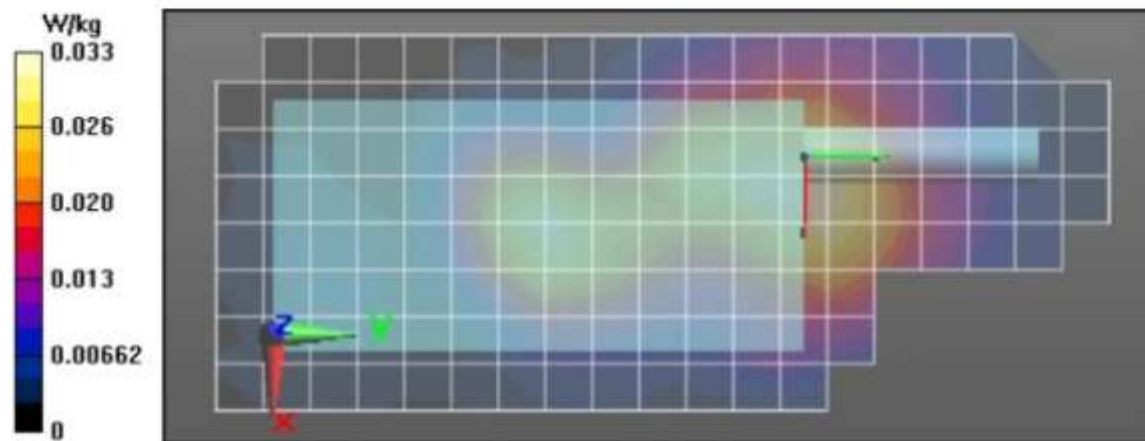
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 0.0330 W/kg

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

Maximum value of SAR (measured) = 0.0322 W/kg



## Assessments at the FCC WLAN 2.4GHz Face -Table 31

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/9/2021 8:49:00 PM

Robot#: DASY5-xx-x | Run#: MFR-FACE-210809-14  
 Model#: PMUE5723A  
 Phantom#: ELI4 1028  
 Tissue Temp: 20.5 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 2412.0000 (MHz)  
 Battery: PMNN4810A  
 Carry Acc: None  
 Audio Acc: NONE  
 Start Power: 0.0245(W)

**Comments:**

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

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  S/m;  $\epsilon_r = 36.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 2412 MHz, ConvF(7.63, 7.63, 7.63) @ 2412 MHz

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

**2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.670 V/m; Power Drift = -0.11 dB

**Fast SAR: SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.014 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0361 W/kg

**2-3 GHz-Rev.3/Face Scan/3-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.670 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0460 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.013 W/kg** (SAR corrected for target medium)

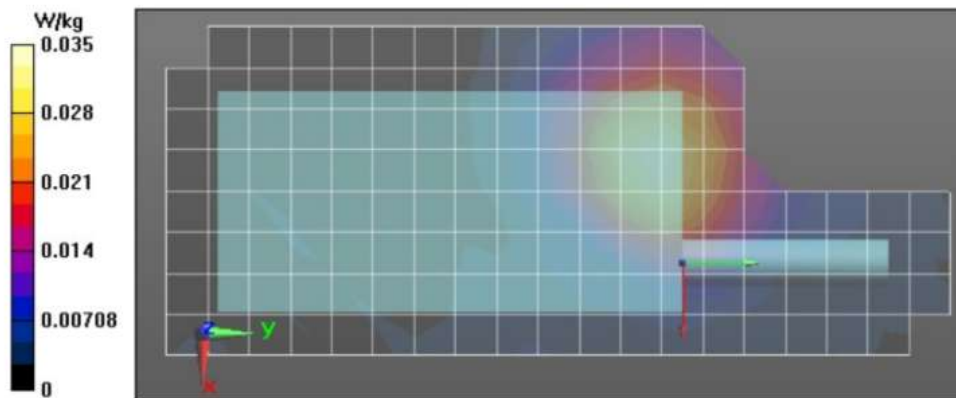
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.0361 W/kg

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

Maximum value of SAR (measured) = 0.0363 W/kg



## Assessments at the FCC WLAN 5GHz (U-NII-2A) Body -Table 33

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/27/2021 2:26:37 PM

Robot#: DASY5-PG-2 | Run#: MA(RY)-Ab-210727-06  
 Model#: PMUE5723A  
 Phantom#: ELI4 1109  
 Tissue Temp: 20.0 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5300.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0433 (W)

Comments: Full Scan

Communication System Band: U-NII-1, U-NII-2A (5170 - 5330 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.32$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5300 MHz, ConvF(5.38, 5.38, 5.38) @ 5300 MHz

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

#### 4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x261x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 9.465 V/m; Power Drift = -0.43 dB

Fast SAR: SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.093 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.442 W/kg

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

Reference Value = 9.465 V/m; Power Drift = -0.42 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.097 W/kg (SAR corrected for target medium)

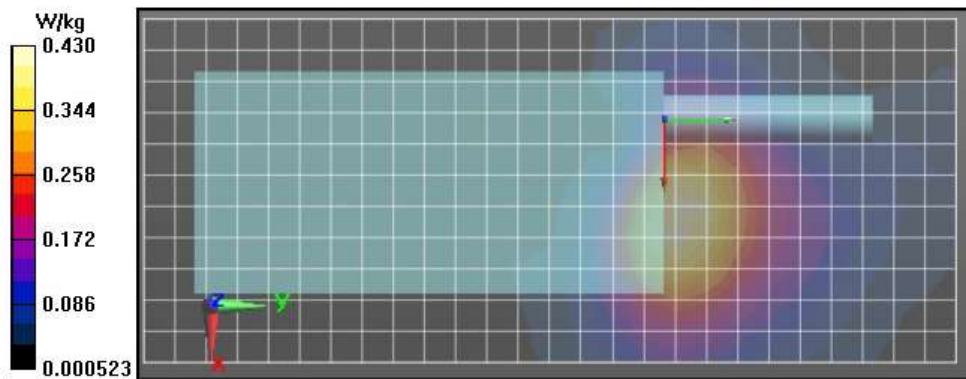
Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 58.7%

