MOTOROLA SOLUTIONS

MS ISO/IEC 17025
TESTING
SAMM No.0826

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

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

Date of Report: 08/24/2018
Report Revision: B

Responsible Engineer:	Ch'ng Jian Sheng (EME Engineer)
Report Author:	Ch'ng Jian Sheng (EME Engineer)
Date/s Tested:	07/24/2018 – 07/27/2018, 08/03/2018 - 08/05/2018
Manufacturer:	Motorola Solutions Inc
DUT Description:	T503 Consumer Radio 462-467 MHz ORANGE; T600 Consumer Radio 462-467 MHz Impact Green
Test TX mode(s):	CW (PTT)
Max. Power output:	2.00W (462.5500 – 462.7250 MHz), 0.50W (467.5625 – 467.7125 MHz)
Nominal Power:	1.80W (462.5500 – 462.7250 MHz), 0.40W (467.5625 – 467.7125 MHz)
Tx Frequency Bands:	462.5500 – 462.7250 MHz, 467.5625 - 467.7125 MHz
Signaling type:	FM
Model(s) Tested:	T6B22201GWRAAW (PMUE4915B), T5B22201EWRAAW (PMUE5289B)
Model(s) Certified:	T6B22201GWRAAW (PMUE4915B), T5B22201EWRAAW (PMUE5289B), T6B22201GWCAAG (PMUE4915B)
Serial Number(s):	1754RV0003, 1754RV0009
Classification:	General Population/Uncontrolled
FCC ID:	AZ489FT4950
IC:	109U-89FT4950
ISED Test Site registration:	109AK
FCC Test Firm Registration Number:	823256

The test results clearly demonstrate compliance with FCC General Population / Uncontrolled RF Exposure limits of 1.6 W/kg averaged over 1 gram per the requirements of FCC 47 CFR § 2.1093 and ISED RSS-102 (Issue 5).

Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report. This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory.
I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.

Tiong Nguk Ing
Digitally signed by Tiong Nguk Ing
Date: 2018.08.24 13:02:34 +08'00'

Tiong Nguk Ing
Deputy Technical Manager (Approved Signatory)
Approval Date: 8/24/2018

Appendix E
System Verification Check Scans

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/24/2018 2:45:45 PM

Robot#: DASY5-PG-4 | Run:	ZZ-SYSP-450B-180724-01
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	20.7 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.053 dB
Adjusted SAR (1W):	4.64 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.93 S/m; ε_r = 54.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 450 MHz, ConvF(6.95, 6.95, 6.95); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

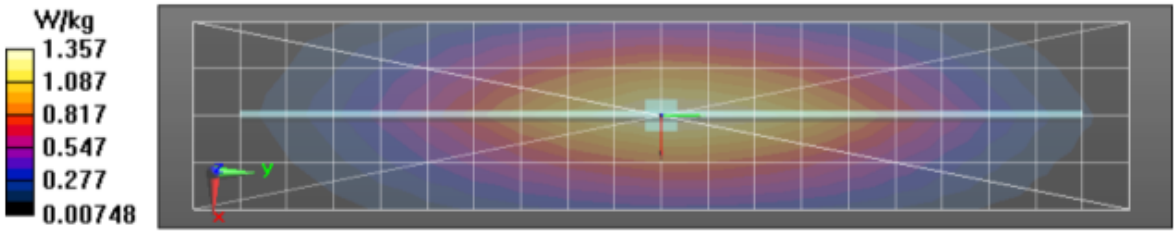
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

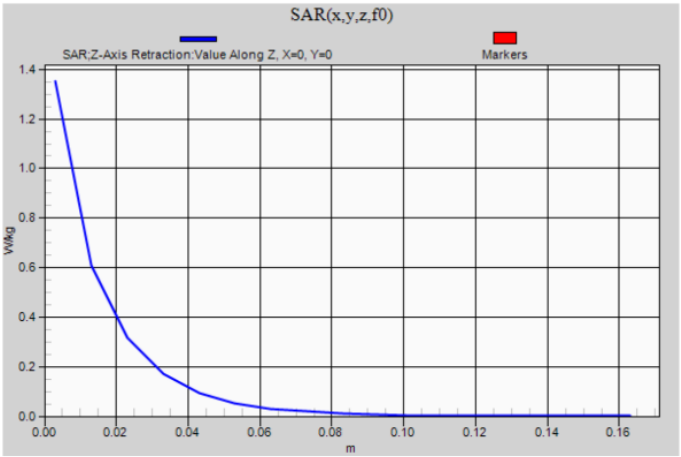
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.47 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.830 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.36 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.47 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.768 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.35 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/25/2018 3:10:29 PM

Robot#: DASY5-PG-4 | Run:	ZZ-SYSP-450B-180725-12
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	20.1 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.053 dB
Adjusted SAR (1W):	4.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 450 MHz, ConvF(6.95, 6.95, 6.95); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

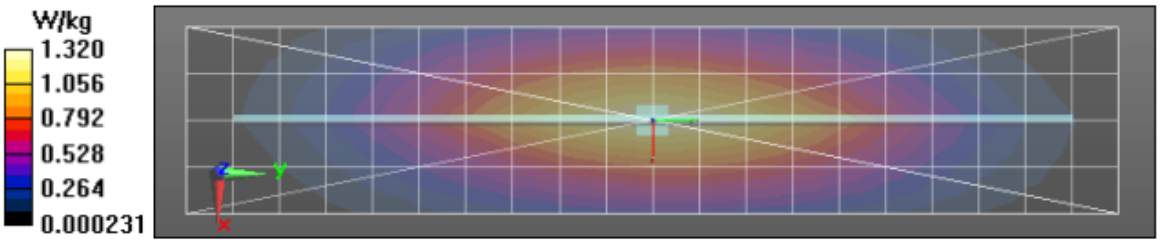
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

