Appendix D

DUT Scans (LMR)

Assessments VHF at the Body with Body worn PMLN7947A w/ NTN8266B
Table 5

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/26/2018 4:38:50 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-181226-17
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.9 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	6.45 (W)

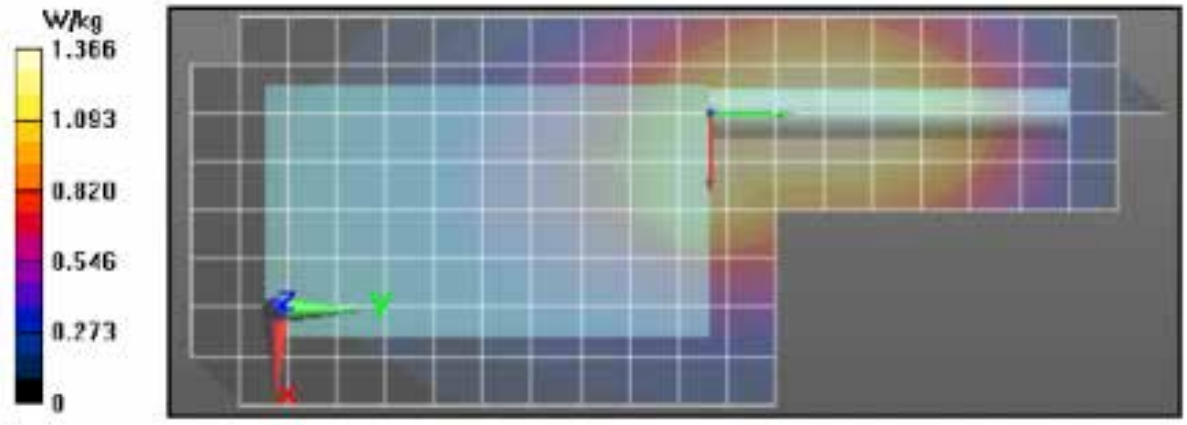
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.84 S/m; ε_r = 58.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.57 V/m; Power Drift = -0.21 dB
Fast SAR: SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.915 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.37 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.57 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.885 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.36 W/kg

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



Assessments VHF at the Body with Body worn PMLN7947A w/ PMLN7965A
Table 6

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/27/2018 5:18:16 AM

Robot#: DASY5-PG-3 | Run#:	FD-AB-181227-07#
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.9 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	6.51 (W)

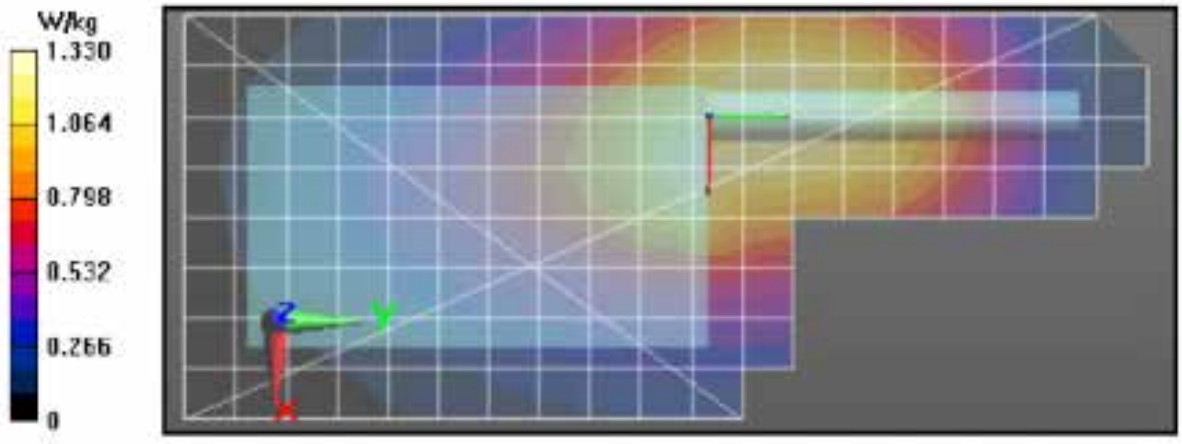
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.84 S/m; ε_r = 58.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.92 V/m; Power Drift = -0.52 dB
Fast SAR: SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.884 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.34 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.92 V/m; Power Drift = -0.51 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.857 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.30 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) = 1.32 W/kg



Assessments VHF at the Body with Body worn PMLN7948A w/ NTN8266B
Table 7

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/27/2018 2:55:18 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-181227-15
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.8 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	6.44 (W)

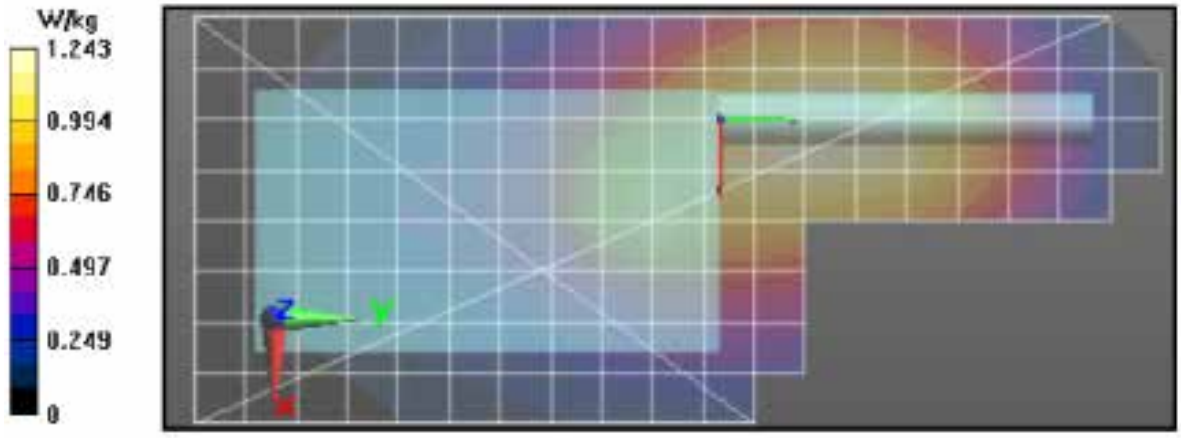
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.8 S/m; ε_r = 59.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.59 V/m; Power Drift = -0.42 dB
Fast SAR: SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.834 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.25 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 = 38.59 V/m; Power Drift = -0.42 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.810 W/kg (SAR corrected for target medium)

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) = 1.23 W/kg



Assessments VHF at the Body with Body worn PMLN7948A w/ PMLN7965A
Table 8

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/27/2018 9:51:13 PM

Robot#: DASY5-PG-3 | Run#:	FD-AB-181227-20
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.8 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	6.49 (W)

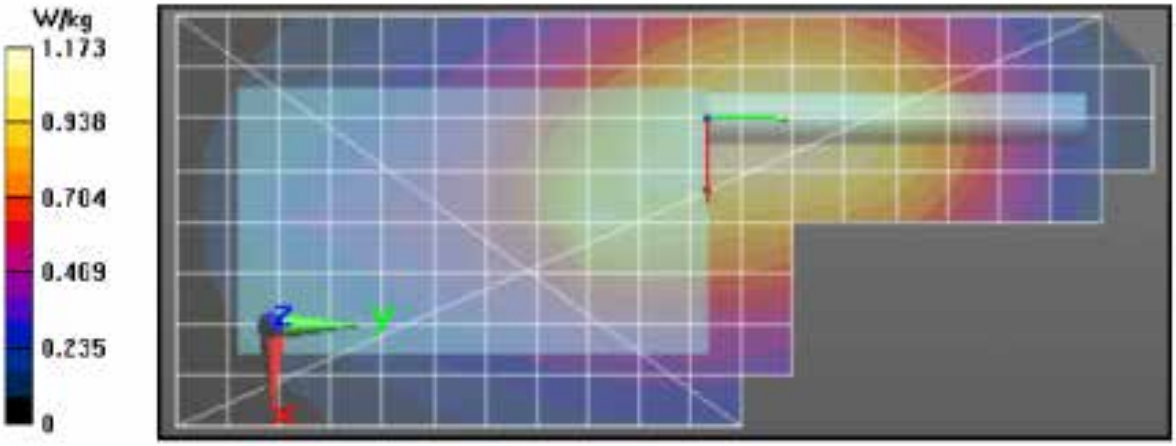
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.8 S/m; ε_r = 59.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.42 V/m; Power Drift = -0.97 dB
Fast SAR: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.791 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.19 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 = 41.42 V/m; Power Drift = -0.97 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.778 W/kg (SAR corrected for target medium)

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



Assessments VHF at the Body with Body worn PMLN7948A w/ PMLN5407A
Table 9

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/28/2018 2:18:18 AM

Robot#: DASY5-PG-3 | Run#:	FD-AB-181228-03#
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.7 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	6.49 (W)

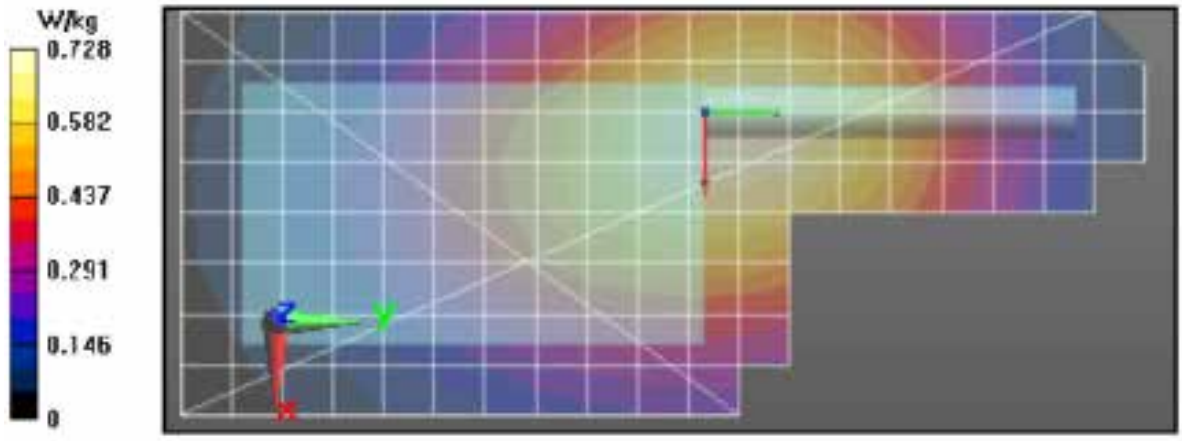
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.8 S/m; ε_r = 59.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 32.61 V/m; Power Drift = -0.81 dB
Fast SAR: SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.496 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.738 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 = 32.61 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 0.832 W/kg
SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.504 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.735 W/kg

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



Assessments VHF at the Body with Body worn PMLN7948A w/ PMLN5408A
Table 10

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/28/2018 7:16:14 AM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-181228-07#
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.9 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	6.40 (W)

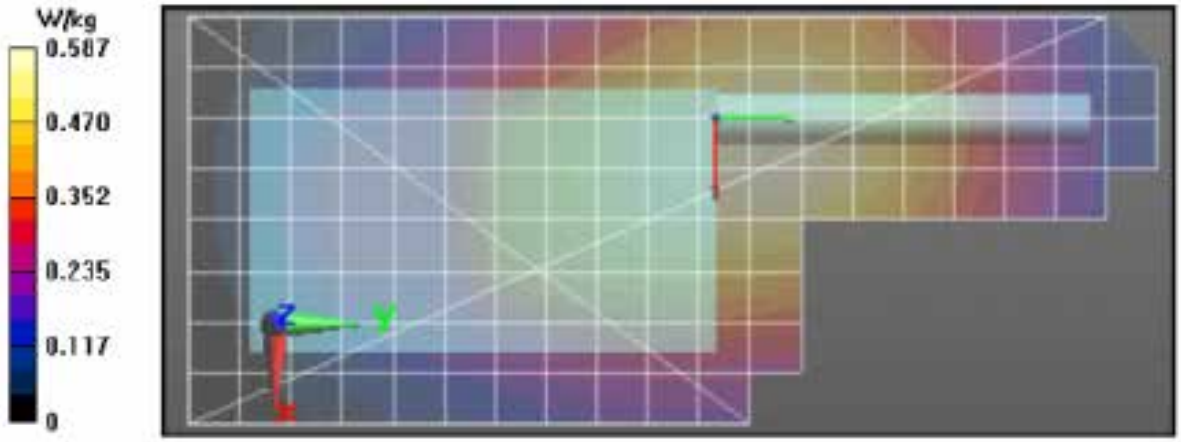
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.8 S/m; ε_r = 59.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 27.83 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.402 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.595 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 = 27.83 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.408 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.588 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) = 0.586 W/kg



Assessments VHF at the Body with Body worn PMLN7948A w/ PMLN5409A
Table 11

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/28/2018 11:47:07 PM

Robot#: DASY5-PG-3 | Run#:	FD-AB-181228-16
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.5 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	6.49 (W)

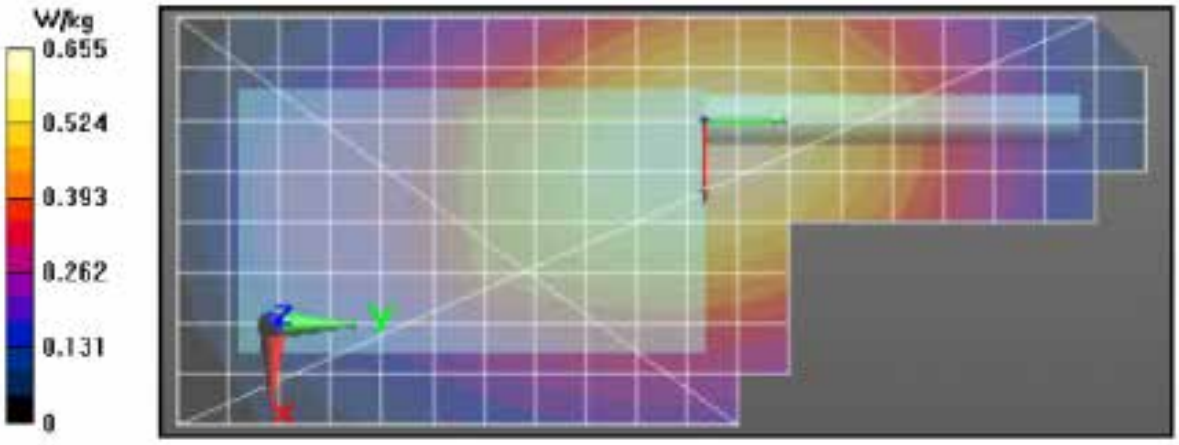
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.78 S/m; ε_r = 58.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 31.36 V/m; Power Drift = -0.85 dB
Fast SAR: SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.448 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.659 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 = 31.36 V/m; Power Drift = -0.97 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.444 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.637 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) = 0.630 W/kg



Assessments VHF at the Body with Body worn PMLN7964A w/ NTN8266B
Table 12

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/29/2018 3:46:59 AM

Robot#: DASY5-PG-3 | Run#:	FD-AB-181229-05#
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.5 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	6.50 (W)

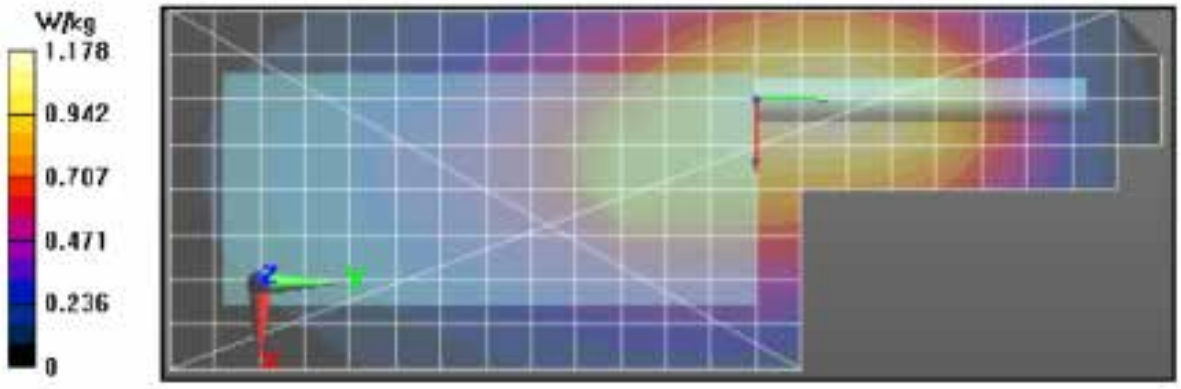
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.78 S/m; ε_r = 58.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 40.36 V/m; Power Drift = -0.60 dB
Fast SAR: SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.797 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.18 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 = 40.36 V/m; Power Drift = -0.56 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.787 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.17 W/kg

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



Assessments VHF at the Body with Body worn PMLN7964A w/ PMLN7965A
Table 13

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/2/2019 7:15:28 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-190102-06
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.2 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	6.39 (W)

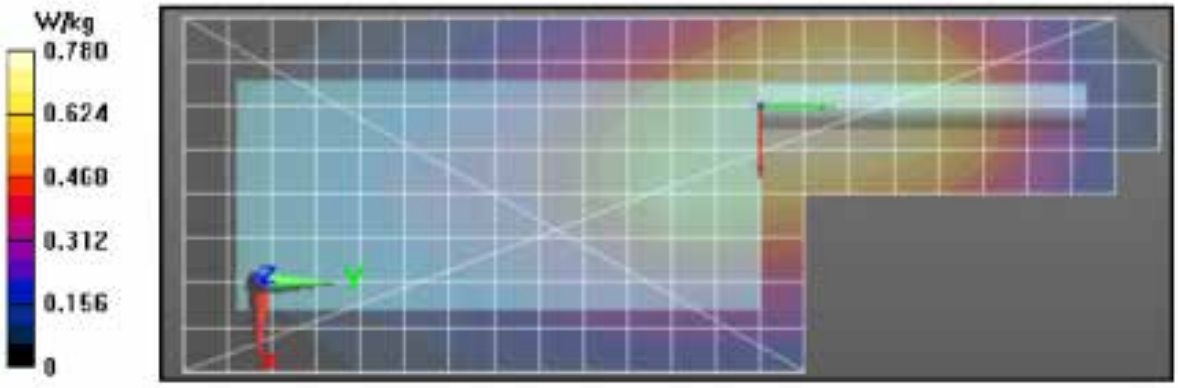
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.79 S/m; ε_r = 59.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 33.77 V/m; Power Drift = -1.00 dB
Fast SAR: SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.526 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.785 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 = 33.77 V/m; Power Drift = -0.98 dB
Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.514 W/kg (SAR corrected for target medium)

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) = 0.772 W/kg



Assessments VHF at the Body with Body worn PMLN7964A w/ PMLN5407A
Table 14

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 1:04:43 AM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-190103-02#
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.0 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	6.36 (W)

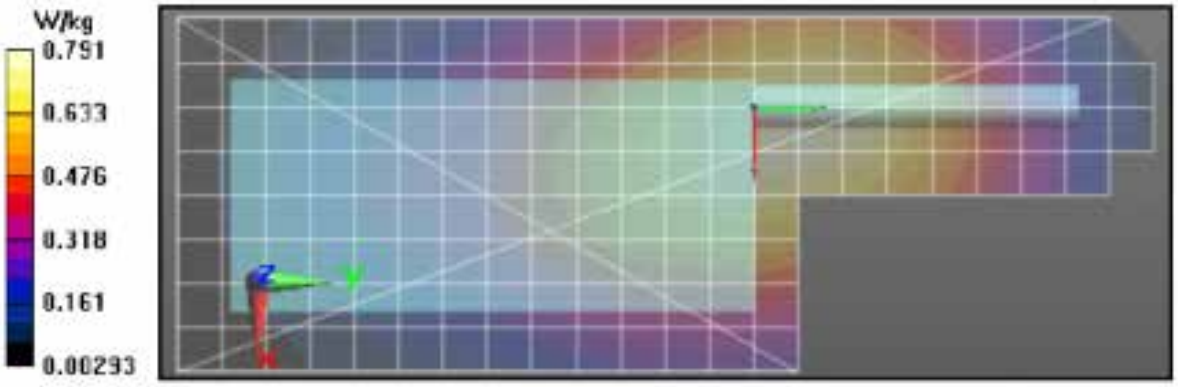
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.79 S/m; ε_r = 59.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz; ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 33.65 V/m; Power Drift = -0.77 dB
Fast SAR: SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.538 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.798 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 33.65 V/m; Power Drift = -0.76 dB
Peak SAR (extrapolated) = 0.902 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.540 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.792 W/kg

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



Assessments VHF at the Body with Body worn PMLN7964A w/ PMLN5408A
Table 15

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 8:20:20 AM

Robot#: DASY5-PG-3 | Run#:	FD-AB-190103-07#
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	21.0 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	6.42 (W)

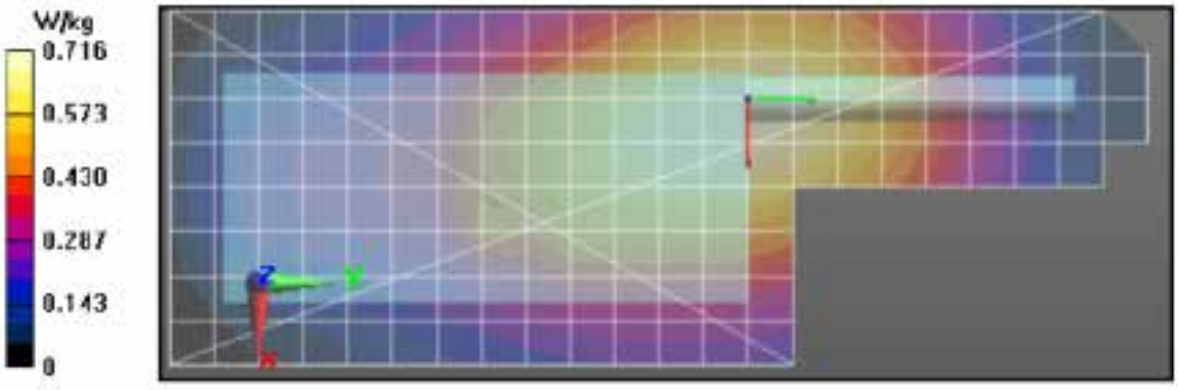
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.79 S/m; ε_r = 59.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 31.42 V/m; Power Drift = -0.49 dB
Fast SAR: SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.492 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.729 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 = 31.42 V/m; Power Drift = -0.47 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.493 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.721 W/kg

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



Assessments VHF at the Body with Body worn PMLN7964A w/ PMLN5409A
Table 16

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 3:39:33 PM

Robot#: DASY5-PG-3 | Run#:	FD-AB-190103-13
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	20.9 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	6.43 (W)

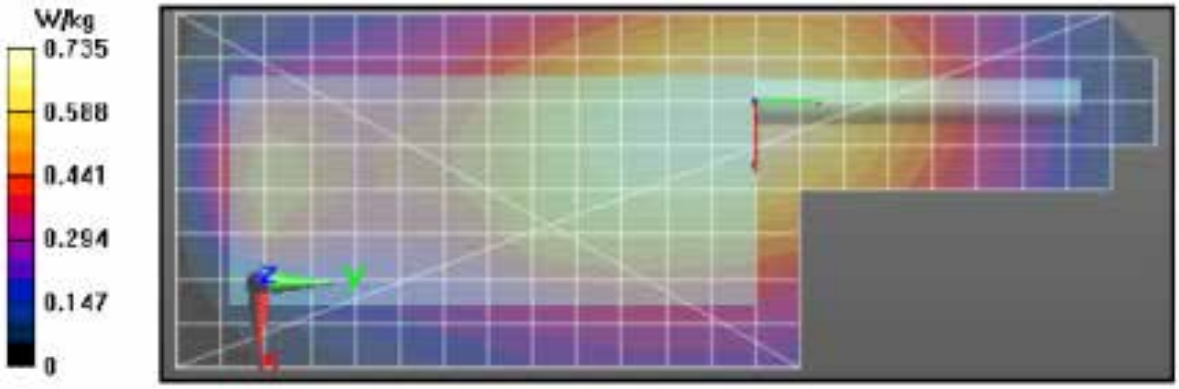
Comments:

Duty Cycle: 1:1, Medium parameters used: $f = 155$ MHz; $\sigma = 0.81$ S/m; $\varepsilon_r = 58.7$; $\rho = 1000$ kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 32.52 V/m; Power Drift = -0.80 dB
Fast SAR: SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.502 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.746 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 = 32.52 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 0.825 W/kg
SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.509 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.731 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) = 0.727 W/kg



Assessment of VHF wireless BT configuration
Table 17

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/4/2019 10:04:02 AM

Robot#: DASY5-PG-3 | Run#: FD-AB-190104-06#
Model#: PNUW1100A
Phantom#: ELI4 1016
Tissue Temp: 20.5 (C)
Serial#: 437TUX0096
Antenna: PMAD4094A
Test Freq: 155.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7948A w/ PMLN7965A
Audio Acc: None
Start Power: 6.36 (W)

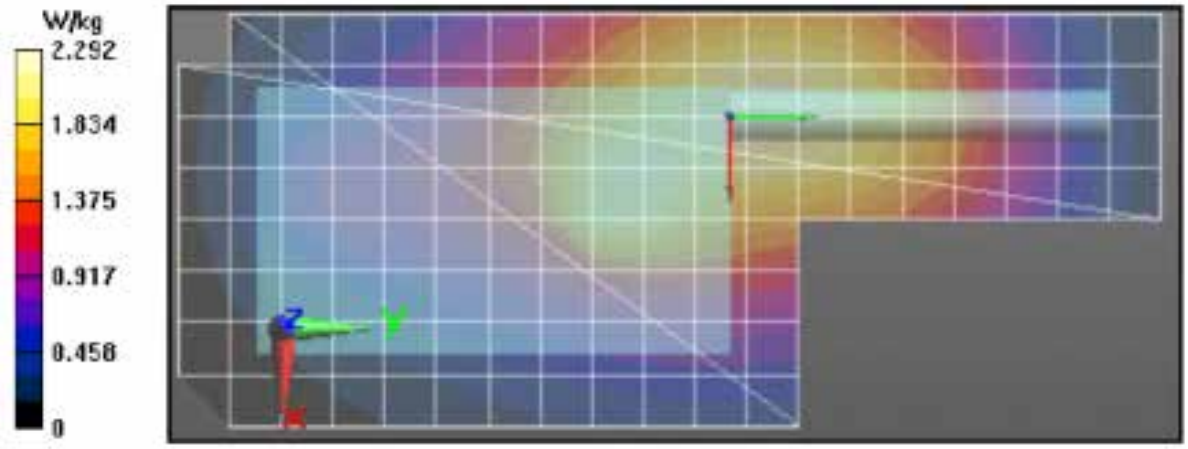
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.81 S/m; ε_r = 58.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 56.91 V/m; Power Drift = -0.72 dB
Fast SAR: SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.53 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.38 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.91 V/m; Power Drift = -0.72 dB
Peak SAR (extrapolated) = 3.42 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.51 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.68 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.66 W/kg



Assessment VHF at the Face of Front Configuration
Table 19

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/25/2018 10:22:29 AM

Robot#: DASY5-PG-3 | Run#:	ZZ-FACE-181225-06
Model#:	PNUW1100A
Phantom#:	ELI4 1109
Tissue Temp:	21.1 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	@ front
Audio Acc:	None
Start Power:	6.45 (W)

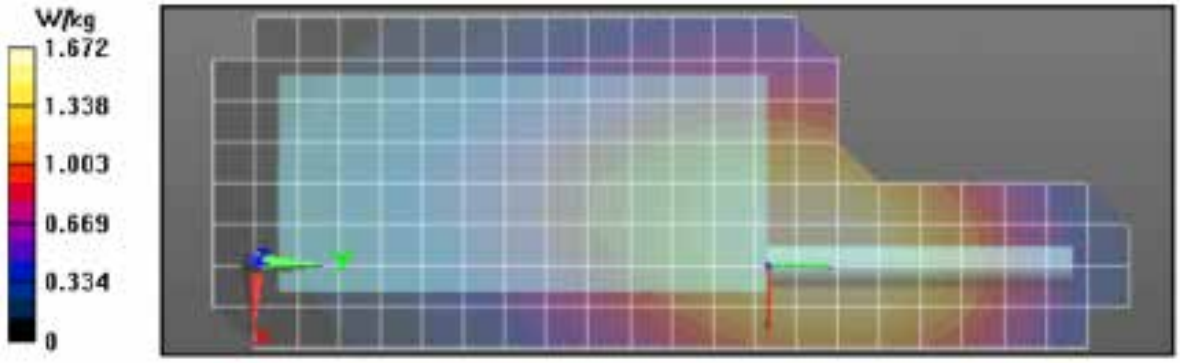
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.77 S/m; ε_r = 49.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.66, 13.66, 13.66); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 46.09 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 1.47 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.69 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 = 46.09 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 1.44 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.66 W/kg

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



Assessment VHF at the Face of Back Configuration
Table 20

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/25/2018 7:55:00 PM

Robot#: DASY5-PG-3 | Run#:	FD-FACE-181225-15
Model#:	PNUW1100A
Phantom#:	ELI4 1109
Tissue Temp:	21.1 (C)
Serial#:	437TUX0109
Antenna:	PMAD4094A
Test Freq:	155.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ back
Audio Acc:	None
Start Power:	6.41 (W)

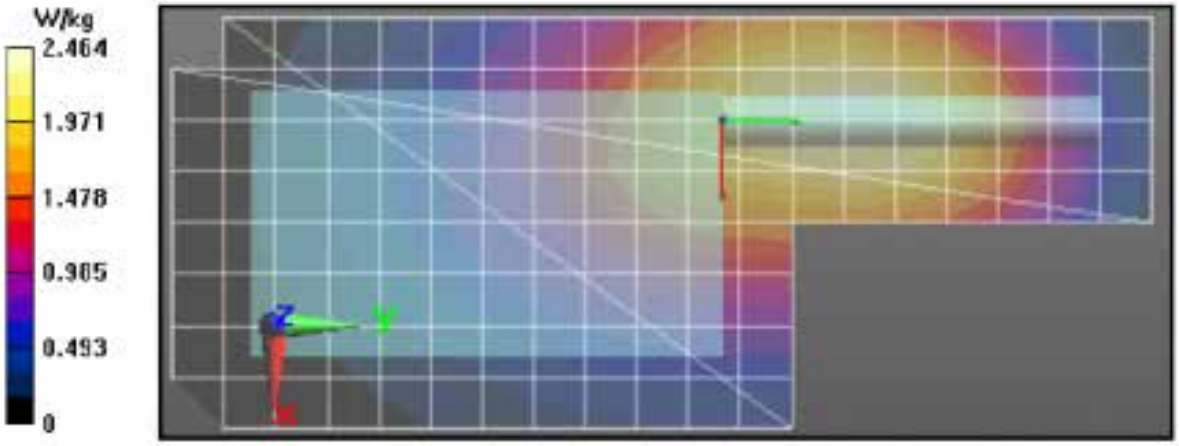
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 155 MHz; σ = 0.77 S/m; ε_r = 49.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 155 MHz, ConvF(13.66, 13.66, 13.66); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.42 V/m; Power Drift = -0.48 dB
Fast SAR: SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.48 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.42 V/m; Power Drift = -0.45 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.44 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.45 W/kg



Assessment for outside FCC and ISED Frequency range - Body

Table 23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 7:49:01 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-190103-17
Model#:	PNUW1100A
Phantom#:	ELI4 1016
Tissue Temp:	20.3 (C)
Serial#:	437TUX0109
Antenna:	KT000026A01
Test Freq:	136.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN7965A
Audio Acc:	None
Start Power:	6.48 (W)

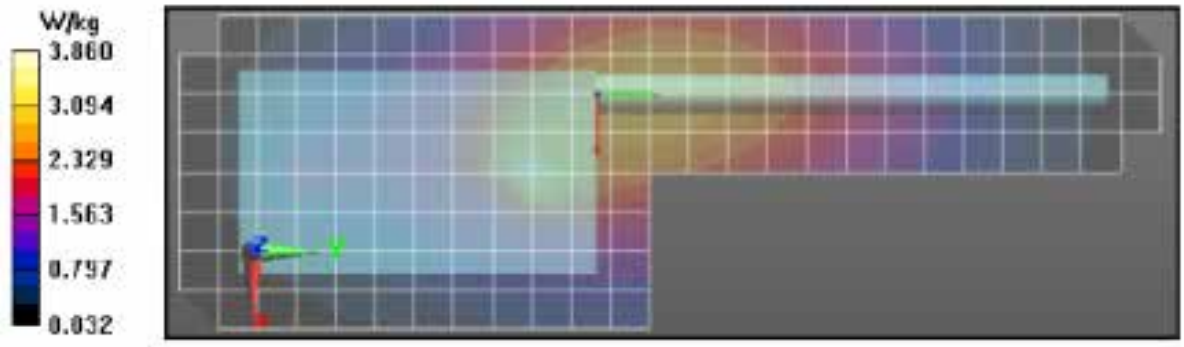
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 136 MHz; σ = 0.8 S/m; ε_r = 59.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 136 MHz, ConvF(13.1, 13.1, 13.1); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 62.75 V/m; Power Drift = -0.32 dB
Fast SAR: SAR(1 g) = 3.29 W/kg; SAR(10 g) = 2.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.04 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.75 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 5.25 W/kg
SAR(1 g) = 2.95 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.92 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.86 W/kg



Assessment for outside FCC and ISED Frequency range - Face

Table 23

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/26/2018 8:28:43 AM

Robot#: DASY5-PG-3 | Run#:	ZZ-FACE-181226-09
Model#:	PNUW1100A
Phantom#:	ELI4 1109
Tissue Temp:	20.8 (C)
Serial#:	437TUX0096
Antenna:	KT000026A01
Test Freq:	136.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ back
Audio Acc:	None
Start Power:	6.35 (W)

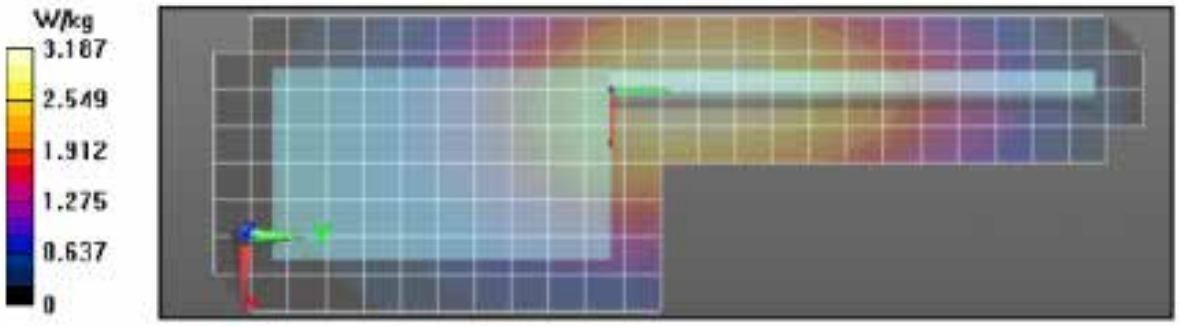
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 136 MHz; σ = 0.73 S/m; ε_r = 50.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 136 MHz, ConvF(13.66, 13.66, 13.66); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 67.54 V/m; Power Drift = -0.48 dB
Fast SAR: SAR(1 g) = 2.82 W/kg; SAR(10 g) = 2.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.19 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 = 67.54 V/m; Power Drift = -0.58 dB
Peak SAR (extrapolated) = 3.46 W/kg
SAR(1 g) = 2.6 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.01 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.95 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7947A w/ NTN8266B
Table 25

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/25/2018 2:22:08 PM

Robot#: DASY5-PG-4 | Run#:	AM-AB-181225-12
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.5 (C)
Serial#:	437TUX0103
Antenna:	PMAE4022B
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.54 (W)

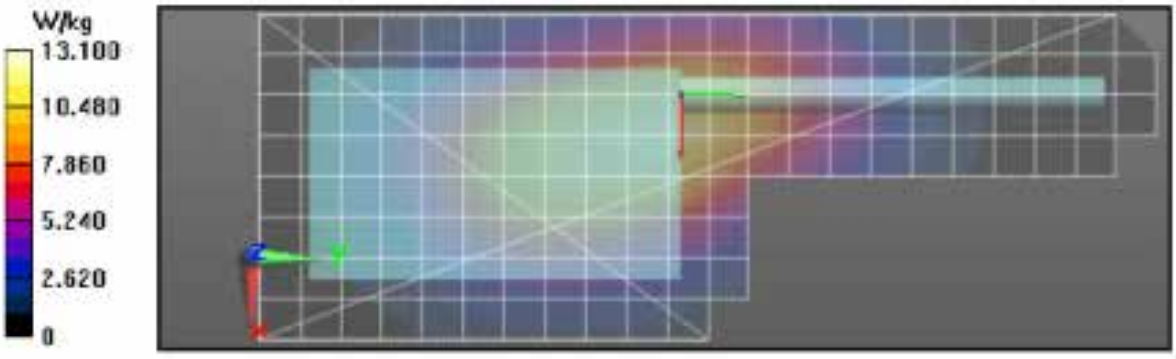
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.96 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 111.7 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 11.9 W/kg; SAR(10 g) = 8.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 13.4 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 = 111.7 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.3 W/kg (SAR corrected for target medium)

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) = 13.0 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7947A w/ PMLN7965A
Table 26

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/27/2018 12:55:40 AM

Robot#: DASY5-PG-4	Run#: LOH-AB-181227-02
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.5 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	5.59 (W)

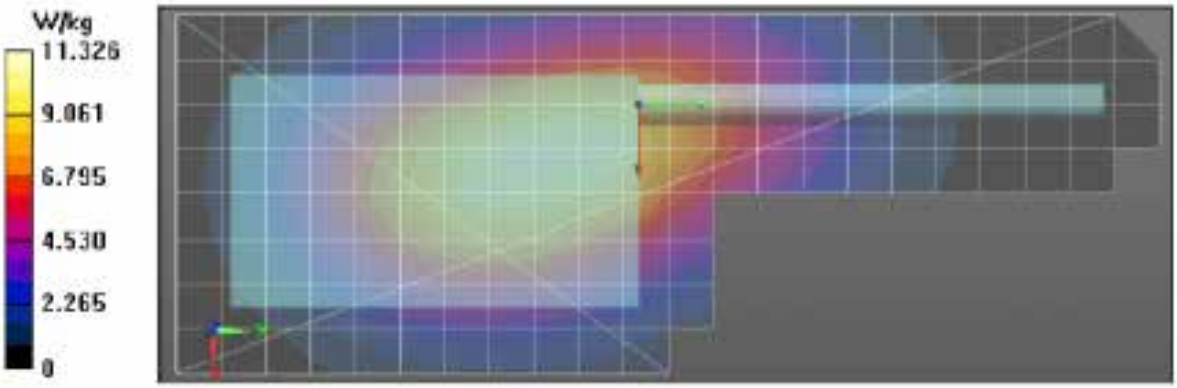
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.96 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 103.1 V/m; Power Drift = -0.41 dB
Fast SAR: SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.4 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 = 103.1 V/m; Power Drift = -0.48 dB
Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 9.78 W/kg; SAR(10 g) = 7.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 11.0 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) = 10.8 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7948A w/ NTN8266B
Table 27