Maximum value of SAR (measured) = 0.433 W/kg

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

Maximum value of SAR (measured) = 0.425 W/kg





## Assessments at the FCC WLAN (U-NII-2A) Face -Table 34

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 7/29/2021 12:21:11 AM

Robot#: DASY5-PG-2 | Run#: AF-FACE-210729-01#  
 Model#: PMUE5723A  
 Phantom#: ELI4 1109  
 Tissue Temp: 19.8 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5300.0000 (MHz)  
 Battery: PMNN4807A  
 Carry Acc: None  
 Audio Acc: None  
 Start Power: 0.0427 (W)

Comments: Full Scan

Communication System Band: U-NII-1, U-NII-2A (5170 - 5330 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.34$  S/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5300 MHz, ConvF(5.38, 5.38, 5.38) @ 5300 MHz

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

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 6.440 V/m; Power Drift = -0.07 dB

**Fast SAR: SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.053 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.263 W/kg

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

Reference Value = 6.440 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.408 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.055 W/kg** (SAR corrected for target medium)

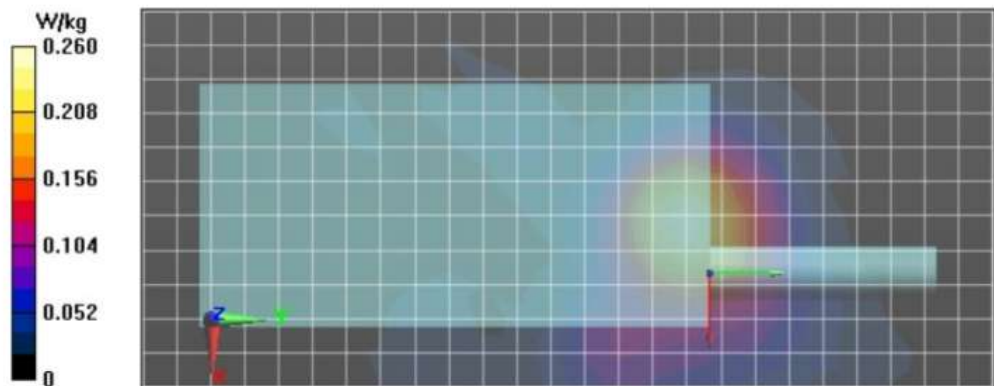
Smallest distance from peaks to all points 3 dB below = 17.5 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 0.259 W/kg

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

Maximum value of SAR (measured) = 0.258 W/kg



## Assessments at the FCC WLAN (U-NII-2C) Body -Table 35

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/29/2021 3:53:02 PM

Robot#: DASY5-PG-2 | Run#: MHI-AB-210729-10  
 Model#: PMUE5723A  
 Phantom#: ELI4 1109  
 Tissue Temp: 19.8 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5640.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0213 (W)

Comments: Full Scan

Communication System Band: U-NII-2C < 5.65 GHz (5490 - 5650 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5640$  MHz;  $\sigma = 4.81$  S/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5640 MHz, ConvF(4.86, 4.86, 4.86) @ 5640 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 4.985 V/m; Power Drift = -0.07 dB

**Fast SAR: SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.025 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.144 W/kg

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

Reference Value = 4.985 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.025 W/kg** (SAR corrected for target medium)

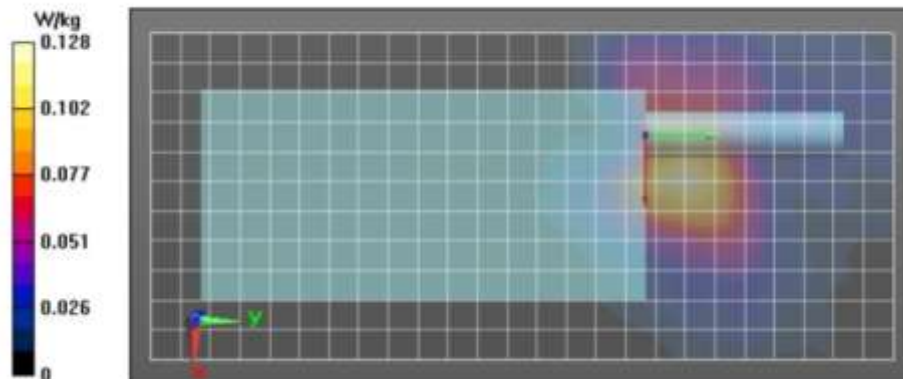
Smallest distance from peaks to all points 3 dB below = 16.7 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 0.130 W/kg

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

Maximum value of SAR (measured) = 0.137 W/kg



## Assessments at the FCC WLAN (U-NII-2C) Face -Table 36

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/29/2021 12:56:14 PM

Robot#: DASY5-PG-2 | Run#: MHI-FACE-210729-08  
 Model#: PMUE5723A  
 Phantom#: ELI4 1109  
 Tissue Temp: 19.5 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5640.0000 (MHz)  
 Battery: PMNN4808A  
 Carry Acc: None  
 Audio Acc: None  
 Start Power: 0.0212 (W)

Comments: Full Scan

Communication System Band: U-NII-2C < 5.65 GHz (5490 - 5650 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5640$  MHz;  $\sigma = 4.81$  S/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5640 MHz, ConvF(4.86, 4.86, 4.86) @ 5640 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 3.932 V/m; Power Drift = 0.25 dB

**Fast SAR: SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.015 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0838 W/kg

**4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (10x10x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.932 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.016 W/kg** (SAR corrected for target medium)

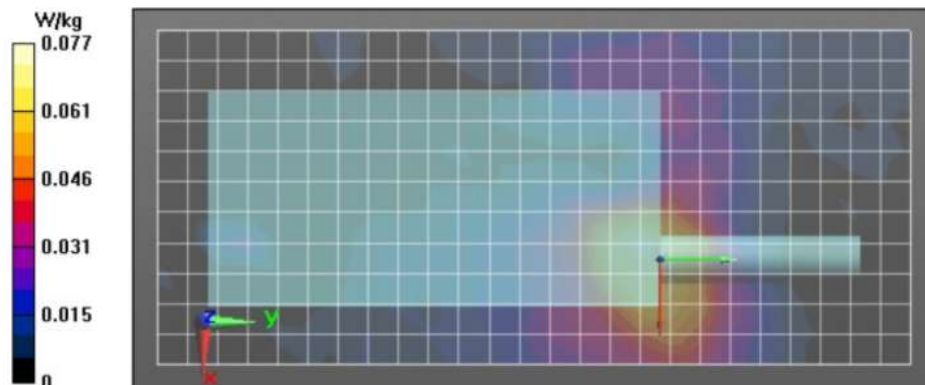
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 0.0799 W/kg