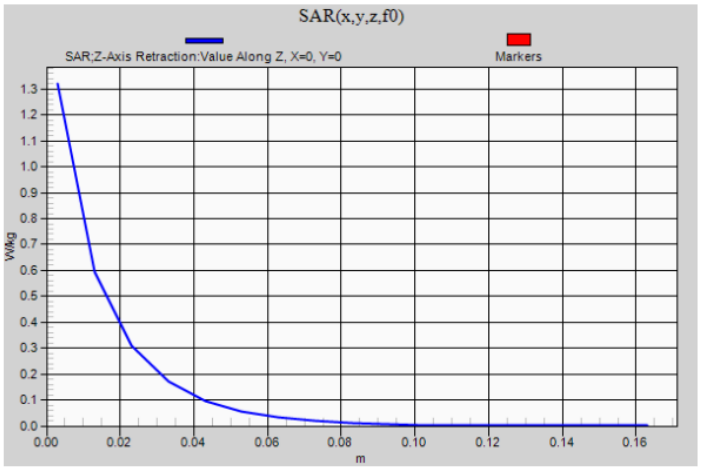
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.45 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.818 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.31 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.45 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.766 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.32 W/kg

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/26/2018 8:21:33 AM

Robot#: DASY5-PG-4 | Run:	ZZ-SYSP-450H-180726-05
Dipole Model#	D450V3
Phantom#:	ELI4 1016
Tissue Temp:	20.9 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.051dB
Adjusted SAR (1W):	4.68 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.9 S/m; ε_r = 42.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 450 MHz, ConvF(6.8, 6.8, 6.8); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

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

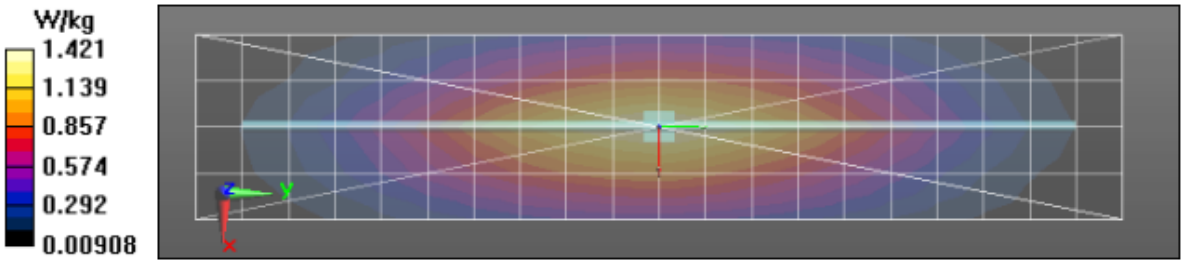
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.16 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.842 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.42 W/kg

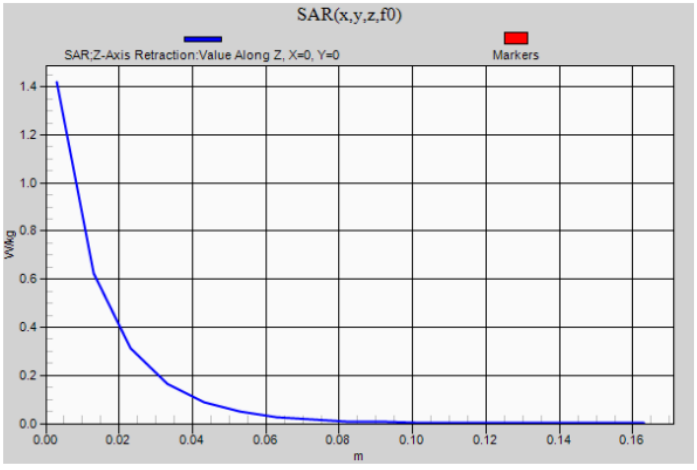
Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.16 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.775 W/kg (SAR corrected for target medium)

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

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/27/2018 7:59:57 AM

Robot#: DASY5-PG-4 | Run:	ZZ-SYSP-450H-180727-07
Dipole Model#	D450V3
Phantom#:	ELI4 1016
Tissue Temp:	21.1 (C)
Serial#:	1054
Test Freq:	450.0000 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.047 dB
Adjusted SAR (1W):	4.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 41.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 450 MHz, ConvF(6.8, 6.8, 6.8); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

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

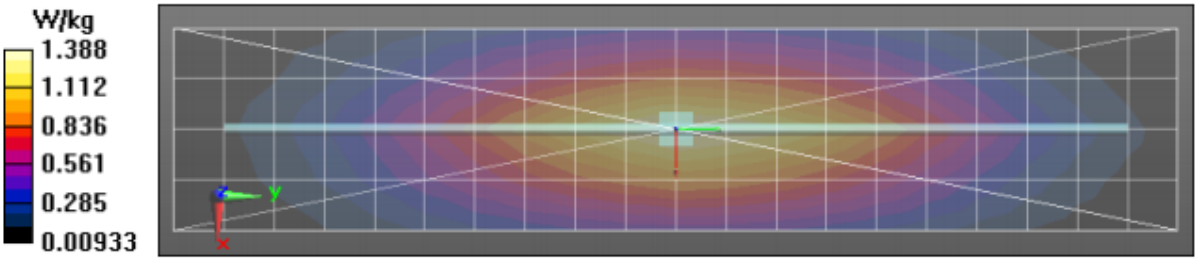
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.02 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.828 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.39 W/kg