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/27/2018 10:57:05 PM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-181227-21
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.8 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.56 (W)

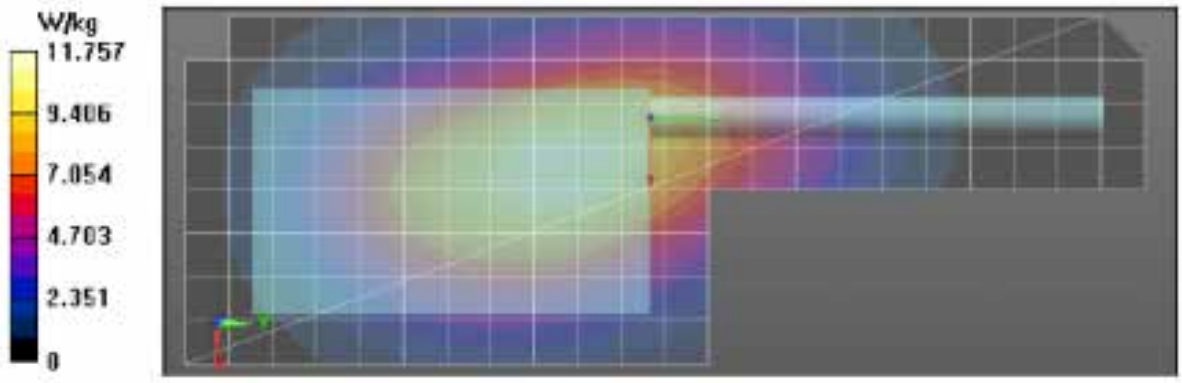
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.96 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 101.4 V/m; Power Drift = -0.44 dB
Fast SAR: SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.85 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.2 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.4 V/m; Power Drift = -0.56 dB
Peak SAR (extrapolated) = 15.3 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.55 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 11.9 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) = 11.7 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7948A w/ PMLN7965A
Table 28

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/28/2018 11:04:29 AM

Robot#: DASY5-PG-4 | Run#:	AM-AB-181228-10
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.2 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	5.63 (W)

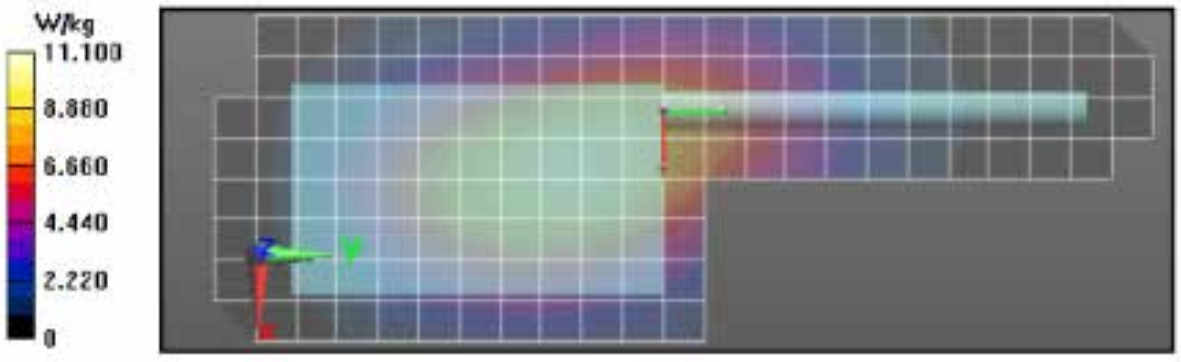
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.97 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 93.09 V/m; Power Drift = -0.39 dB
Fast SAR: SAR(1 g) = 9.95 W/kg; SAR(10 g) = 7.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.2 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.09 V/m; Power Drift = -0.52 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 9.39 W/kg; SAR(10 g) = 6.78 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.7 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) = 10.5 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7948A w/ PMLN5407A
Table 29

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/29/2018 5:03:48 AM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-181229-04
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.6 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	5.62 (W)

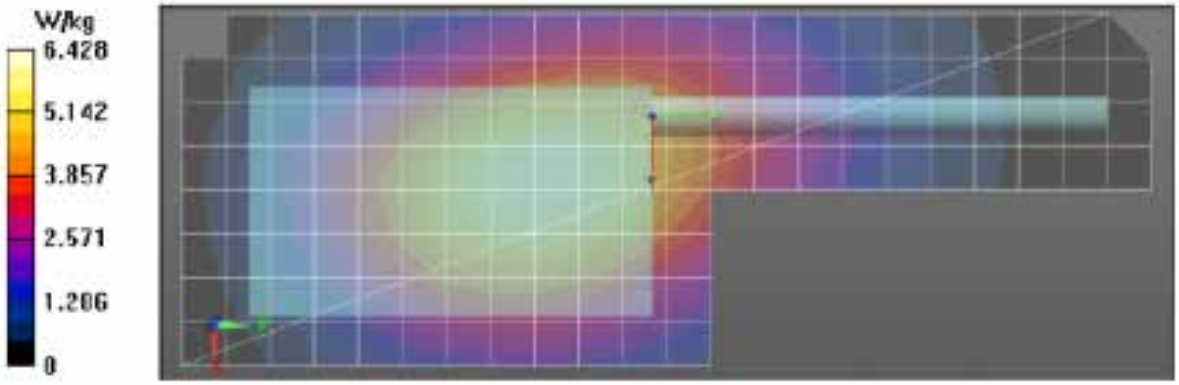
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.97 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 76.43 V/m; Power Drift = -0.36 dB
Fast SAR: SAR(1 g) = 5.77 W/kg; SAR(10 g) = 4.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.44 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 = 76.43 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 7.64 W/kg
SAR(1 g) = 5.52 W/kg; SAR(10 g) = 4.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.14 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.06 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7948A w/ PMLN5408A
Table 30

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/30/2018 2:13:30 AM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-181230-03
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.4 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	5.58 (W)

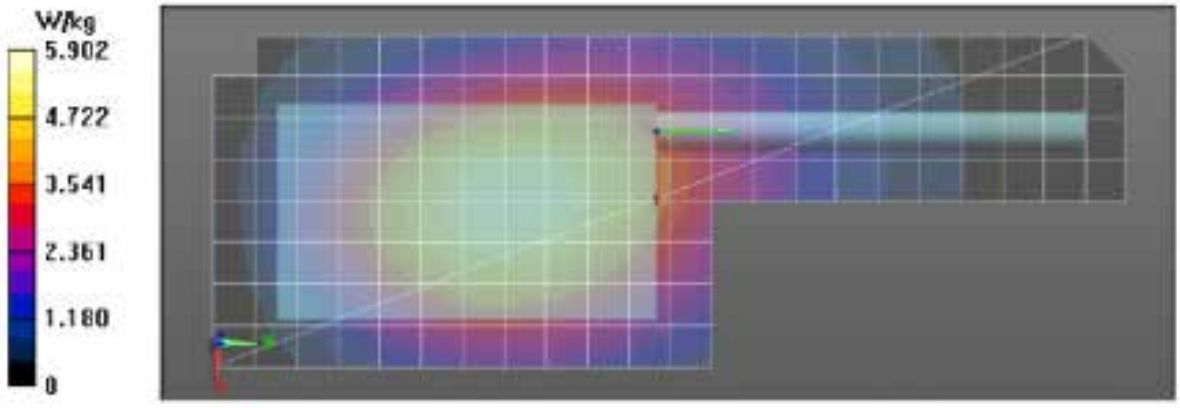
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.96 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 68.31 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 5.3 W/kg; SAR(10 g) = 3.89 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.92 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 = 68.31 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 7.16 W/kg
SAR(1 g) = 5.2 W/kg; SAR(10 g) = 3.9 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.77 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.69 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7948A w/ PMLN5409A
Table 31

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/30/2018 6:38:47 AM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-181230-08
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.4 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	5.64 (W)

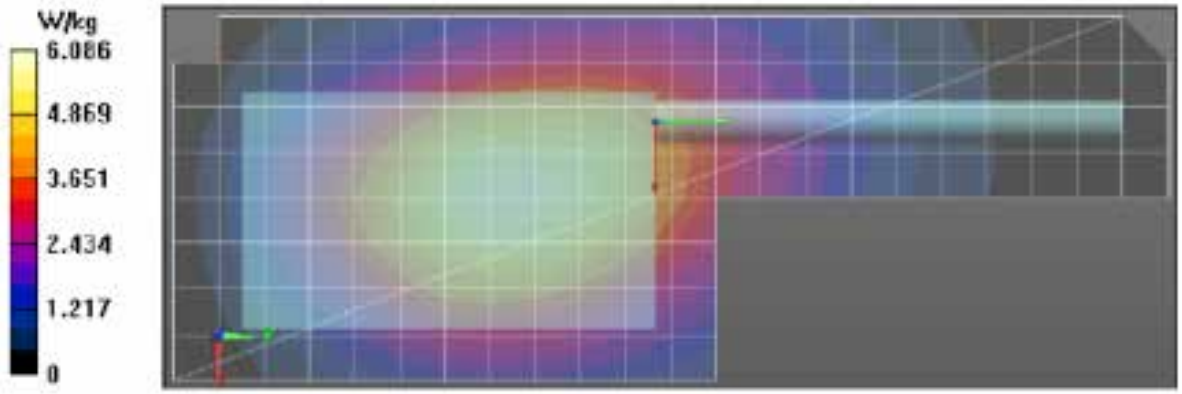
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.96 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 73.03 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 5.48 W/kg; SAR(10 g) = 4.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.13 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 = 73.03 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 7.24 W/kg
SAR(1 g) = 5.23 W/kg; SAR(10 g) = 3.92 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.82 W/kg

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



Assessment UHF R1 at the Body with Body worn PMLN7964A w/ NTN8266B
Table 32

Motorola Solutions, Inc. EME Laboratory
Date/Time: 12/31/2018 11:10:15 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-181231-09
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.4 (C)
Serial#:	437TUX0103
Antenna:	PMAE4102A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.58 (W)

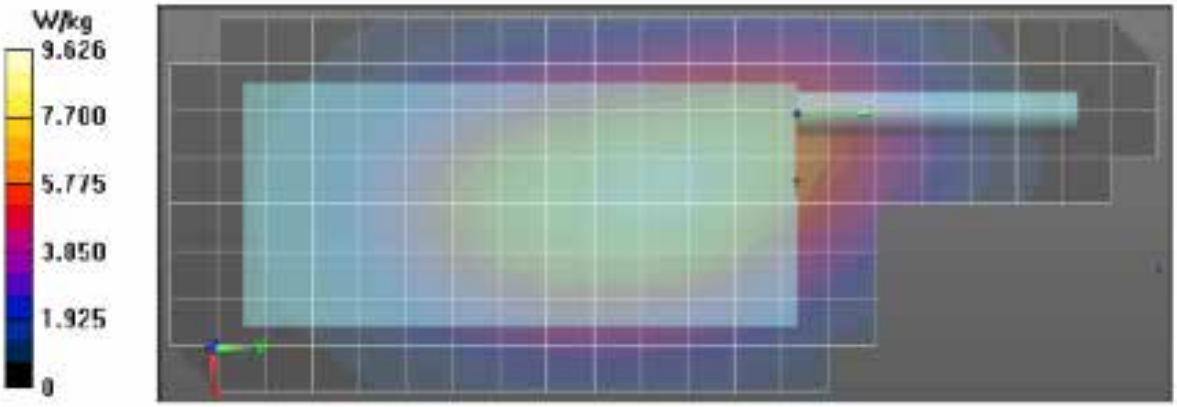
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.96 S/m; ε_r = 54.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 85.65 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 8.79 W/kg; SAR(10 g) = 6.36 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.89 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 = 85.65 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 13.2 W/kg
SAR(1 g) = 8.8 W/kg; SAR(10 g) = 6.25 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.1 W/kg

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



Assessment UHF R1 at the Body with Body worn PMLN7964A w/ PMLN7965A
Table 33

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/2/2019 7:32:11 PM

Robot#: DASY5-PG-4 | Run#: AN-AB-190102-08
Model#: PNUW1100A
Phantom#: ELI5 1150
Tissue Temp: 20.9 (C)
Serial#: 437TUX0103
Antenna: PMAE4049A
Test Freq: 450.0000 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN7965A
Audio Acc: PMMN4123A
Start Power: 5.59 (W)

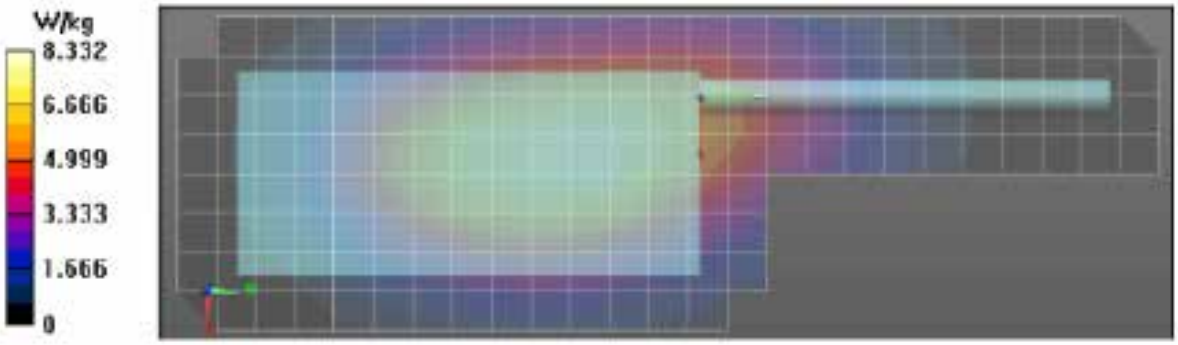
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.94 S/m; ε_r = 54.8; 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/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 85.99 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 7.69 W/kg; SAR(10 g) = 5.61 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.63 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 = 85.99 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 7.81 W/kg; SAR(10 g) = 5.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.95 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.91 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7964A w/ PMLN5407A
Table 34

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 5:27:30 AM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190103-02#
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.8 (C)
Serial#:	437TUX0103
Antenna:	PMAE4102A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	5.57 (W)

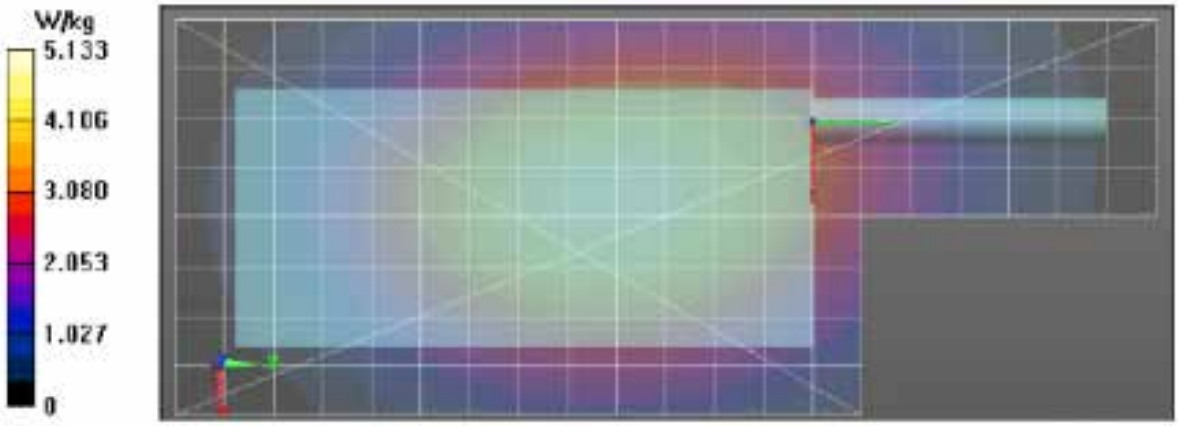
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.95 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 68.31 V/m; Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 4.66 W/kg; SAR(10 g) = 3.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.20 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 68.31 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 6.25 W/kg
SAR(1 g) = 4.52 W/kg; SAR(10 g) = 3.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.02 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.00 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7964A w/ PMLN5408A
Table 35

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 10:46:09 AM

Robot#: DASY5-PG-4 | Run#: LOH-AB-190103-08
Model#: PNUW1100A
Phantom#: ELI5 1150
Tissue Temp: 20.5 (C)
Serial#: 437TUX0103
Antenna: PMAE4102A
Test Freq: 470.0000 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN5408A
Audio Acc: PMMN4123A
Start Power: 5.59 (W)

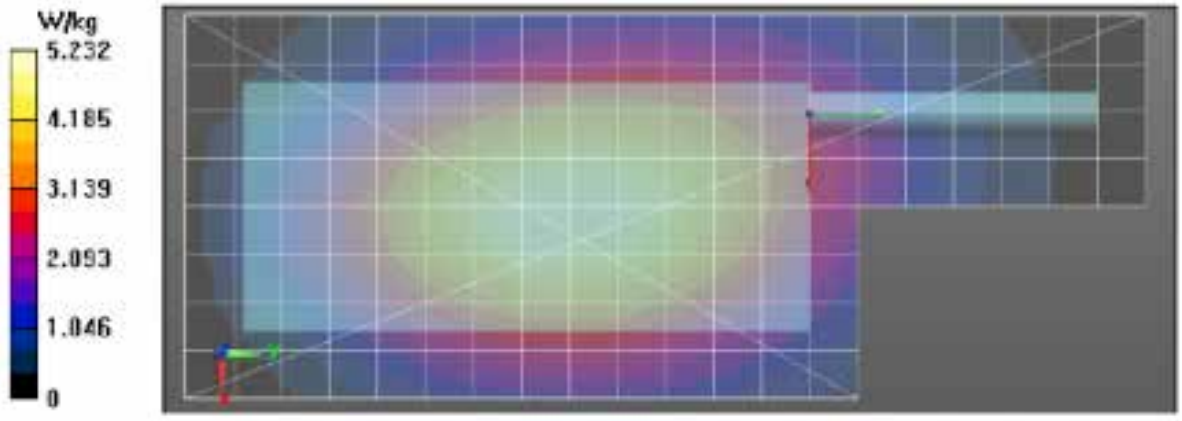
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.95 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 61.89 V/m; Power Drift = -0.33 dB
Fast SAR: SAR(1 g) = 4.7 W/kg; SAR(10 g) = 3.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.24 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 = 61.89 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 6.38 W/kg
SAR(1 g) = 4.61 W/kg; SAR(10 g) = 3.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.13 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.10 W/kg



Assessment UHF R1 at the Body with Body worn PMLN7964A w/ PMLN5409A
Table 36

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 8:08:38 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190103-13
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.7 (C)
Serial#:	437TUX0103
Antenna:	PMAE4102A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	5.60 (W)

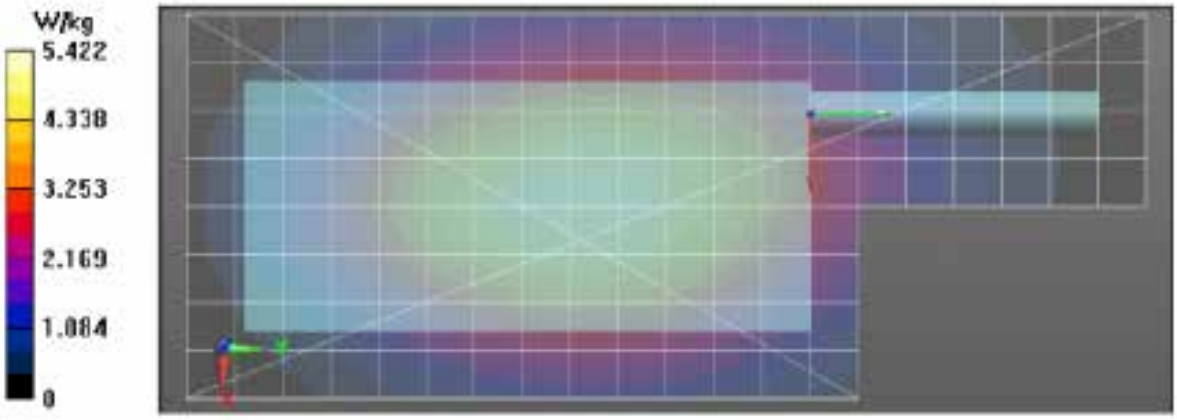
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.95 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 63.95 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 4.89 W/kg; SAR(10 g) = 3.58 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.46 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 = 63.95 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 6.58 W/kg
SAR(1 g) = 4.74 W/kg; SAR(10 g) = 3.55 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.27 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.26 W/kg



Assessment at the Body with other audio accessories (UHF R1)
Table 37

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 10:39:55 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190103-16
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	21.0 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	NMN6274B
Start Power:	5.53 (W)

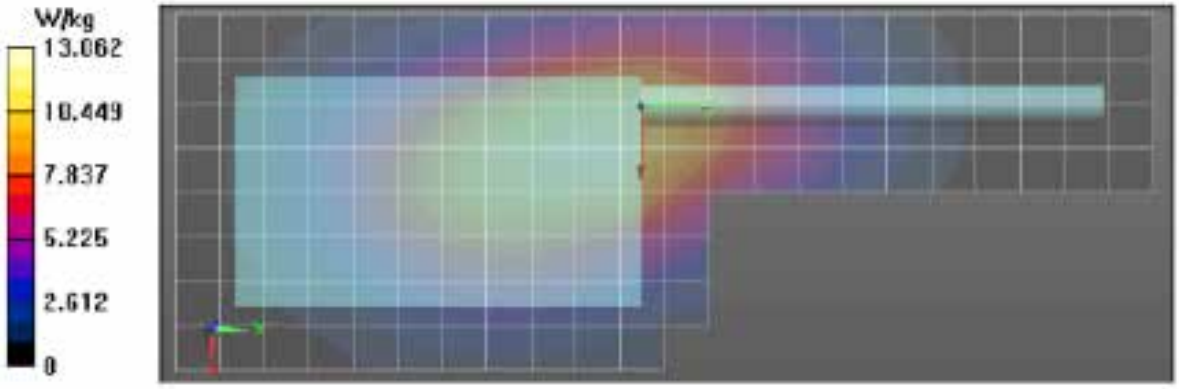
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.95 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 105.0 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 11.7 W/kg; SAR(10 g) = 8.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 13.1 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 = 105.0 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 11.4 W/kg; SAR(10 g) = 8.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 12.9 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) = 12.8 W/kg



Assessment of wireless BT configuration (UHF R1)
Table 38

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/7/2019 1:25:15 PM

Robot#: DASY5-PG-4	Run#: AN-AB-190107-06
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.7 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	5.57 (W)

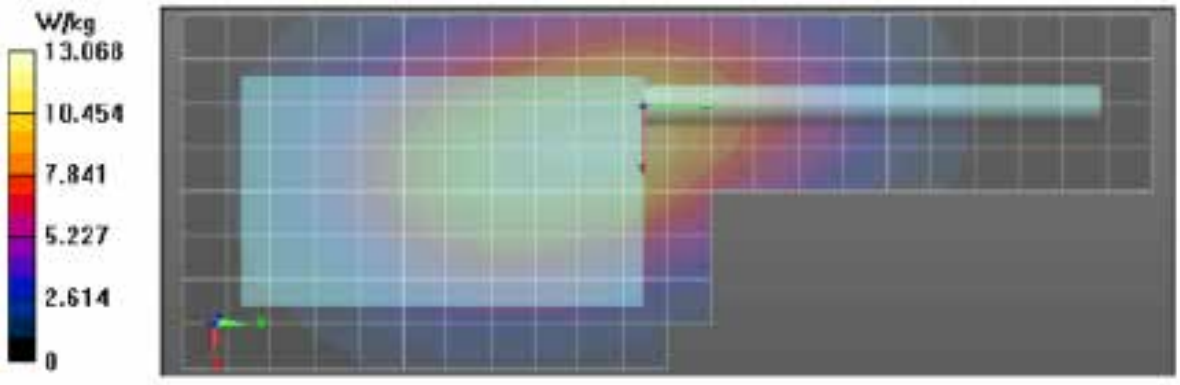
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.95 S/m; ε_r = 54.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 108.6 V/m; Power Drift = -0.24 dB
Fast SAR: SAR(1 g) = 11.8 W/kg; SAR(10 g) = 8.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 13.2 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 = 108.6 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 11.4 W/kg; SAR(10 g) = 8.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 12.8 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) = 12.7 W/kg



Assessment of PSM Configuration (UHF R1)
Table 40

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/7/2019 7:13:57 PM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-190107-10
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.9 (C)
Serial#:	437TUX0103
Antenna:	PMAE4065A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	@ body
Audio Acc:	PMMN4059B
Start Power:	5.59 (W)

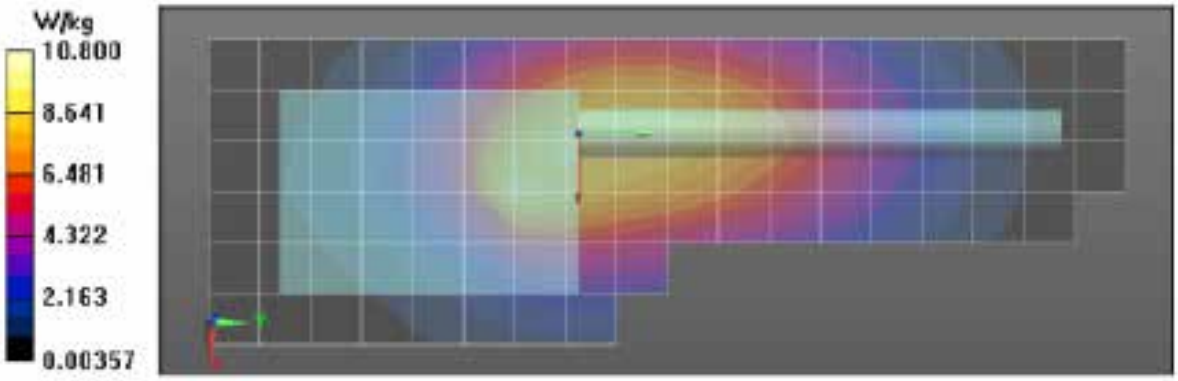
Comments: PSM Power , 4.85 W

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.95 S/m; ε_r = 54.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 102.9 V/m; Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 9.17 W/kg; SAR(10 g) = 6.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.7 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 102.9 V/m; Power Drift = -0.42 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 8.97 W/kg; SAR(10 g) = 6.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.9 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) = 10.8 W/kg



Assessment UHF R1 at the Face of Front Configuration
Table 42

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/8/2019 3:27:50 PM

Robot#: DASY5-PG-4 | Run#:	AN-FACE-190108-13
Model#:	PNUW1100A
Phantom#:	ELI4 1103
Tissue Temp:	21.4 (C)
Serial#:	437TUX0103
Antenna:	PMAE4102A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ front
Audio Acc:	None
Start Power:	5.55 (W)

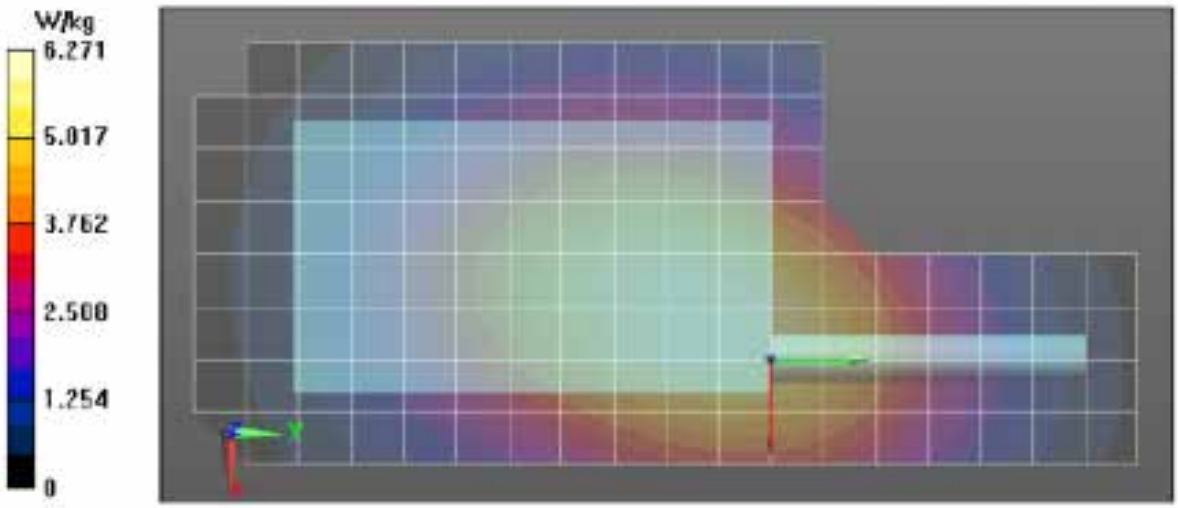
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.9 S/m; ε_r = 43.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 81.28 V/m; Power Drift = -0.46 dB
Fast SAR: SAR(1 g) = 5.66 W/kg; SAR(10 g) = 4.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.32 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 81.28 V/m; Power Drift = -0.53 dB
Peak SAR (extrapolated) = 7.50 W/kg
SAR(1 g) = 5.42 W/kg; SAR(10 g) = 4.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.05 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.02 W/kg



Assessment UHF R1 at the Face of Back Configuration
Table 43

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/9/2019 3:00:42 AM

Robot#: DASY5-PG-4 | Run#:	LOH-FACE-190109-04#
Model#:	PNUW1100A
Phantom#:	ELI4 1103
Tissue Temp:	21.2 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ back
Audio Acc:	None
Start Power:	5.57 (W)

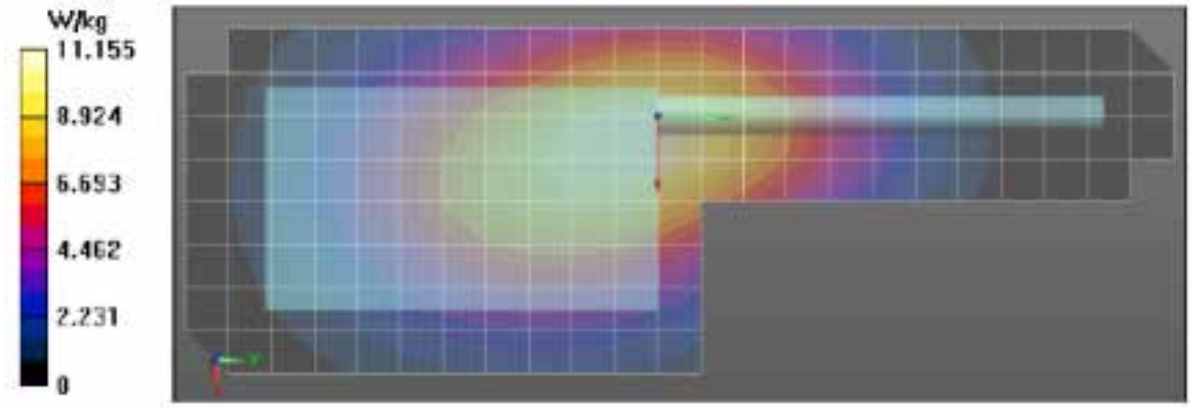
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.9 S/m; ε_r = 43.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 111.8 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.38 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.3 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.8 V/m; Power Drift = -0.47 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 9.68 W/kg; SAR(10 g) = 7.11 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.9 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) = 10.7 W/kg



Assessment for outside FCC and ISED Frequency range (UHF R1) - Body

Table 45

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/14/2019 5:46:18 PM

Robot#: DASY5-PG-2	Run#: LOH(IZ)-AB-190314-14
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.1 (C)
Serial#:	437TUX0103
Antenna:	PMAE4022B
Test Freq:	393.1000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.56 (W)

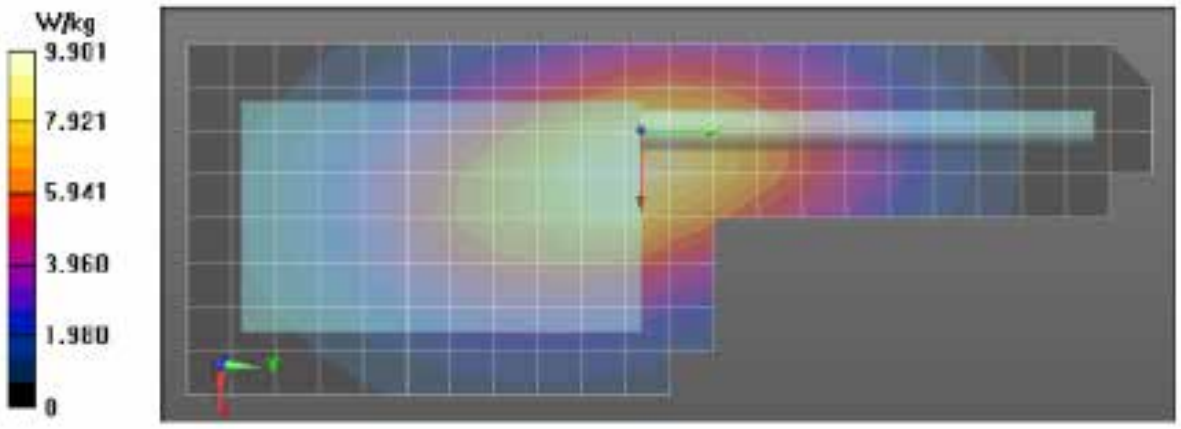
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 393 MHz; σ = 0.91 S/m; ε_r = 55.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 393.1 MHz, ConvF(11.27, 11.27, 11.27); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 98.65 V/m; Power Drift = -0.21 dB
Fast SAR: SAR(1 g) = 9 W/kg; SAR(10 g) = 6.58 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.92 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 = 98.65 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 8.92 W/kg; SAR(10 g) = 6.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.77 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.79 W/kg



Assessment for outside FCC and ISED Frequency range (UHF R1) - Face

Table 45

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/18/2019 7:00:21 PM

Robot#: DASY5-PG-2 | Run#: LOH-FACE-190318-07
Model#: PNUW1100A
Phantom#: ELI4 1103
Tissue Temp: 21.1 (C)
Serial#: 437TUX0103
Antenna: PMAE4100A
Test Freq: 393.1000 (MHz)
Battery: NNTN9087A
Carry Acc: @ back
Audio Acc: None
Start Power: 5.46 (W)

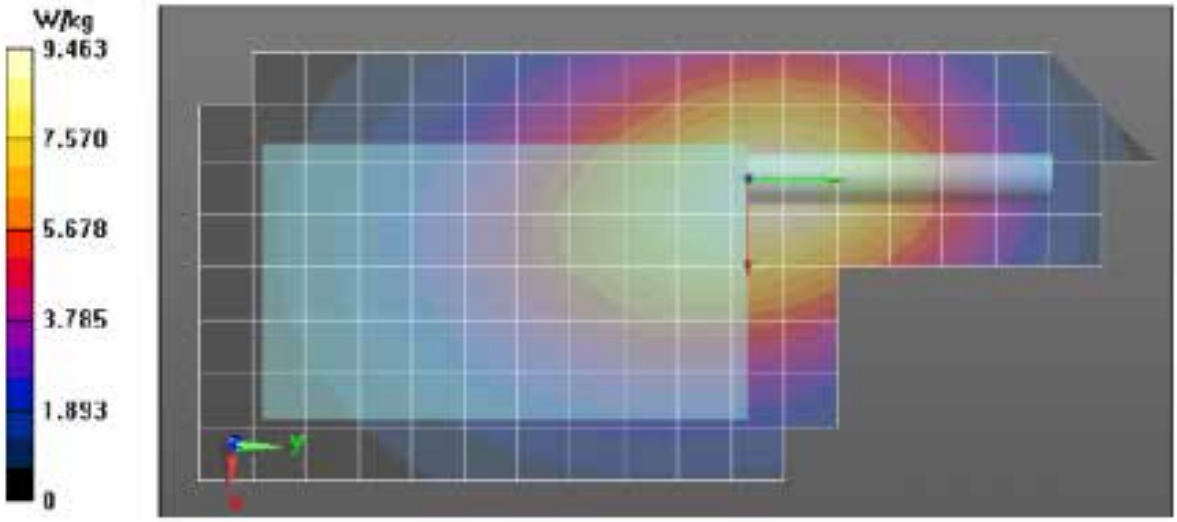
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 393 MHz; σ = 0.85 S/m; ϵ_r = 44.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 393.1 MHz, ConvF(10.99, 10.99, 10.99); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 101.8 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 8.43 W/kg; SAR(10 g) = 6.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.77 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 = 101.8 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 10.8 W/kg
SAR(1 g) = 8.29 W/kg; SAR(10 g) = 6.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.57 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.50 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7947A w/ NTN8266B
Table 47

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/2/2019 3:15:44 PM

Robot#: DASY5-PG-4 | Run#:	AM-AB-190102-04
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	21.9 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	481.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.49 (W)

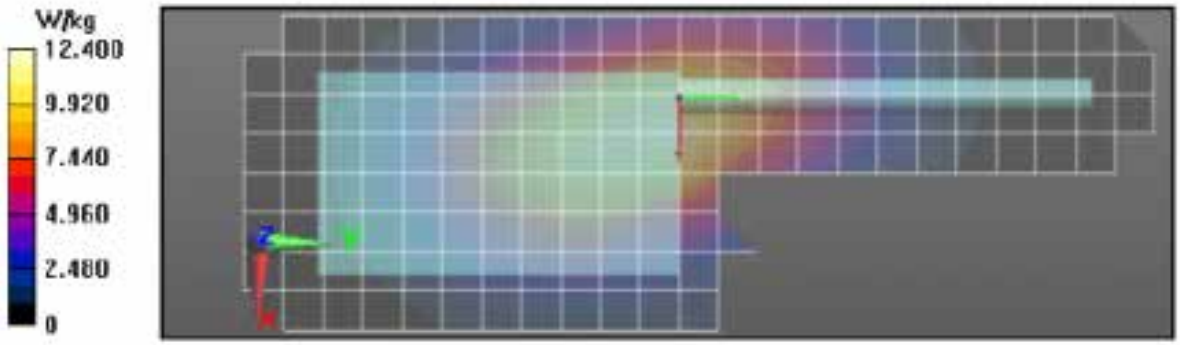
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 481 MHz; σ = 0.96 S/m; ϵ_r = 55.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 481 MHz, ConvF(11.27, 11.27, 11.27); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 99.51 V/m; Power Drift = -0.19 dB
Fast SAR: SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.48 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.6 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 = 99.51 V/m; Power Drift = -0.25 dB
Peak SAR (extrapolated) = 14.5 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.43 W/kg (SAR corrected for target medium)

