MOTOROLA SOLUTIONS

ACCREDITED
TESTING CERT # 2518.01

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

Motorola Solutions Inc.
EME Test Laboratory
8000 West Sunrise Blvd
Fort Lauderdale, FL. 33322.

Date of Report: **10/3/2013**
Report Revision: **A**
Report ID: **SR11747 APX4000 900 Exp Rev A 131003**

Responsible Engineer:	Michael Sailsman(Senior Staff EME Engineer)
Report Author:	Michael Sailsman (Senior Staff EME Engineer)
Date/s Tested:	7/25/2012-8/29/2012
Manufacturer/Location:	Motorola, Penang
Sector/Group/Div.:	AESS – Astro Engineering Subscriber Solutions
Date submitted for test:	7/19/2012
DUT Description:	896-941MHz 1-3W 6.25kHz/12.5kHz, Single Display Model full keypad. Capable of digital and analog FM transmission. Also capable of TDMA transmission. This radio is Bluetooth equipped.
Test TX mode(s):	CW (PTT); CW (Bluetooth)
Max. Power output:	3.0 W; 10 mW (Bluetooth)
Nominal Power:	2.5W; 10 mW (Bluetooth)
Tx Frequency Bands:	896- 902 MHz, 935-941 MHz,; 2.402-2.480 GHz (Bluetooth)
Signaling type:	FM, TDMA, FHSS (Bluetooth)
Model(s) Tested:	H51WCH9PW7AN (MUF1608)
Model(s) Certified:	H51WCH9PW7AN (MUF1608)
Serial Number(s):	426TNP0238
Classification:	Occupational/Controlled
FCC ID:	AZ489FT5861; Rule Part 90 (896-901MHz & 935-940MHz); Rule Part 24 (901-902 & 940-941 MHz); Rule Part 15 (2402 – 2480 MHz) Results outside FCC bands are not applicable for FCC compliance demonstration.
IC:	N/A

* Refer to section 15 of part 1 for highest SAR summary results.

The test results clearly demonstrate compliance with FCC Occupational/Controlled RF Exposure limits of 8 W/kg averaged over 1 gram per the requirements of 47 CFR 2.1093(d). The 10 grams result is not applicable to FCC filing. Results outside FCC bands are not applicable for FCC compliance demonstration. The test results clearly demonstrate compliance with ICNIRP (1998) Guidelines for limiting exposure in time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz), Health Physics 74, 494-522 RF Exposure limits of 10 W/kg averaged over 10grams of contiguous tissue.

Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 3.0 of this report. This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory.
I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.

Deanna Zakharia

Zakharia Deanna-EDC015

Digitally signed by Zakharia Deanna-EDC015
DN: cn=Zakharia Deanna-EDC015
Date: 2013.10.09 13:20:37 -04'00'

Deanna Zakharia
EMS EME Lab Senior Resource Manager, Laboratory Director
Approval Date: 10/9/2013

Certification Date: 10/9/2013

Certification No.: L1131003

APPENDIX D
System Check Scans

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2012 7:44:16 AM

Robot#: DASY5-FL-2 | Run#:	JsT-SYSP-900B-120725-01
Dipole Model#	D900V2
Phantom#:	OVAL1021
Tissue Temp:	21.9 (C)
Serial#:	085
Test Freq:	900 (MHz)
Start Power:	250 (mW)

Target SAR (1W):	11.25 mW/g (1g)
Adjusted SAR (1W):	11.44 mW/g (1g)
Percent from Target (+/-):	1.7 % (1g)
Rotation (1D):	0.034 dB