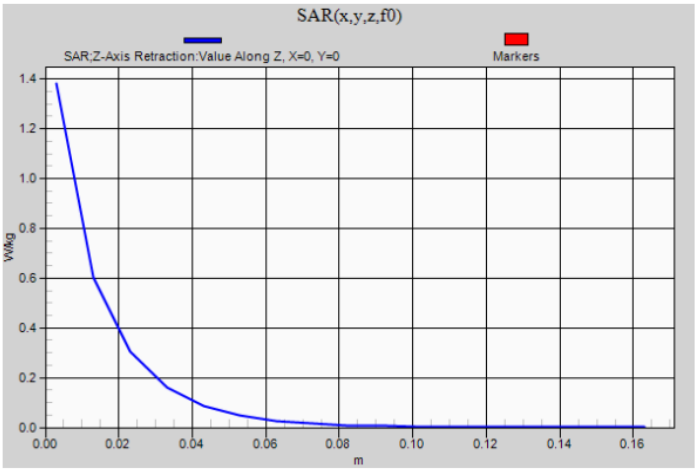
Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.02 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.759 W/kg (SAR corrected for target medium)

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

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.38 W/kg





Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/2/2018 3:06:26 PM

Robot#: DASY5-PG-3 | Run#:	FD(JY)-SYSP-450B-180802-02
Dipole Model#	D450V3
Phantom#:	ELI5 1147
Tissue Temp:	21.1 (C)
Serial#:	1054
Test Freq:	450 (MHz)
Start Power:	250 (mW)
Rotation (1D):	0.029dB
Adjusted SAR (1W):	4.60 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.95 S/m; ε_r = 55.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 450 MHz, ConvF(11.68, 11.68, 11.68); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

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

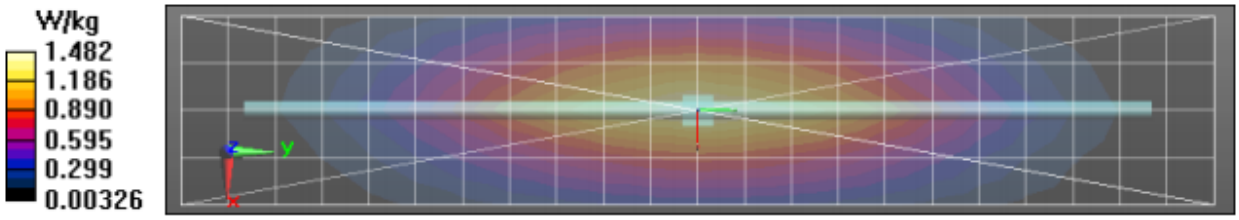
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.91 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.838 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.49 W/kg

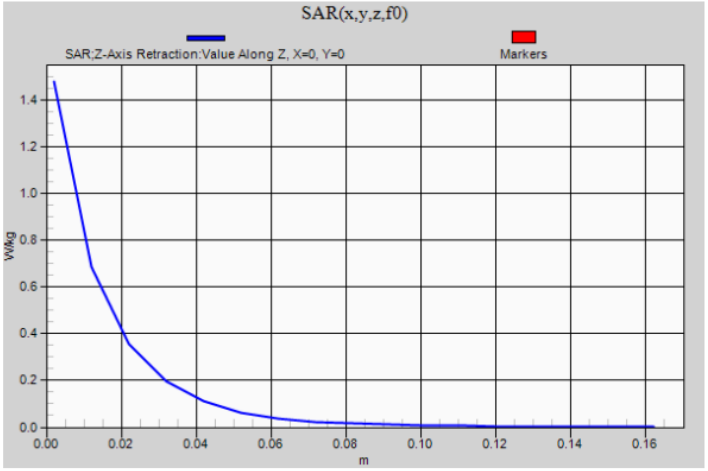
Below 2 GHz-Rev.2/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.91 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.778 W/kg (SAR corrected for target medium)

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

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





Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2018 4:47:53 PM

Robot#: DASY5-PG-3 | Run#: FD-SYSP-450B-180803-05
Dipole Model# D450V3
Phantom#: ELI5 1147
Tissue Temp: 21.5 (C)
Test Freq: 450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.033 dB
Adjusted SAR (1W): 4.72 mW/g (1g)

Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.95 S/m; ε_r = 55.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 450 MHz, ConvF(11.68, 11.68, 11.68); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

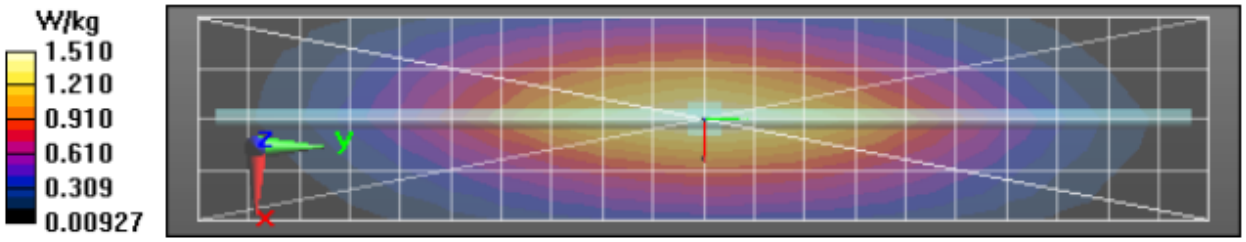
Below 2 GHz-Rev.2/System Performance Check/Dipole Area Scan 2 (41x201x1):

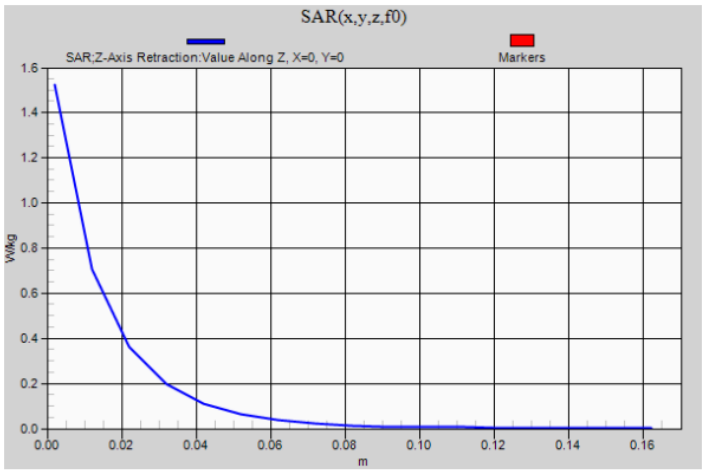
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.30 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.858 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.52 W/kg