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) = 12.3 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7947A w/ PMLN7965A
Table 48

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/11/2019 6:26:04 AM

Robot#: DASY5-PG-4 | Run#: LOH(BL)-AB-190111-03#
Model#: PNUW1100A
Phantom#: ELI4 1040
Tissue Temp: 20.5 (C)
Serial#: 437TUX0096
Antenna: PMAE4049A
Test Freq: 481.0000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7947A w/ PMLN7965A
Audio Acc: PMMN4123A
Start Power: 5.56 (W)

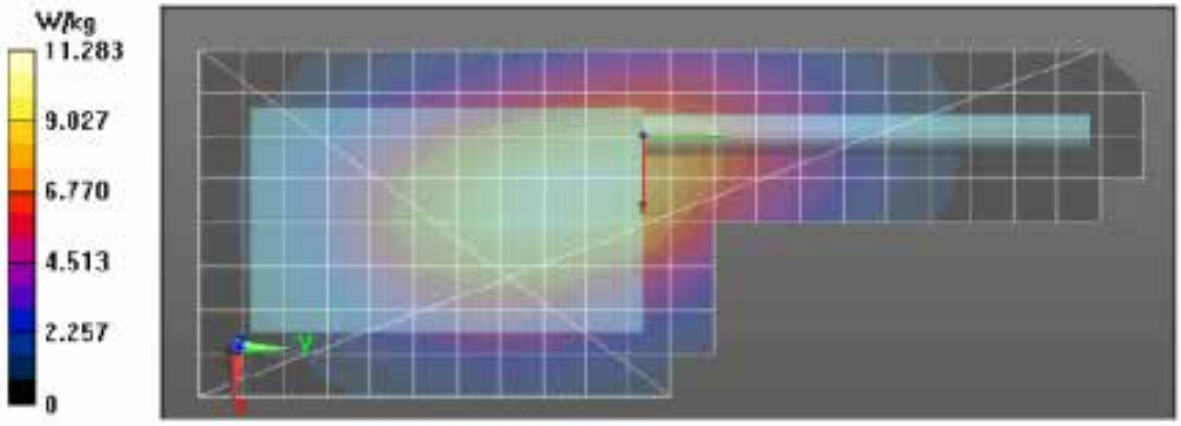
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 481 MHz; σ = 0.94 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 481 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 100.9 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.4 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 = 100.9 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 14.3 W/kg
SAR(1 g) = 9.97 W/kg; SAR(10 g) = 7.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 11.2 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) = 11.1 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7948A w/ NTN8266B
Table 49

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/15/2019 6:23:34 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190115-04
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.3 (C)
Serial#:	437TUX0096
Antenna:	PMAE4102A
Test Freq:	460.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.54 (W)

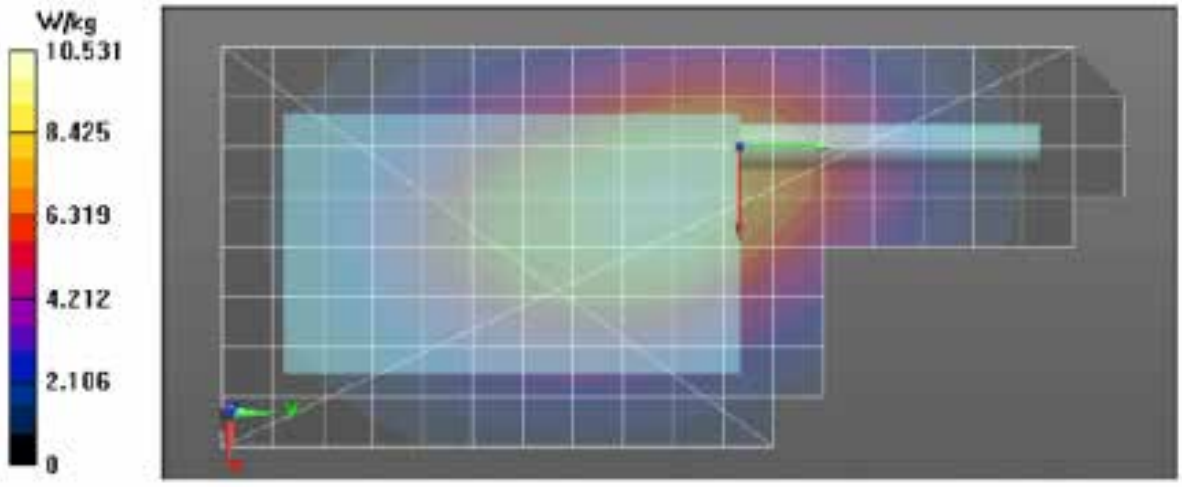
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 460 MHz; σ = 0.92 S/m; ε_r = 55.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 460 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 97.82 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 9.68 W/kg; SAR(10 g) = 7.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.7 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 = 97.82 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 9.6 W/kg; SAR(10 g) = 7.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.7 W/kg

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



Assessment UHF R2 at the Body with Body worn PMLN7948A w/ PMLN7965A
Table 50

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/15/2019 10:41:21 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190115-10
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.7 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	481.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	5.53 (W)

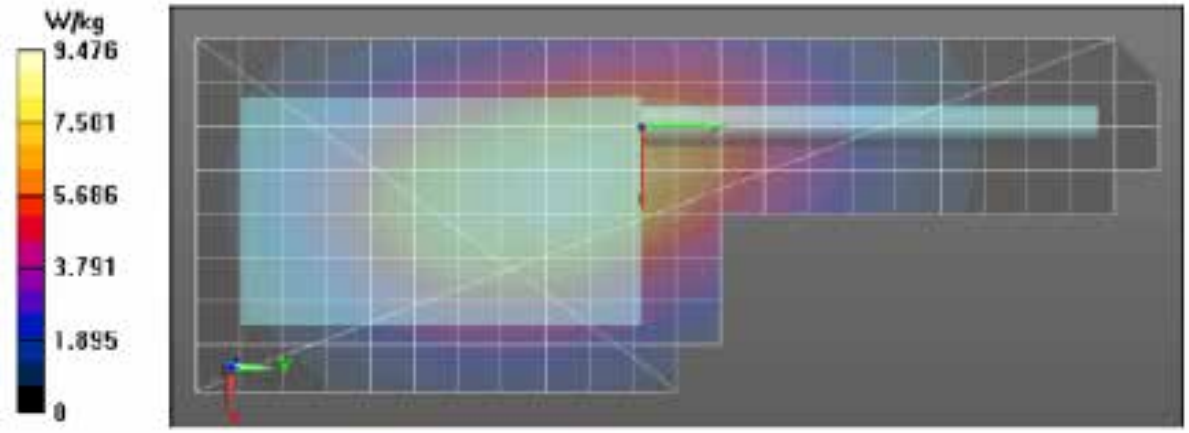
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 481 MHz; σ = 0.94 S/m; ε_r = 55.3; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 481 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 90.15 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 8.75 W/kg; SAR(10 g) = 6.35 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.82 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 = 90.15 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 8.77 W/kg; SAR(10 g) = 6.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.96 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.91 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7948A w/ PMLN5407A
Table 51

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/16/2019 11:43:54 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190116-18
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.7 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	5.51 (W)

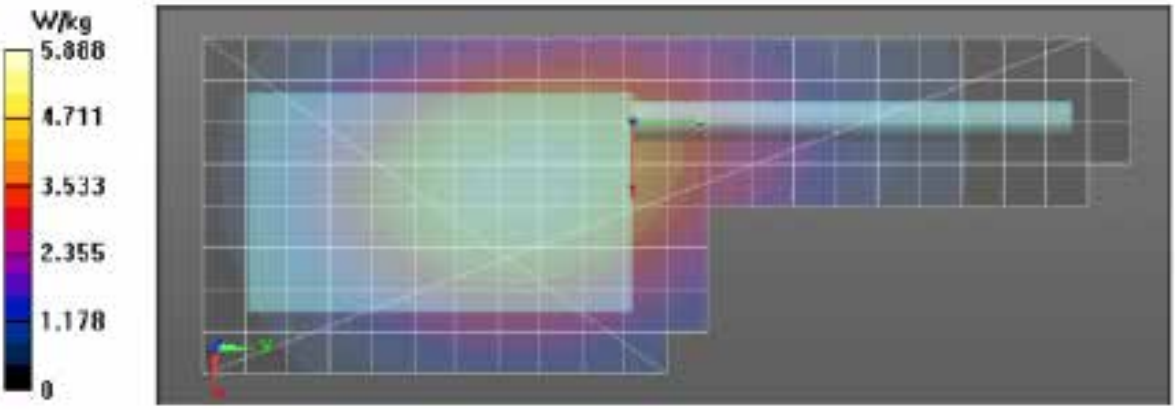
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.96 S/m; ε_r = 55.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 73.57 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 5.39 W/kg; SAR(10 g) = 3.93 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.02 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 = 73.57 V/m; Power Drift = -0.25 dB
Peak SAR (extrapolated) = 7.29 W/kg
SAR(1 g) = 5.31 W/kg; SAR(10 g) = 4.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.91 W/kg

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



Assessment UHF R2 at the Body with Body worn PMLN7948A w/ PMLN5408A
Table 52

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/17/2019 8:31:09 AM

Robot#: DASY5-PG-4 | Run#:	FD(BL)-AB-190117-05#
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.5 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	5.58 (W)

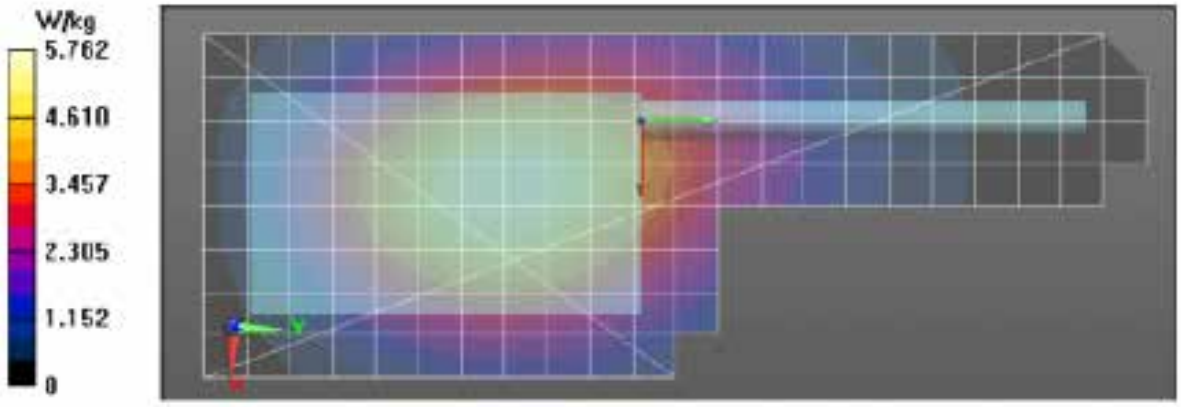
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.96 S/m; ε_r = 55.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 70.31 V/m; Power Drift = -0.20 dB
Fast SAR: SAR(1 g) = 5.24 W/kg; SAR(10 g) = 3.83 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.85 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 = 70.31 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 7.08 W/kg
SAR(1 g) = 5.17 W/kg; SAR(10 g) = 3.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.74 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.70 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7948A w/ PMLN5409A
Table 53

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/17/2019 2:14:47 PM

Robot#: DASY5-PG-4 | Run#:	FD(BL)-AB-190117-10#
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.5 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	5.58 (W)

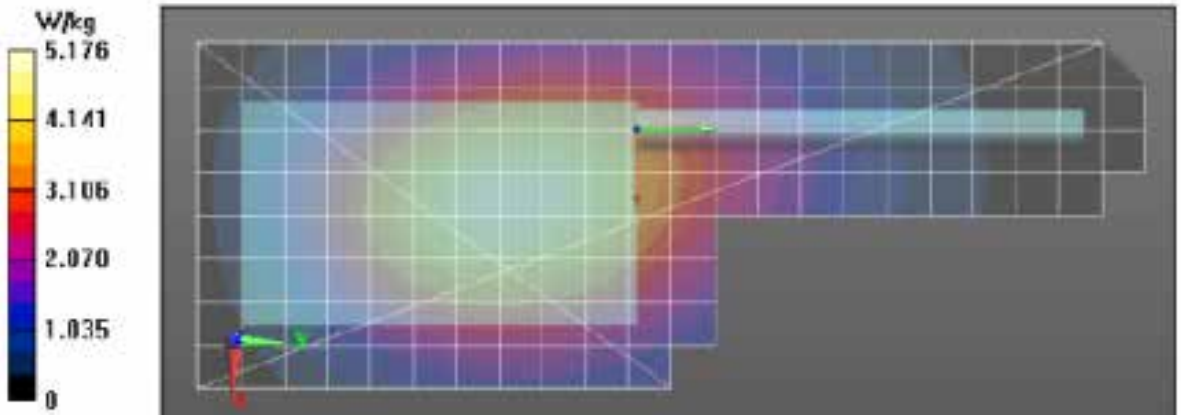
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.96 S/m; ε_r = 55.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 65.88 V/m; Power Drift = -0.21 dB
Fast SAR: SAR(1 g) = 4.69 W/kg; SAR(10 g) = 3.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.23 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 = 65.88 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 6.30 W/kg
SAR(1 g) = 4.58 W/kg; SAR(10 g) = 3.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.08 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.05 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7964A w/ NTN8266B
Table 54

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/18/2019 12:00:26 AM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190118-01#
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.6 (C)
Serial#:	437TUX0096
Antenna:	PMAE4102A
Test Freq:	460.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.57 (W)

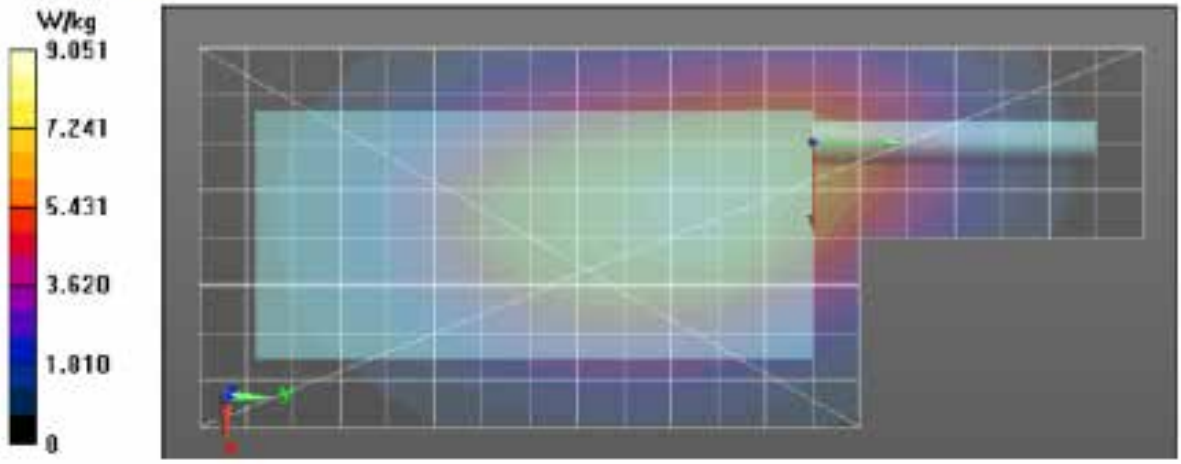
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 460 MHz; σ = 0.9 S/m; ε_r = 55.2; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 460 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 91.97 V/m; Power Drift = -0.24 dB
Fast SAR: SAR(1 g) = 8.55 W/kg; SAR(10 g) = 6.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.35 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 91.97 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 8.67 W/kg; SAR(10 g) = 6.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.65 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.53 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7964A w/ PMLN7965A
Table 55

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/18/2019 1:56:03 PM

Robot#: DASY5-PG-4	Run#: FD(BL)-AB-190118-08#
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.8 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	450.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	5.55 (W)

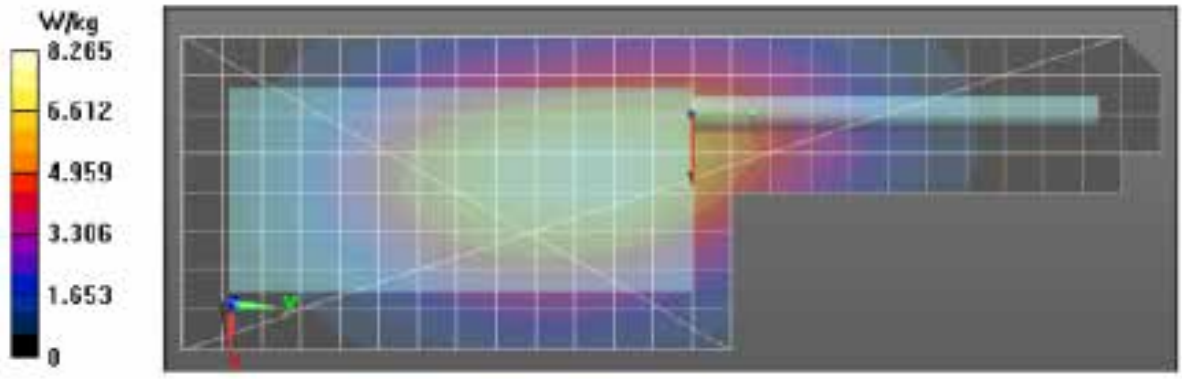
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ε_r = 55.3; 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/Ab Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 86.32 V/m; Power Drift = -0.23 dB
Fast SAR: SAR(1 g) = 7.95 W/kg; SAR(10 g) = 5.76 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.60 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 = 86.32 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 5.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.74 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.75 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7964A w/ PMLN5407A
Table 56

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/18/2019 10:50:26 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190118-15
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.9 (C)
Serial#:	437TUX0096
Antenna:	PMAE4102A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	5.53 (W)

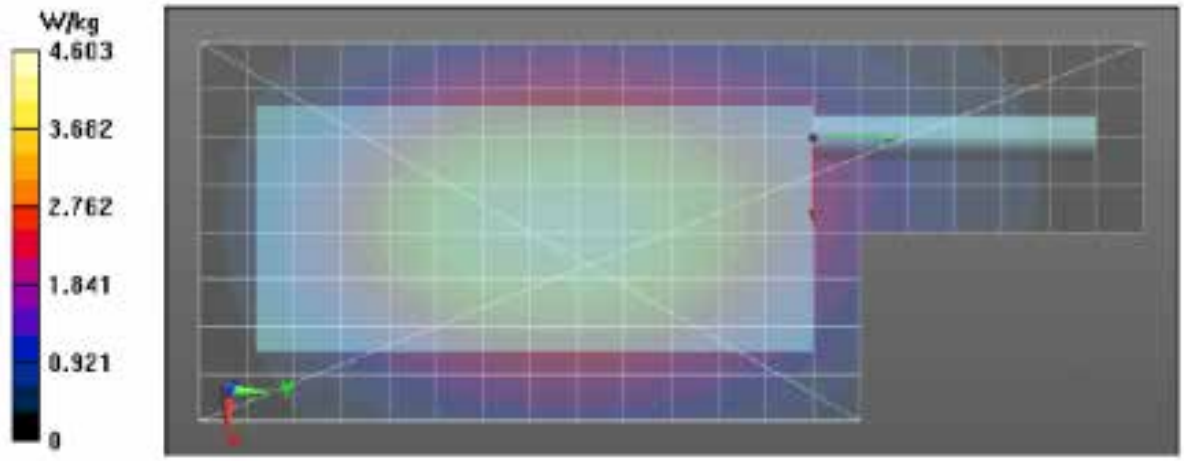
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.95 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.23 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 4.12 W/kg; SAR(10 g) = 3 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.61 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.23 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 5.51 W/kg
SAR(1 g) = 4.02 W/kg; SAR(10 g) = 3.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.47 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.46 W/kg



Assessment UHF R2 at the Body with Body worn PMLN7964A w/ PMLN5408A
Table 57

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/20/2019 10:35:02 AM

Robot#: DASY5-PG-4	Run#: AN-AB-190120-03
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.6 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	5.55 (W)

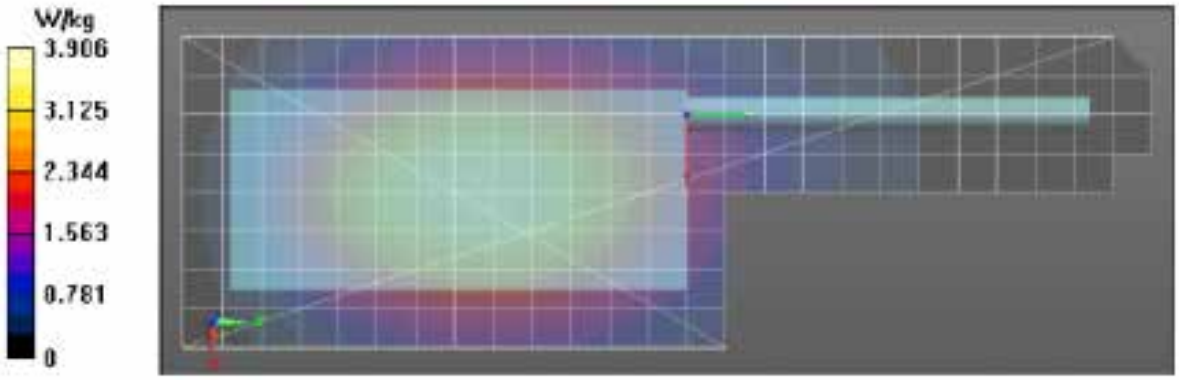
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.95 S/m; ε_r = 54.4; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.55 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 3.5 W/kg; SAR(10 g) = 2.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.92 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 = 54.55 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 4.71 W/kg
SAR(1 g) = 3.44 W/kg; SAR(10 g) = 2.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.82 W/kg

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



Assessment UHF R2 at the Body with Body worn PMLN7964A w/ PMLN5409A
Table 58

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/20/2019 6:52:25 PM

Robot#: DASY5-PG-4	Run#: FD(BL)-AB-190120-08
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.4 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	5.60 (W)

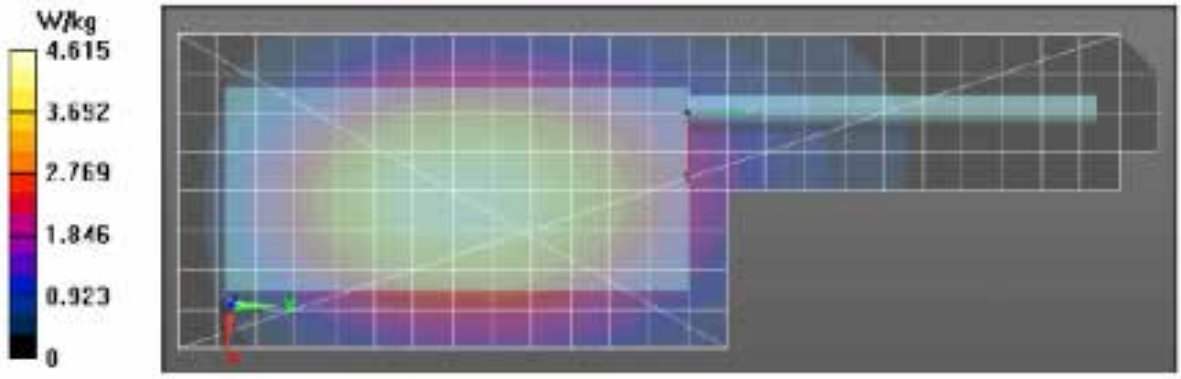
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.95 S/m; ε_r = 54.4; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 56.55 V/m; Power Drift = -0.31 dB
Fast SAR: SAR(1 g) = 4.16 W/kg; SAR(10 g) = 3.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.66 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.55 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 5.62 W/kg
SAR(1 g) = 4.08 W/kg; SAR(10 g) = 3.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.52 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.48 W/kg



Assessment UHF R2 at the Body with other audio accessories
Table 59

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/21/2019 4:24:03 AM

Robot#: DASY5-PG-4 | Run#:	FD(BL)-AB-190121-04#
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	21.0 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	481.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	NMN6274B
Start Power:	5.60 (W)

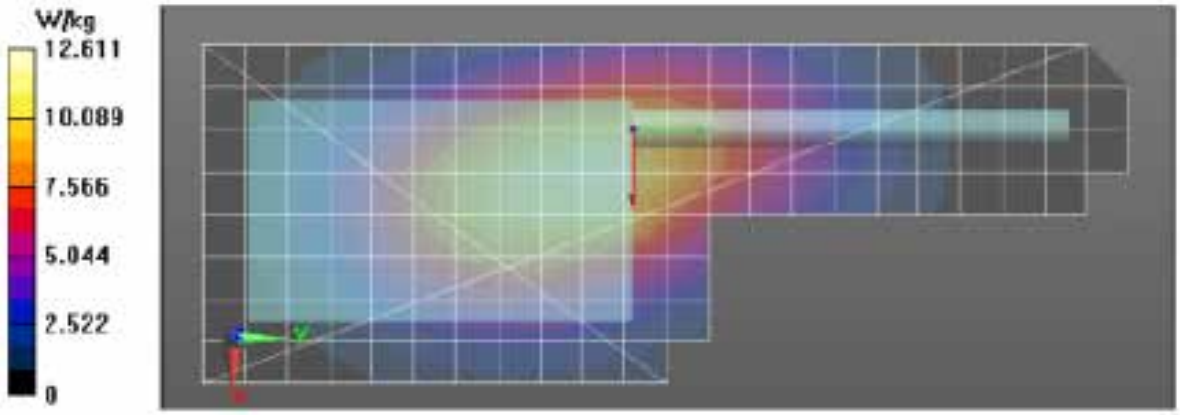
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 481 MHz; σ = 0.93 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 481 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 104.7 V/m; Power Drift = -0.22 dB
Fast SAR: SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.6 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 = 104.7 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.14 W/kg (SAR corrected for target medium)

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



Assessment of UHF R2 wireless BT configuration
Table 60

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/22/2019 4:48:03 AM

Robot#: DASY5-PG-4 | Run#:	FD(BL)-AB-190122-05#
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	21.9 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	481.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	5.60 (W)

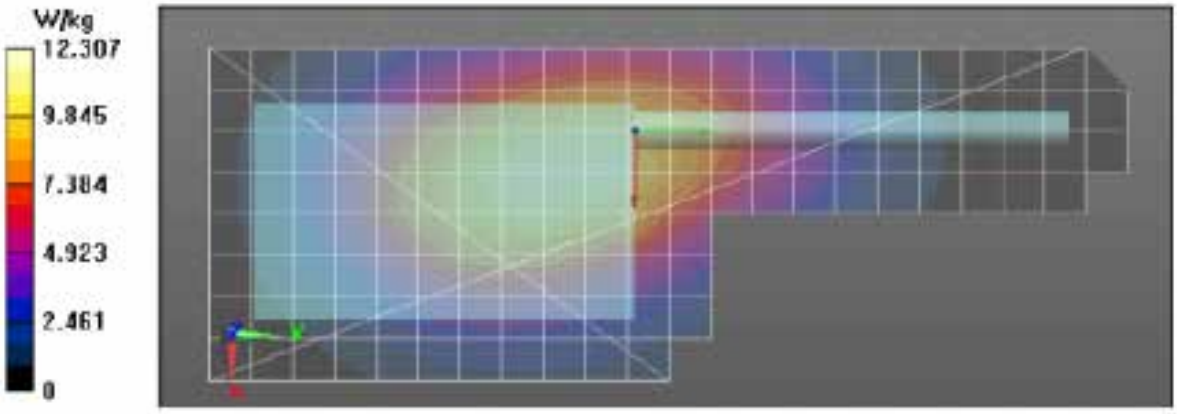
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 481 MHz; σ = 0.94 S/m; ε_r = 54.3; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 481 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 108.2 V/m; Power Drift = -0.19 dB
Fast SAR: SAR(1 g) = 11 W/kg; SAR(10 g) = 7.97 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.3 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 = 108.2 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 10.8 W/kg; SAR(10 g) = 8.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 12.1 W/kg

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



Assessment of PSM Configuration (UHF R2)
Table 62

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/27/2019 1:29:30 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190127-09
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	20.7 (C)
Serial#:	437TUX0096
Antenna:	PMAE4065A
Test Freq:	460.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	@ body
Audio Acc:	PMMN4061B
Start Power:	5.52 (W)

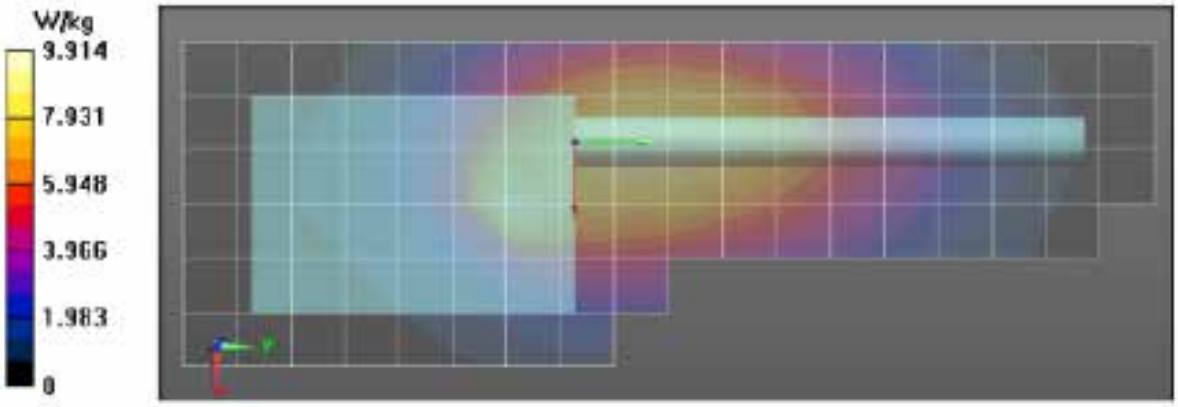
Comments: PSM Power, 4.65 W

Duty Cycle: 1:1, Medium parameters used: f = 460 MHz; σ = 0.91 S/m; ε_r = 54.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 460 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 (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 102.6 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 8.97 W/kg; SAR(10 g) = 6.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.7 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 102.6 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 8.88 W/kg; SAR(10 g) = 6.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.9 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) = 10.7 W/kg



Assessment UHF R2 at the Face of Front Configuration
Table 64

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/24/2019 4:02:46 PM

Robot#: DASY5-PG-4 | Run#: AN-FACE-190124-07

Model#:	PNUW1100A
Phantom#:	ELI5 1147
Tissue Temp:	21.1 (C)
Serial#:	437TUX0096
Antenna:	PMAE4102A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ front
Audio Acc:	None
Start Power:	5.50 (W)

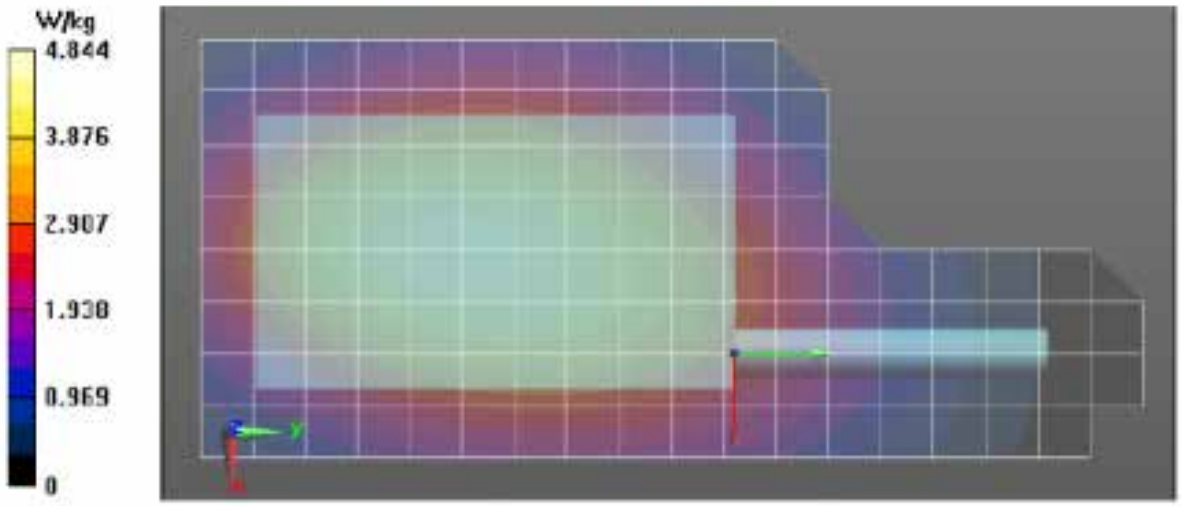
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.89 S/m; ε_r = 41.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 63.90 V/m; Power Drift = -0.25 dB
Fast SAR: SAR(1 g) = 4.34 W/kg; SAR(10 g) = 3.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.85 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 = 63.90 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 5.78 W/kg
SAR(1 g) = 4.25 W/kg; SAR(10 g) = 3.21 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.72 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.70 W/kg



Assessment UHF R2 at the Face of Back Configuration
Table 65

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/25/2019 8:47:06 AM

Robot#: DASY5-PG-4	Run#: AN-FACE-190125-05#
Model#:	PNUW1100A
Phantom#:	ELI5 1147
Tissue Temp:	20.7 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	496.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ back
Audio Acc:	None
Start Power:	5.50 (W)

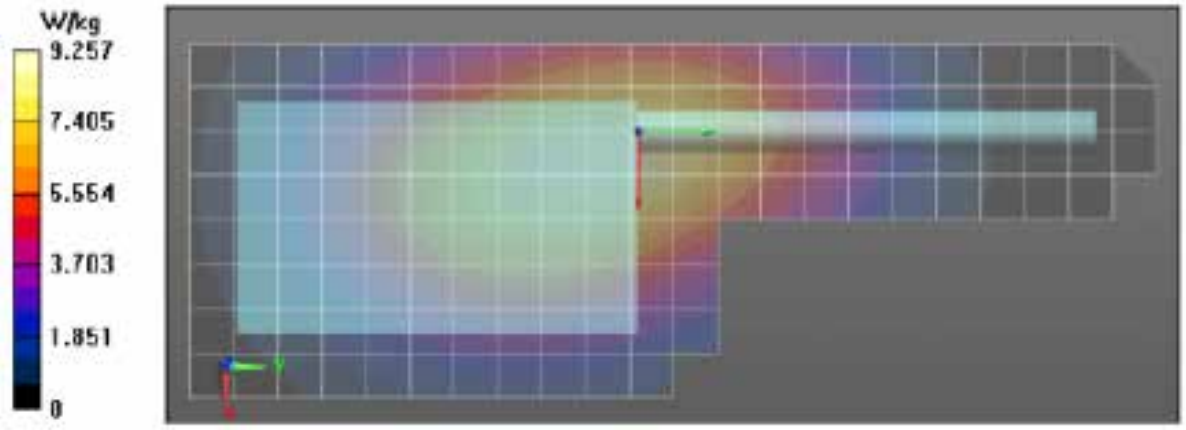
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 497 MHz; σ = 0.89 S/m; ε_r = 41.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 496.5 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 99.22 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 8.34 W/kg; SAR(10 g) = 6.1 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.31 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 = 99.22 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 8.23 W/kg; SAR(10 g) = 6.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.19 W/kg

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



Assessment for ISED Canada (UHF R2) - Body
Table 66

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/14/2019 7:34:54 PM

Robot#: DASY5-PG-2	Run#: AM-AB-190314-16
Model#:	PNUW1100A
Phantom#:	ELI5 1150
Tissue Temp:	20.2 (C)
Serial#:	437P1C0045
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	BDN6783B w/ RLN5312B
Start Power:	5.40 (W)

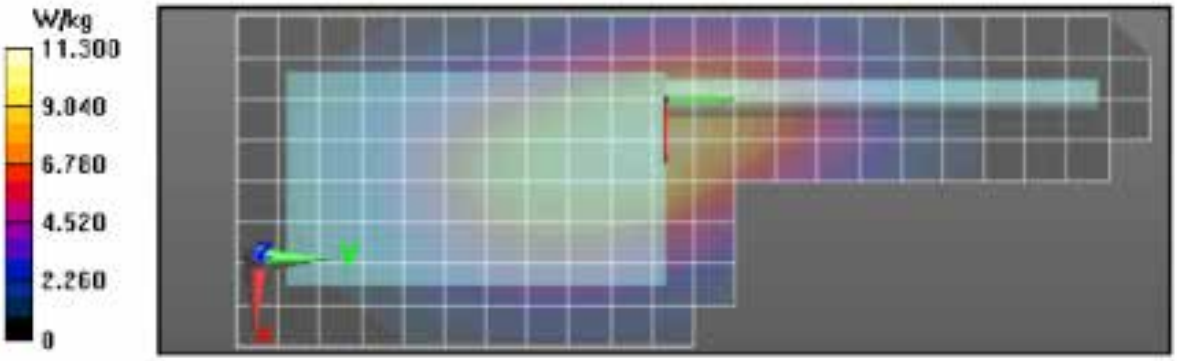
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.98 S/m; ε_r = 54.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 470 MHz, ConvF(11.27, 11.27, 11.27); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 96.61 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.31 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.4 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 = 96.61 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 11.4 W/kg

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



Assessment for ISED Canada (UHF R2) - Face
Table 66

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/15/2019 7:43:01 AM

Robot#: DASY5-PG-2 | Run#:	LOH-FACE-190315-04#
Model#:	PNUW1100A
Phantom#:	ELI4 1103
Tissue Temp:	20.1 (C)
Serial#:	437P1C0045
Antenna:	PMAE4022B
Test Freq:	450.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	@ back
Audio Acc:	None
Start Power:	5.43 (W)