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

Maximum value of SAR (measured) = 0.0733 W/kg



## Assessments at the FCC WLAN (U-NII-3) Body -Table 37

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/31/2021 11:24:12 PM

Robot#: DASY5-PG-2 | Run#: AF(SAN)-AB-210731-05  
 Model#: PMUE5723A  
 Phantom#: ELI5 1150  
 Tissue Temp: 21.3 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5745.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0267 (W)

Comments: Full Scan

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

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 4.908$  S/m;  $\epsilon_r = 38.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

**4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 5.562 V/m; Power Drift = 0.02 dB

**Fast SAR: SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.033 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.174 W/kg

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

Reference Value = 5.562 V/m; Power Drift = -0.36 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.032 W/kg** (SAR corrected for target medium)

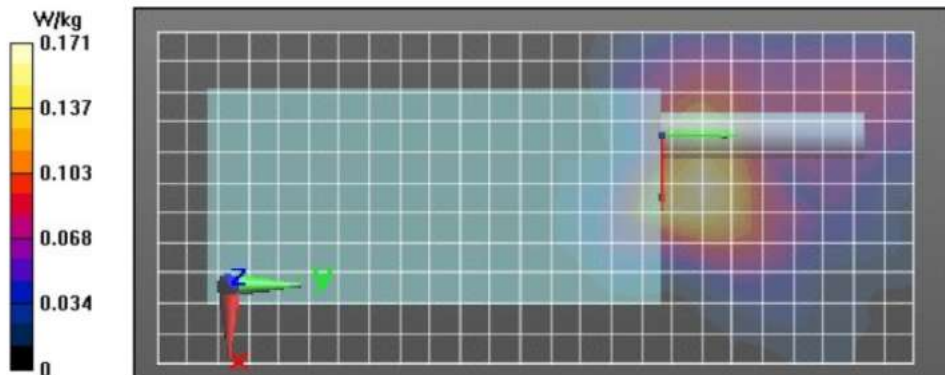
Smallest distance from peaks to all points 3 dB below = 15.9 mm

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 0.169 W/kg

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

Maximum value of SAR (measured) = 0.165 W/kg



## Assessments at the FCC WLAN (U-NII-3) Face -Table 38

### Motorola Solutions, Inc. EME Laboratory Date/Time: 8/3/2021 4:37:21 PM

Robot#: DASY5-PG-2 | Run#: AF-FACE-210803-09#  
 Model#: PMUE5723A  
 Phantom#: ELI5 1150  
 Tissue Temp: 20.8 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5745.0000 (MHz)  
 Battery: PMNN4810A  
 Carry Acc: None  
 Audio Acc: None  
 Start Power: 0.0271 (W)

Comments: Full Scan

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

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 4.757 V/m; Power Drift = -0.19 dB

**Fast SAR: SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.024 W/kg** (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.124 W/kg

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

Reference Value = 4.757 V/m; Power Drift = 0.31 dB

Peak SAR (extrapolated) = 0.275 W/kg

**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.025 W/kg** (SAR corrected for target medium)

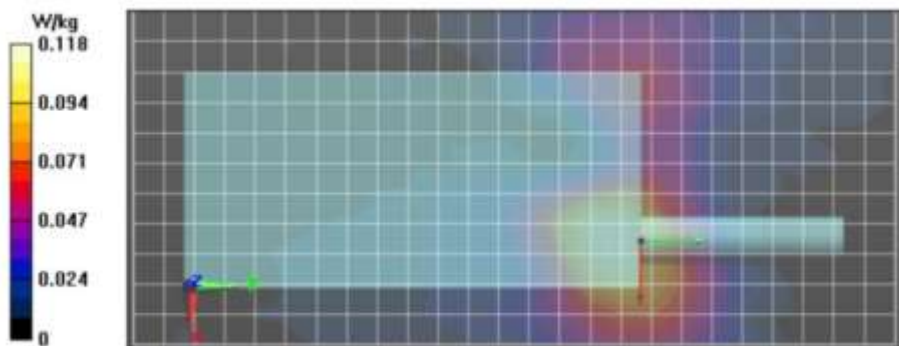
Smallest distance from peaks to all points 3 dB below = 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 41.8%

Maximum value of SAR (measured) = 0.144 W/kg

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

Maximum value of SAR (measured) = 0.112 W/kg



## Assessments at the ISED LMR Body -Table 39

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/5/2021 10:48:49 AM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210805-09  
 Model#: PMUE5723A  
 Phantom#: ELI4 1108  
 Tissue Temp: 19.7 (C)  
 Serial#: 865TXP0193  
 Antenna: PMAE4071A  
 Test Freq: 470.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None(BT)  
 Start Power: 4.75 (W)

**Comments:**

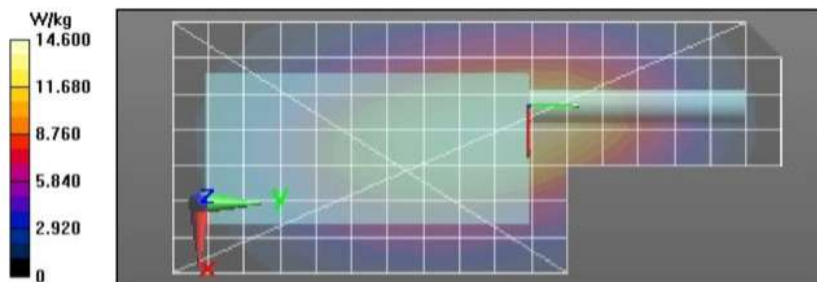
Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 42.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 470 MHz, ConvF(11.86, 11.86, 11.86) @ 470 MHz  
 Electronics: DAF3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 124.4 V/m; Power Drift = -0.38 dB  
**Fast SAR: SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.3 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 14.6 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 = 124.4 V/m; Power Drift = -0.42 dB  
**Fast SAR: SAR(1 g) = 11.7 W/kg; SAR(10 g) = 8.6 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 14.6 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 = 137.2 V/m; Power Drift = -0.35 dB  
 Peak SAR (extrapolated) = 17.3 W/kg  
**SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.34 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 68.8%  
 Maximum value of SAR (measured) = 15.3 W/kg

**Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm,  
 dz=10mm  
 Maximum value of SAR (measured) = 14.6 W/kg



## Assessments at the ISED LMR Face -Table 39

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/6/2021 10:50:38 AM

Robot#: DASY5-PG-3 | Run#: AMN-FACE-210806-09  
 Model#: PMUE5722A  
 Phantom#: ELI4 1103  
 Tissue Temp: 21.1 (C)  
 Serial#: P4N0XP0VGR  
 Antenna: PMAE4070A  
 Test Freq: 450.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: @ front  
 Audio Acc: N/A  
 Start Power: 4.79 (W)

**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.84$  S/m;  $\epsilon_r = 42.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 450 MHz, ConvF(11.86, 11.86, 11.86) @ 450 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

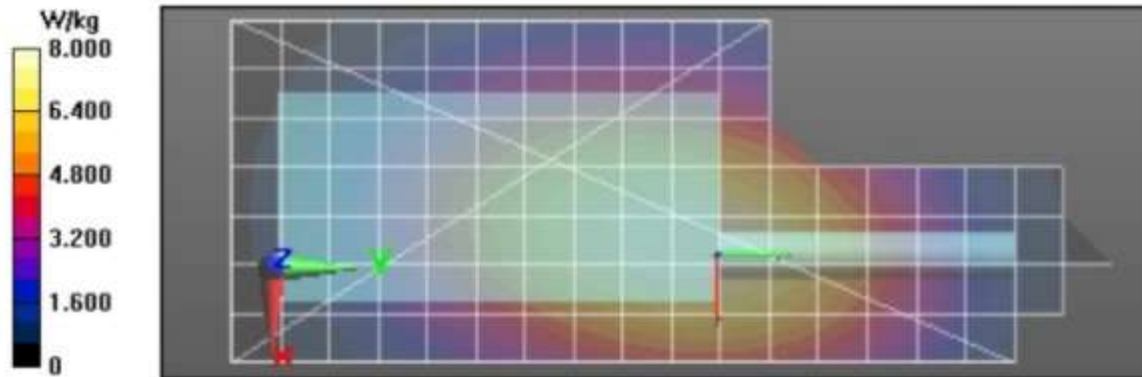
Reference Value = 103.8 V/m; Power Drift = -0.44 dB  
**Fast SAR: SAR(1 g) = 6.82 W/kg; SAR(10 g) = 5 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 8.19 W/kg

**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 = 103.8 V/m; Power Drift = -0.40 dB  
 Peak SAR (extrapolated) = 8.95 W/kg  
**SAR(1 g) = 6.75 W/kg; SAR(10 g) = 5.04 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 73.7%  
 Maximum value of SAR (measured) = 8.12 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) = 7.99 W/kg



## Assessments at the ISED WLAN 2.4GHz Body -Table 39

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/9/2021 4:25:48 PM

Robot#: DASY5-PG-2 | Run#: BL(SAN)-AB-210809-11  
 Model#: PMUE5723A  
 Phantom#: ELI4 1028  
 Tissue Temp: 21.1 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 2412.0000 (MHz)  
 Battery: PMNN4807A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0243 (W)

**Comments:**

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

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  S/m;  $\epsilon_r = 36.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 2412 MHz, ConvF(7.63, 7.63, 7.63) @ 2412 MHz

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

**2-3 GHz-Rev.3/Ab Scan/1-Area Scan (81x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 4.438 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0334 W/kg

**2-3 GHz-Rev.3/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.438 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.012 W/kg (SAR corrected for target medium)

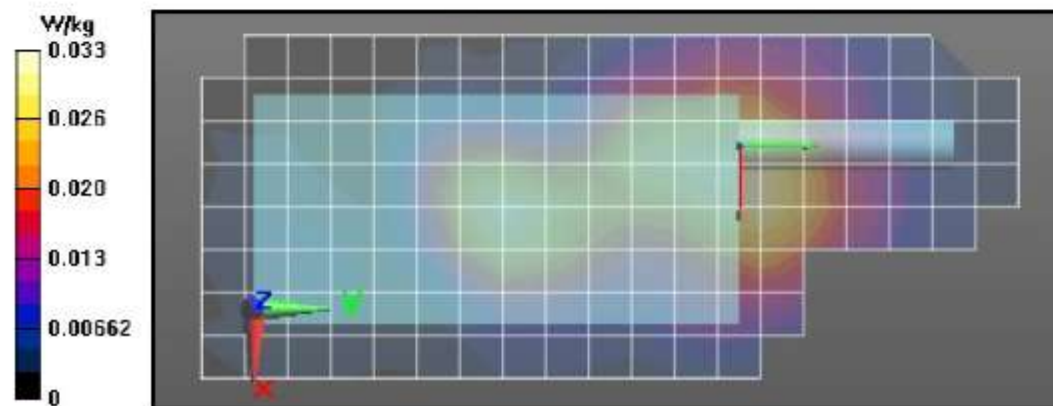
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 0.0330 W/kg

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

Maximum value of SAR (measured) = 0.0322 W/kg





## Assessments at the ISED WLAN 2.4GHz Face -Table 39

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/10/2021 12:50:22 AM

Robot#: DASY5-xxx-x | Run#: MFR-FACE-210810-02#  
 Model#: PMUE5723A  
 Phantom#: ELI4 1028  
 Tissue Temp: 20.3 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 2462.0000 (MHz)  
 Battery: PMNN4810A  
 Carry Acc: None  
 Audio Acc: None  
 Start Power: 0.0218(W)

**Comments:**

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

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 36.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 2462 MHz, ConvF(7.63, 7.63, 7.63) @ 2462 MHz

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

**2-3 GHz-Rev.3/Face Scan/1-Area Scan (81x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 5.595 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.022 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.0606 W/kg

**2-3 GHz-Rev.3/Face Scan/3-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,

dz=5mm

Reference Value = 5.595 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.020 W/kg (SAR corrected for target medium)

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

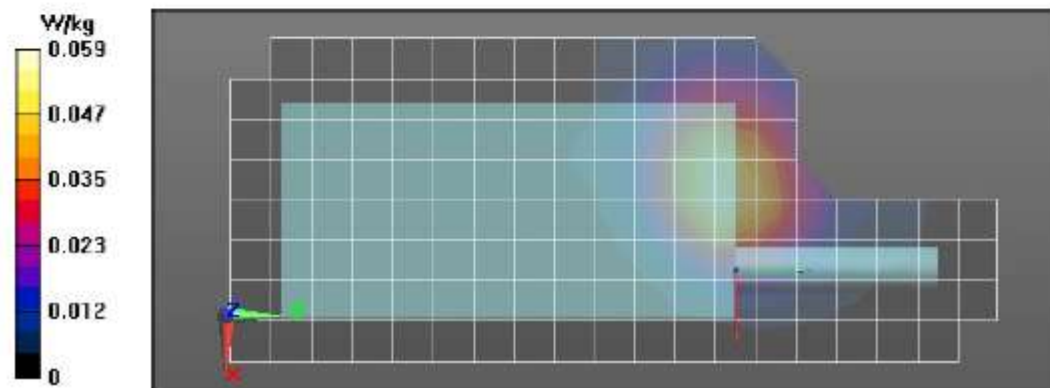
Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 0.0598 W/kg