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.30 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.796 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.52 W/kg

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





Appendix F
DUT Scans

Assessments at the Body - Table 18

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2018 12:33:55 AM

Robot#: DASY5-PG-4 | Run#:	FAZ-AB-180725-01#
Model#:	T600 (PMUE4915B)
Phantom#:	ELI5 1147
Tissue Temp:	20.5 (C)
Serial#:	1754RV0009
Antenna:	EAN.144F.823RA1
Test Freq:	462.6375 (MHz)
Battery:	3x AA Alkaline
Carry Acc:	PMLN7240A
Audio Acc:	53725C
Start Power:	1.62 (W)

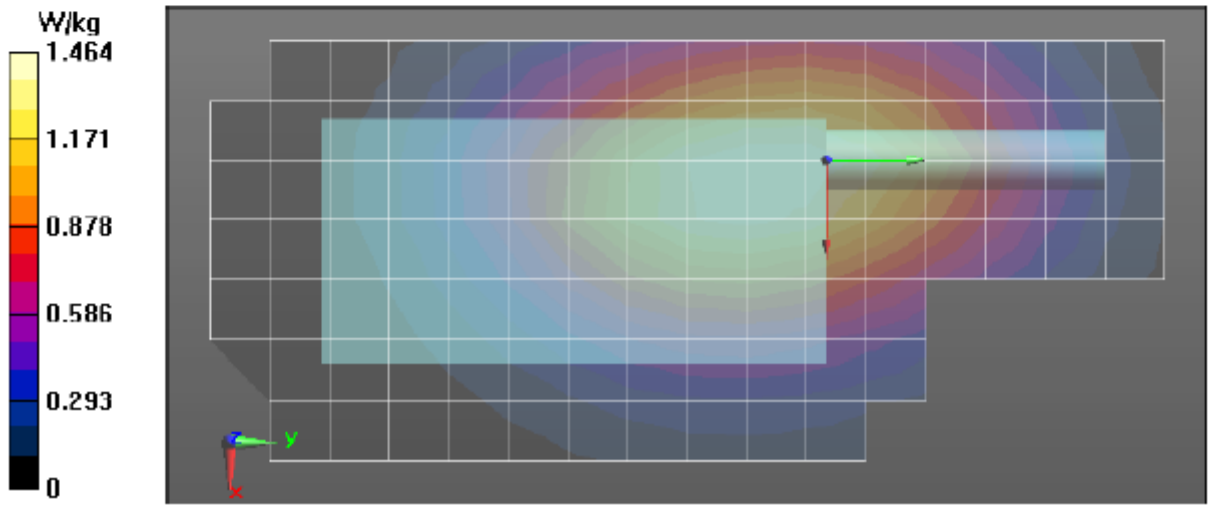
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 463 MHz; σ = 0.94 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 462.637 MHz, ConvF(6.95, 6.95, 6.95); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.57 V/m; Power Drift = -0.66 dB
Fast SAR: SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.974 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.50 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.57 V/m; Power Drift = -0.84 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.920 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.40 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.37 W/kg



Assessments at the Body - Table 19

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2018 3:13:00 AM

Robot#: DASY5-PG-4 | Run#:	FAZ-AB-180725-05#
Model#:	T600 (PMUE4915B)
Phantom#:	ELI5 1147
Tissue Temp:	20.6 (C)
Serial#:	1754RV0009
Antenna:	EAN.144F.823RA1
Test Freq:	462.6375 (MHz)
Battery:	KEBT-1300
Carry Acc:	PMLN7706AR
Audio Acc:	53725C
Start Power:	1.45 (W)

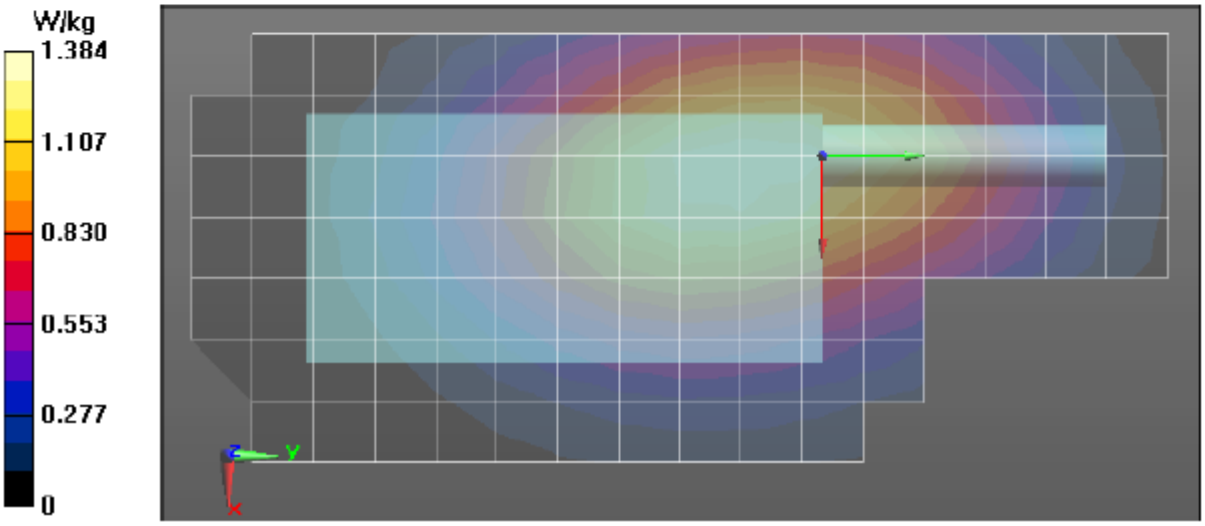
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 463 MHz; σ = 0.94 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 462.637 MHz, ConvF(6.95, 6.95, 6.95); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.45 V/m; Power Drift = -0.27 dB
Fast SAR: SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.909 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.40 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.45 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.890 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.35 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.34 W/kg