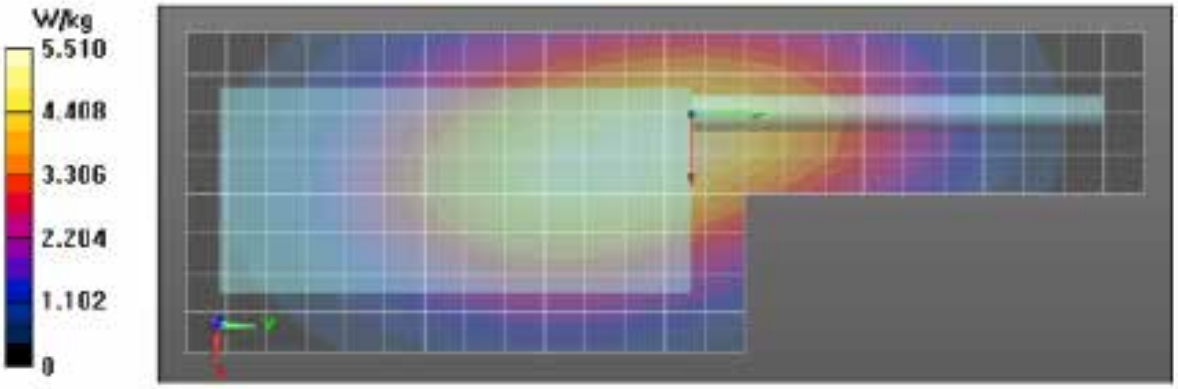
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 450 MHz; σ = 0.89 S/m; ϵ_r = 43.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 450 MHz, ConvF(10.99, 10.99, 10.99); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 78.07 V/m; Power Drift = -0.40 dB
Fast SAR: SAR(1 g) = 4.66 W/kg; SAR(10 g) = 3.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.52 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 78.07 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 5.42 W/kg; SAR(10 g) = 3.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.16 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.07 W/kg



Assessment for outside FCC (UHF R2) - Body
Table 67

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/28/2019 6:45:32 PM

Robot#: DASY5-PG-4 | Run#:	AN-AB-190128-02
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	21.1 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	520.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	NMN6274B
Start Power:	5.57 (W)

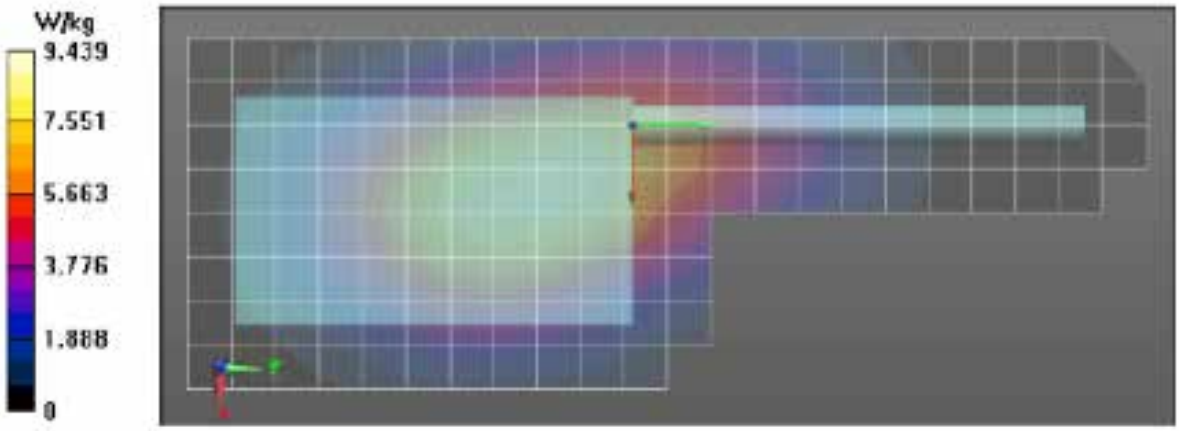
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 520 MHz; σ = 0.97 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 520 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 86.60 V/m; Power Drift = -0.21 dB
Fast SAR: SAR(1 g) = 8.55 W/kg; SAR(10 g) = 6.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.62 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 86.60 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 8.28 W/kg; SAR(10 g) = 6.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.47 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.34 W/kg



Assessment for outside FCC (UHF R2) - Face
Table 67

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/29/2019 8:45:04 PM

Robot#: DASY5-PG-4 | Run#:	AN-FACE-190129-03
Model#:	PNUW1100A
Phantom#:	ELI5 1147
Tissue Temp:	21.2 (C)
Serial#:	437TUX0096
Antenna:	PMAE4049A
Test Freq:	520.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	@ back
Audio Acc:	None
Start Power:	5.52 (W)

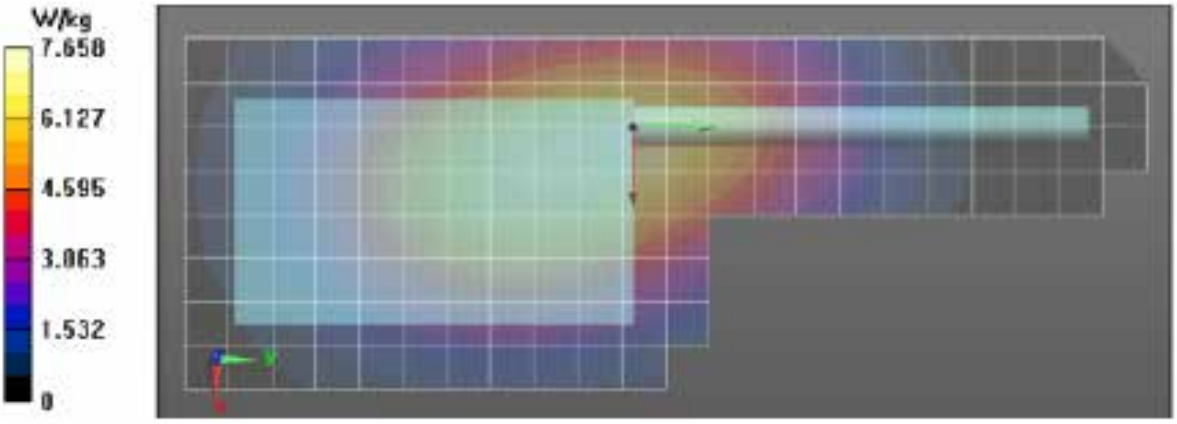
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 520 MHz; σ = 0.92 S/m; ε_r = 41.6; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 520 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 (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 88.84 V/m; Power Drift = -0.16 dB
Fast SAR: SAR(1 g) = 6.87 W/kg; SAR(10 g) = 5.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.68 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 = 88.84 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 9.39 W/kg
SAR(1 g) = 6.76 W/kg; SAR(10 g) = 5.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.55 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.53 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7947A w/ NTN8266B
Table 69

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/29/2019 10:40:19 PM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190129-16
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.3 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	769.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	2.92 (W)

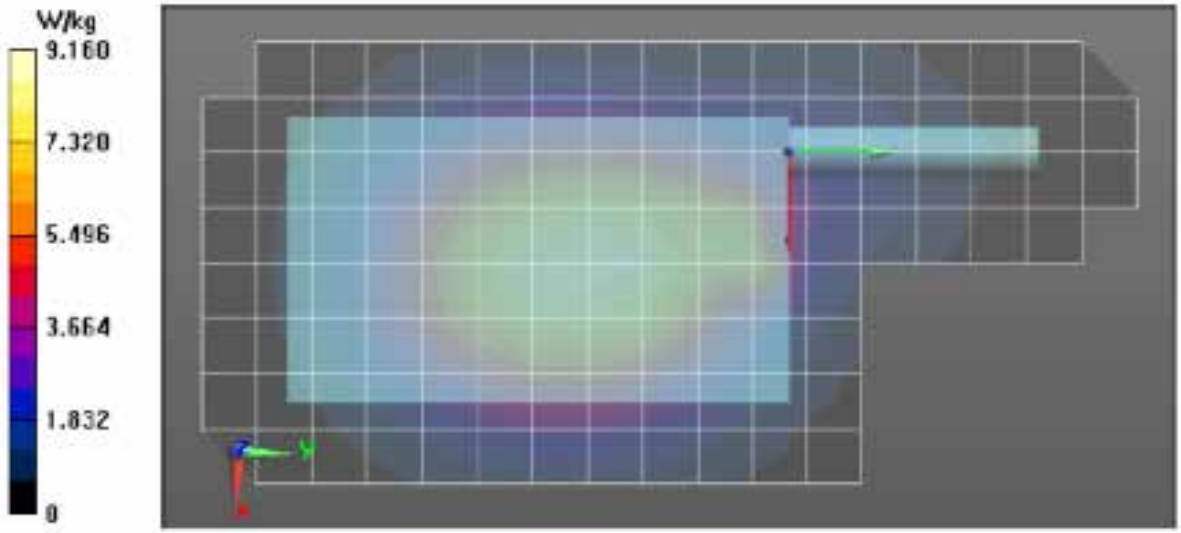
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.92 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 66.27 V/m; Power Drift = -0.16 dB
Fast SAR: SAR(1 g) = 7.77 W/kg; SAR(10 g) = 5.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.18 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 = 66.27 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 9.79 W/kg
SAR(1 g) = 7.97 W/kg; SAR(10 g) = 6.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.94 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.89 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7947A w/ PMLN7965A
Table 70

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/31/2019 1:54:50 PM

Robot#: DASY5-PG-1	Run#: FD(BL)-AB-190131-10
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.0 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	774.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	2.92 (W)

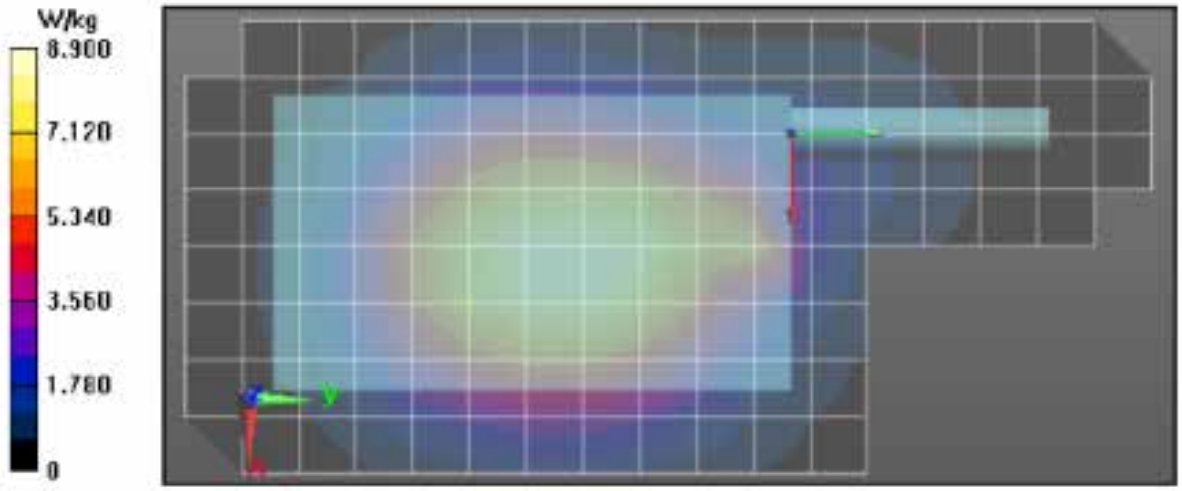
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 775 MHz; σ = 0.94 S/m; ε_r = 53.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 774.987 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 64.05 V/m; Power Drift = -0.78 dB
Fast SAR: SAR(1 g) = 7.53 W/kg; SAR(10 g) = 5.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.04 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.05 V/m; Power Drift = -0.87 dB
Peak SAR (extrapolated) = 9.15 W/kg
SAR(1 g) = 7.3 W/kg; SAR(10 g) = 5.57 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.34 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.28 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7948A w/ NTN8266B
Table 71

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/1/2019 11:14:00 AM

Robot#: DASY5-PG-1 | Run#:	FD(BL)-AB-190201-10
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.3 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	774.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	2.92 (W)

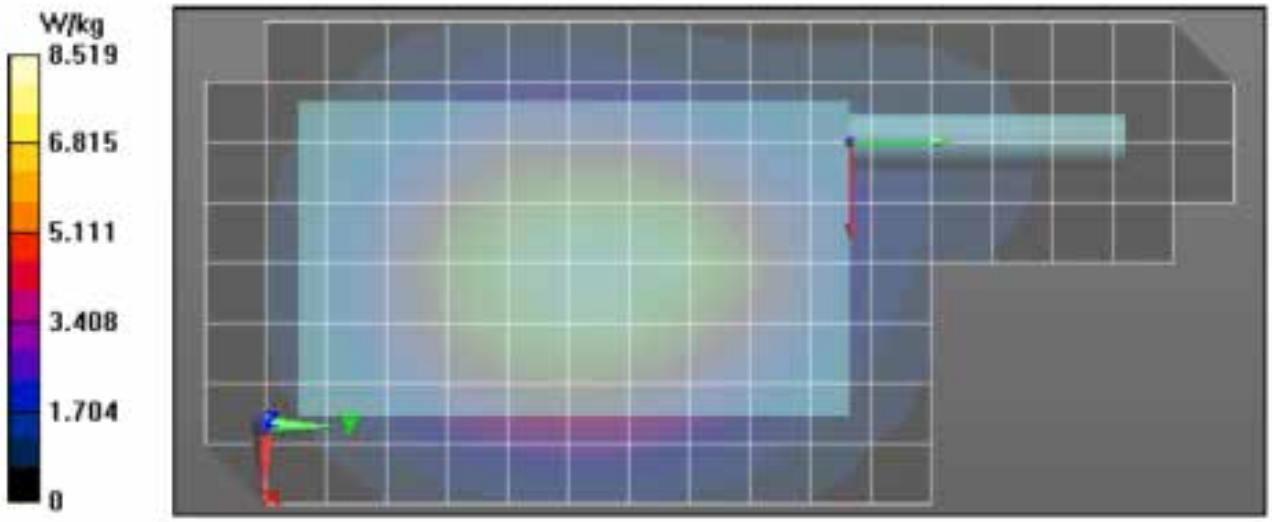
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 775 MHz; σ = 0.93 S/m; ε_r = 53.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 774.987 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 71.60 V/m; Power Drift = -1.17 dB
Fast SAR: SAR(1 g) = 7.23 W/kg; SAR(10 g) = 5.06 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.63 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 = 103.6 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 8.15 W/kg; SAR(10 g) = 6.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.30 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.37 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7948A w/ PMLN7965A
Table 72

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/2/2019 12:44:35 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190202-02#
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.9 (C)
Serial#: 437P1C0045
Antenna: AN000296A01
Test Freq: 774.9875 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7948A w/ PMLN7965A
Audio Acc: PMMN4123A
Start Power: 2.91 (W)

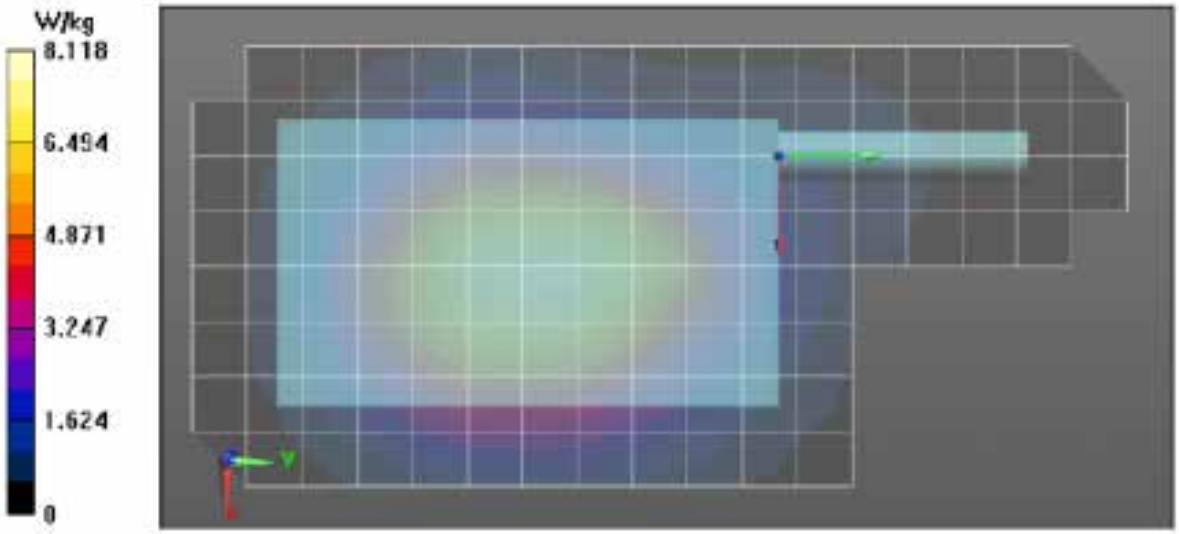
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 775 MHz; σ = 0.93 S/m; ε_r = 53.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 774.987 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 63.83 V/m; Power Drift = -0.90 dB
Fast SAR: SAR(1 g) = 6.87 W/kg; SAR(10 g) = 4.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.22 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 = 63.83 V/m; Power Drift = -1.01 dB
Peak SAR (extrapolated) = 8.08 W/kg
SAR(1 g) = 6.49 W/kg; SAR(10 g) = 4.92 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.35 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) = 7.23 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7948A w/ PMLN5407A
Table 73

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/3/2019 9:38:21 PM

Robot#: DASY5-PG-1 | Run#:	FD(BL)-AB-190203-12
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.5 (C)
Serial#:	437P1C0045
Antenna:	PMAF4022A
Test Freq:	769.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	2.91 (W)

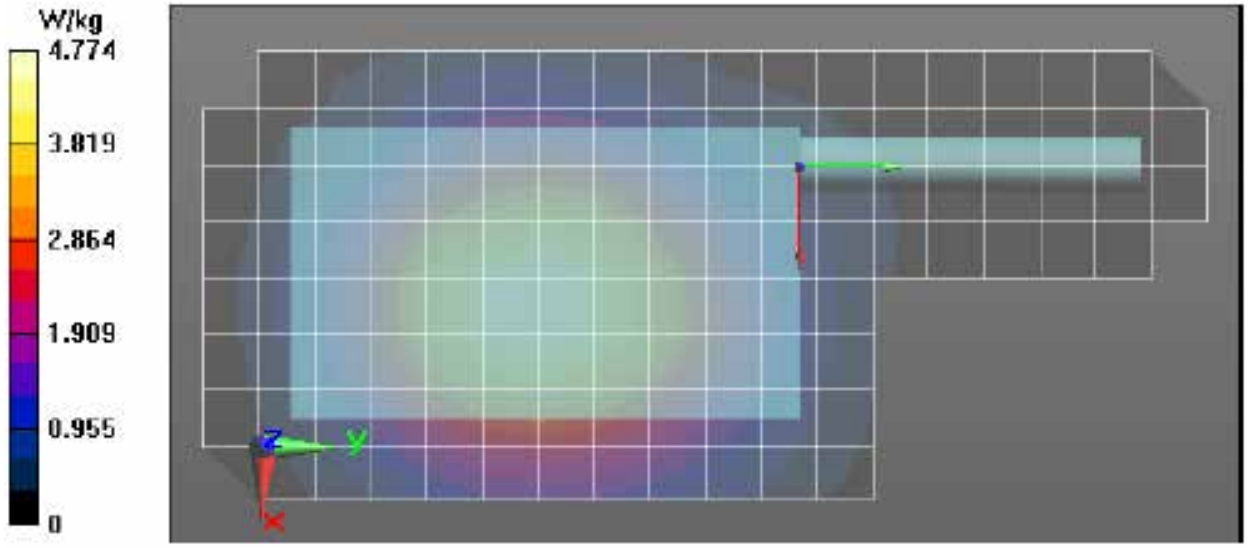
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.95 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.31 V/m; Power Drift = -1.55 dB
Fast SAR: SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.92 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 = 78.87 V/m; Power Drift = -0.70 dB
Peak SAR (extrapolated) = 5.87 W/kg
SAR(1 g) = 4.64 W/kg; SAR(10 g) = 3.55 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.30 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.07 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7948A w/ PMLN5408A
Table 74

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/4/2019 12:07:40 AM

Robot#: DASY5-PG-1	Run#: FD(BL)-AB-190203-15
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	769.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	2.92 (W)

Comments: Shorten Scan

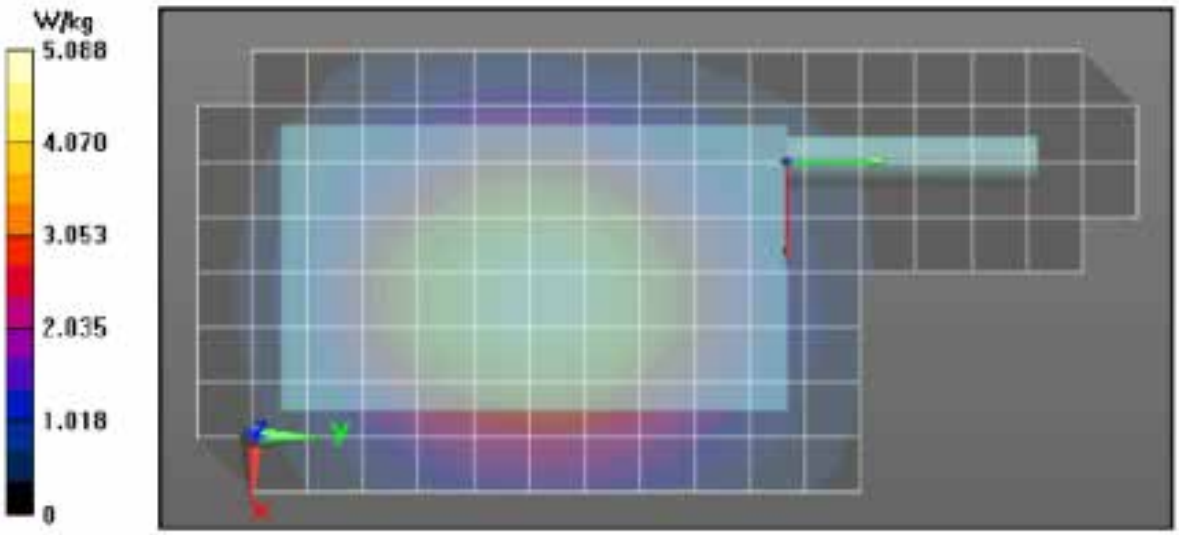
Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.95 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 56.16 V/m; Power Drift = -1.40 dB
Fast SAR: SAR(1 g) = 4.32 W/kg; SAR(10 g) = 3.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.21 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 = 56.16 V/m; Power Drift = -1.50 dB
Fast SAR: SAR(1 g) = 3.83 W/kg; SAR(10 g) = 2.76 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.58 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 = 82.73 V/m; Power Drift = -0.84 dB
Peak SAR (extrapolated) = 6.42 W/kg
SAR(1 g) = 5.08 W/kg; SAR(10 g) = 3.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.87 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.42 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7948A w/ PMLN5409A
Table 75

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/4/2019 5:35:12 AM

Robot#: DASY5-PG-1 | Run#:	FD(BL)-AB-190204-06#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.8 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	769.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	2.92 (W)

Comments: Shorten Scan

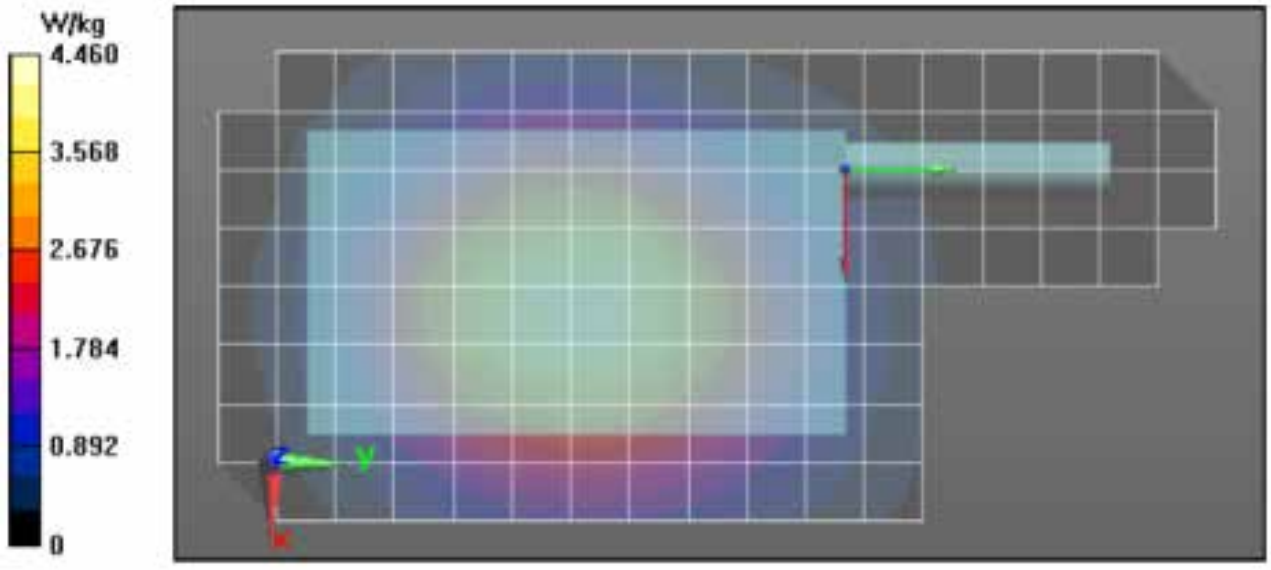
Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.95 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.49 V/m; Power Drift = -1.37 dB
Fast SAR: SAR(1 g) = 3.76 W/kg; SAR(10 g) = 2.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.55 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 = 54.49 V/m; Power Drift = -1.47 dB
Fast SAR: SAR(1 g) = 3.34 W/kg; SAR(10 g) = 2.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.01 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 = 76.90 V/m; Power Drift = -0.73 dB
Peak SAR (extrapolated) = 5.77 W/kg
SAR(1 g) = 4.52 W/kg; SAR(10 g) = 3.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.22 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.86 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7964A w/ NTN8266B
Table 76

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/4/2019 11:31:07 AM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190204-13
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	769.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	2.91 (W)

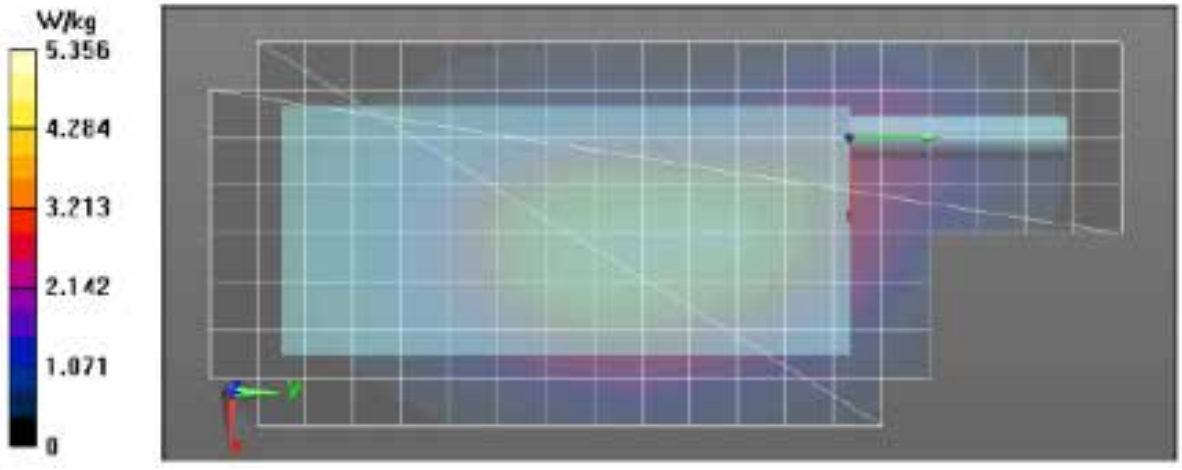
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.94 S/m; ε_r = 55; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.80 V/m; Power Drift = -0.93 dB
Fast SAR: SAR(1 g) = 4.43 W/kg; SAR(10 g) = 3.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.39 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.91 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 5.85 W/kg
SAR(1 g) = 4.15 W/kg; SAR(10 g) = 3.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.00 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.07 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7964A w/ PMLN7965A
Table 77

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/4/2019 6:45:02 PM

Robot#: DASY5-PG-1 | Run#:	FD(BL)-AB-190204-17
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.7 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	769.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN7965A
Audio Acc.:	PMMN4123A
Start Power:	2.91 (W)

Comments:

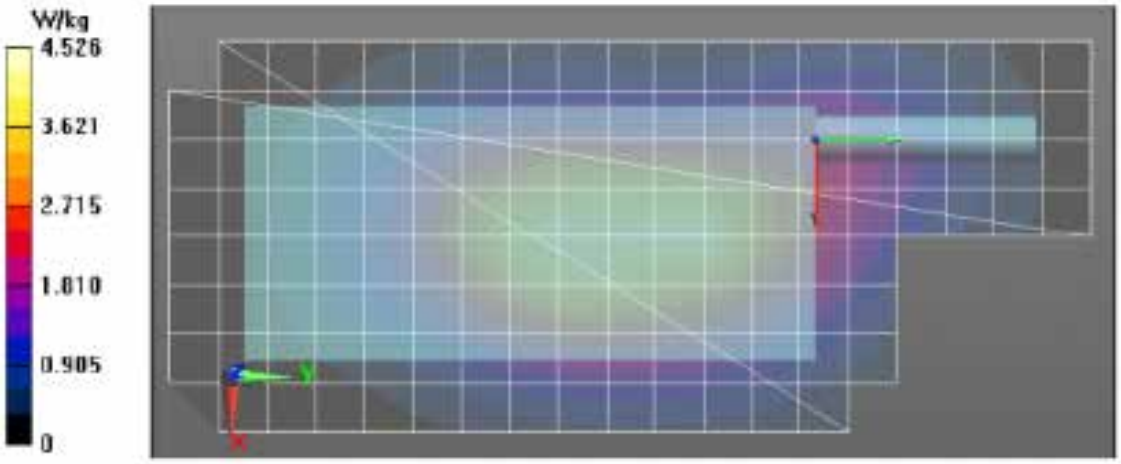
Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.94 S/m; ε_r = 55; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.65 V/m; Power Drift = -1.18 dB
Fast SAR: SAR(1 g) = 3.75 W/kg; SAR(10 g) = 2.57 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.62 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 = 50.65 V/m; Power Drift = -1.30 dB
Fast SAR: SAR(1 g) = 3.44 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 74.97 V/m; Power Drift = -0.60 dB
Peak SAR (extrapolated) = 5.89 W/kg
SAR(1 g) = 4.15 W/kg; SAR(10 g) = 3.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.04 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.12 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7964A w/ PMLN5407A
Table 78

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/5/2019 1:44:49 AM

Robot#: DASY5-PG-1 | Run#: FD(BL)-AB-190205-02#
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.7 (C)
Serial#: 437P1C0045
Antenna: PMAF4022A
Test Freq: 769.0125 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN5407A
Audio Acc: PMMN4123A
Start Power: 2.90 (W)

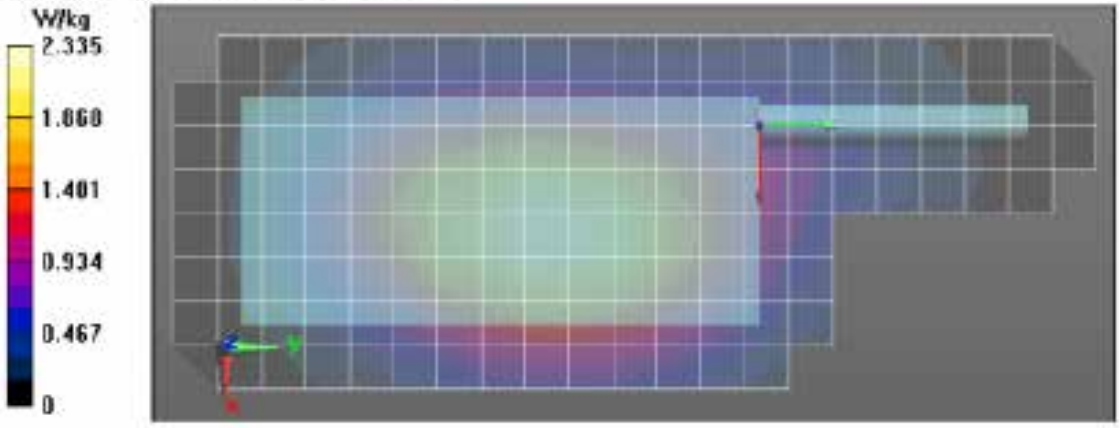
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.94 S/m; ε_r = 55; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 39.81 V/m; Power Drift = -1.44 dB
Fast SAR: SAR(1 g) = 2 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.39 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 = 56.07 V/m; Power Drift = -0.42 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.84 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) = 1.96 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7964A w/ PMLN5408A
Table 79

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/5/2019 5:43:41 AM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190205-06#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.7 (C)
Serial#:	437P1C0045
Antenna:	PMAF4022A
Test Freq:	769.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	2.90 (W)

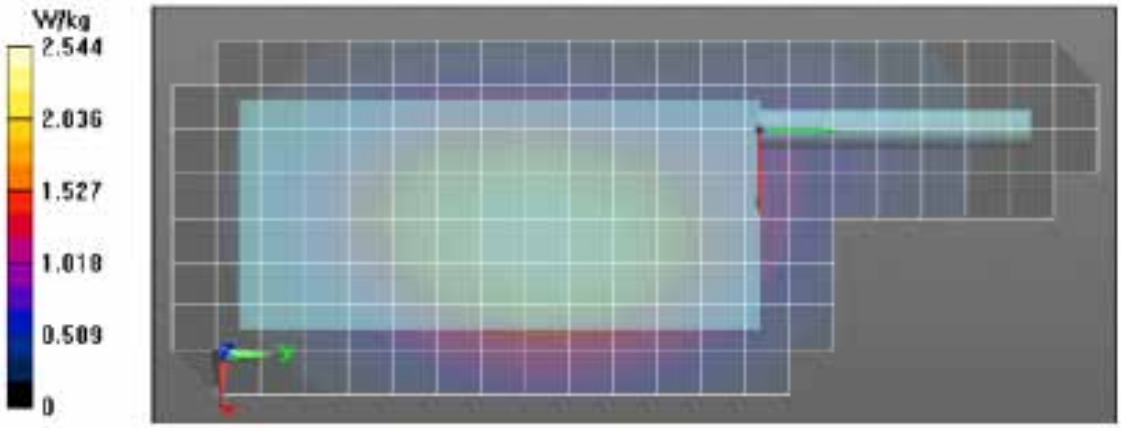
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.94 S/m; ε_r = 55; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.50 V/m; Power Drift = -1.31 dB
Fast SAR: SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.53 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.60 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.47 V/m; Power Drift = -0.62 dB
Peak SAR (extrapolated) = 3.10 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.78 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.14 W/kg



Assessment 769-775MHz at the Body with Body worn PMLN7964A w/ PMLN5409A
Table 80

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/5/2019 8:39:04 AM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190205-09
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.0 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	769.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	2.92 (W)

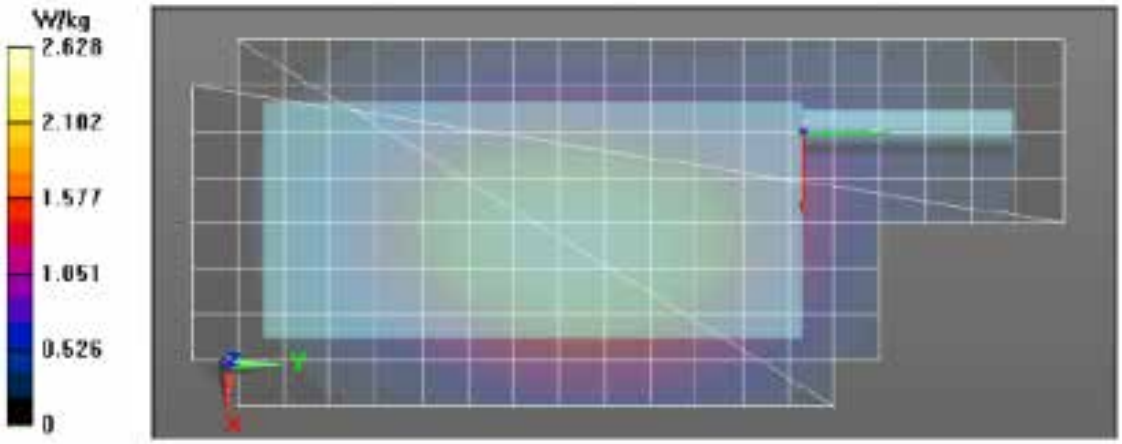
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.94 S/m; ε_r = 54.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.77 V/m; Power Drift = -0.57 dB
Fast SAR: SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.72 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 = 52.75 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.72 W/kg
SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.45 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.49 W/kg



Assessment at the Body with other audio accessories (769-775MHz)
Table 81

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/5/2019 11:58:23 PM

Robot#: DASY5-PG-1 | Run#:	BL-AB-190205-17
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	772.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	PMLN6852A
Start Power:	2.90 (W)

Comments: Shorten Scan

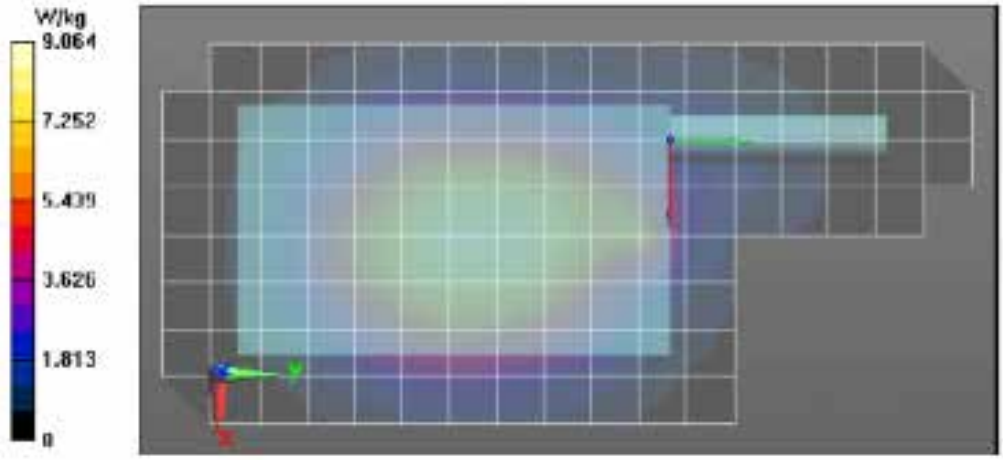
Duty Cycle: 1:1, Medium parameters used: f = 772 MHz; σ = 0.95 S/m; ε_r = 54.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 772 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 65.42 V/m; Power Drift = -0.81 dB
Fast SAR: SAR(1 g) = 7.54 W/kg; SAR(10 g) = 5.31 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.11 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 = 65.42 V/m; Power Drift = -0.93 dB
Fast SAR: SAR(1 g) = 6.78 W/kg; SAR(10 g) = 4.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.13 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 = 103.3 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 8.09 W/kg; SAR(10 g) = 6.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.26 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.81 W/kg