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

dz=10mm

Maximum value of SAR (measured) = 0.0605 W/kg



## Assessments at the ISED WLAN 5GHz (U-NII-2A) Body -Table 39

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 9/1/2021 1:13:19 AM

Robot#: DASY5-PG-3 | Run#: MA(BAD)-AB-210901-02#  
 Model#: PMUE5723A  
 Phantom#: ELI5 1150  
 Tissue Temp: 19.7 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5260.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0427 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.37$  S/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 5260 MHz, ConvF(5.4, 5.4, 5.4) @ 5260 MHz

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

**4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 10.22 V/m; Power Drift = -0.25 dB

Fast SAR: SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.100 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.478 W/kg

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

Reference Value = 10.22 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.099 W/kg (SAR corrected for target medium)

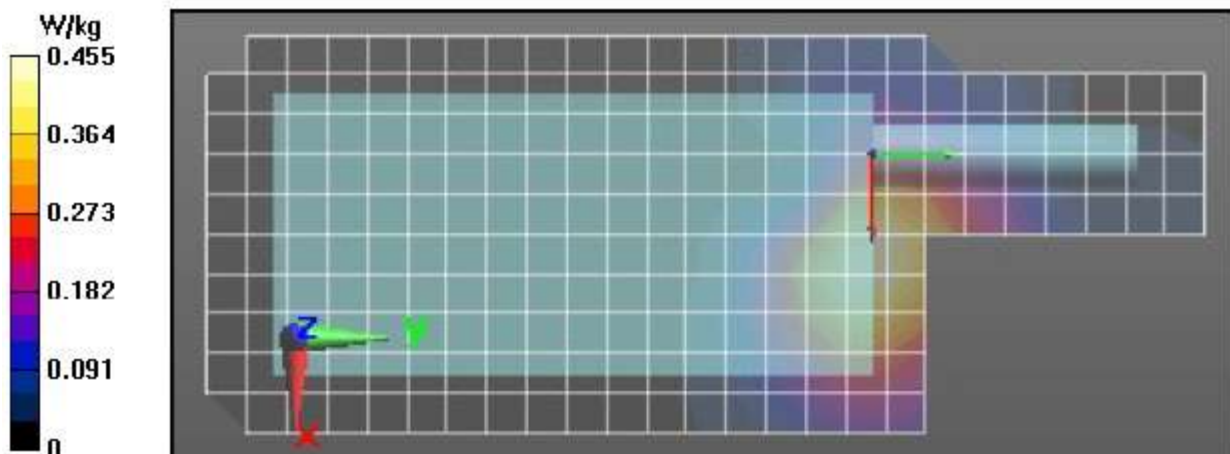
Smallest distance from peaks to all points 3 dB below = 14.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 0.460 W/kg

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

Maximum value of SAR (measured) = 0.475 W/kg



## Assessments at the ISED WLAN 5GHz (U-NII-2A) Face -Table 39

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/6/2021 10:01:19 AM

Robot#: DASY5-PG-2 | Run#: BL(SAN)-FACE-210806-07#  
 Model#: PMUE5723A  
 Phantom#: ELI5 1150  
 Tissue Temp: 20.7 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5320.0000 (MHz)  
 Battery: PMNN4807A  
 Carry Acc: None  
 Audio Acc: None  
 Start Power: 0.0404 (W)

Comments: Full Scan

Communication System Band: U-NII-1, U-NII-2A (5170 - 5330 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.61$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5320 MHz, ConvF(5.38, 5.38, 5.38) @ 5320 MHz

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

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 6.626 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.301 W/kg

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

Reference Value = 6.626 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.060 W/kg (SAR corrected for target medium)

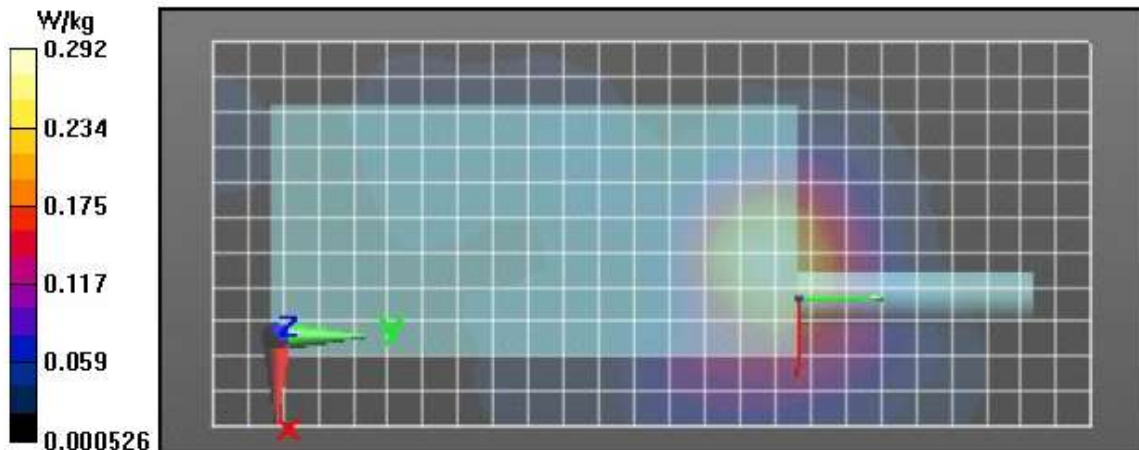
Smallest distance from peaks to all points 3 dB below = 16.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.289 W/kg