Assessment at the Body – Table 20

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/3/2018 11:18:45 AM

Robot#: DASY5-PG-3 | Run#:	FD-AB-180803-02#
Model#:	T600 (PMUE4915B)
Phantom#:	ELI5 1147
Tissue Temp:	21.9 (C)
Serial#:	1754RV0009
Antenna:	EAN.144F.823RA1
Test Freq:	462.6375 (MHz)
Battery:	KEBT-1300
Carry Acc:	PMLN7220A
Audio Acc:	53725C
Start Power:	1.45 (W)

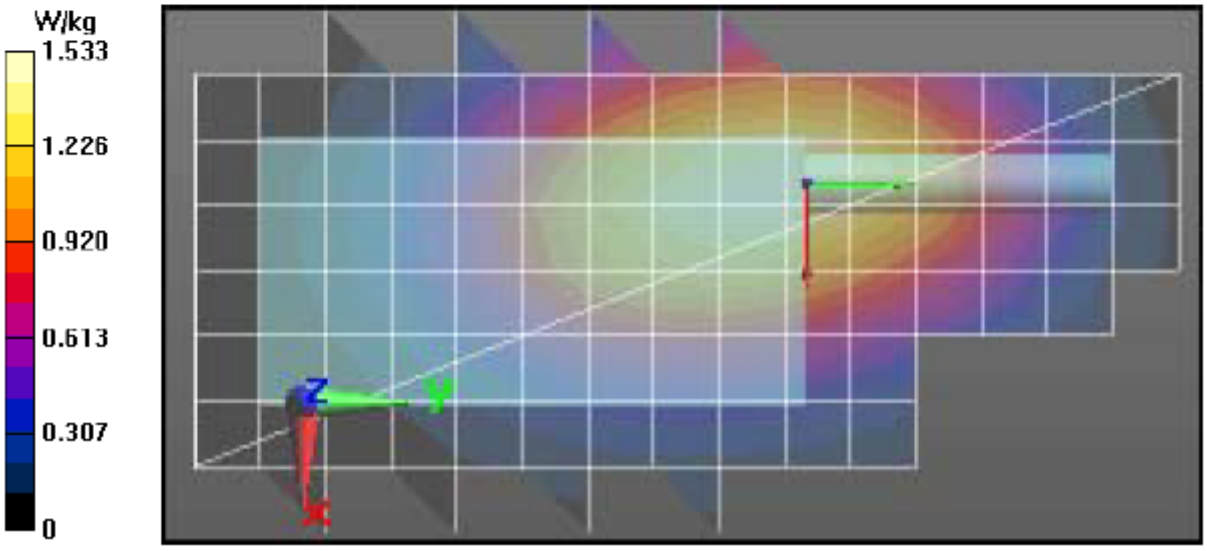
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 463 MHz; σ = 0.97 S/m; ε_r = 55.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 462.637 MHz, ConvF(11.68, 11.68, 11.68); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.76 V/m; Power Drift = -0.41 dB
Fast SAR: SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.949 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.56 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.76 V/m; Power Drift = -0.52 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.925 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.50 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.48 W/kg



Assessments at the Body - Table 21

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/3/2018 6:11:03 PM

Robot#: DASY5-PG-3 | Run#:	FD-AB-180803-07
Model#:	T600 (PMUE4915B)
Phantom#:	ELI5 1147
Tissue Temp:	21.7 (C)
Serial#:	1754RV0009
Antenna:	EAN.144F.823RA1
Test Freq:	462.6375 (MHz)
Battery:	KEBT-1300
Carry Acc:	PMLN7220A
Audio Acc:	GU6443A (1518)
Start Power:	1.45 (W)

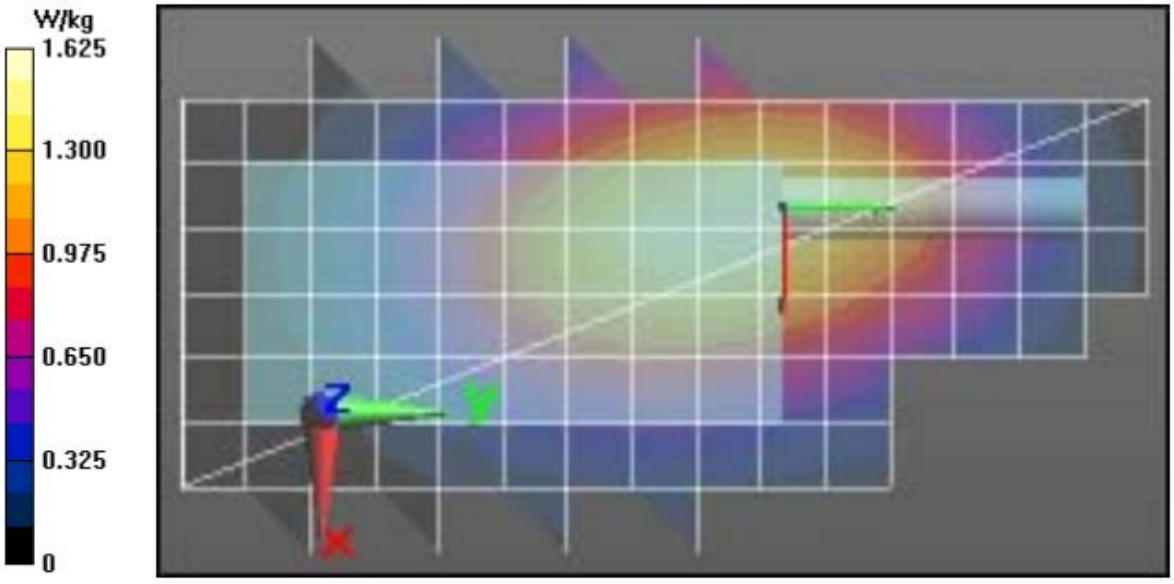
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 463 MHz; σ = 0.96 S/m; ε_r = 55.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 462.637 MHz, ConvF(11.68, 11.68, 11.68); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.82 V/m; Power Drift = -0.46 dB
Fast SAR: SAR(1 g) = 1.38 W/kg; SAR(10 g) = 1 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.64 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.82 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.969 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.55 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.51 W/kg