Assessment of wireless BT configuration (769-775MHz)
Table 82

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/6/2019 2:44:30 AM

Robot#: DASY5-PG-1 | Run#:	BL-AB-190206-03#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	772.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	None
Start Power:	2.90 (W)

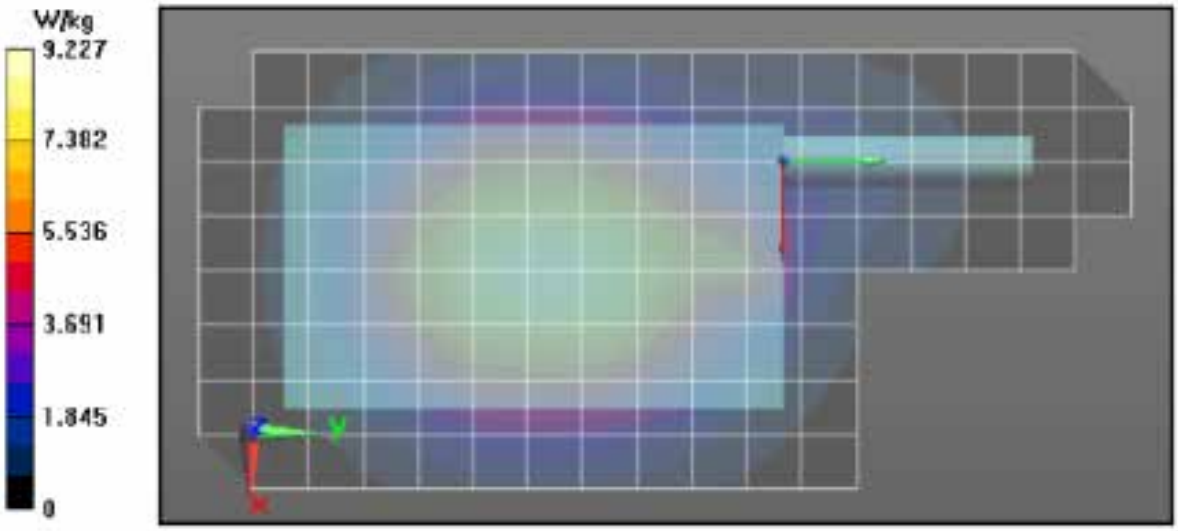
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 772 MHz; σ = 0.95 S/m; ε_r = 54.3; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 772 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 72.13 V/m; Power Drift = -0.70 dB
Fast SAR: SAR(1 g) = 7.68 W/kg; SAR(10 g) = 5.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.28 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 = 104.3 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 8.22 W/kg; SAR(10 g) = 6.28 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.44 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.91 W/kg



Assessment of PSM Configuration (769-775MHz)
Table 84

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/8/2019 7:54:54 PM

Robot#: DASY5-PG-1 | Run#:	BL-AB-190208-10
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	22.4 (C)
Serial#:	437P1C0045
Antenna:	PMAF4002A
Test Freq:	769.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	@ body
Audio Acc:	PMMN4059B
Start Power:	2.92 (W)

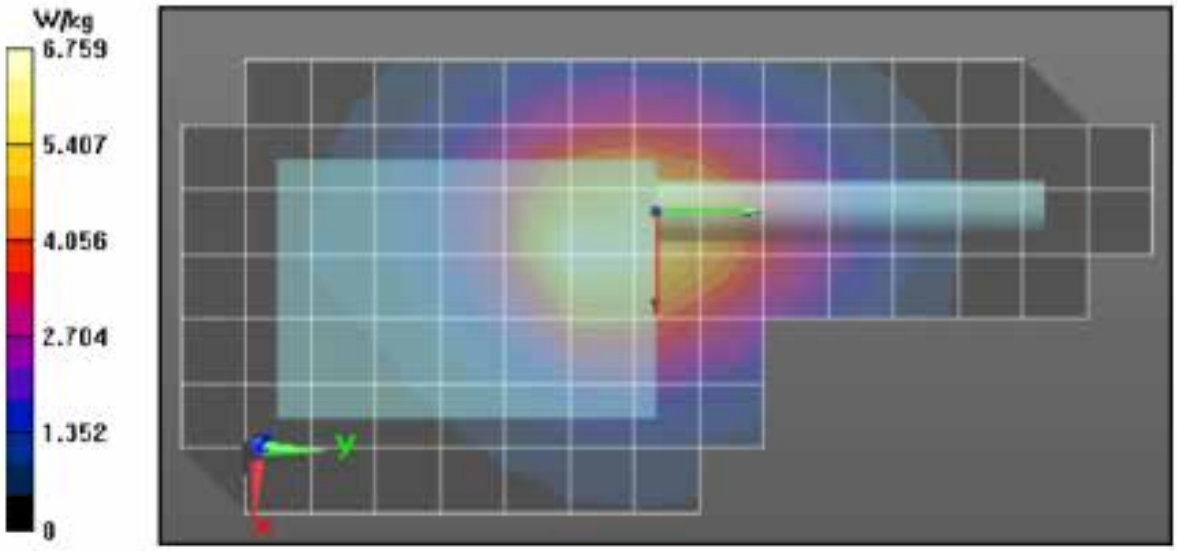
Comments: Power at PSM (2.45 W)

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.95 S/m; ϵ_r = 55.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 68.44 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 5.81 W/kg; SAR(10 g) = 3.9 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.24 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 68.44 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 7.97 W/kg
SAR(1 g) = 5.47 W/kg; SAR(10 g) = 3.76 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.73 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.62 W/kg



Assessment 769-775MHz at the Face of Front Configuration
Table 86

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/7/2019 10:38:41 AM

Robot#: DASY5-PG-1 | Run#:	ZR-FACE-190207-09
Model#:	PNUW1100A
Phantom#:	ELI4 1050
Tissue Temp:	22.0 (C)
Serial#:	437P1C0045
Antenna:	PMAF4022A
Test Freq:	769.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	None 2.5cm @ front
Audio Acc:	None
Start Power:	2.91 (W)

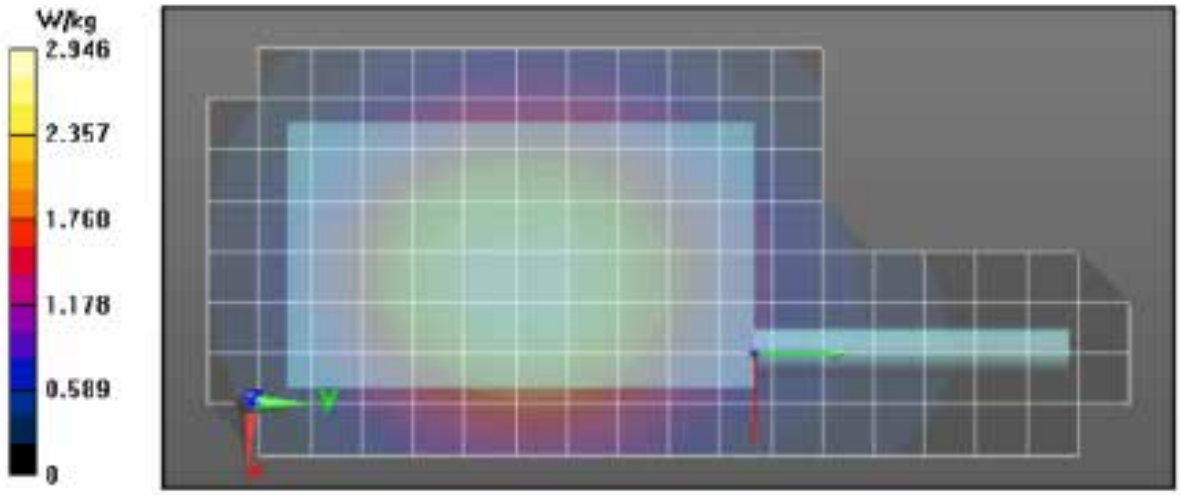
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.87 S/m; ε_r = 43.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.79, 8.79, 8.79); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.18 V/m; Power Drift = -0.91 dB
Fast SAR: SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.8 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.00 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 = 57.18 V/m; Power Drift = -1.03 dB
Peak SAR (extrapolated) = 3.09 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.80 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.79 W/kg



Assessment 769-775MHz at the Face of Back Configuration
Table 87

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/8/2019 4:21:01 AM

Robot#: DASY5-PG-1	Run#: BL-FACE-190208-04
Model#:	PNUW1100A
Phantom#:	ELI4 1050
Tissue Temp:	21.8 (C)
Serial#:	437P1C0045
Antenna:	NAF5080A
Test Freq:	769.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	None 2.5cm @ back
Audio Acc:	None
Start Power:	2.92 (W)

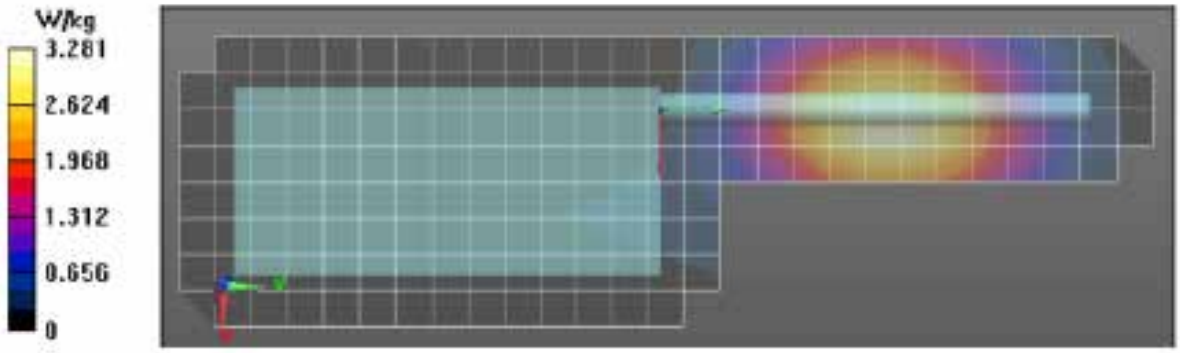
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 769 MHz; σ = 0.86 S/m; ε_r = 42.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 769.013 MHz, ConvF(8.79, 8.79, 8.79); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 66.97 V/m; Power Drift = -0.62 dB
Fast SAR: SAR(1 g) = 2.89 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.39 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.97 V/m; Power Drift = -0.69 dB
Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 2.86 W/kg; SAR(10 g) = 2.1 W/kg (SAR corrected for target medium)

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.26 W/kg



Assessment 799-824MHz at the Body with Body worn PMLN7947A w/ NTN8266B
Table 89

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/13/2019 5:13:41 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190113-02
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 21.3 (C)
Serial#: 437TUX0109
Antenna: AN000296A01
Test Freq: 808.5000 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7947A w/ NTN8266B
Audio Acc: PMMN4123A
Start Power: 3.50 (W)

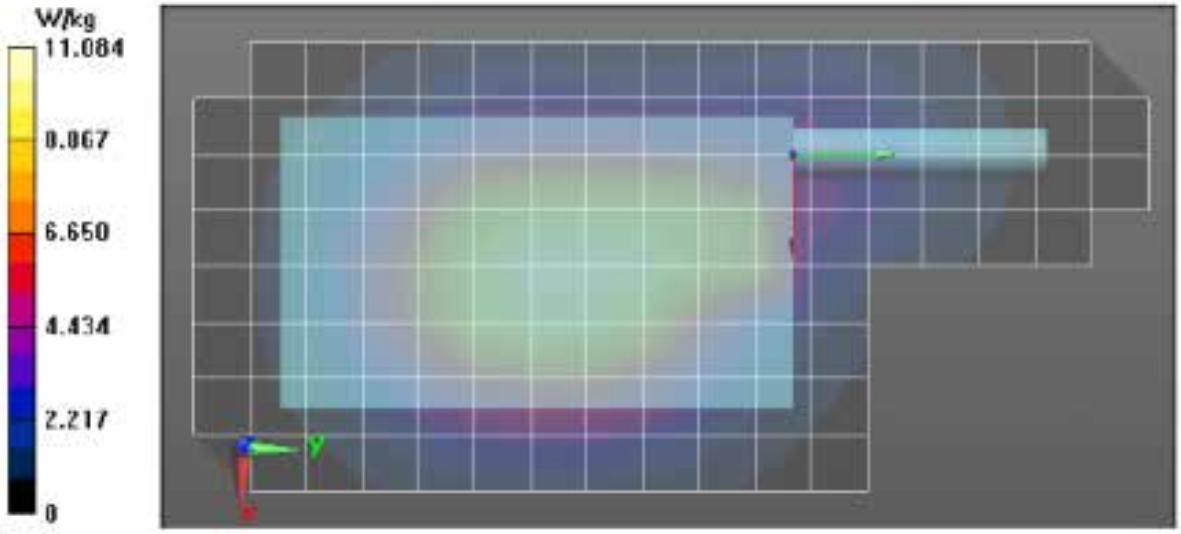
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; σ = 0.97 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 808.5 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 74.10 V/m; Power Drift = -0.44 dB
Fast SAR: SAR(1 g) = 9.21 W/kg; SAR(10 g) = 6.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.2 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 = 74.10 V/m; Power Drift = -0.46 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 9.46 W/kg; SAR(10 g) = 7.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.9 W/kg

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



Assessment 799-824MHz at the Body with Body worn PMLN7947A w/ PMLN7965A
Table 90

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/13/2019 10:58:11 PM

Robot#: DASY5-PG-1	Run#: ZR-AB-190113-10
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437TUX0109
Antenna:	AN000296A01
Test Freq:	808.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	3.49 (W)

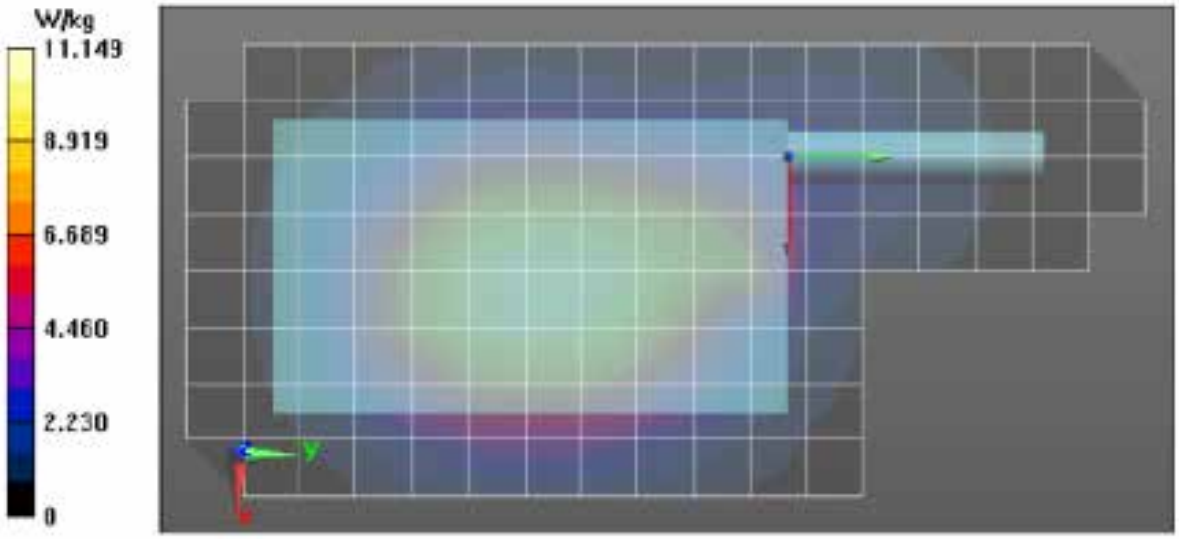
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; σ = 0.97 S/m; ε_r = 54.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 808.5 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 73.26 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 9.39 W/kg; SAR(10 g) = 6.58 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.4 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 = 73.26 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 9.56 W/kg; SAR(10 g) = 7.23 W/kg (SAR corrected for target medium)

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



Assessment 799-824MHz at the Body with Body worn PMLN7948A w/ NTN8266B
Table 91

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/14/2019 11:30:09 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190114-15
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 19.8 (C)
Serial#: 437TUX0109
Antenna: AN000296A01
Test Freq: 808.5 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7948A w/ NTN8266B
Audio Acc: PMMN4123A
Start Power: 3.49 (W)

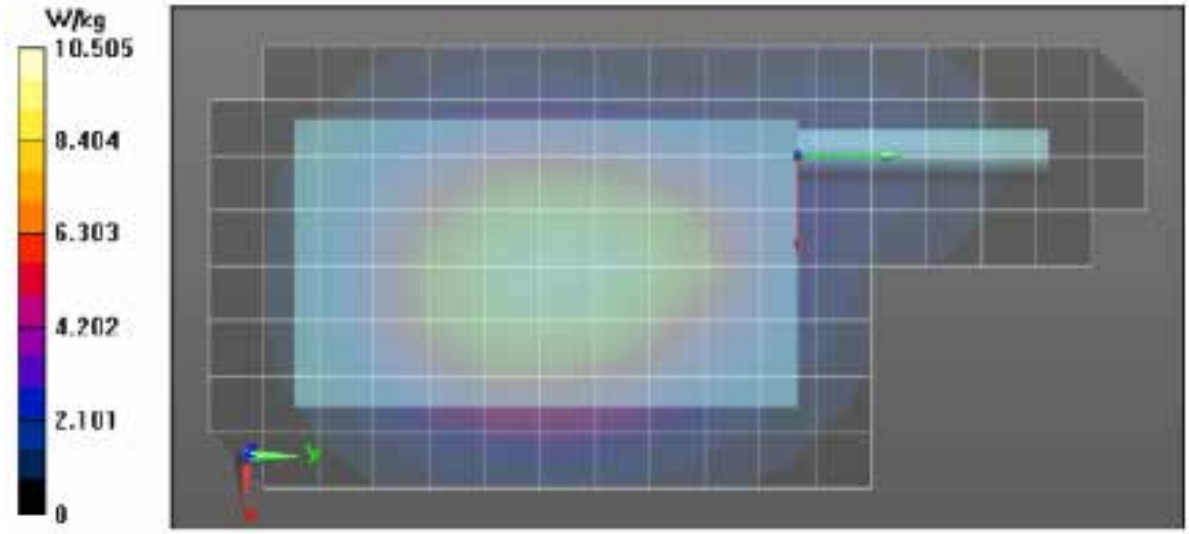
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; σ = 0.95 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 808.5 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 73.19 V/m; Power Drift = -0.43 dB
Fast SAR: SAR(1 g) = 8.78 W/kg; SAR(10 g) = 6.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.6 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 = 73.19 V/m; Power Drift = -0.47 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 9.03 W/kg; SAR(10 g) = 6.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.4 W/kg

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



Assessment 799-824MHz at the Body with Body worn PMLN7948A w/ PMLN7965A
Table 92

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/15/2019 11:41:07 AM

Robot#: DASY5-PG-1	Run#: FD(BL)-AB-190115-09#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	18.8 (C)
Serial#:	437TUX0109
Antenna:	AN000296A01
Test Freq:	808.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	3.45 (W)

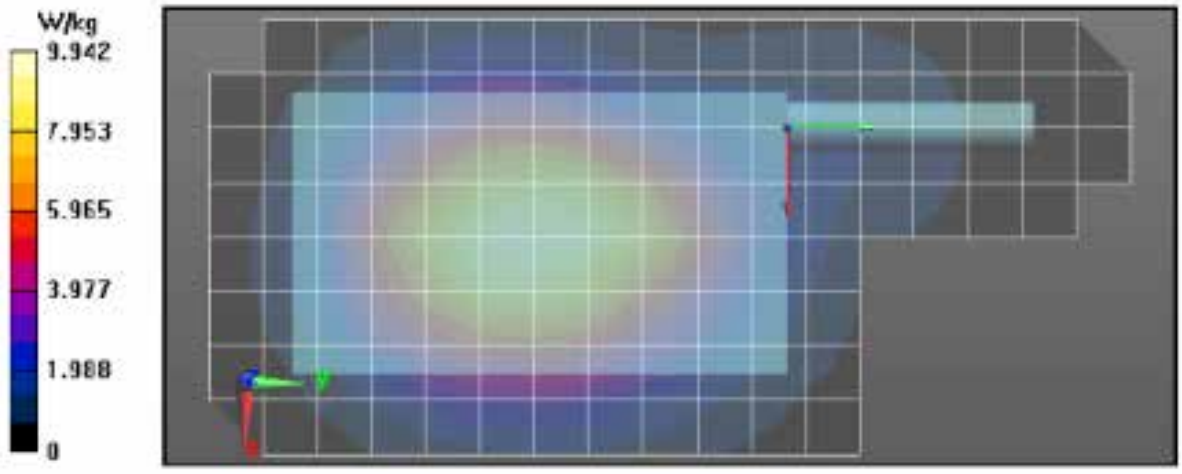
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; σ = 0.95 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 808.5 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 75.94 V/m; Power Drift = -0.08 dB
Fast SAR: SAR(1 g) = 8.27 W/kg; SAR(10 g) = 5.8 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.96 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 = 75.94 V/m; Power Drift = -0.45 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 8.9 W/kg; SAR(10 g) = 6.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.2 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.68 W/kg



Assessment 799-824MHz at the Body with Body worn PMLN7948A w/ PMLN5407A
Table 93

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/23/2019 10:25:21 AM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190123-03
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.7 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	823.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	3.55 (W)

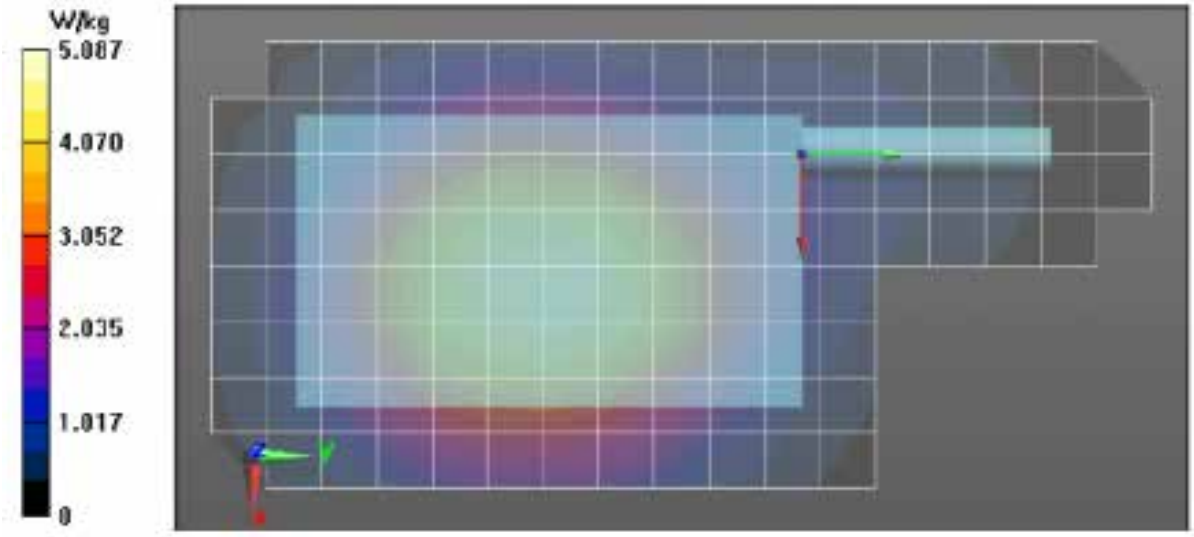
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 49.38 V/m; Power Drift = -0.30 dB
Fast SAR: SAR(1 g) = 4.31 W/kg; SAR(10 g) = 3.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.24 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 = 49.38 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 5.75 W/kg
SAR(1 g) = 4.42 W/kg; SAR(10 g) = 3.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.15 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.13 W/kg



Assessment 799-824MHz at the Body with Body worn PMLN7948A w/ PMLN5408A
Table 94

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/23/2019 2:22:20 PM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190123-07
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	823.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5408A
Audio Acc:	PMMN4123A
Start Power:	3.55 (W)

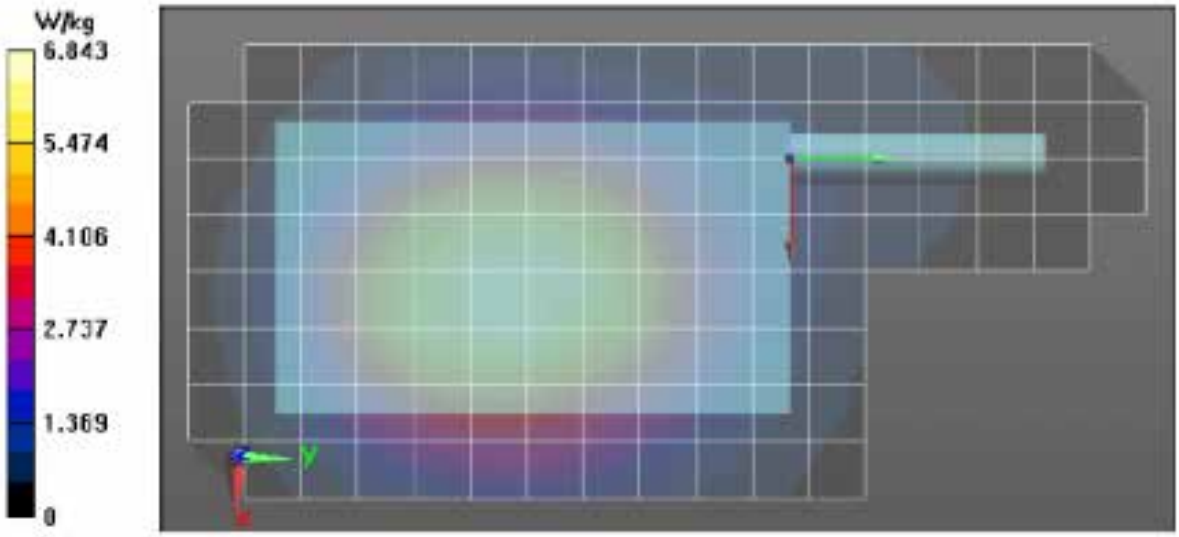
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.08 V/m; Power Drift = -0.51 dB
Fast SAR: SAR(1 g) = 5.85 W/kg; SAR(10 g) = 4.1 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.15 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 = 54.08 V/m; Power Drift = -0.59 dB
Peak SAR (extrapolated) = 8.12 W/kg
SAR(1 g) = 6.15 W/kg; SAR(10 g) = 4.53 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.30 W/kg

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



Assessment 799-824MHz at the Body with Body worn PMLN7948A w/ PMLN5409A
Table 95

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/23/2019 11:33:15 PM

Robot#: DASY5-PG-1 | Run#:	FD(BL)-AB-190123-12
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	823.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5409A
Audio Acc:	PMMN4123A
Start Power:	3.53 (W)

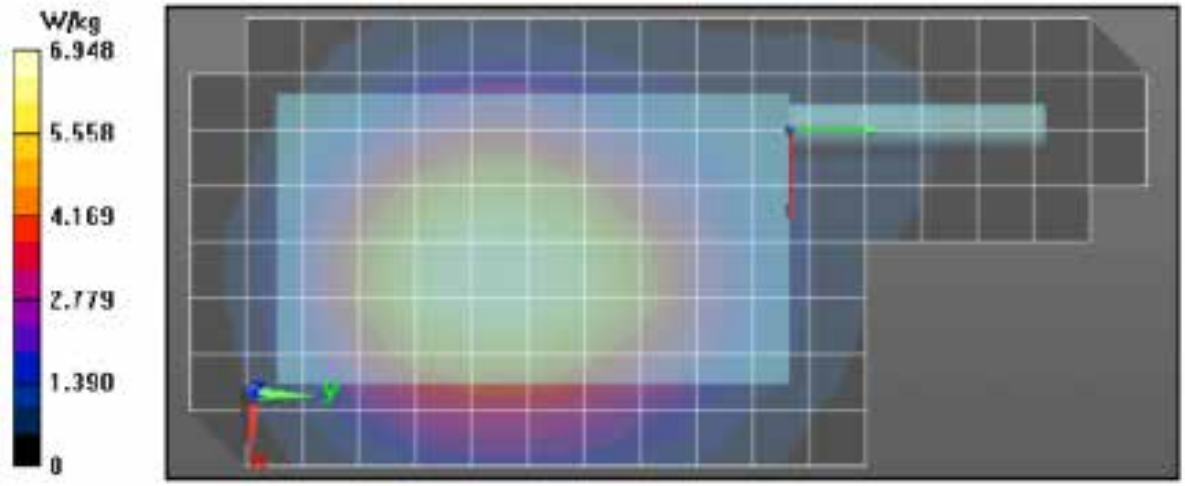
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ϵ_r = 54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.02 V/m; Power Drift = -0.44 dB
Fast SAR: SAR(1 g) = 5.95 W/kg; SAR(10 g) = 4.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.21 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 = 54.02 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 7.71 W/kg
SAR(1 g) = 6 W/kg; SAR(10 g) = 4.58 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.94 W/kg

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



Assessment 799-824MHz at the Body with Body worn PMLN7964A w/ NTN8266B
Table 96

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/24/2019 3:06:53 AM

Robot#: DASY5-PG-1 | Run#: FD(BL)-AB-190124-04#
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.6(C)
Serial#: 437P1C0122
Antenna: AN000296A01
Test Freq: 823.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ NTN8266B
Audio Acc: PMMN4123A
Start Power: 3.56 (W)

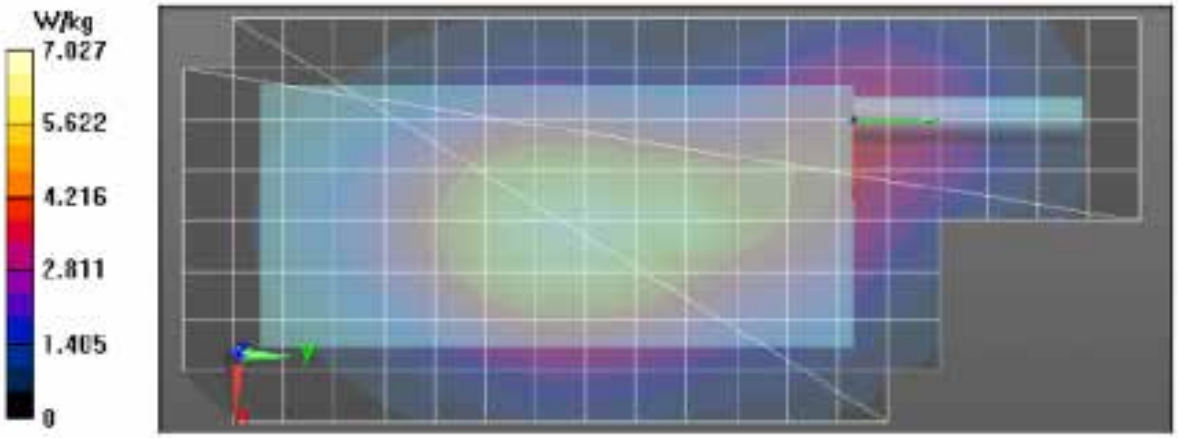
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.54 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 5.81 W/kg; SAR(10 g) = 4.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.08 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 = 59.54 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 7.67 W/kg
SAR(1 g) = 5.87 W/kg; SAR(10 g) = 4.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.85 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.83 W/kg



Assessment 799-824MHz at the Body with Body worn PMLN7964A w/ PMLN7965A
Table 97

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/24/2019 9:21:12 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190124-09
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 21.1 (C)
Serial#: 437P1C0122
Antenna: AN000296A01
Test Freq: 823.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN7965A
Audio Acc: PMMN4123A
Start Power: 3.56 (W)

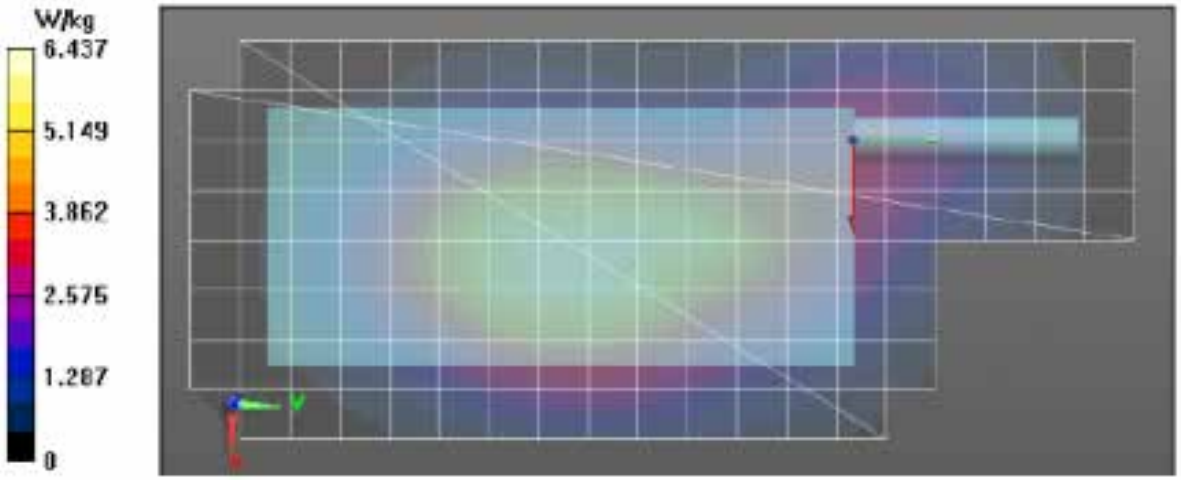
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 52.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 51.40 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 5.47 W/kg; SAR(10 g) = 3.84 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.64 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 = 51.40 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 7.14 W/kg
SAR(1 g) = 5.54 W/kg; SAR(10 g) = 4.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.41 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.45 W/kg



Assessment 799-824MHz at the Body with Body worn PMLN7964A w/ PMLN5407A
Table 98

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/24/2019 1:58:24 PM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190124-13
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.2 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	823.9875 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	3.55 (W)

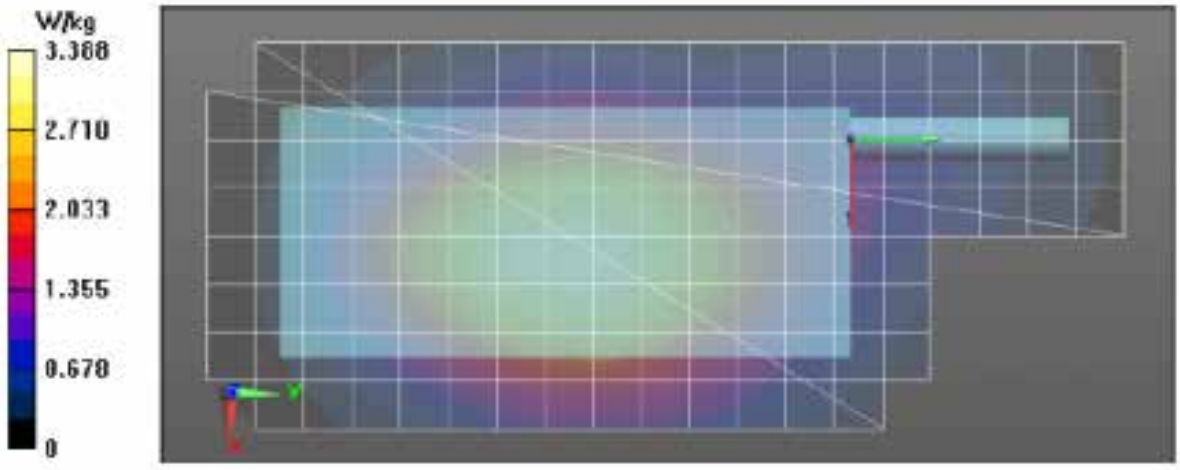
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 52.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.00 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 2.87 W/kg; SAR(10 g) = 2.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.49 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 = 41.00 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 2.93 W/kg; SAR(10 g) = 2.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.41 W/kg

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



Assessment 799-824MHz at the Body with Body worn PMLN7964A w/ PMLN5408A
Table 99

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/24/2019 10:18:30 PM

Robot#: DASY5-PG-1 | Run#: FD(BL)-AB-190124-19
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 21.0 (C)
Serial#: 437P1C0122
Antenna: PMAF4022A
Test Freq: 823.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN5408A
Audio Acc: PMMN4123A
Start Power: 3.54 (W)

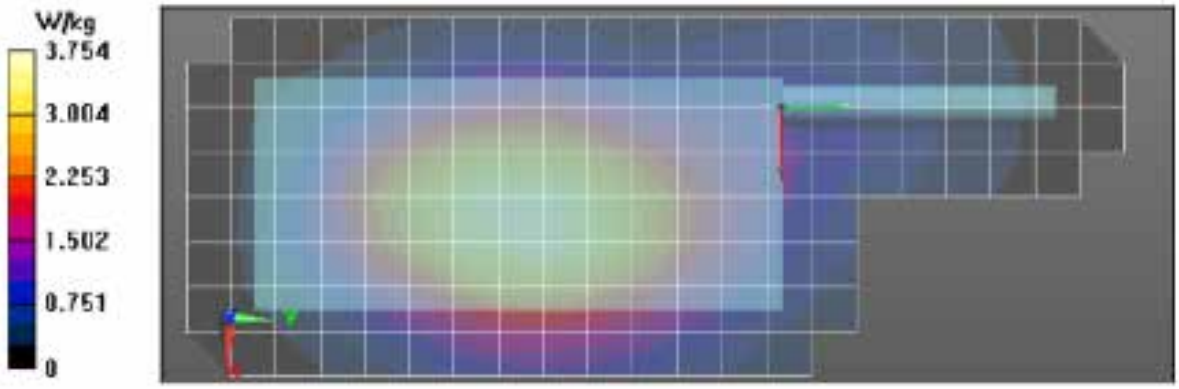
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 52.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 42.93 V/m; Power Drift = -0.54 dB
Fast SAR: SAR(1 g) = 3.13 W/kg; SAR(10 g) = 2.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.83 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 = 42.93 V/m; Power Drift = -0.58 dB
Peak SAR (extrapolated) = 4.11 W/kg
SAR(1 g) = 3.12 W/kg; SAR(10 g) = 2.36 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.65 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.77 W/kg