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

Maximum value of SAR (measured) = 0.290 W/kg



## Assessments at the ISED WLAN 5GHz (U-NII-2C) Body -Table 39

**Motorola Solutions, Inc. EME Laboratory**

Date/Time: 8/12/2021 2:52:10 PM

Robot#: DASY5-PG-2 | Run#: AF-AB-210812-08#  
 Model#: PMUE5722A  
 Phantom#: ELI5 1150  
 Tissue Temp: 20.1 (C)  
 Serial#: P4N0XP0VGK  
 Antenna: AN000389A01  
 Test Freq: 5640.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0213 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5640$  MHz;  $\sigma = 4.82$  S/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5640 MHz, ConvF(4.86, 4.86, 4.86) @ 5640 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

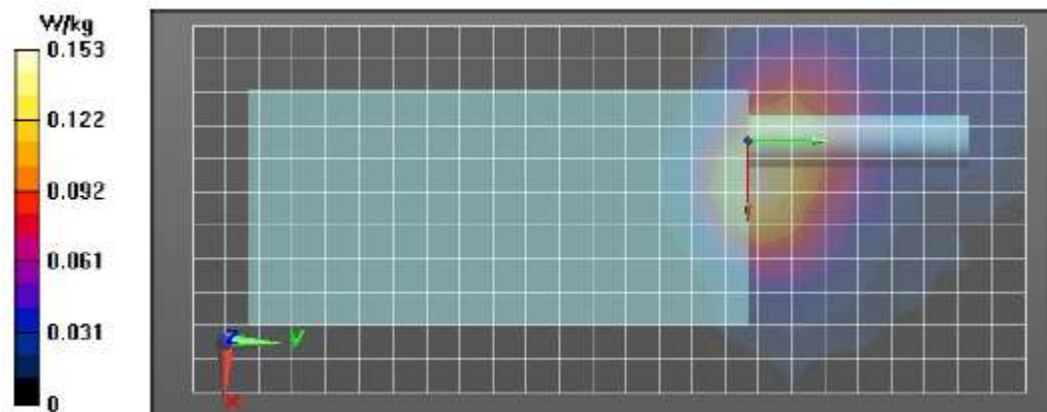
Reference Value = 5.520 V/m; Power Drift = 0.09 dB  
 Fast SAR: SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 0.156 W/kg

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

Reference Value = 5.520 V/m; Power Drift = 0.05 dB  
 Peak SAR (extrapolated) = 0.255 W/kg  
 SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 12.6 mm  
 Ratio of SAR at M2 to SAR at M1 = 53.1%  
 Maximum value of SAR (measured) = 0.160 W/kg

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

Maximum value of SAR (measured) = 0.156 W/kg



## Assessments at the ISED WLAN 5GHz (U-NII-2C) Face -Table 39

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/9/2021 3:11:27 AM

Robot#: DASY5-PG-2 | Run#: MFR-FACE-210809-03#  
 Model#: PMUE5723A  
 Phantom#: ELI5 1150  
 Tissue Temp: 21.0 (C)  
 Serial#: 865TXP0194  
 Antenna: AN000389A01  
 Test Freq: 5640.0000 (MHz)  
 Battery: PMNN4808A  
 Carry Acc: None  
 Audio Acc: None  
 Start Power: 0.0212 (W)

Comments: Full Scan

Communication System Band: U-NII-2C < 5.65 GHz (5490 - 5650 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5640$  MHz;  $\sigma = 4.65$  S/m;  $\epsilon_r = 37.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5640 MHz, ConvF(4.86, 4.86, 4.86) @ 5640 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x251x1):** Interpolated grid:  $dx=0.9000$  mm,  $dy=0.9000$  mm

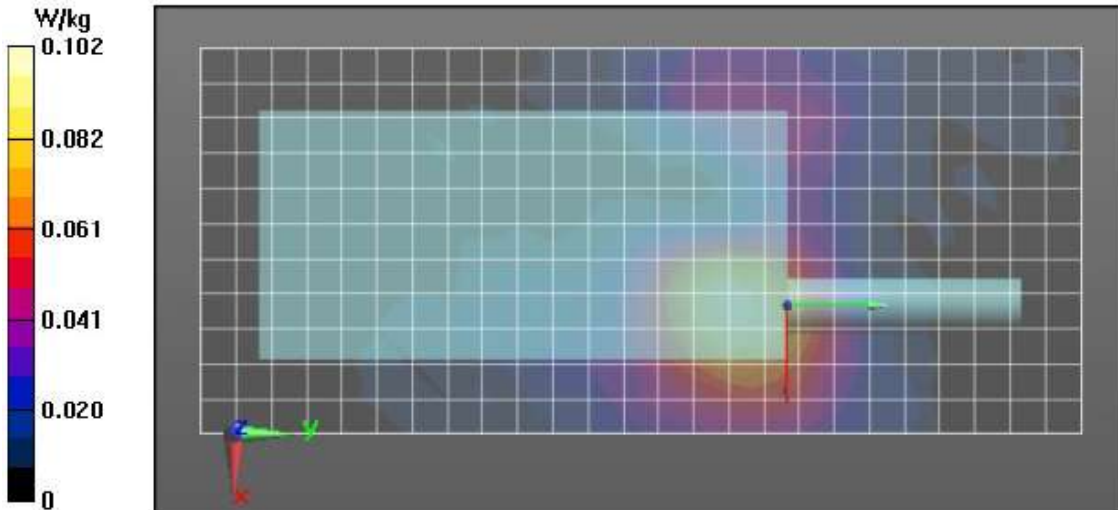
Reference Value = 4.991 V/m; Power Drift = -0.33 dB  
 Fast SAR: SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.020 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 0.105 W/kg

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

Reference Value = 4.991 V/m; Power Drift = -0.25 dB  
 Peak SAR (extrapolated) = 0.192 W/kg  
 SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.022 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 12.8 mm  
 Ratio of SAR at M2 to SAR at M1 = 46.5%  
 Maximum value of SAR (measured) = 0.103 W/kg

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

Maximum value of SAR (measured) = 0.101 W/kg



## Assessments at the ISED WLAN 5GHz (U-NII-3) Body -Table 39

**Motorola Solutions, Inc. EME Laboratory**  
Date Time: 8/13/2021 12:12:48 AM

Robot#: DASY5-PG-2 | Run#: MHI-AB-210813-01#  
 Model#: PMUE5722A  
 Phantom#: ELI5 1150  
 Tissue Temp: 19.6 (C)  
 Serial#: P4N0XP0VH2  
 Antenna: AN000389A01  
 Test Freq: 5660.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None  
 Start Power: 0.0217 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10417 - AAB, Duty Cycle: 1:6.64967,