Assessments at the Face - Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/27/2018 9:33:10 AM

obot#: DASY5-PG-4 | Run#:	ZZ-FACE-180727-09
Model#:	T503 (PMUE5289B)
Phantom#:	ELI4 1016
Tissue Temp:	21.1 (C)
Serial#:	1754RV0003
Antenna:	EAN.144F.823RA1
Test Freq:	462.6375 (MHz)
Battery:	KEBT-1300
Carry Acc:	@ front
Audio Acc:	N/A
Start Power:	1.43 (W)

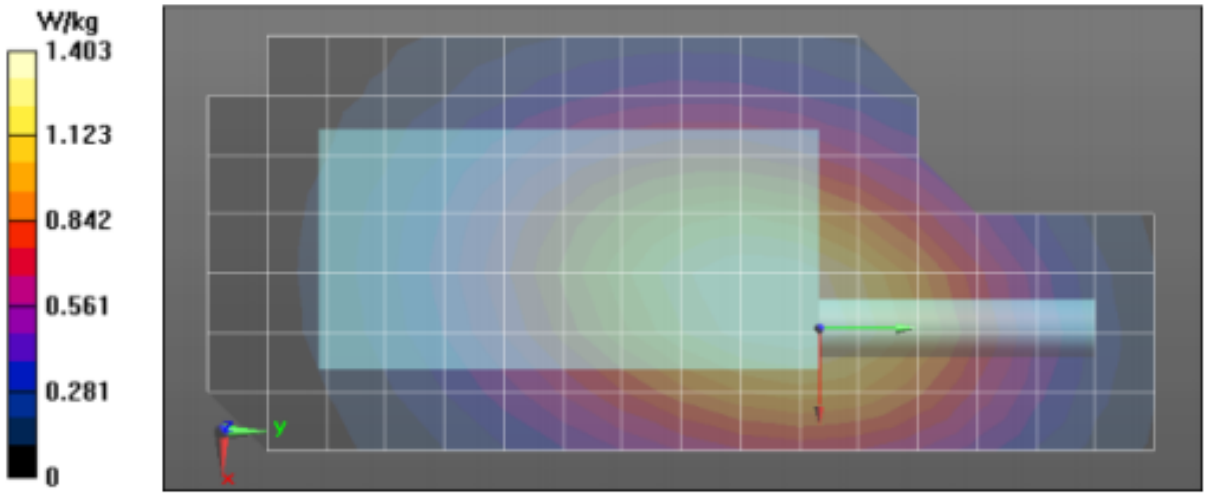
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 463 MHz; σ = 0.9 S/m; ε_r = 41.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 462.637 MHz, ConvF(6.8, 6.8, 6.8); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.59 V/m; Power Drift = -0.24 dB
Fast SAR: SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.946 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.45 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.59 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.905 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.42 W/kg

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



Assessments at the Body - Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2018 9:21:22 AM

Robot#: DASY5-PG-4 | Run#:	ZZ-AB-180725-07#
Model#:	T600 (PMUE4915B)
Phantom#:	ELI5 1147
Tissue Temp:	20.4 (C)
Serial#:	1754RV0009
Antenna:	EAN.144F.823RA1
Test Freq:	467.6375 (MHz)
Battery:	3x AA Alkaline Battery
Carry Acc:	PMLN7240A
Audio Acc:	53725C
Start Power:	0.425 (W)

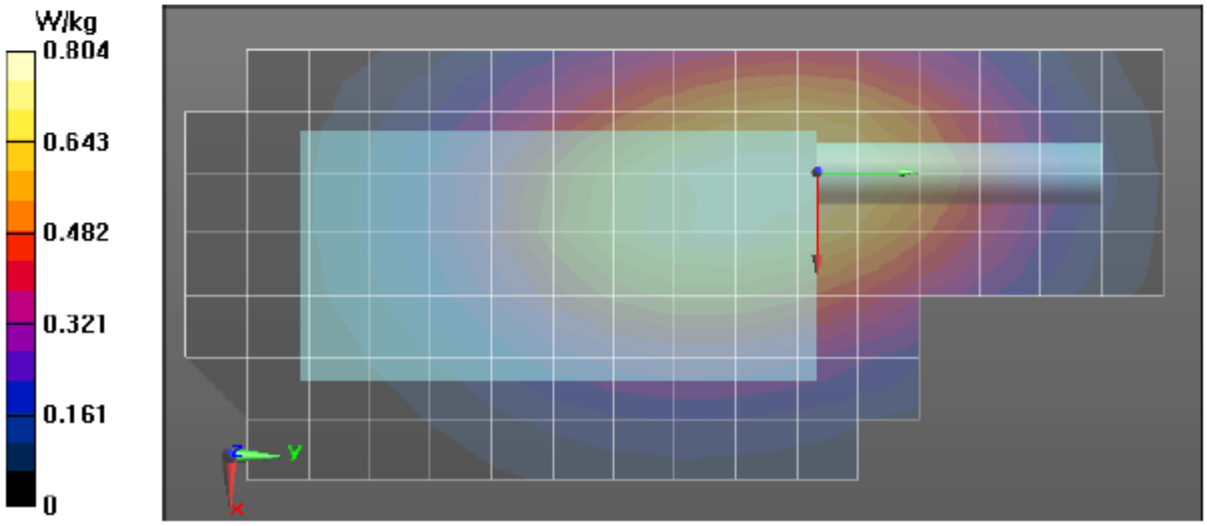
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 468 MHz; σ = 0.94 S/m; ε_r = 54.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 467.637 MHz, ConvF(6.95, 6.95, 6.95); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 28.94 V/m; Power Drift = -0.53 dB
Fast SAR: SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.532 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.819 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.94 V/m; Power Drift = -0.68 dB
Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.511 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.776 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.763 W/kg