Assessment 799-824MHz at the Body with Body worn PMLN7964A w/ PMLN5409A
Table 100

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/25/2019 1:28:32 AM

Robot#: DASY5-PG-1 | Run#: FD(BL)-AB-190125-02#
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 21.2 (C)
Serial#: 437P1C0122
Antenna: PMAF4022A
Test Freq: 823.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN5409A
Audio Acc: PMMN4123A
Start Power: 3.55 (W)

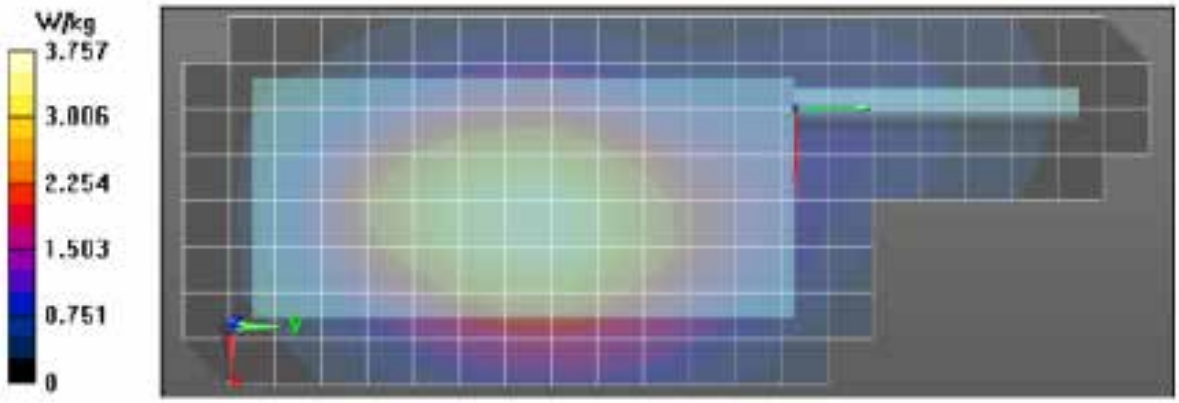
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.99 S/m; ε_r = 52.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 43.95 V/m; Power Drift = -0.52 dB
Fast SAR: SAR(1 g) = 3.18 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.88 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 = 43.95 V/m; Power Drift = -0.58 dB
Peak SAR (extrapolated) = 4.17 W/kg
SAR(1 g) = 3.18 W/kg; SAR(10 g) = 2.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.69 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.60 W/kg



Assessment 799-824MHz at the Body with other audio accessories
Table 101

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/25/2019 11:18:08 PM

Robot#: DASY5-PG-1 | Run#:	FD(BL)-AB-190125-08
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.8 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	808.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	HMN4101B
Start Power:	3.52 (W)

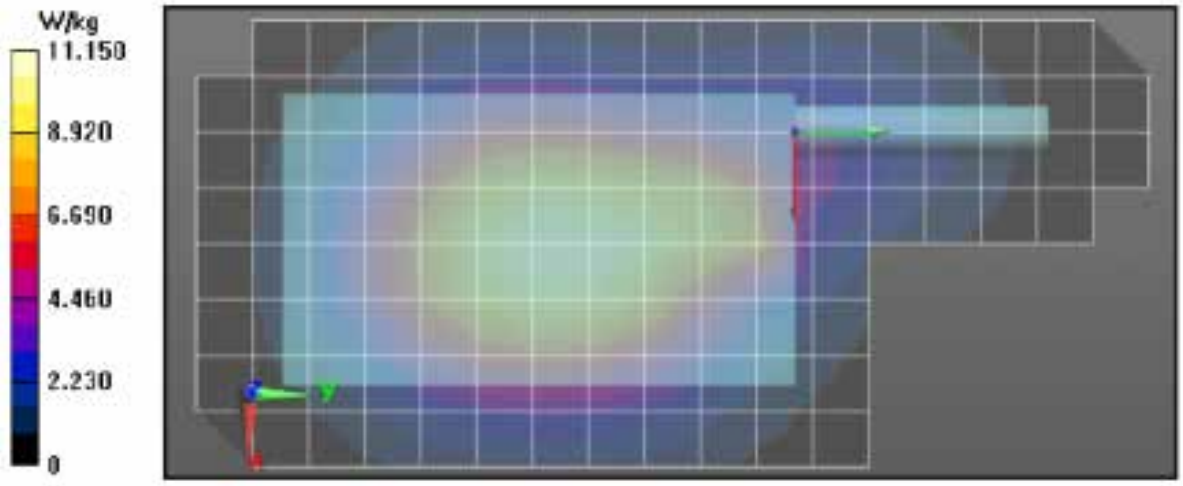
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; σ = 0.98 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 808.5 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 75.97 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 9.32 W/kg; SAR(10 g) = 6.54 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.3 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.97 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 9.47 W/kg; SAR(10 g) = 7.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 10.9 W/kg

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



Assessment of wireless BT configuration (799-824MHz)
Table 102

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/26/2019 1:52:51 AM

Robot#: DASY5-PG-1 | Run#:	FD(BL)-AB-190126-03#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.8 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	808.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	3.53 (W)

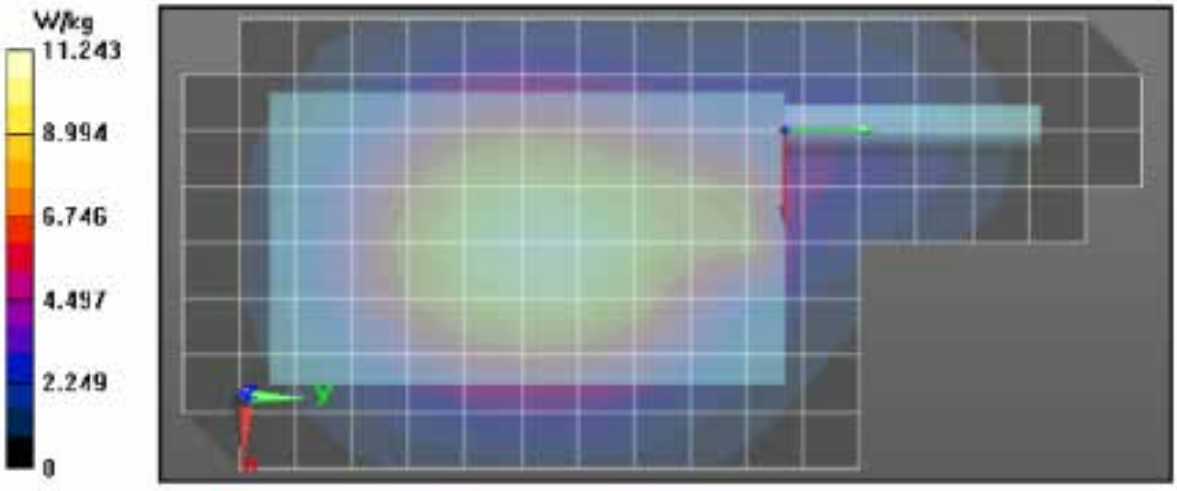
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; σ = 0.98 S/m; ε_r = 52.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 808.5 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 78.08 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 9.34 W/kg; SAR(10 g) = 6.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 11.3 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 78.08 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 9.5 W/kg; SAR(10 g) = 7.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 11.0 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) = 10.9 W/kg



Assessment of PSM Configuration (799-824MHz)
Table 104

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/28/2019 10:19:01 PM

Robot#: DASY5-PG-1 | Run#:	ZR-AB-190128-08
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.5 (C)
Serial#:	437P1C0122
Antenna:	PMAF4002A
Test Freq:	823.9875 (MHz)
Battery:	NNTN9089A
Carry Acc:	@ body
Audio Acc:	PMMN4061B
Start Power:	3.56 (W)

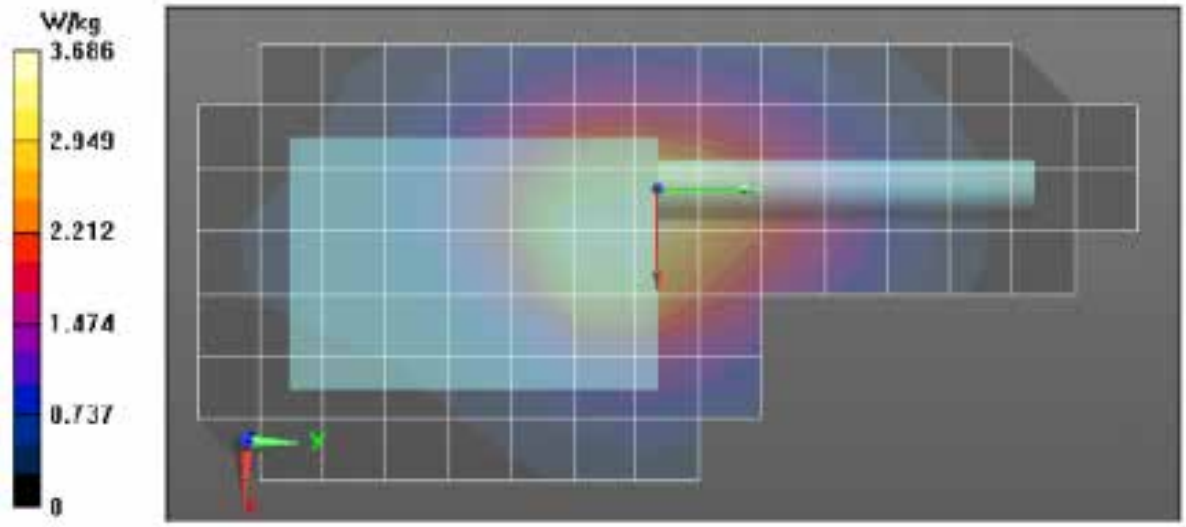
Comments: Power at PSM (2.34W)

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.97 S/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.21, 8.21, 8.21); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 50.37 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 3.15 W/kg; SAR(10 g) = 2.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.92 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.37 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 4.89 W/kg
SAR(1 g) = 3.23 W/kg; SAR(10 g) = 2.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.06 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.12 W/kg



Assessment 799-824MHz at the Face of Front Configuration
Table 106

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/10/2019 2:46:51 AM

Robot#: DASY5-PG-1 | Run#:	AZ-FACE-190110-03
Model#:	PNUW1100A
Phantom#:	ELI4 1050
Tissue Temp:	20.8 (C)
Serial#:	437TUX0100
Antenna:	AN000296A01
Test Freq:	823.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	None 2.5cm @ front
Audio Acc:	None
Start Power:	3.60 (W)

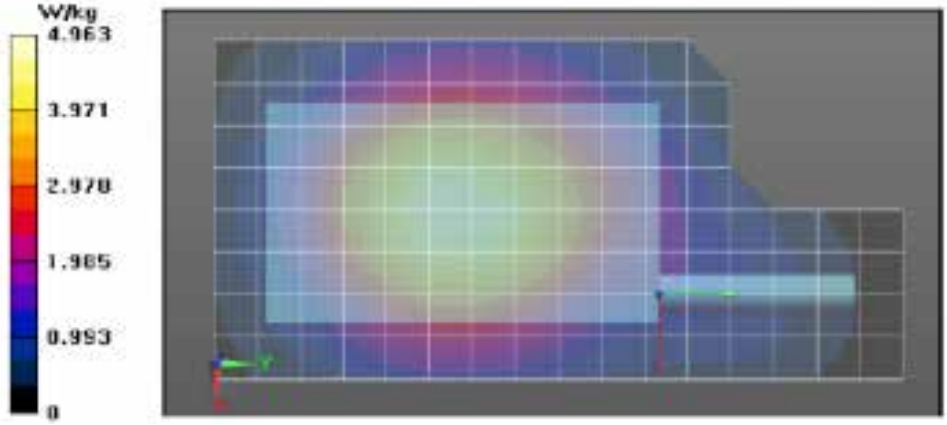
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.92 S/m; ε_r = 39.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.23, 8.23, 8.23); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 61.08 V/m; Power Drift = -0.19 dB
Fast SAR: SAR(1 g) = 4.13 W/kg; SAR(10 g) = 2.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.01 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 = 61.08 V/m; Power Drift = -0.25 dB
Peak SAR (extrapolated) = 5.43 W/kg
SAR(1 g) = 4.16 W/kg; SAR(10 g) = 3.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.87 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.91 W/kg



Assessment 799-824MHz at the Face of Back Configuration
Table 107

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/10/2019 8:10:41 AM

Robot#: DASY5-PG-1 | Run#: ZR-FACE-190110-06
Model#: PNUW1100A
Phantom#: ELI4 1050
Tissue Temp: 20.8 (C)
Serial#: 437TUX0100
Antenna: NAF5080A
Test Freq: 823.9875 (MHz)
Battery: NNTN9089A
Carry Acc: None 2.5cm @ back
Audio Acc: None
Start Power: 3.57 (W)

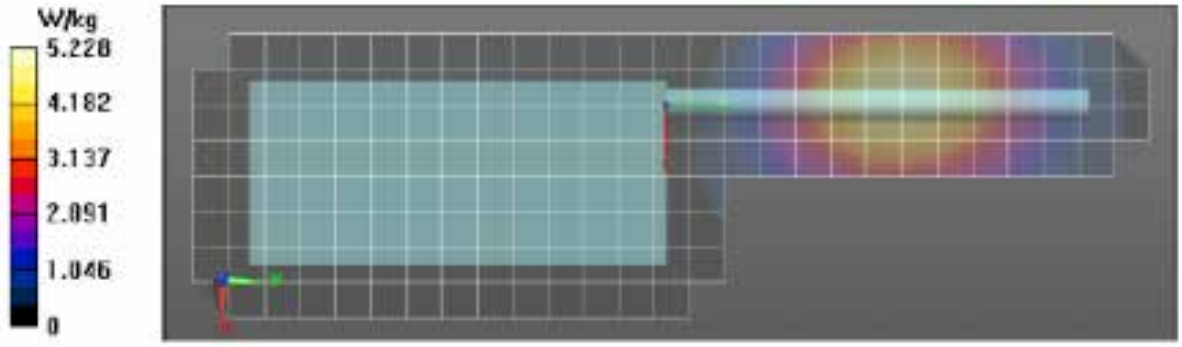
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 824 MHz; σ = 0.92 S/m; ε_r = 39.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 823.987 MHz, ConvF(8.23, 8.23, 8.23); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 75.23 V/m; Power Drift = -0.29 dB
Fast SAR: SAR(1 g) = 4.32 W/kg; SAR(10 g) = 3.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.25 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 = 75.23 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 5.83 W/kg
SAR(1 g) = 4.35 W/kg; SAR(10 g) = 3.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.19 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.15 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7947A w/ NTN8266B
Table 109

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 7:35:32 AM

Robot#: DASY5-PG-1 | Run#: AZ-AB-190103-03#
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.9 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7947A w/ NTN8266B
Audio Acc: PMMN4123A
Start Power: 3.57 (W)

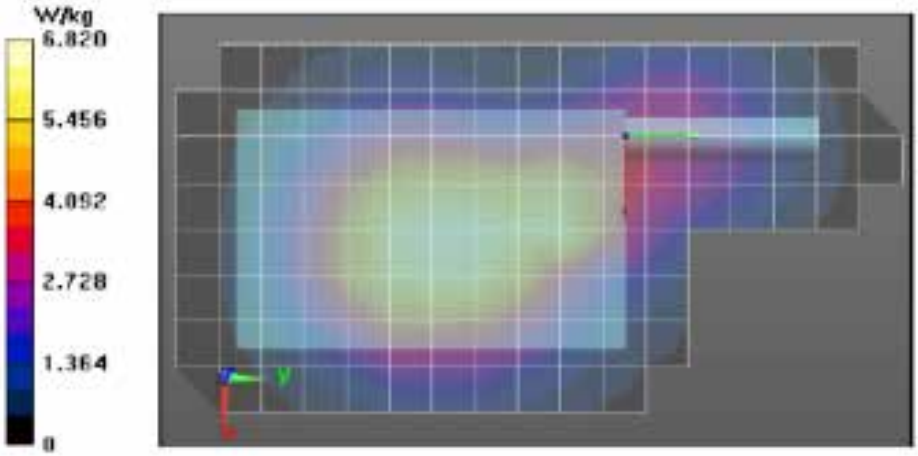
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.05 S/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 60.05 V/m; Power Drift = -0.55 dB
Fast SAR: SAR(1 g) = 5.74 W/kg; SAR(10 g) = 4 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.00 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.05 V/m; Power Drift = -0.68 dB
Peak SAR (extrapolated) = 7.24 W/kg
SAR(1 g) = 5.55 W/kg; SAR(10 g) = 4.14 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.49 W/kg

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



Assessment 851-869MHz at the Body with Body worn PMLN7947A w/ PMLN7965A
Table 110

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/3/2019 3:02:31 PM

Robot#: DASY5-PG-1 | Run#:	AZ-AB-190103-09#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.2 (C)
Serial#:	437TUX0100
Antenna:	AN000296A01
Test Freq:	868.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	3.60 (W)

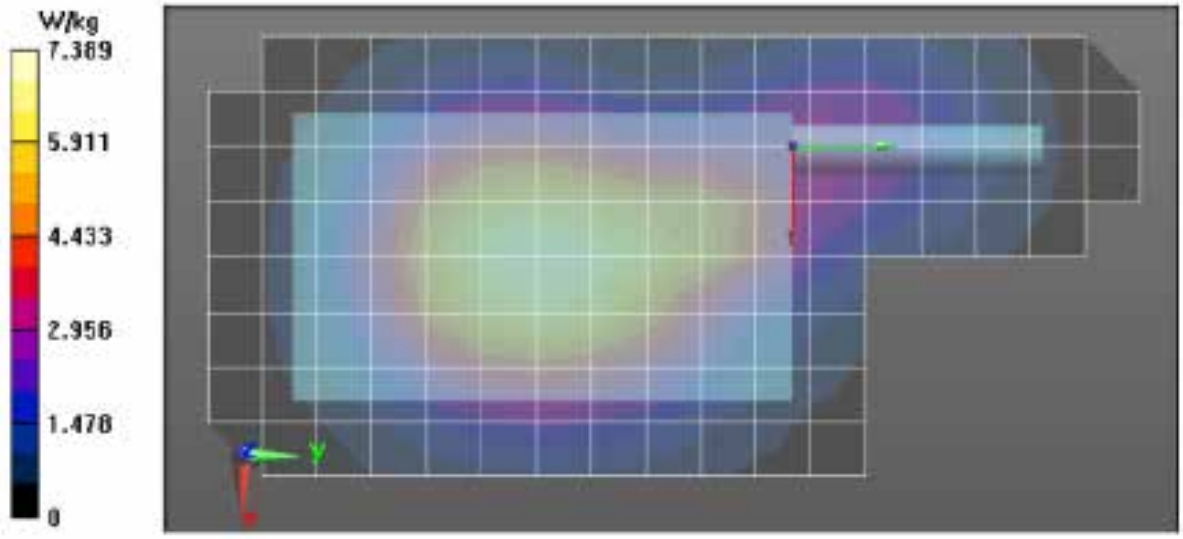
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.05 S/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 58.40 V/m; Power Drift = -0.60 dB
Fast SAR: SAR(1 g) = 6.09 W/kg; SAR(10 g) = 4.25 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 7.41 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 = 58.40 V/m; Power Drift = -0.69 dB
Peak SAR (extrapolated) = 7.84 W/kg
SAR(1 g) = 5.93 W/kg; SAR(10 g) = 4.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.94 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.83 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7948A w/ NTN8266B
Table 111

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/5/2019 1:24:19 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-190305-13#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.4 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	851.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	3.36 (W)

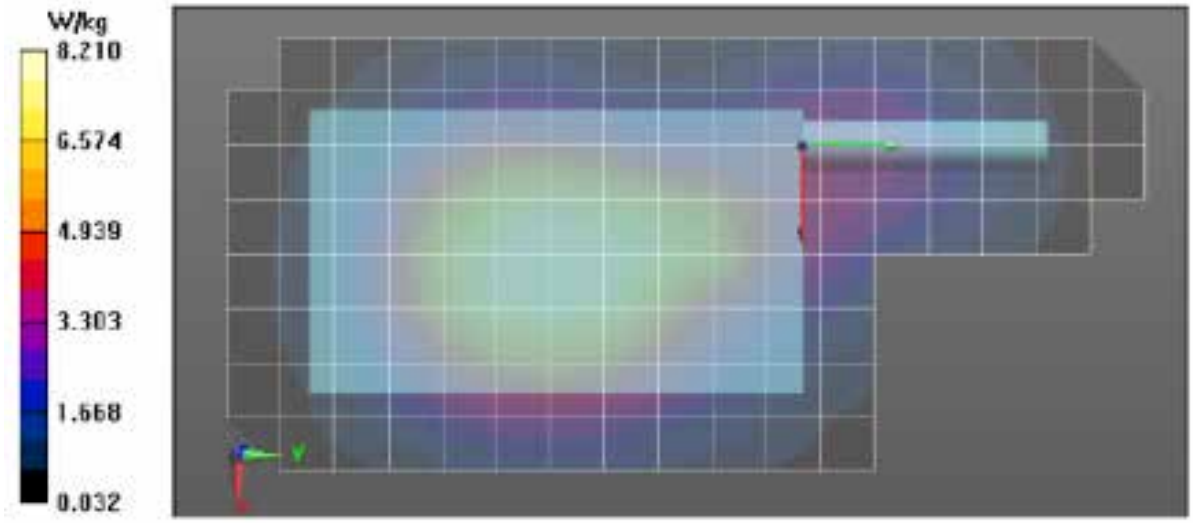
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; σ = 1.04 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 851.013 MHz, ConvF(9.98, 9.98, 9.98); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 64.84 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 7.41 W/kg; SAR(10 g) = 5.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.04 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.84 V/m; Power Drift = -0.53 dB
Peak SAR (extrapolated) = 9.24 W/kg
SAR(1 g) = 7.48 W/kg; SAR(10 g) = 5.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.57 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.21 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7948A w/ PMLN7965A
Table 112

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/5/2019 2:11:51 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-190305-14#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.1(C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	851.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	3.48 (W)

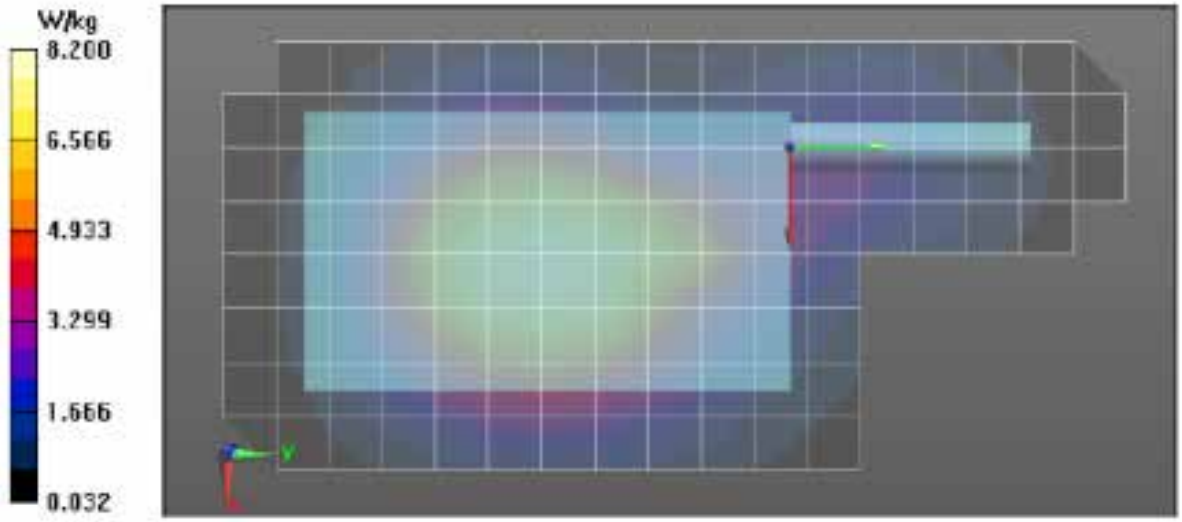
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; σ = 1.04 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 851.013 MHz, ConvF(9.98, 9.98, 9.98); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 65.35 V/m; Power Drift = -0.26 dB
Fast SAR: SAR(1 g) = 7.11 W/kg; SAR(10 g) = 4.94 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 8.67 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 = 65.35 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 8.91 W/kg
SAR(1 g) = 7.23 W/kg; SAR(10 g) = 5.48 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.28 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.20 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7948A w/ PMLN5407A
Table 113

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/4/2019 11:25:26 AM

Robot#:	DASY5-PG-1 | Run#: AZ-AB-190104-11#
Model#:	PNUW1100A
Phantom#:	EL34 1108
Tissue Temp:	21.0 (C)
Serial#:	437TUX0100
Antenna:	AN000296A01
Test Freq:	868.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ PMLN5407A
Audio Acc:	PMMN4123A
Start Power:	3.60 (W)

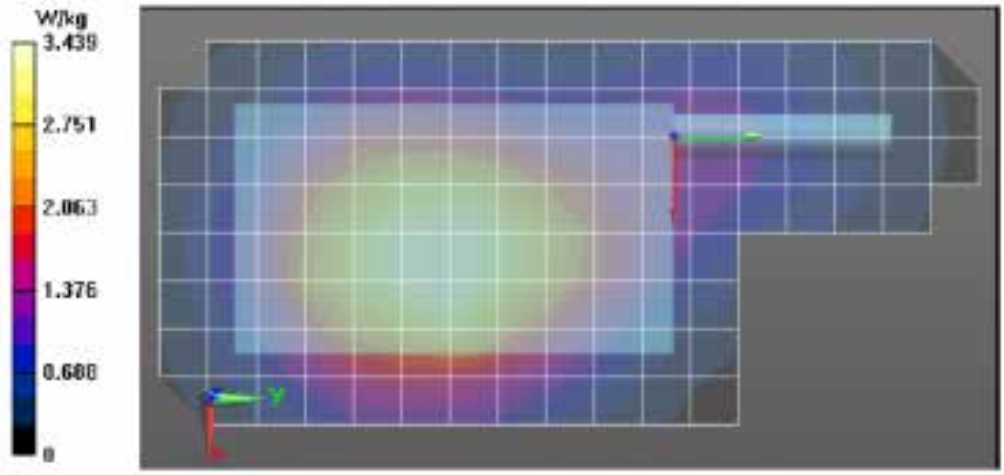
Comments:

Duty Cycle: 1:1, Medium parameters used: f= 869 MHz; σ = 1.05 S/m; ε_r = 55.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 41.09 V/m; Power Drift = -0.86 dB
Fast SAR: SAR(1 g) = 2.91 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.54 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 = 41.09 V/m; Power Drift = -0.96 dB
Peak SAR (extrapolated) = 3.98 W/kg
SAR(1 g) = 2.97 W/kg; SAR(10 g) = 2.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.62 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.39 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7948A w/ PMLN5408A
Table 114

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/4/2019 10:44:28 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190104-18
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 21.7 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7948A w/ PMLN5408A
Audio Acc: PMMN4123A
Start Power: 3.58 (W)

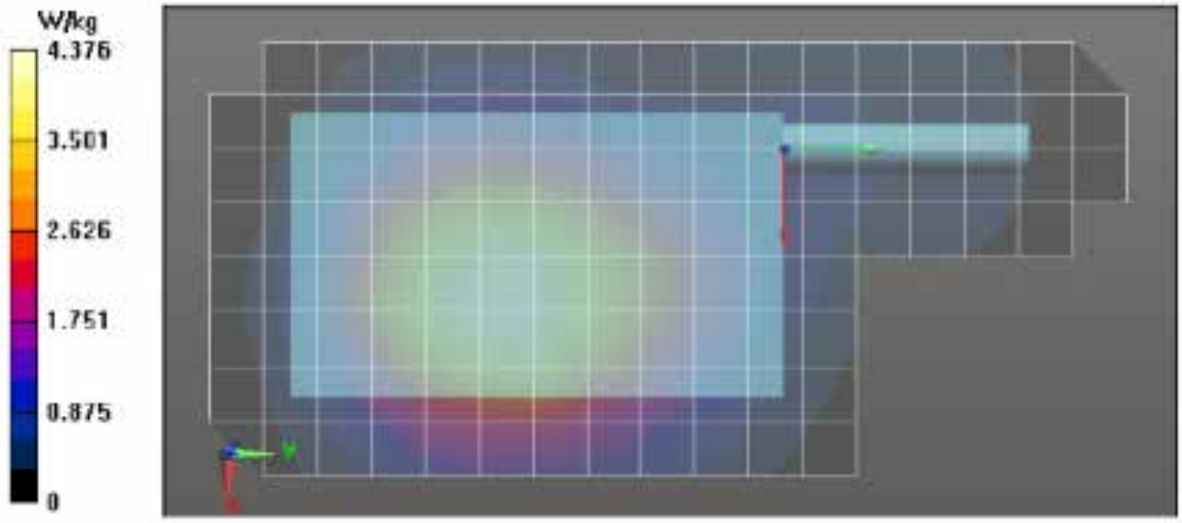
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.02 S/m; ε_r = 54.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 38.00 V/m; Power Drift = -0.84 dB
Fast SAR: SAR(1 g) = 3.67 W/kg; SAR(10 g) = 2.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.46 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 = 38.00 V/m; Power Drift = -0.72 dB
Peak SAR (extrapolated) = 5.11 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.77 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.50 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) = 4.10 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7948A w/ PMLN5409A
Table 115

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/5/2019 3:29:41 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190105-03#
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 21.2 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9087A
Carry Acc: PMLN7948A w/ PMLN5409A
Audio Acc: PMMN4123A
Start Power: 3.59 (W)

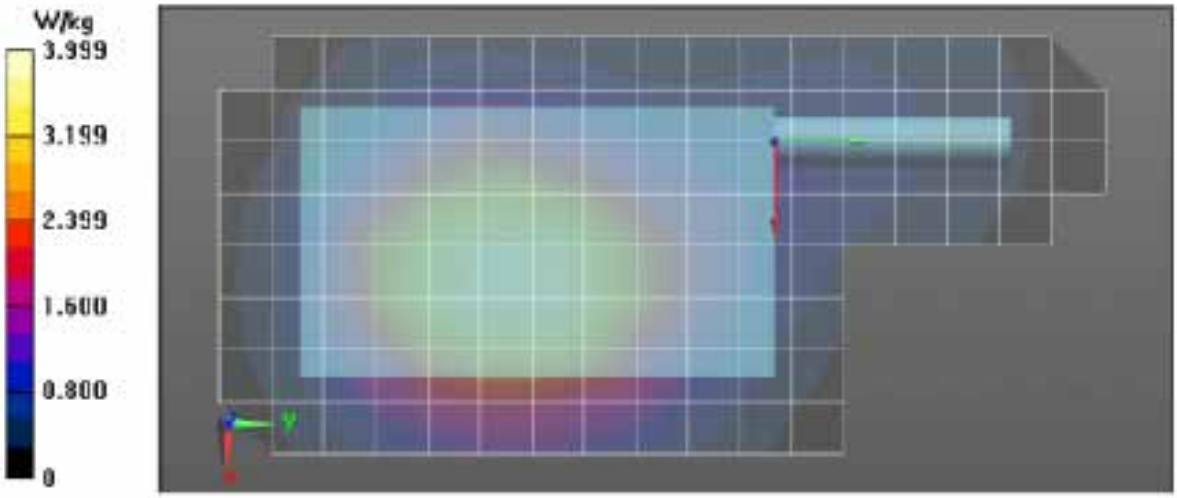
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.02 S/m; ε_r = 54.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 36.83 V/m; Power Drift = -0.92 dB
Fast SAR: SAR(1 g) = 3.35 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.08 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 = 36.83 V/m; Power Drift = -0.79 dB
Peak SAR (extrapolated) = 4.69 W/kg
SAR(1 g) = 3.6 W/kg; SAR(10 g) = 2.63 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.27 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.12 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7964A w/ NTN8266B
Table 116

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/6/2019 7:25:39 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190106-05
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 21.2 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ NTN8266B
Audio Acc: PMMN4123A
Start Power: 3.60 (W)

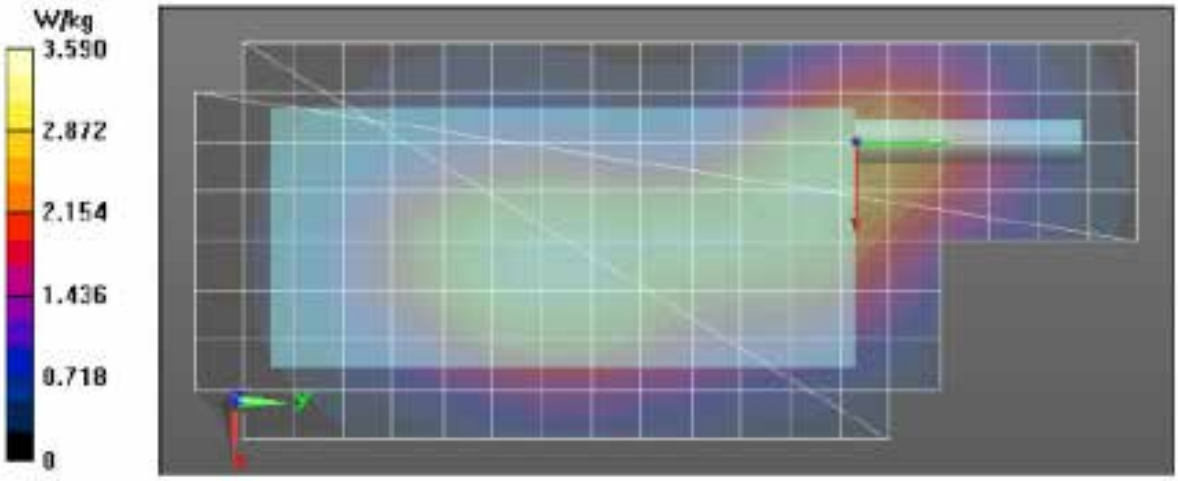
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.05 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 53.38 V/m; Power Drift = -0.54 dB
Fast SAR: SAR(1 g) = 3.01 W/kg; SAR(10 g) = 2.1 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.66 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 = 53.38 V/m; Power Drift = -0.64 dB
Peak SAR (extrapolated) = 4.18 W/kg
SAR(1 g) = 3.06 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.71 W/kg

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



Assessment 851-869MHz at the Body with Body worn PMLN7964A w/ PMLN7965A
Table 117

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/6/2019 11:23:50 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190106-09
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.9 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN7965A
Audio Acc: PMMN4123A
Start Power: 3.60 (W)

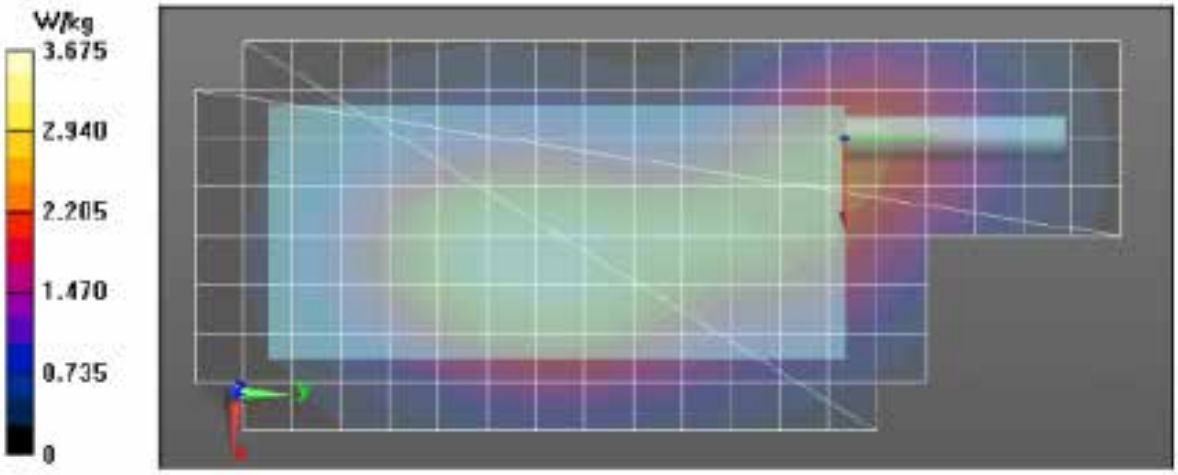
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.05 S/m; ε_r = 55.5; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 48.76 V/m; Power Drift = -0.62 dB
Fast SAR: SAR(1 g) = 3.16 W/kg; SAR(10 g) = 2.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.84 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 = 48.76 V/m; Power Drift = -0.73 dB
Peak SAR (extrapolated) = 4.12 W/kg
SAR(1 g) = 3.11 W/kg; SAR(10 g) = 2.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.67 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.61 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7964A w/ PMLN5407A
Table 118

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/7/2019 9:50:17 AM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190107-04
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.7 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN5407A
Audio Acc: PMMN4123A
Start Power: 3.59 (W)

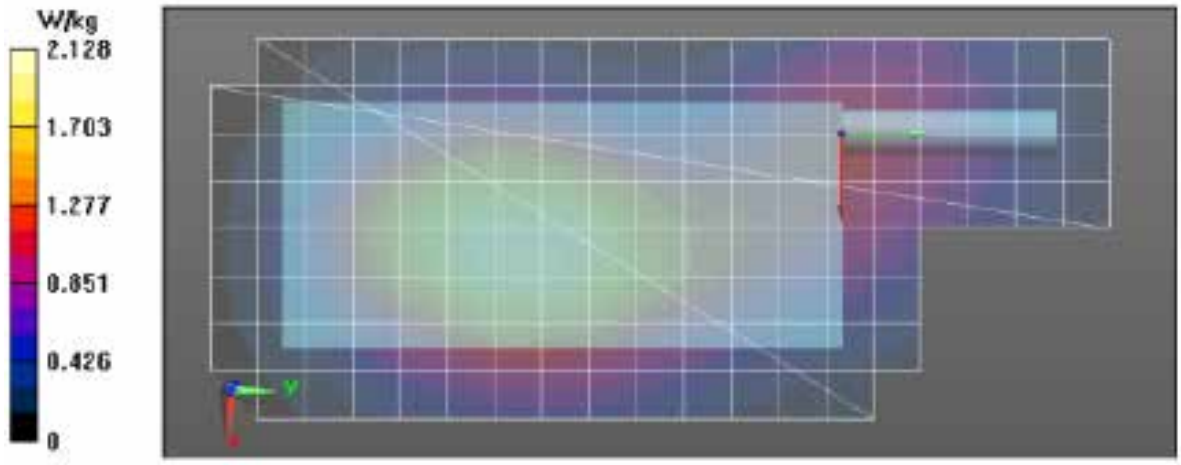
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.04 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 35.33 V/m; Power Drift = -1.06 dB
Fast SAR: SAR(1 g) = 1.79 W/kg; SAR(10 g) = 1.25 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.19 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.33 V/m; Power Drift = -0.82 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.72 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.06 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) = 1.88 W/kg