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 4.62$  S/m;  $\epsilon_r = 37.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Probe: EX3DV4 - SN7534, Calibrated: 4/19/2021, Frequency: 5660 MHz, ConvF(4.86, 4.86, 4.86) @ 5660 MHz  
 Electronics: DAE4 Sn1598, Calibrated: 4/7/2021

**4-6 GHz-Rev.5/Full Ab Scan/1-Area Scan (11x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

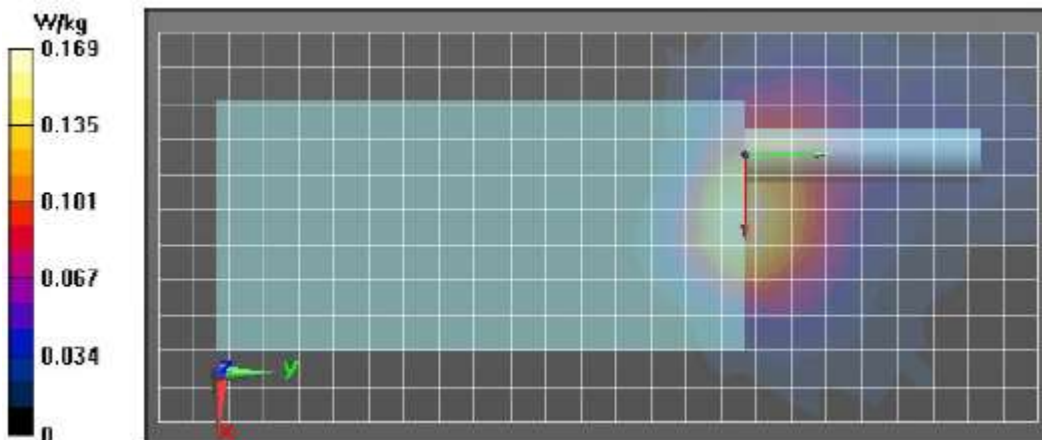
Reference Value = 5.415 V/m; Power Drift = -0.14 dB  
 Fast SAR: SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 0.244 W/kg

**4-6 GHz-Rev.5/Full Ab Scan/2-Zoom Scan (12x10x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.415 V/m; Power Drift = -0.17 dB  
 Peak SAR (extrapolated) = 0.267 W/kg  
 SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.033 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 13.6 mm  
 Ratio of SAR at M2 to SAR at M1 = 51.6%  
 Maximum value of SAR (measured) = 0.174 W/kg

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

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



## Assessments at the ISED WLAN 5GHz (U-NII-3) Face -Table 39

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2021 4:37:21 PM

Robot#: DASY5-PG-2 | Run#: AF-FACE-210803-09#  
 Model#: PMUE5723A  
 Phantom#: ELI5 1150  
 Tissue Temp: 20.8 (C)  
 Serial#: 865TXP0189  
 Antenna: AN000389A01  
 Test Freq: 5745.0000 (MHz)  
 Battery: PMNN4810A  
 Carry Acc: None  
 Audio Acc: None  
 Start Power: 0.0271 (W)

Comments: Full Scan

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

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x251x1):** Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

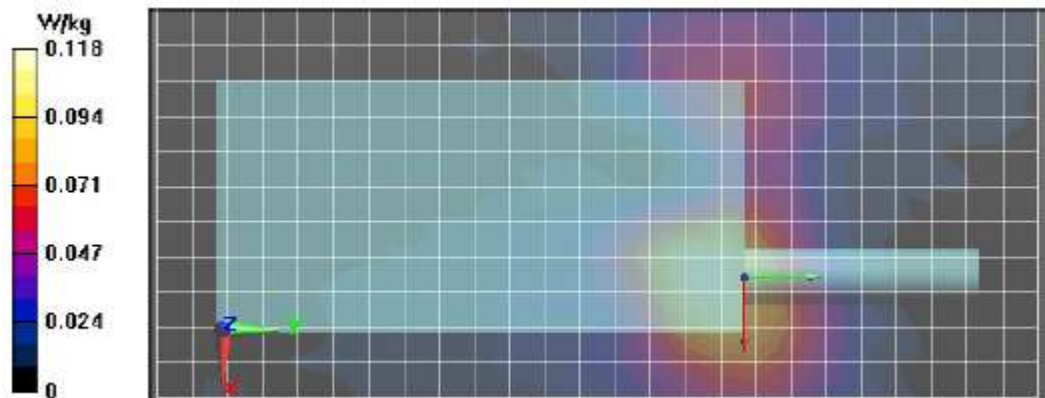
Reference Value = 4.757 V/m; Power Drift = -0.19 dB  
 Fast SAR: SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.024 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 0.124 W/kg

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

Reference Value = 4.757 V/m; Power Drift = 0.31 dB  
 Peak SAR (extrapolated) = 0.275 W/kg  
 SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.025 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below = 12.6 mm  
 Ratio of SAR at M2 to SAR at M1 = 41.8%  
 Maximum value of SAR (measured) = 0.144 W/kg

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

Maximum value of SAR (measured) = 0.112 W/kg



## Assessments at the Body (Outside Part 90) -Table 41

### Motorola Solutions, Inc. EME Laboratory Date/Time: 8/6/2021 9:20:10 AM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210806-07  
 Model#: PMUE5722A  
 Phantom#: ELI4 1103  
 Tissue Temp: 21.0 (C)  
 Serial#: P4N0XP0VGN  
 Antenna: PMAE4071A  
 Test Freq: 519.5000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None (BT)  
 Start Power: 4.80 (W)