Assessments at the Body - Table 26

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/26/2018 1:53:36 AM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-180726-02#
Model#:	T600 (PMUE4915B)
Phantom#:	ELI5 1147
Tissue Temp:	20.0 (C)
Serial#:	1754RV0009
Antenna:	EAN.144F.823RA1
Test Freq:	467.6375 (MHz)
Battery:	KEBT-1300
Carry Acc:	PMLN7706AR
Audio Acc:	53725C
Start Power:	0.326 (W)

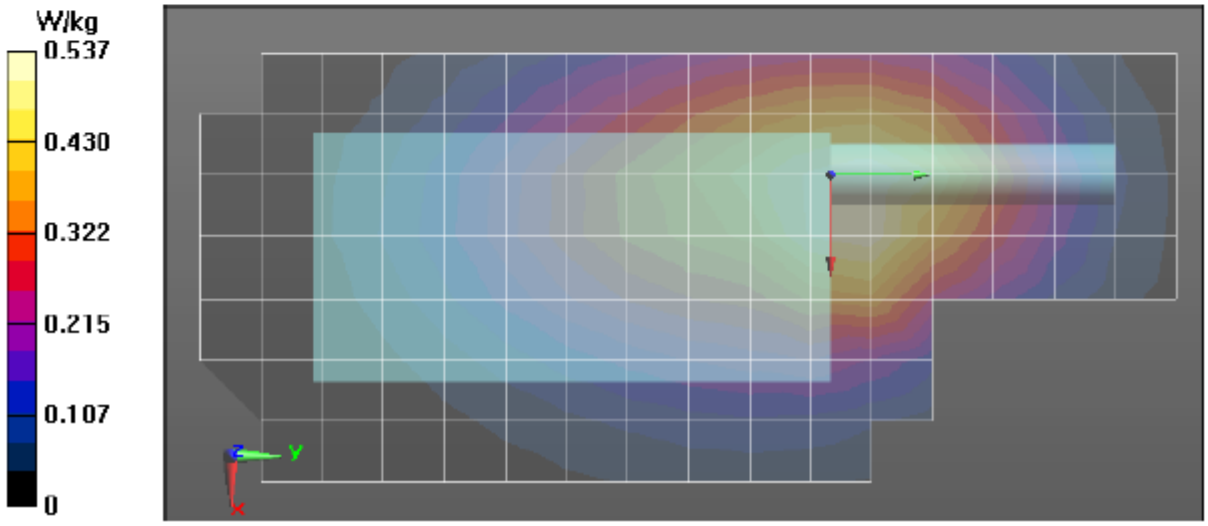
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 468 MHz; σ = 0.92 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 467.637 MHz, ConvF(6.95, 6.95, 6.95); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.14 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.360 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.560 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.14 V/m; Power Drift = -0.56 dB
Peak SAR (extrapolated) = 0.972 W/kg
SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.341 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.625 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.652 W/kg



Assessments at the Body - Table 27

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2018 1:06:04 PM

Robot#: DASY5-PG-3 | Run#: AM-AB-180805-06
Model#: T503 (PMUE5289B)
Phantom#: ELI5 1147
Tissue Temp: 20.7 (C)
Serial#: 1754RV0003
Antenna: EAN.144F.823RA1
Test Freq: 467.6375 (MHz)
Battery: KEBT-1300
Carry Acc: PMLN7220A
Audio Acc: 53725C
Start Power: 0.336 (W)

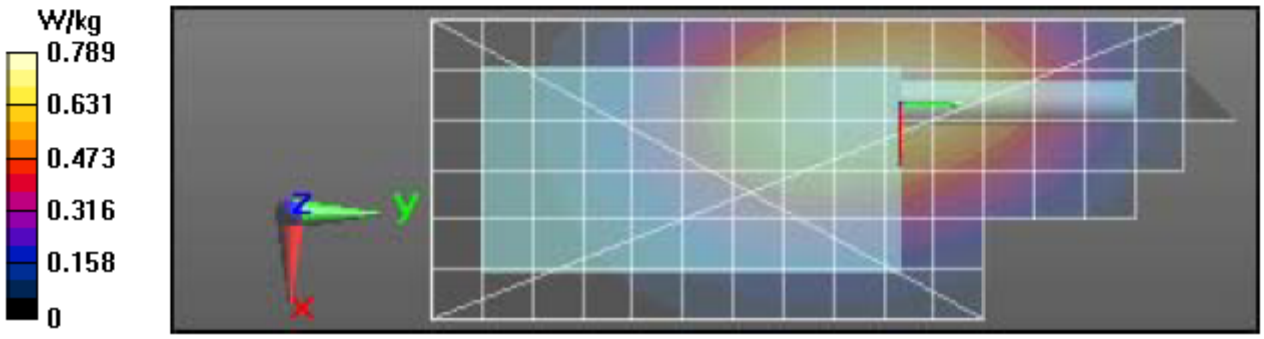
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 468 MHz; σ = 0.93 S/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 467.637 MHz, ConvF(11.68, 11.68, 11.68); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 29.46 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.497 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.814 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.46 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.491 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.787 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.777 W/kg