Assessment 851-869MHz at the Body with Body worn PMLN7964A w/ PMLN5408A
Table 119

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/7/2019 3:22:58 PM

Robot#: DASY5-PG-1 | Run#: ZR-AB-190107-08
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.3 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN5408A
Audio Acc: PMMN4123A
Start Power: 3.58 (W)

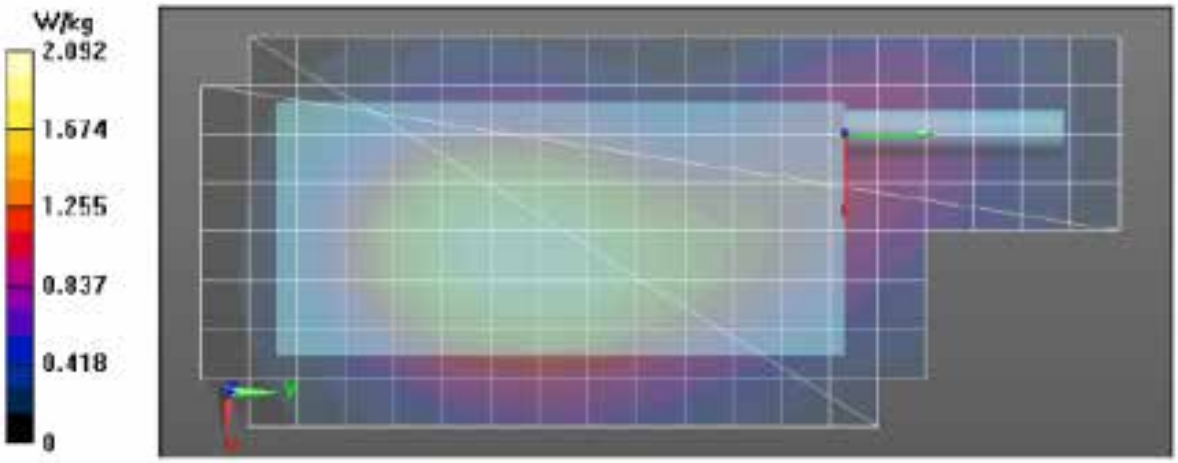
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.04 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 34.03 V/m; Power Drift = -0.77 dB
Fast SAR: SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.24 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.15 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.03 V/m; Power Drift = -0.88 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.04 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) = 1.94 W/kg



Assessments 851-869MHz at the Body with Body worn PMLN7964A w/ PMLN5409A
Table 120

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/7/2019 11:07:12 PM

Robot#: DASY5-PG-1 | Run#: AZ-AB-190107-13
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.3 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ PMLN5409A
Audio Acc: PMMN4123A
Start Power: 3.60 (W)

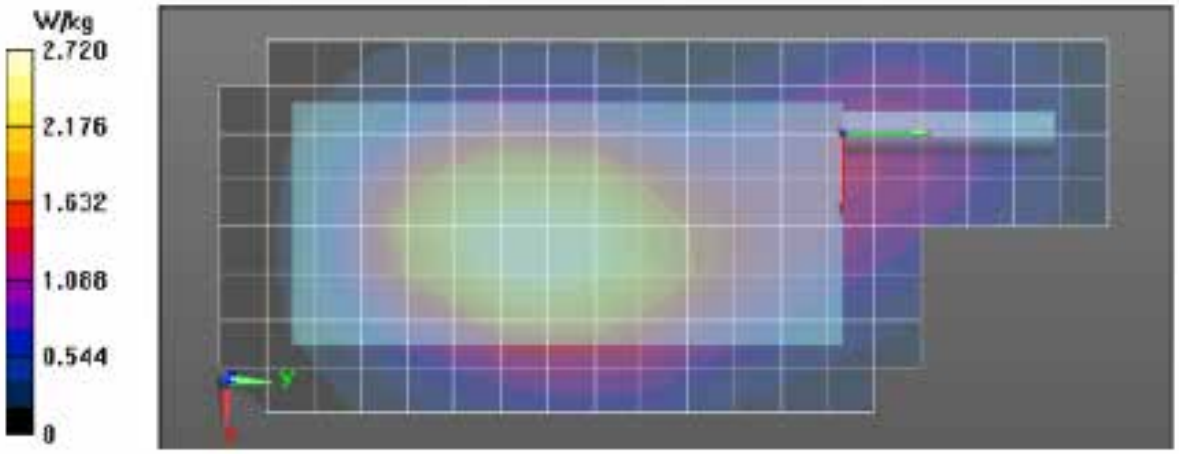
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.04 S/m; ε_r = 54; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 37.39 V/m; Power Drift = -0.69 dB
Fast SAR: SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.62 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.80 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 = 37.39 V/m; Power Drift = -0.70 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.82 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.46 W/kg



Assessment 851-869MHz at the Body with other audio accessories
Table 121

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/5/2019 5:25:46 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-190305-17#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.0 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	851.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ NTN8266B
Audio Acc:	BDN6783B w/ RLN5312B
Start Power:	3.54 (W)

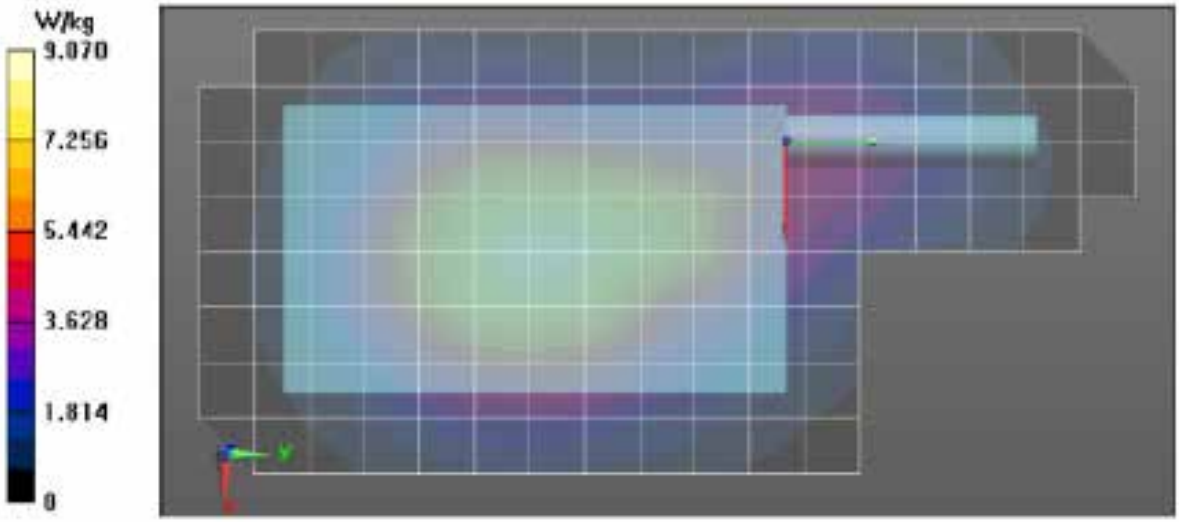
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; σ = 1.04 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 851.013 MHz, ConvF(9.98, 9.98, 9.98); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 68.01 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 7.46 W/kg; SAR(10 g) = 5.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.10 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 = 68.01 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 9.46 W/kg
SAR(1 g) = 7.64 W/kg; SAR(10 g) = 5.76 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.75 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.57 W/kg



Assessment of wireless BT configuration (851-869MHz)
Table 122

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/5/2019 10:39:24 AM

Robot#: DASY5-PG-3 | Run#: ZZ-AB-190305-12#

Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	20.6 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	851.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7948A w/ NTN8266B
Audio Acc:	None
Start Power:	3.45 (W)

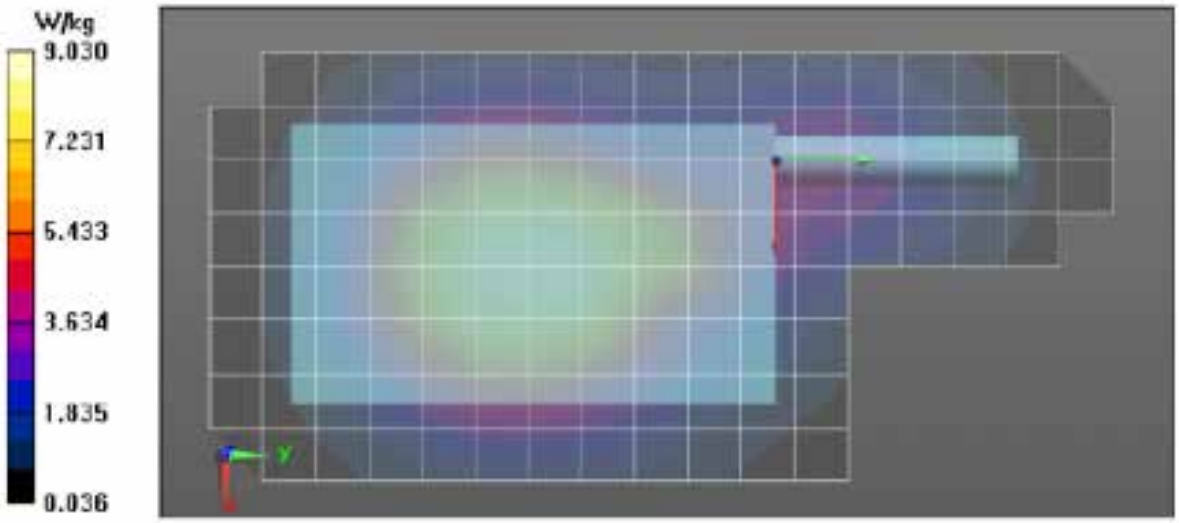
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 851 MHz; σ = 1.04 S/m; ε_r = 53.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 851.013 MHz, ConvF(9.98, 9.98, 9.98); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 72.33 V/m; Power Drift = -0.34 dB
Fast SAR: SAR(1 g) = 7.89 W/kg; SAR(10 g) = 5.49 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.63 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 = 72.33 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 9.71 W/kg
SAR(1 g) = 7.89 W/kg; SAR(10 g) = 5.99 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.00 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.03 W/kg



Assessment of PSM Configuration (851-869MHz)
Table 124

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/29/2019 1:28:27 PM

Robot#: DASY5-PG-1 | Run#: FD(BL)-AB-190129-06
Model#: PNUW1100A
Phantom#: ELI4 1108
Tissue Temp: 20.0 (C)
Serial#: 437P1C0122
Antenna: PMAF4002A
Test Freq: 868.9875 (MHz)
Battery: NNTN9089A
Carry Acc: @ body
Audio Acc: PMMN4061B
Start Power: 3.16 (W)

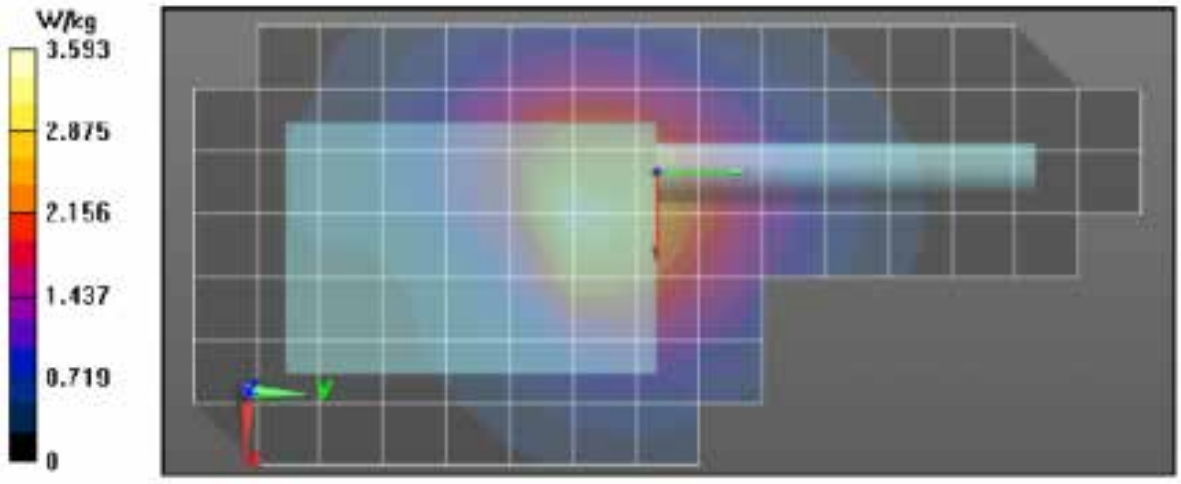
Comments: Power at PSM 2.30 (W)

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 1.03 S/m; ε_r = 52.8; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.17, 8.17, 8.17); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 54.15 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 2.96 W/kg; SAR(10 g) = 1.92 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.77 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 = 54.15 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 4.89 W/kg
SAR(1 g) = 2.99 W/kg; SAR(10 g) = 1.93 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.99 W/kg

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



Assessment 851-869MHz at the Face of Front Configuration
Table 126

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/9/2019 8:13:40 AM

Robot#: DASY5-PG-1 | Run#: ZR-FACE-190109-07
Model#: PNUW1100A
Phantom#: ELI4 1050
Tissue Temp: 20.8 (C)
Serial#: 437TUX0100
Antenna: AN000296A01
Test Freq: 868.9875 (MHz)
Battery: NNTN9087A
Carry Acc: None 2.5cm @ front
Audio Acc.: None
Start Power: 3.59 (W)

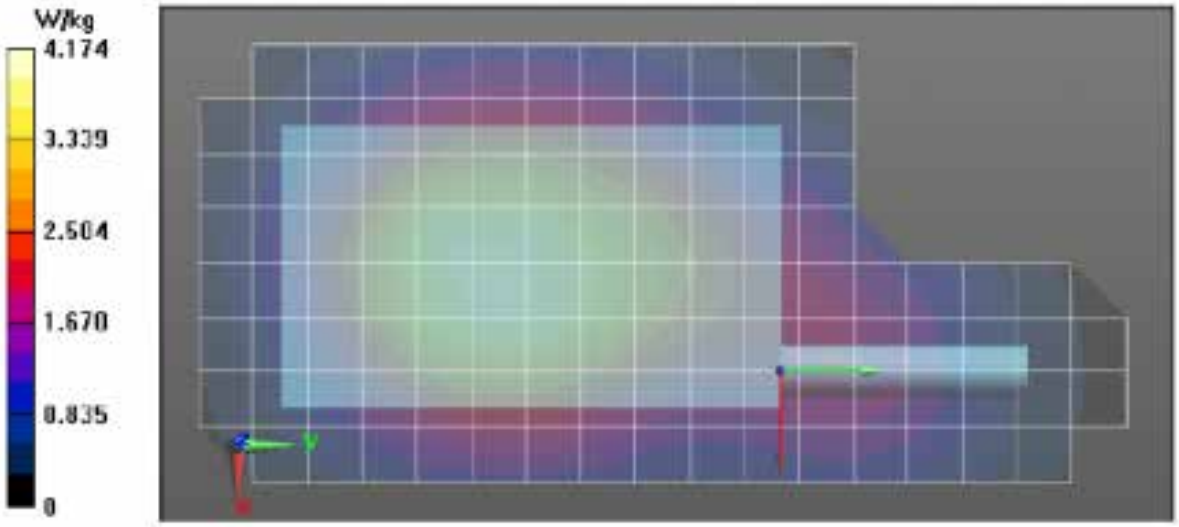
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 0.98 S/m; ε_r = 40.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.08, 8.08, 8.08); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 52.62 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 3.47 W/kg; SAR(10 g) = 2.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.23 W/kg

Below 2 GHz-Rev.2/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.62 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 4.49 W/kg
SAR(1 g) = 3.4 W/kg; SAR(10 g) = 2.5 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.00 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.96 W/kg



Assessment 851-869MHz at the Face of Back Configuration
Table 127

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/9/2019 10:06:07 PM

Robot#: DASY5-PG-1 | Run#:	AZ-FACE-190109-16
Model#:	PNUW1100A
Phantom#:	ELI4 1050
Tissue Temp:	20.8 (C)
Serial#:	437TUX0100
Antenna:	NAF5080A
Test Freq:	868.9875 (MHz)
Battery:	NNTN9087A
Carry Acc:	None 2.5cm @ back
Audio Acc:	None
Start Power:	3.60 (W)

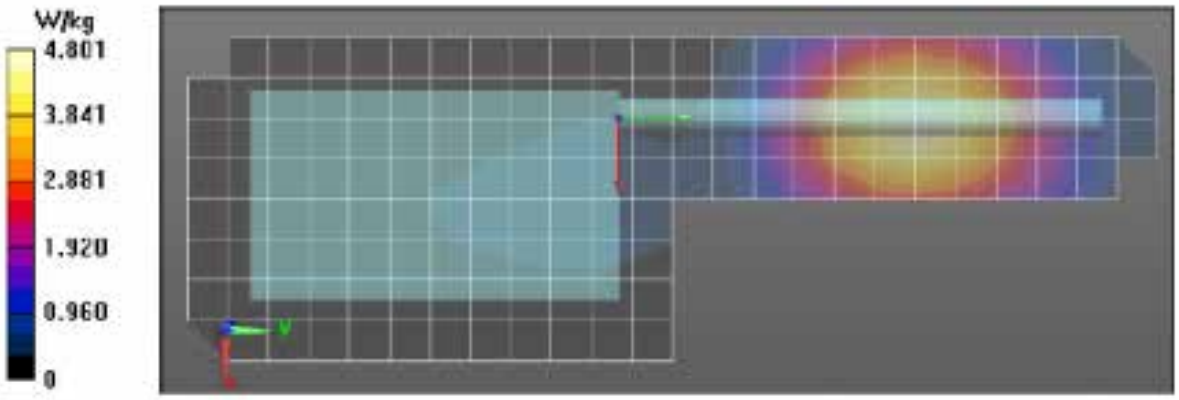
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 869 MHz; σ = 0.98 S/m; ε_r = 40.4; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 868.987 MHz, ConvF(8.08, 8.08, 8.08); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 69.02 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 3.96 W/kg; SAR(10 g) = 2.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.83 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 = 69.02 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 5.30 W/kg
SAR(1 g) = 3.9 W/kg; SAR(10 g) = 2.79 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.68 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.64 W/kg



Assessment for outside FCC and ISED Frequency range (7/800)

(769-775MHz) - Body

Table 131

Motorola Solutions, Inc. EME Laboratory
Date/Time: 3/18/2019 11:24:37 PM

Robot#: DASY5-PG-2 | Run#:	LOH-AB-190318-13
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.2 (C)
Serial#:	437P1C0045
Antenna:	KT000026A01
Test Freq:	762.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	PMMN4123A
Start Power:	2.82 (W)

Comments: Shorten Scan

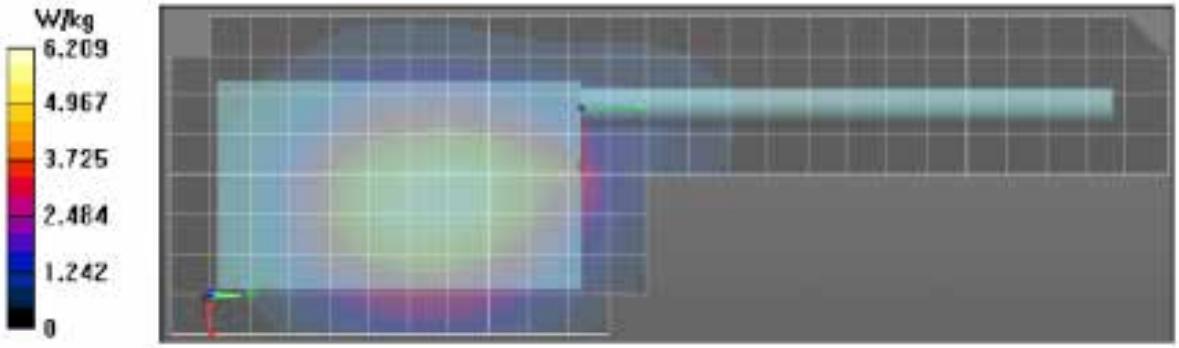
Duty Cycle: 1:1, Medium parameters used: f = 762 MHz; σ = 0.92 S/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 762.013 MHz, ConvF(10.23, 10.23, 10.23); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.41 V/m; Power Drift = -1.57 dB
Fast SAR: SAR(1 g) = 5.43 W/kg; SAR(10 g) = 3.8 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 6.37 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 = 59.41 V/m; Power Drift = -1.61 dB
Fast SAR: SAR(1 g) = 4.72 W/kg; SAR(10 g) = 3.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.49 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.48 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 = 94.25 V/m; Power Drift = -0.85 dB
Peak SAR (extrapolated) = 7.75 W/kg
SAR(1 g) = 6.38 W/kg; SAR(10 g) = 4.87 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.07 W/kg



Assessment for outside FCC and ISED Frequency range (7/800)

(769-775MHz) - Face

Table 131

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/7/2019 9:11:21 PM

Robot#: DASY5-PG-1 | Run#:	BL-FACE-190207-18
Model#:	PNUW1100A
Phantom#:	ELI4 1050
Tissue Temp:	22.4 (C)
Serial#:	437P1C0045
Antenna:	AN000296A01
Test Freq:	762.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	None 2.5cm @ back
Audio Acc:	None
Start Power:	2.93 (W)

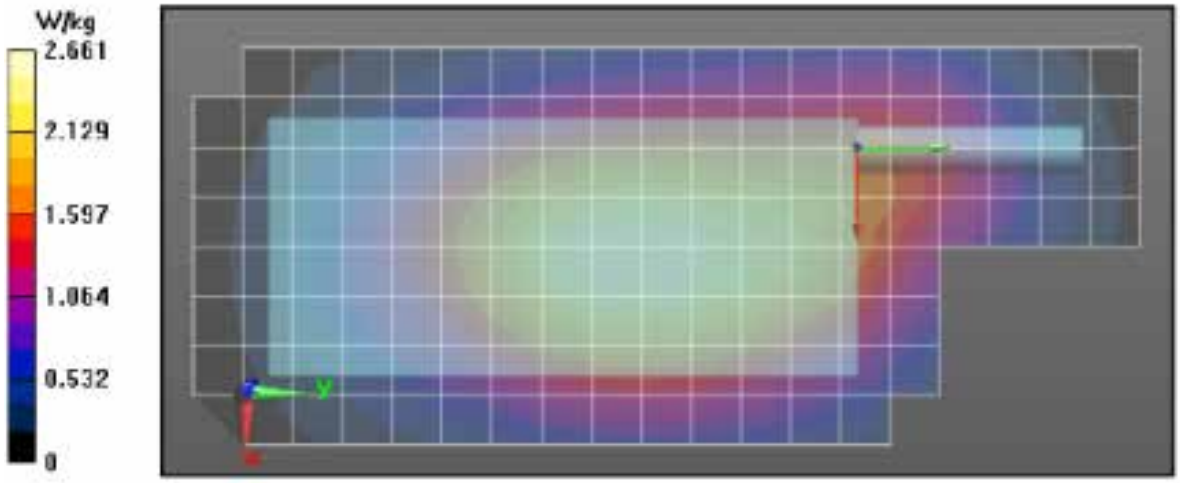
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 762 MHz; σ = 0.87 S/m; ε_r = 43.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 762.013 MHz, ConvF(8.79, 8.79, 8.79); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 48.27 V/m; Power Drift = -0.97 dB
Fast SAR: SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.62 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.67 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 = 48.27 V/m; Power Drift = -1.05 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.50 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.47 W/kg



Assessment for outside FCC and ISED Frequency range (7/800)

(799-824MHz) - Body

Table 132

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/26/2019 4:24:37 AM

Robot#: DASY5-PG-1	Run#: FD(BL)-AB-190126-05#
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.8 (C)
Serial#:	437P1C0122
Antenna:	AN000296A01
Test Freq:	794.0125 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	2.96 (W)

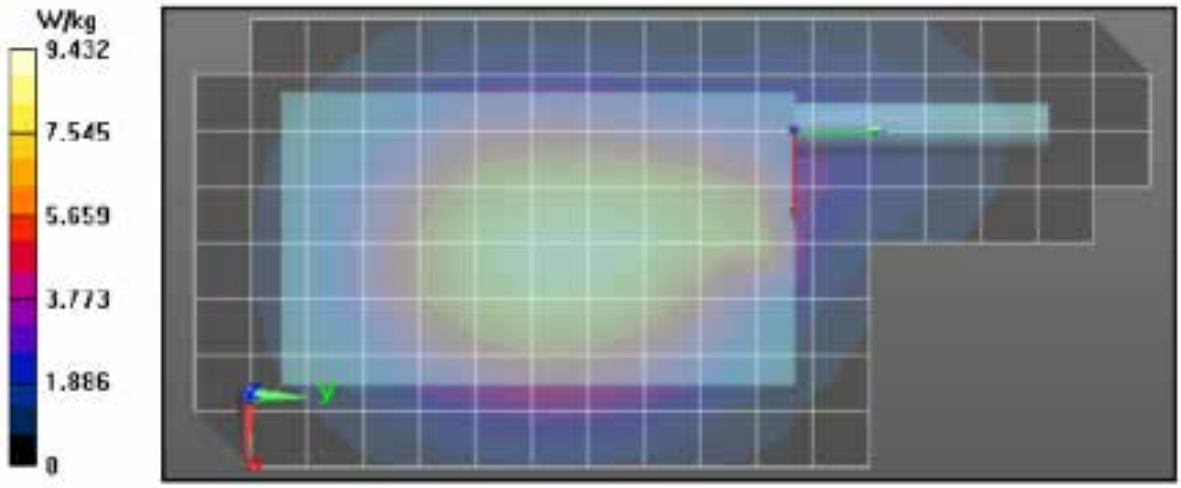
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 794 MHz; σ = 0.96 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 794.013 MHz, ConvF(8.55, 8.55, 8.55); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 67.53 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 7.85 W/kg; SAR(10 g) = 5.51 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.52 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 = 67.53 V/m; Power Drift = -0.40 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 8.06 W/kg; SAR(10 g) = 6.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.32 W/kg

Below 2 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.21 W/kg



Assessment for outside FCC and ISED Frequency range (7/800)

(799-824MHz) - Face

Table 132

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/10/2019 4:08:55 PM

Robot#: DASY5-PG-1 | Run#:	ZR-FACE-190110-14
Model#:	PNUW1100A
Phantom#:	ELI4 1050
Tissue Temp:	20.5 (C)
Serial#:	437TUX0109
Antenna:	NAF5080A
Test Freq:	794.0125 (MHz)
Battery:	NNTN9089A
Carry Acc:	None 2.5cm @ back
Audio Acc:	None
Start Power:	2.95 (W)

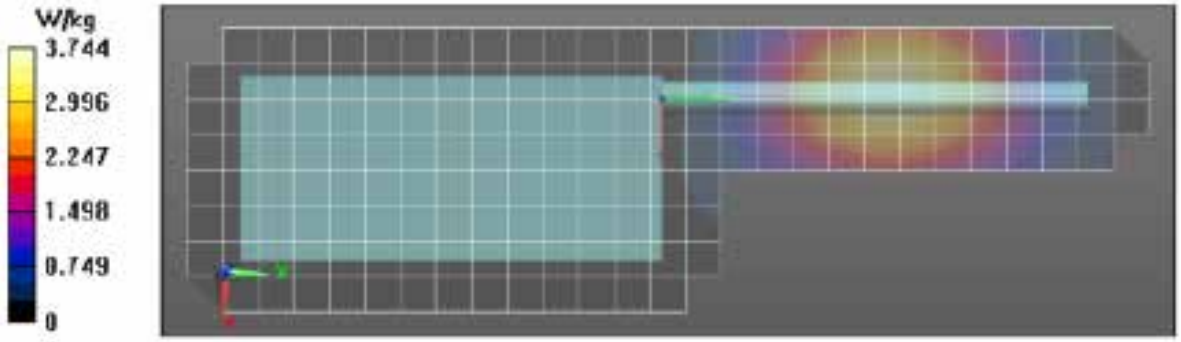
Comments:

Duty Cycle: 1:1, Medium parameters used: f = 794 MHz; σ = 0.89 S/m; ϵ_r = 40.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN3612, , Frequency: 794.013 MHz, ConvF(8.79, 8.79, 8.79); Calibrated: 10/18/2018
Electronics: DAE4 Sn684, Calibrated: 10/9/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x271x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 65.74 V/m; Power Drift = -0.24 dB
Fast SAR: SAR(1 g) = 3.12 W/kg; SAR(10 g) = 2.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.79 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 = 65.74 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 4.21 W/kg
SAR(1 g) = 3.18 W/kg; SAR(10 g) = 2.32 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.76 W/kg

Below 2 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.77 W/kg



Shortened Scan Assessment
Table 133

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/10/2019 3:00:52 AM

Robot#: DASY5-PG-4	Run#: FD(BL)-AB-190110-03#
Model#:	PNUW1100A
Phantom#:	ELI4 1040
Tissue Temp:	21.1 (C)
Serial#:	437TUX0103
Antenna:	PMAE4049A
Test Freq:	470.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	PMMN4123A
Start Power:	5.60 (W)

Comments: Shorten Scan

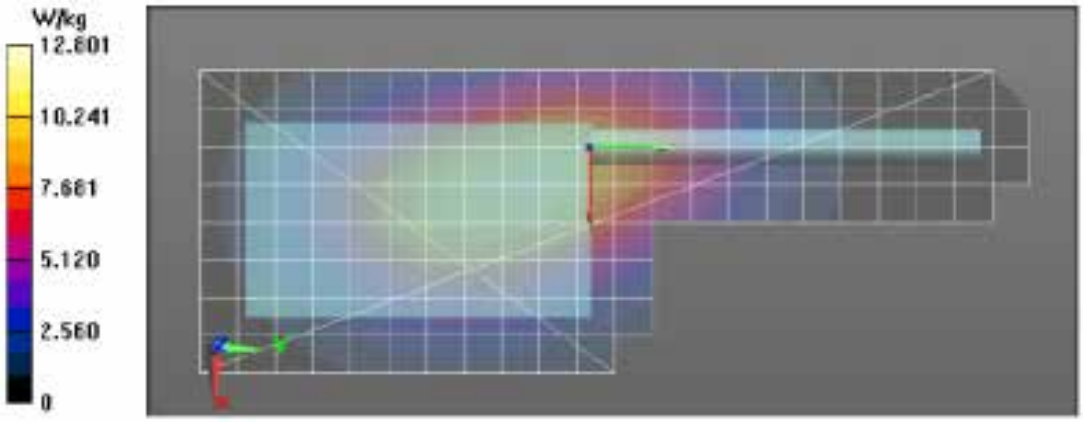
Duty Cycle: 1:1, Medium parameters used: f = 470 MHz; σ = 0.96 S/m; ε_r = 55.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3122, , Frequency: 470 MHz, ConvF(6.95, 6.95, 6.95); Calibrated: 4/18/2018
Electronics: DAE4 Sn850, Calibrated: 3/7/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 109.7 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 11.4 W/kg; SAR(10 g) = 8.13 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.8 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 = 109.7 V/m; Power Drift = -0.41 dB
Fast SAR: SAR(1 g) = 11 W/kg; SAR(10 g) = 8 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 12.3 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 120.4 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 11.7 W/kg; SAR(10 g) = 8.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 13.3 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) = 12.3 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)	133	8	6.29
Full scan (area & zoom)	25	30	6.50

DUT Scans (LTE)

Assessment at the Body (LTE B2)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/22/2019 2:38:11 AM

Robot#: DASY5-PG-2 | Run#:	LOH-AB-190122-04#
Model#:	PNUW1100A
Phantom#:	ELI4 1022
Tissue Temp:	21.6 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	1880.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	None
Start Power:	0.209 (W)

Comments:

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.7325,

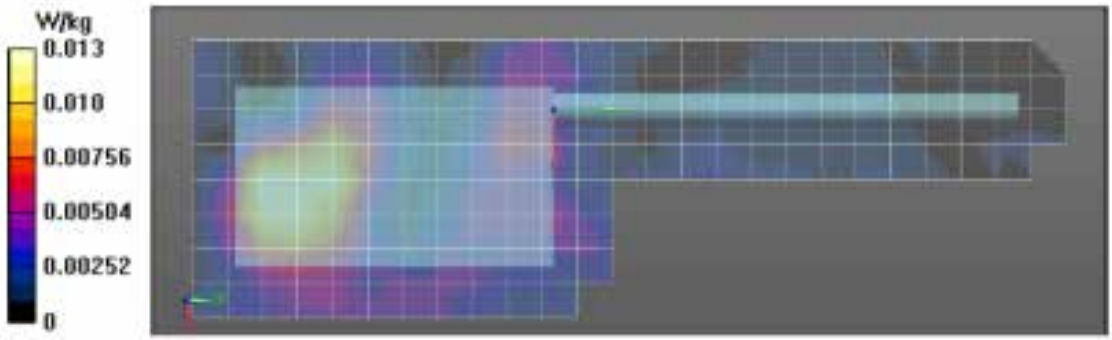
Medium parameters used: f = 1880 MHz; σ = 1.55 S/m; ε_r = 51.4; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 1880 MHz, ConvF(7.78, 7.78, 7.78); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 2.169 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00667 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0276 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 = 2.169 V/m; Power Drift = 0.29 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00507 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0154 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) = 0.00843 W/kg



Assessment at the Face (LTE B2)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/30/2019 2:13:08 PM

Robot#: DASY5-PG-2 | Run#:	LOH-FACE-190130-11
Model#:	PNUW1100A
Phantom#:	ELI4 1022
Tissue Temp:	20.3 (C)
Serial#:	437P1C0115
Antenna:	AN000304A01
Test Freq:	1860.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.156 (W)

Comments:

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz), Communication System UID: 10297 - AAD, Duty Cycle: 1:3.81066,

Medium parameters used: f = 1860 MHz; σ = 1.36 S/m; ε_r = 40.9; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 1860 MHz, ConvF(8.24, 8.24, 8.24); Calibrated: 10/19/2018

Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.47 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.144 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.319 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

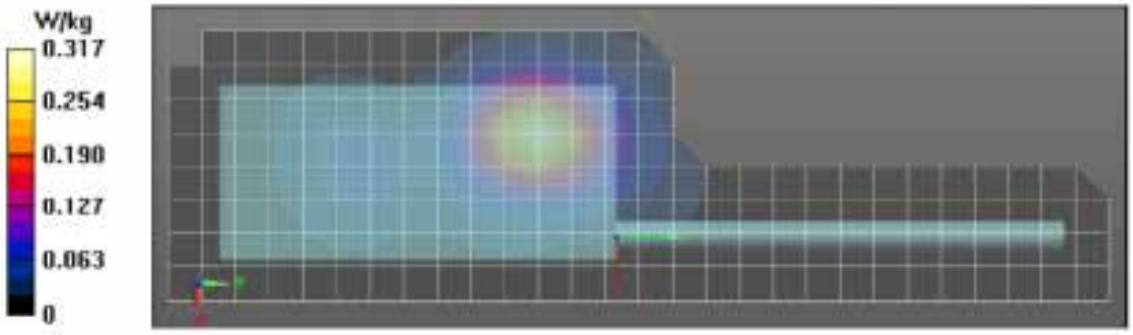
Reference Value = 11.47 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.156 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.324 W/kg

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



Assessment at the Body (LTE B4)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/24/2019 5:12:50 AM

Robot#: DASY5-PG-2 | Run#:	LOH-AB-190124-06#
Model#:	PNUW1100A
Phantom#:	ELI4 1022
Tissue Temp:	20.9 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	1745.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7964A w/ PMLN7965A
Audio Acc:	None
Start Power:	0.195 (W)

Comments:

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz), Communication System UID: 10169 - CAE, Duty Cycle: 1:3.74111,

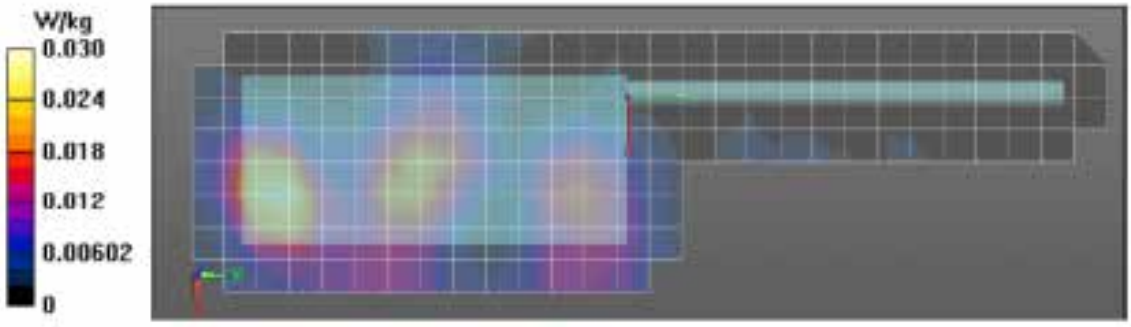
Medium parameters used: f = 1745 MHz; σ = 1.49 S/m; ε_r = 51.6; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 1745 MHz, ConvF(8.03, 8.03, 8.03); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 2.765 V/m; Power Drift = -0.18 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) = 0.0331 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 2.765 V/m; Power Drift = 0.34 dB
Peak SAR (extrapolated) = 0.0520 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.016 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0332 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) = 0.00786 W/kg



Assessment at the Face (LTE B4)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/29/2019 8:06:46 AM

Robot#: DASY5-PG-2 | Run#:	LOH-FACE-190129-02
Model#:	PNUW1100A
Phantom#:	ELI4 1022
Tissue Temp:	21.7 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	1745.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.195 (W)

Comments:

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz), Communication System UID: 10169 - CAE, Duty Cycle: 1:3.74111,

Medium parameters used: f = 1745 MHz; σ = 1.39 S/m; ε_r = 39.4; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 1745 MHz, ConvF(8.34, 8.34, 8.34); Calibrated: 10/19/2018

Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.95 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.143 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.321 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 = 10.95 V/m; Power Drift = -0.15 dB