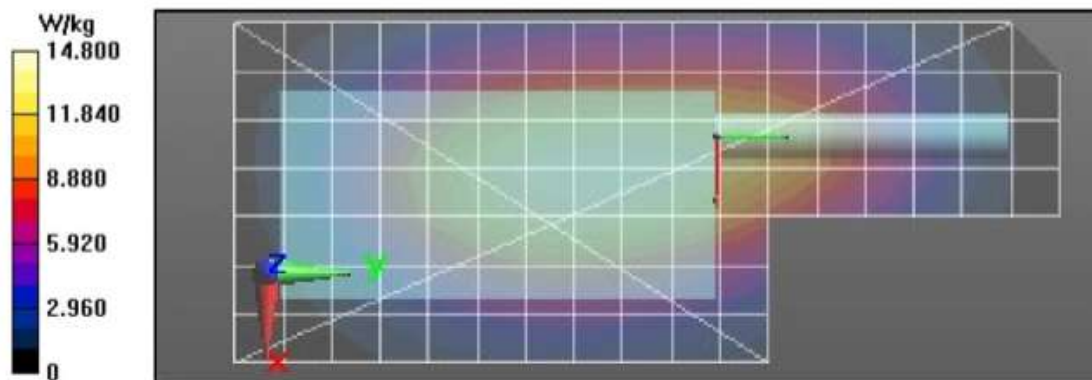
**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 520$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 519.5 MHz, ConvF(11.86, 11.86, 11.86) @ 519.5 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 131.2 V/m; Power Drift = -0.69 dB  
**Fast SAR: SAR(1 g) = 11.7 W/kg; SAR(10 g) = 8.54 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 14.9 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 = 131.2 V/m; Power Drift = -0.63 dB  
 Peak SAR (extrapolated) = 16.4 W/kg  
**SAR(1 g) = 11.6 W/kg; SAR(10 g) = 8.48 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 72.8%  
 Maximum value of SAR (measured) = 14.9 W/kg

**Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 14.5 W/kg





## Assessments at the Face (Outside Part 90) -Table 41

### Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2021 10:52:56 AM

Robot#: DASY5-PG-3 | Run#: AMN-FACE-210803-11  
 Model#: PMUE5723A  
 Phantom#: ELI4 1103  
 Tissue Temp: 20.0 (C)  
 Serial#: 865TXP0188  
 Antenna: PMAE4071A  
 Test Freq: 519.5000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: @ front  
 Audio Acc: N/A  
 Start Power: 4.80 (W)

**Comments:**

Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 520$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 519.5 MHz, ConvF(11.86, 11.86, 11.86) @ 519.5 MHz  
 Electronics: DAE3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x181x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

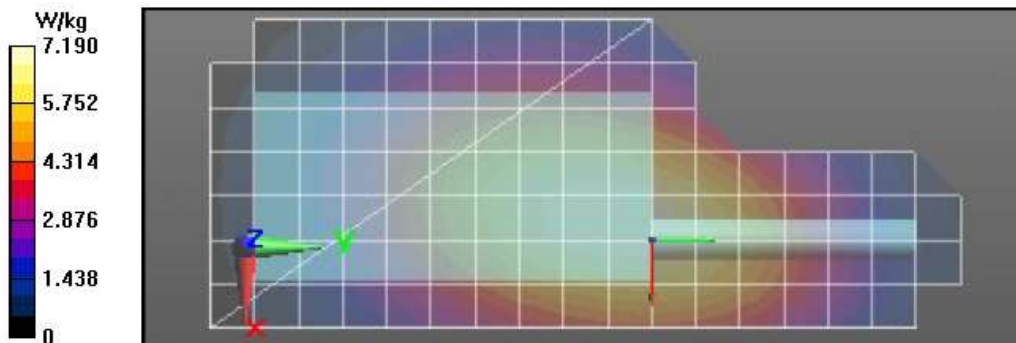
Reference Value = 95.25 V/m; Power Drift = -0.28 dB  
 Fast SAR: SAR(1 g) = 5.96 W/kg; SAR(10 g) = 4.35 W/kg (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 7.35 W/kg

**Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 95.25 V/m; Power Drift = -0.35 dB  
 Peak SAR (extrapolated) = 8.36 W/kg  
 SAR(1 g) = 6.12 W/kg; SAR(10 g) = 4.59 W/kg (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 72.9%  
 Maximum value of SAR (measured) = 7.53 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) = 7.44 W/kg



## Appendix G Table 42 (Shortened Scan of Highest SAR configuration)

**Motorola Solutions, Inc. EME Laboratory**  
Date/Time: 8/5/2021 10:48:49 AM

Robot#: DASY5-PG-3 | Run#: AMN-AB-210805-09  
 Model#: PMUE5723A  
 Phantom#: ELI4 1108  
 Tissue Temp: 19.7 (C)  
 Serial#: 865TXP0193  
 Antenna: PMAE4071A  
 Test Freq: 470.0000 (MHz)  
 Battery: PMNN4809A  
 Carry Acc: HLN6602A  
 Audio Acc: None(BT)  
 Start Power: 4.75 (W)

**Comments:**

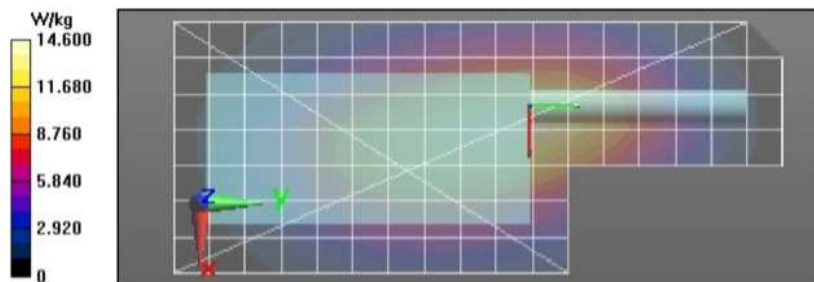
Communication System Band: Rajang UHF, Communication System UID: 0, Duty Cycle: 1:1,  
 Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 42.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Probe: EX3DV4 - SN7533, Calibrated: 4/19/2021, Frequency: 470 MHz, ConvF(11.86, 11.86, 11.86) @ 470 MHz  
 Electronics: DAF3 Sn374, Calibrated: 4/8/2021

**Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Reference Value = 124.4 V/m; Power Drift = -0.38 dB  
**Fast SAR: SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.3 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 14.6 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 = 124.4 V/m; Power Drift = -0.42 dB  
**Fast SAR: SAR(1 g) = 11.7 W/kg; SAR(10 g) = 8.6 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (interpolated) = 14.6 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 = 137.2 V/m; Power Drift = -0.35 dB  
 Peak SAR (extrapolated) = 17.3 W/kg  
**SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.34 W/kg** (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
 Ratio of SAR at M2 to SAR at M1 = 68.8%  
 Maximum value of SAR (measured) = 15.3 W/kg

**Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
 Maximum value of SAR (measured) = 14.6 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)	41	7	6.30
Full scan (area & zoom)	25	30	6.13

**Appendix H**  
**DUT Test Position Photos**

**Photos available in Exhibit 7B**

**Appendix I**  
**DUT, Body worn and audio accessories Photos**

**Photos available in Exhibit 7B**