Assessments at the Face - Table 29

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/26/2018 1:39:24 PM

Robot#: DASY5-PG-4 | Run#:	ZZ-FACE-180726-11
Model#:	T600 (PMUE4915B)
Phantom#:	ELI4 1016
Tissue Temp:	21.0 (C)
Serial#:	1754RV0009
Antenna:	EAN,144F.823RA1
Test Freq:	467.6375 (MHz)
Battery:	PMNN4477A
Carry Acc:	@ front
Audio Acc:	N/A
Start Power:	0.329 (W)

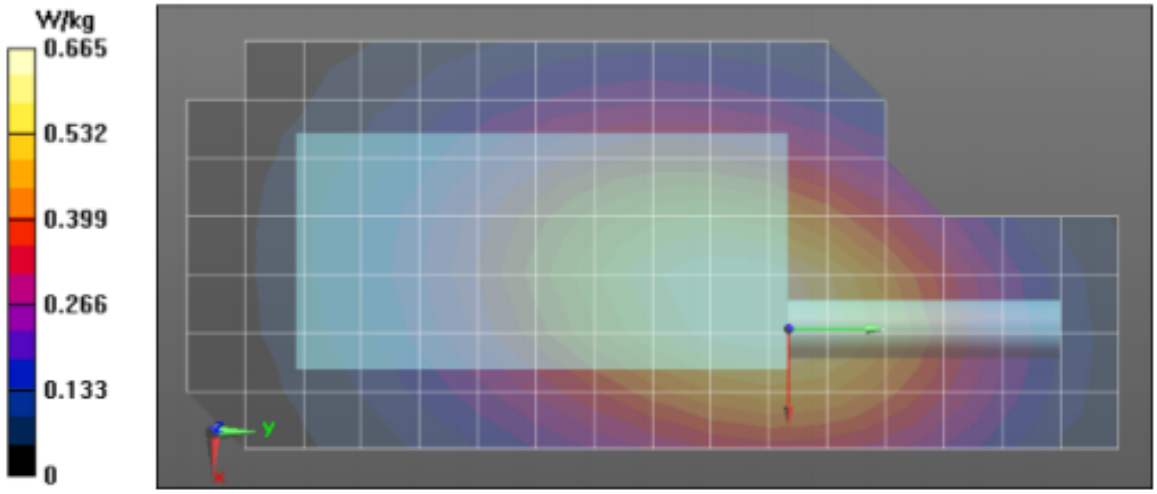
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 468 MHz; σ = 0.91 S/m; ε_r = 41.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 467.637 MHz, ConvF(6.8, 6.8, 6.8); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.55 V/m; Power Drift = -0.47 dB
Fast SAR: SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.448 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.688 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.55 V/m; Power Drift = -0.62 dB
Peak SAR (extrapolated) = 0.814 W/kg
SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.415 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.645 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.631 W/kg



APPENDIX G
Shortened Scan of Highest SAR configuration

Shortened Scan
Table 30

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/4/2018 12:14:46 AM

Robot#: DASY5-PG-3 | Run#: AN-AB-180804-01#
Model#: T600 (PMUE4915B)
Phantom#: ELI5 1147
Tissue Temp: 22.0 (C)
Serial#: 1754RV0009
Antenna: EAN.144F.823RA1
Test Freq: 462.6375 (MHz)
Battery: KEBT-1300
Carry Acc: PMLN7220A
Audio Acc: GU6443A (1518)
Start Power: 1.45 (W)

Comments: Shorten Scan

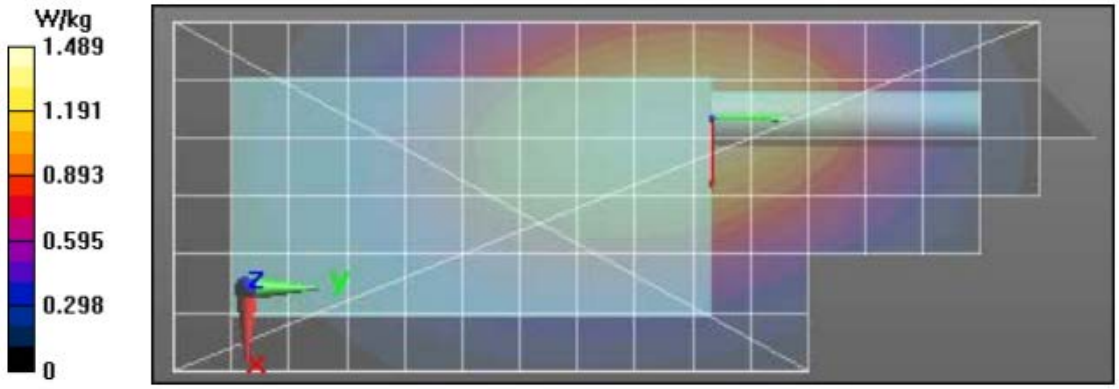
Duty Cycle: 1:1, Medium parameters used: f = 463 MHz; σ = 0.96 S/m; ε_r = 55.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 462.637 MHz, ConvF(11.68, 11.68, 11.68); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.96 V/m; Power Drift = -0.47 dB
Fast SAR: SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.917 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.51 W/kg

Below 2 GHz-Rev.2/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm, dy=0.7500 mm, dz=1.000 mm
Reference Value = 39.96 V/m; Power Drift = -0.55 dB
Fast SAR: SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.903 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.45 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.34 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 1 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.60 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.42 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)	30	8	1.03
Full scan (area & zoom)	21	22	1.04

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