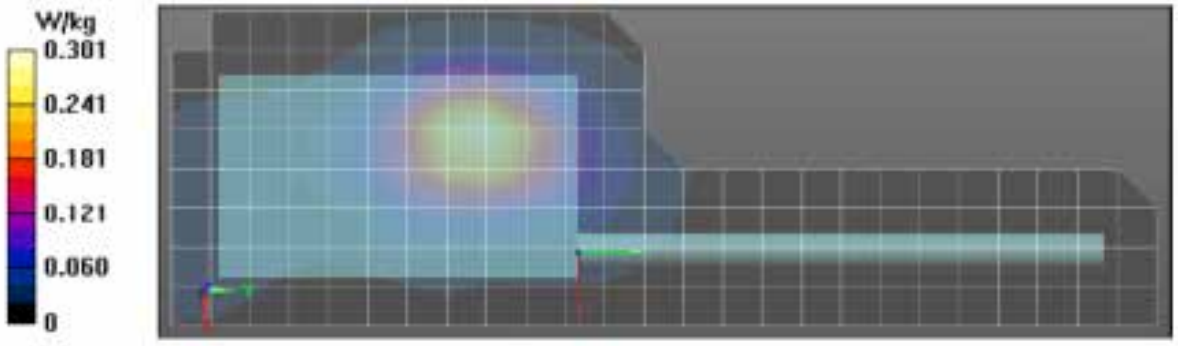
Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.148 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.318 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) = 0.317 W/kg



Assessment at the Body (LTE B5)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/17/2019 10:14:01 PM

Robot#: DASY5-PG-2 | Run#:	AM-AB-190117-13
Model#:	PNUW1100A
Phantom#:	ELI4 1108
Tissue Temp:	21.2 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	844.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	0.160 (W)

Comments:

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.75837,

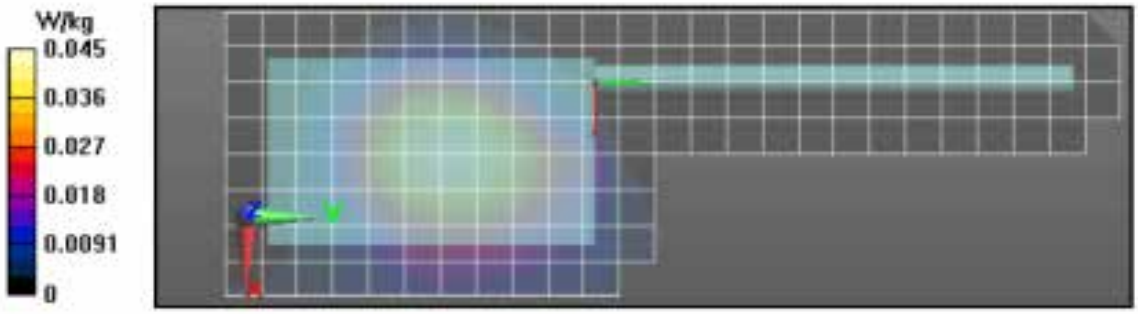
Medium parameters used: f = 844 MHz; σ = 1.03 S/m; ε_r = 57.3; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 844 MHz, ConvF(9.9, 9.9, 9.9); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.118 V/m; Power Drift = -0.39 dB
Fast SAR: SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.026 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0457 W/kg

Below 2 GHz-Rev.2/Ab Scan/3-Zoom Scan (8x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.118 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 0.0520 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.028 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0461 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) = 0.0469 W/kg



Assessment at the Face (LTE B5)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/10/2019 5:05:58 PM

Robot#: DASY5-PG-2 | Run#:	AM-FACE-190210-05
Model#:	PNUW1100A
Phantom#:	ELI4 1050
Tissue Temp:	21.9 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	836.5000 (MHz)
Battery:	NNTN9087A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.200 (W)

Comments:

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.7325,

Medium parameters used: f = 837 MHz, σ = 0.91 S/m; ε_r = 41; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 836.5 MHz, ConvF(9.85, 9.85, 9.85); Calibrated: 10/19/2018

Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x291x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.735 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.086 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.150 W/kg

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

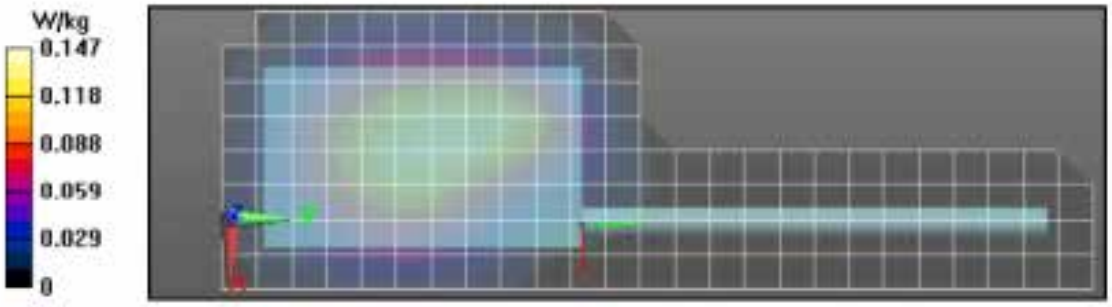
Reference Value = 9.735 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.091 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.151 W/kg

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



Assessment at the Body (LTE B12)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/9/2019 7:59:27 AM

Robot#: DASY5-PG-4 | Run#:	AM-AB-190109-01#
Model#:	PNUW1100A
Phantom#:	ELI4 1028
Tissue Temp:	21.5 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	704.000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	0.190 (W)

Comments:

Communication System Band: Band 12, E-UTRA/FDD (699.0 - 716.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.7325,

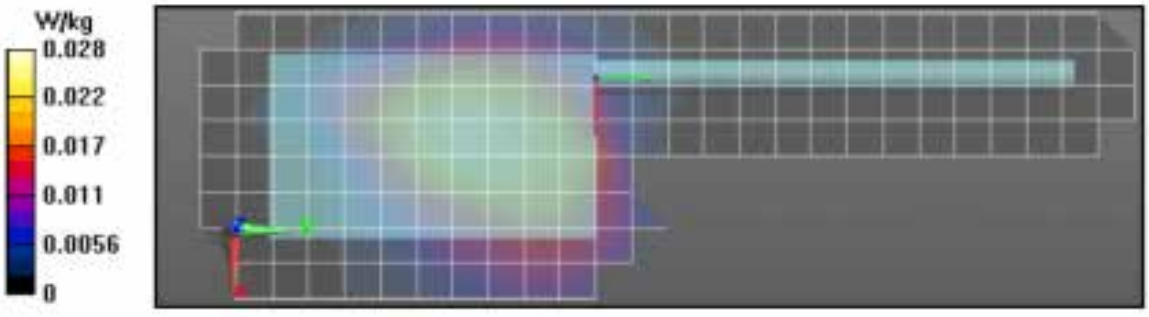
Medium parameters used: f = 704 MHz; σ = 0.91 S/m; ε_r = 54.8; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 704 MHz, ConvF(10.23, 10.23, 10.23); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.453 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0287 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 = 4.453 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0286 W/kg

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



Assessment at the Face (LTE B12)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/10/2019 6:46:10 PM

Robot#: DASY5-PG-2 | Run#:	AM-FACE-190210-07
Model#:	PNUW1100A
Phantom#:	ELI4 1037
Tissue Temp:	22.2 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	704.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.154 (W)

Comments:

Communication System Band: Band 12, E-UTRA/FDD (699.0 - 716.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.75837,

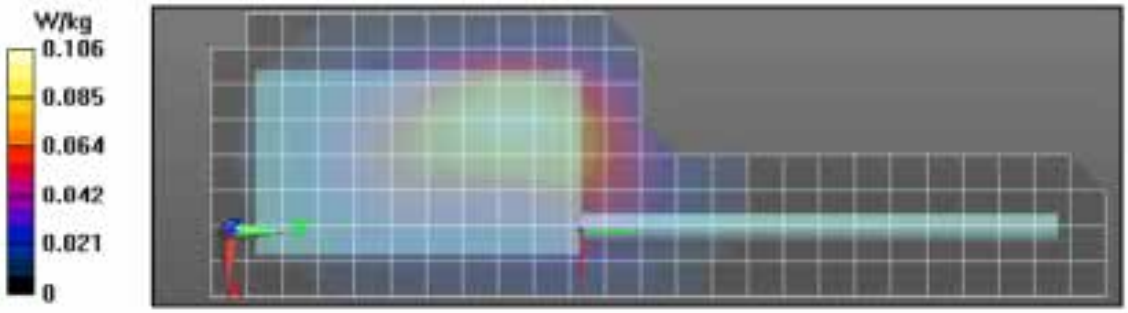
Medium parameters used: f = 704 MHz; σ = 0.84 S/m; ε_r = 44.2; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 704 MHz, ConvF(9.97, 9.97, 9.97); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x291x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.924 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.109 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 = 9.924 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.070 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.111 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) = 0.110 W/kg



Assessment at the Body (LTE B13)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/13/2019 5:59:33 AM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-190113-04
Model#:	PNUW1100A
Phantom#:	ELI4 1028
Tissue Temp:	21.1 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	782.000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	0.150 (W)

Comments:

Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.75837,

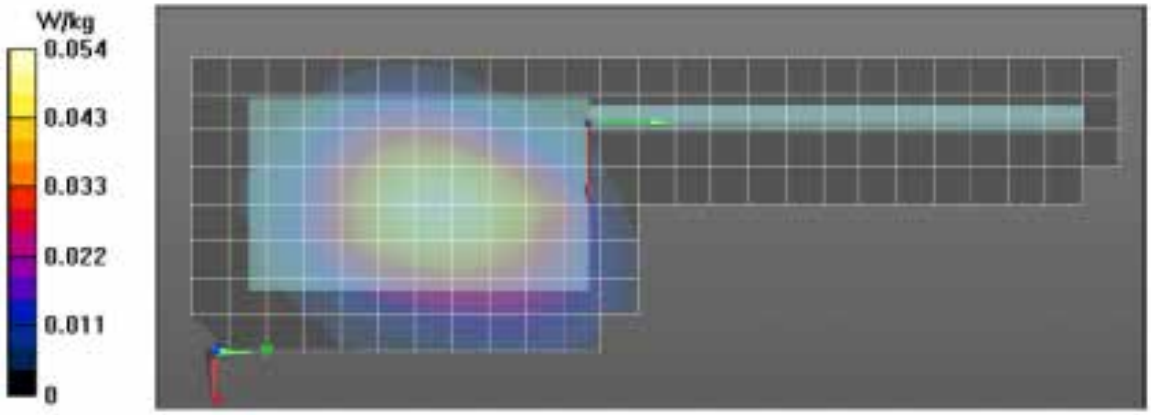
Medium parameters used: f = 782 MHz; σ = 0.99 S/m; ε_r = 53.4; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 782 MHz, ConvF(10.23, 10.23, 10.23); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.731 V/m; Power Drift = 0.10 dB
Fast SAR: SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.032 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0553 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 = 5.731 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0610 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.035 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0551 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) = 0.0546 W/kg



Assessment at the Face (LTE B13)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/27/2019 9:55:59 PM

Robot#: DASY5-PG-2 | Run#:	AM-FACE-190127-14
Model#:	PNUW1100A
Phantom#:	ELI4 1037
Tissue Temp:	21.4 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	782.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.150 (W)

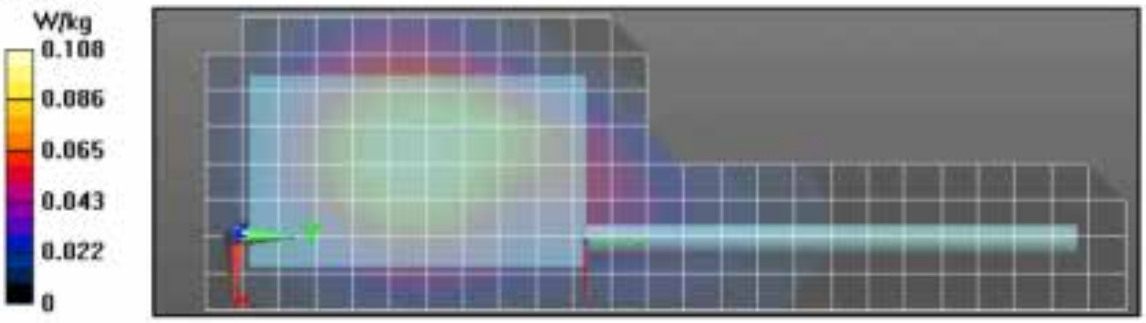
Comments:

Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz), Communication System UID: 10154 - CAG, Duty Cycle: 1:3.75837,
Medium parameters used: f = 782 MHz; σ = 0.93 S/m; ε_r = 41.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 782 MHz, ConvF(9.97, 9.97, 9.97); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.571 V/m; Power Drift = 0.09 dB
Fast SAR: SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.109 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 = 8.571 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.070 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.110 W/kg

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



Assessment at the Body (LTE B14)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/14/2019 3:54:48 PM

Robot#: DASY5-PG-4 | Run#:	LOH-AB-190114-15
Model#:	PNUW1100A
Phantom#:	ELI4 1028
Tissue Temp:	20.2 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	793.000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	None
Start Power:	0.192 (W)

Comments:

Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.7325,

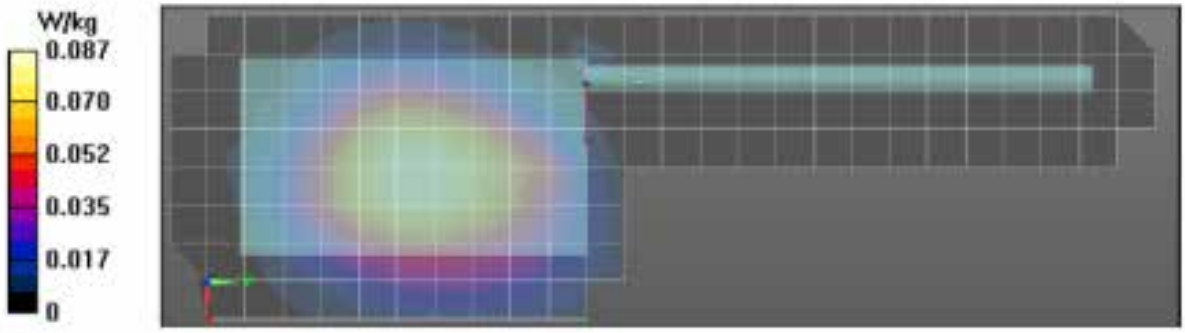
Medium parameters used: f = 793 MHz; σ = 1 S/m; ε_r = 53.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 793 MHz, ConvF(10.23, 10.23, 10.23); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x281x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.829 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.052 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0892 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 = 7.829 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0960 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.055 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0865 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) = 0.0877 W/kg



Assessment at the Face (LTE B14)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/28/2019 10:54:59 AM

Robot#: DASY5-PG-2 | Run#:	LOH-FACE-190128-07
Model#:	PNUW1100A
Phantom#:	ELI4 1037
Tissue Temp:	21.2 (C)
Serial#:	437P1C0115
Antenna:	AN000304A01
Test Freq:	793.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.192 (W)

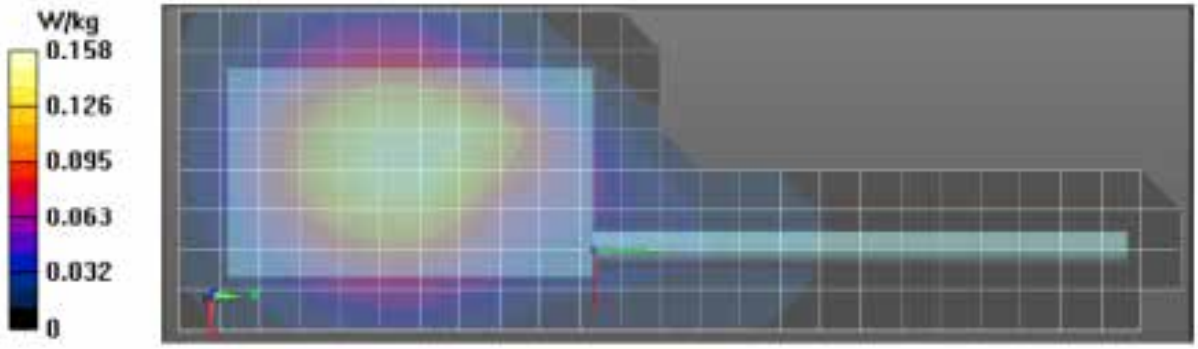
Comments:

Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.7325,
Medium parameters used: f = 793 MHz; σ = 0.92 S/m; ε_r = 40.7; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 793 MHz, ConvF(9.97, 9.97, 9.97); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.53 V/m; Power Drift = -0.17 dB
Fast SAR: SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.093 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.161 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 = 10.53 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.101 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.160 W/kg

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



Assessment at the Body (LTE B17)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/31/2019 1:15:44 AM

Robot#: DASY5-PG-2 | Run#:	AM-AB-190131-02#
Model#:	PNUW1100A
Phantom#:	ELI4 1028
Tissue Temp:	21.7 (C)
Serial#:	437P1C0117
Antenna:	AN000304A01
Test Freq:	709.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	0.187 (W)

Comments:

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.7325,

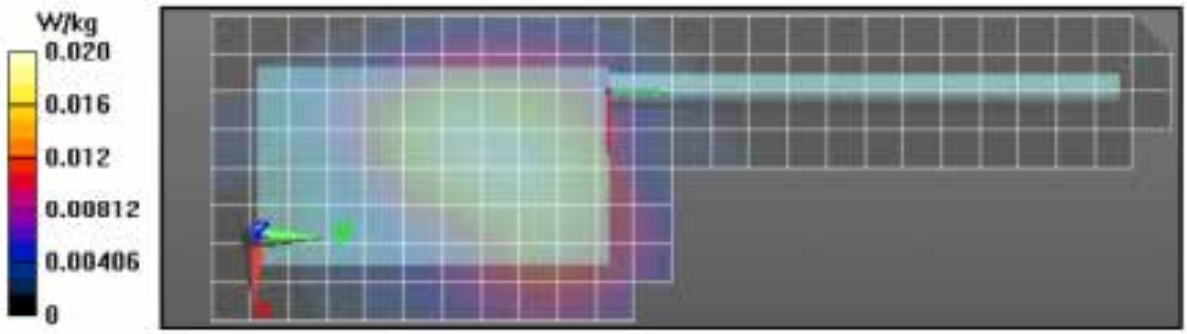
Medium parameters used: f = 709 MHz; σ = 0.92 S/m; ε_r = 54; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7519, , Frequency: 709 MHz, ConvF(10.23, 10.23, 10.23); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Ab Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 3.531 V/m; Power Drift = -0.47 dB
Fast SAR: SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.012 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0207 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 = 3.531 V/m; Power Drift = -0.36 dB
Peak SAR (extrapolated) = 0.0230 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

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) = 0.0201 W/kg



Assessment at the Face (LTE B17)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/31/2019 1:30:03 PM

Robot#: DASY5-PG-2 | Run#:	LOH-FACE-190131-08
Model#:	PNUW1100A
Phantom#:	ELI4 1037
Tissue Temp:	22.2 (C)
Serial#:	437P1C0115
Antenna:	AN000304A01
Test Freq:	709.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.187 (W)

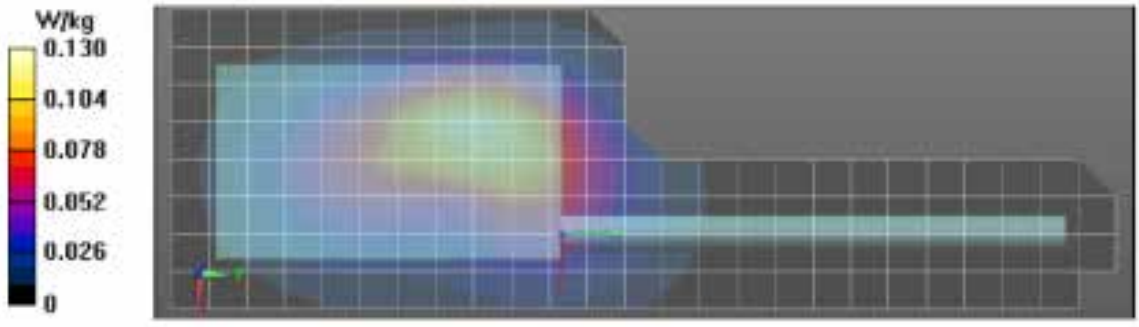
Comments:

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz), Communication System UID: 10175 - CAG, Duty Cycle: 1:3.7325,
Medium parameters used: f = 709 MHz; σ = 0.86 S/m; ε_r = 43.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7519, , Frequency: 709 MHz, ConvF(9.97, 9.97, 9.97); Calibrated: 10/19/2018
Electronics: DAE4 Sn1294, Calibrated: 10/16/2018

Below 2 GHz-Rev.2/Face Scan/1-Area Scan (81x301x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.258 V/m; Power Drift = -0.13 dB
Fast SAR: SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.076 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.135 W/kg

Below 2 GHz-Rev.2/Face Scan3-Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.258 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.081 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.133 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) = 0.132 W/kg



DUT Scans (WLAN)

Assessment at the Body (WLAN 2.4 GHz)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/5/2019 1:31:18 PM

Robot#: DASY5-PG-3 | Run#: ZZ-AB-190205-06
Model#: PNUW1100A
Phantom#: ELI4 1022
Tissue Temp: 20.8 (C)
Serial#: 437P1C0120
Antenna: AN000304A03
Test Freq: 2437.0000 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7947A w/ PMLN7965A
Audio Acc: None
Start Power: 0.199 (W)

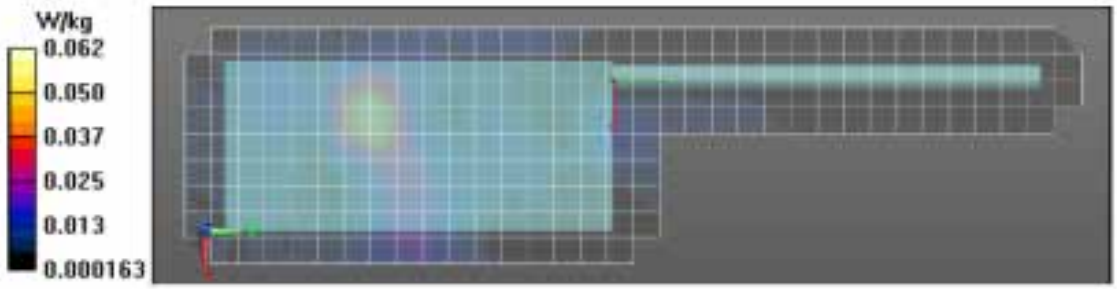
Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.42561,
Medium parameters used: f = 2437 MHz; σ = 1.89 S/m; ε_r = 49.1; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 2437 MHz, ConvF(7.77, 7.77, 7.77); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

2-3 GHz-Rev.2/Ab Scan/1-Area Scan (91x341x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.473 V/m; Power Drift = -0.44 dB
Fast SAR: SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.022 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0653 W/kg

2-3 GHz-Rev.2/Ab Scan/3-Zoom Scan (9x12x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.473 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 0.0780 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.024 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0626 W/kg

2-3 GHz-Rev.2/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0622 W/kg



Assessment at the Face (WLAN 2.4 GHz)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 2/6/2019 10:15:42 AM

Robot#: DASY5-PG-3 | Run#:	ZZ-FACE-190206-03
Model#:	PNUW1100A
Phantom#:	ELI4 1011
Tissue Temp:	20.6 (C)
Serial#:	437P1C0120
Antenna:	AN000304A03
Test Freq:	2462.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.188 (W)

Comments:

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz), Communication System UID: 10415 - AAA, Duty Cycle: 1:1.42561,

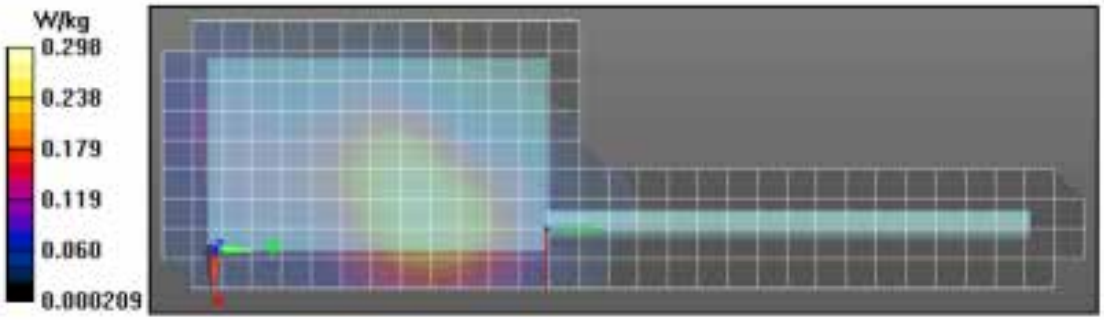
Medium parameters used: f = 2462 MHz; σ = 1.86 S/m; ϵ_r = 37.3; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, , Frequency: 2462 MHz, ConvF(7.72, 7.72, 7.72); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

2-3 GHz-Rev.2/Face Scan/1-Area Scan (91x341x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 6.632 V/m; Power Drift = -0.52 dB
Fast SAR: SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.125 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.293 W/kg

2-3 GHz-Rev.2/Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.632 V/m; Power Drift = -0.51 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.127 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.297 W/kg

2-3 GHz-Rev.2/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.298 W/kg



Assessment at the Body (WLAN 5 GHz U-NII-2A)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/25/2019 10:05:00 AM

Robot#: DASY5-PG-3 | Run#:	ZZ-AB-190125-04
Model#:	PNUW1100A
Phantom#:	ELI4 1090
Tissue Temp:	21.2 (C)
Serial#:	437P1C0122
Antenna:	AN000304A03
Test Freq:	5270.0000 (MHz)
Battery:	NNTN9087A
Carry Acc:	PMLN7947A w/ NTN8266B
Audio Acc:	None
Start Power:	0.118 (W)

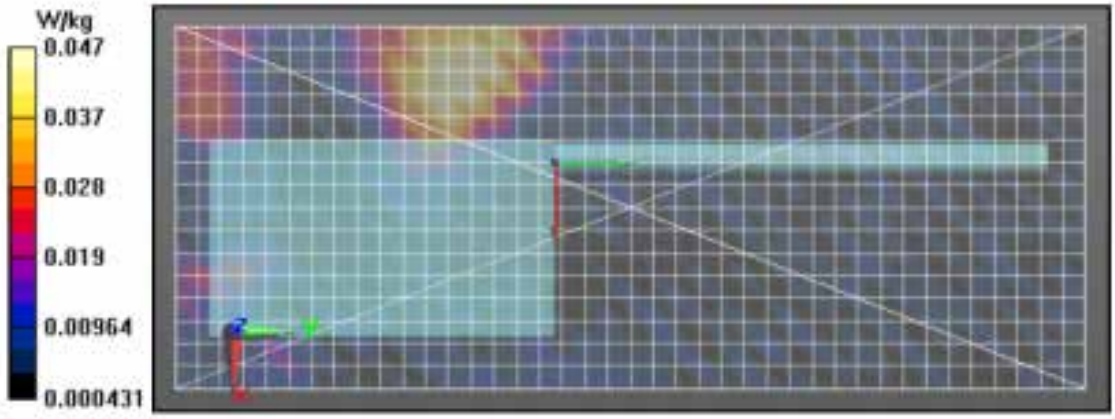
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz); Communication System UID: 10599 - AAB; Duty Cycle: 1:7.56833;
Medium parameters used: f = 5270 MHz; σ = 5.27 S/m; ε_r = 44.2; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 5270 MHz; ConvF(4.77, 4.77, 4.77); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488; Calibrated: 3/9/2018

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (161x401x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 3.174 V/m; Power Drift = -0.60 dB
Fast SAR: SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.0581 W/kg

4-6 GHz-Rev.4/Full Ab Scan/2-Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.174 V/m; Power Drift = -0.82 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00971 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0526 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0465 W/kg



Assessment at the Face (WLAN 5 GHz U-NII-2A)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/29/2019 7:48:22 AM

Robot#: DASY5-PG-3 | Run#:	FD-FACE-190129-02#
Model#:	PNUW1100A
Phantom#:	ELI4 1011
Tissue Temp:	22.0 (C)
Serial#:	437P1C0120
Antenna:	AN000304A03
Test Freq:	5270.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.117 (W)

Comments:

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAB, Duty Cycle: 1:7.56833,

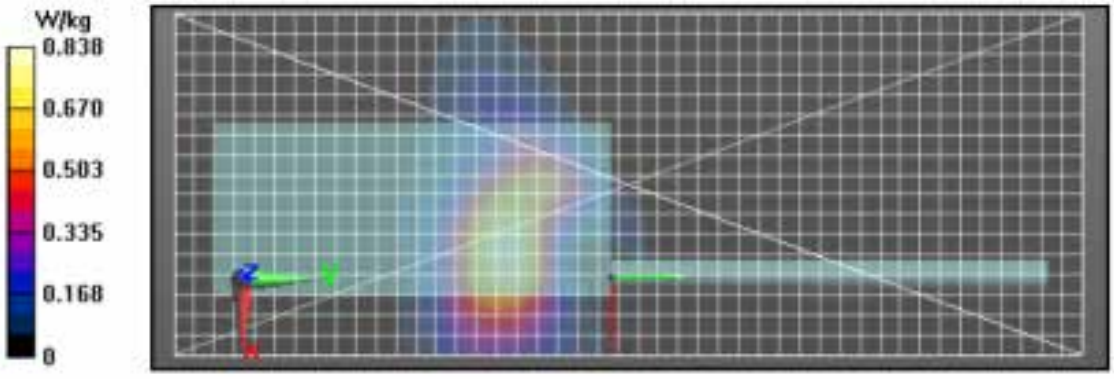
Medium parameters used: f = 5270 MHz; σ = 4.31 S/m; ε_r = 32.7; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, , Frequency: 5270 MHz, ConvF(5.61, 5.61, 5.61); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

4-6 GHz-Rev.4/Full Face Scan/1-Area Scan (171x451x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 11.43 V/m; Power Drift = -0.46 dB
Fast SAR: SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.184 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.872 W/kg

4-6 GHz-Rev.4/Full Face Scan/3-Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.43 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.199 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.860 W/kg

4-6 GHz-Rev.4/Full Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.857 W/kg



Assessment at the Body (WLAN 5 GHz U-NII-2C)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/25/2019 7:02:42 PM

Robot#: DASY5-PG-3	Run#: FD-AB-190125-06
Model#:	PNUW1100A
Phantom#:	ELI4 1090
Tissue Temp:	21.0 (C)
Serial#:	437P1C0122
Antenna:	AN000304A03
Test Freq:	5630.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	PMLN7947A w/ PMLN7965A
Audio Acc:	None
Start Power:	0.122 (W)

Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAB, Duty Cycle: 1:7.56833,

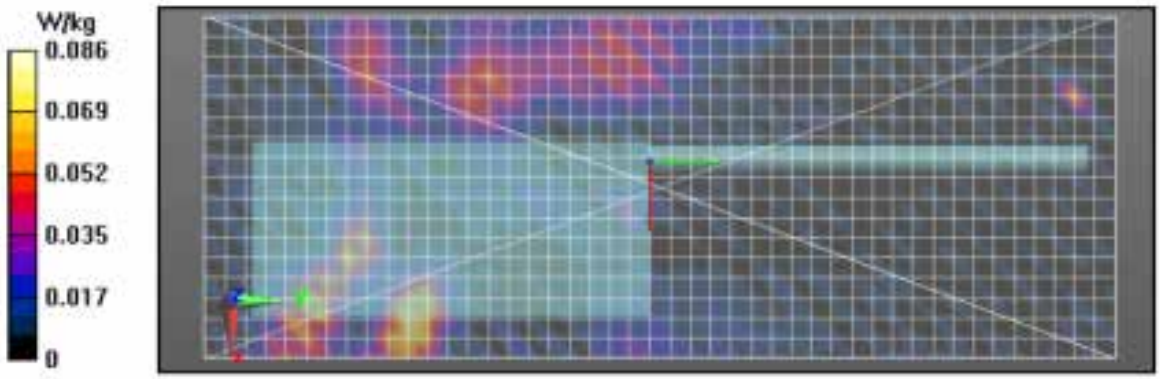
Medium parameters used: f = 5630 MHz; σ = 5.71 S/m; ε_r = 43.6; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, , Frequency: 5630 MHz, ConvF(4.11, 4.11, 4.11); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (171x451x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 3.028 V/m; Power Drift = -1.00 dB
Fast SAR: SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.206 W/kg

4-6 GHz-Rev.4/Full Ab Scan/2-Zoom Scan (11x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.028 V/m; Power Drift = -0.90 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0968 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0630 W/kg



Assessment at the Face (WLAN 5 GHz U-NII-2C)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 1/30/2019 1:38:41 AM

Robot#: DASY5-PG-3 | Run#:	ZZ-FACE-190130-01#
Model#:	PNUW1100A
Phantom#:	ELI4 1011
Tissue Temp:	21.5 (C)
Serial#:	437P1C0120
Antenna:	AN000304A03
Test Freq:	5630.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.122 (W)

Comments:
Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAB, Duty Cycle: 1:7.56833,

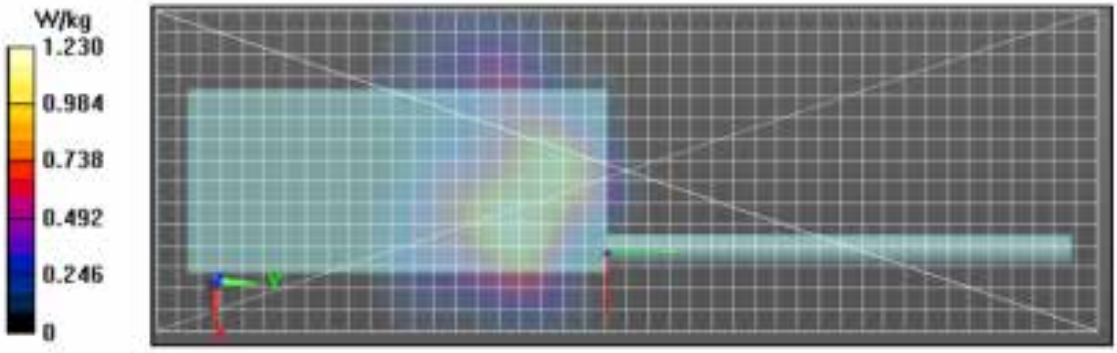
Medium parameters used: f = 5630 MHz; σ = 4.72 S/m; ε_r = 32; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, , Frequency: 5630 MHz, ConvF(4.93, 4.93, 4.93); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

4-6 GHz-Rev.4/Full Face Scan/1-Area Scan (151x441x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 16.61 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.244 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.24 W/kg

4-6 GHz-Rev.4/Full Face Scan/3-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.61 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.270 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.24 W/kg

4-6 GHz-Rev.4/Full Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.23 W/kg



Assessment at the Body (WLAN 5 GHz U-NII-3)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 1/22/2019 2:25:56 AM

Robot#: DASY5-PG-3 | Run#: FD-AB-190122-01#
Model#: PNUW1100A
Phantom#: ELI4 1090
Tissue Temp: 21.5 (C)
Serial#: 437P1C0120
Antenna: AN000304A03
Test Freq: 5795.0000 (MHz)
Battery: NNTN9089A
Carry Acc: PMLN7964A w/ NTN8266B
Audio Acc: None
Start Power: 0.117 (W)

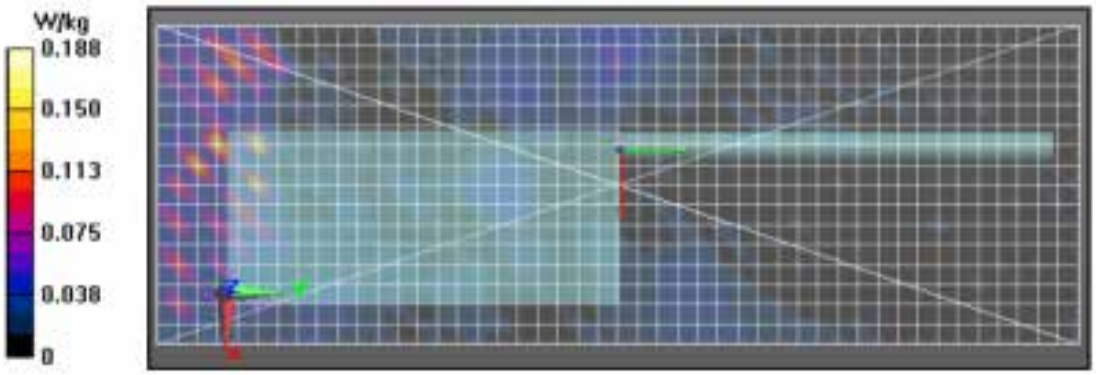
Comments: Full Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAB, Duty Cycle: 1:7.56833,
Medium parameters used: f = 5795 MHz; σ = 5.92 S/m; ε_r = 43.6; ρ = 1000 kg/m^3
Probe: EX3DV4 - SN7486, , Frequency: 5795 MHz; ConvF(4.27, 4.27, 4.27); Calibrated: 3/20/2018
Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

4-6 GHz-Rev.4/Full Ab Scan/1-Area Scan (161x461x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 1.229 V/m; Power Drift = 0.29 dB
Fast SAR: SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.226 W/kg

4-6 GHz-Rev.4/Full Ab Scan/2-Zoom Scan (15x15x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.229 V/m; Power Drift = -0.51 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.011 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.175 W/kg

4-6 GHz-Rev.4/Full Ab Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.0516 W/kg



Assessment at the Face (WLAN 5 GHz U-NII-3)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 2/6/2019 12:57:46 PM

Robot#: DASY5-PG-3 | Run#:	ZZ-FACE-190206-06
Model#:	PNUW1100A
Phantom#:	ELI4 1011
Tissue Temp:	21.2 (C)
Serial#:	437P1C0120
Antenna:	AN000304A03
Test Freq:	5795.0000 (MHz)
Battery:	NNTN9089A
Carry Acc:	Non-Display side against the phantom
Audio Acc:	None
Start Power:	0.117 (W)

Comments: Shorten Scan

Communication System Band: WLAN 5GHz (4915.0 - 5825.0 MHz), Communication System UID: 10599 - AAB, Duty Cycle: 1:7.56833,

Medium parameters used: f = 5795 MHz; σ = 4.85 S/m; ε_r = 32; ρ = 1000 kg/m^3

Probe: EX3DV4 - SN7486, , Frequency: 5795 MHz, ConvF(5.13, 5.13, 5.13); Calibrated: 3/20/2018

Electronics: DAE4 Sn1488, Calibrated: 3/9/2018

4-6 GHz-Rev.4/Shortened Face Scan/1-Area Scan (141x471x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 18.68 V/m; Power Drift = -0.36 dB

Fast SAR: SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.321 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.79 W/kg

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

Reference Value = 20.34 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.329 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.63 W/kg

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