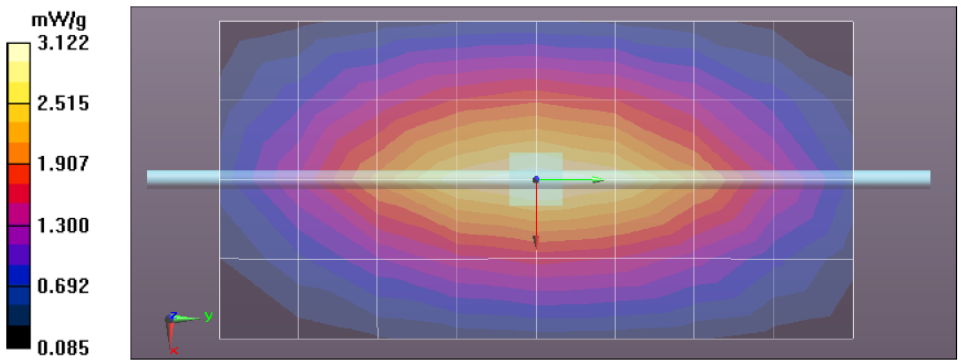
Comments:

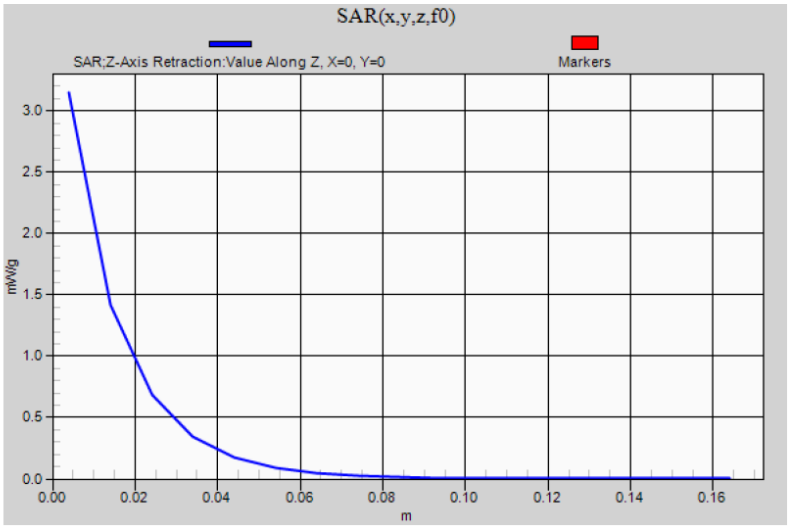
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.06 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.12 mW/g

Below 3 GHz-Rev.4/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.779 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.343 mW/g
SAR(1 g) = 2.86 mW/g; SAR(10 g) = 1.85 mW/g (SAR corrected for target medium)

Below 3 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.15 mW/g





Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/27/2012 6:11:31 AM

Robot#: DASY5-FL-2 | Run#:	ErC-SYSP-900H-120727-01
Dipole Model#	D900V2
Phantom#:	OVAL1019
Tissue Temp:	21.9 (C)
Serial#:	085
Test Freq:	900 (MHz)
Start Power:	250 (mW)

Target SAR (1W):	11.31 mW/g	(1g)
Adjusted SAR (1W):	11.28 mW/g	(1g)
Percent from Target (+/-):	0.3 %	(1g)
Rotation (1D):	0.044 dB	

Comments:

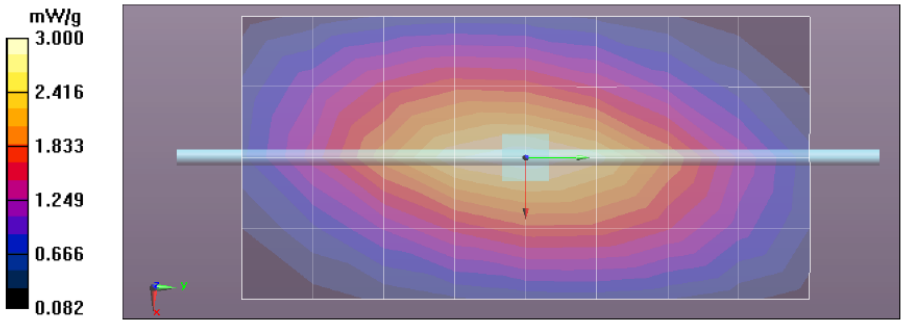
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 0.94 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(5.97, 5.97, 5.97); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

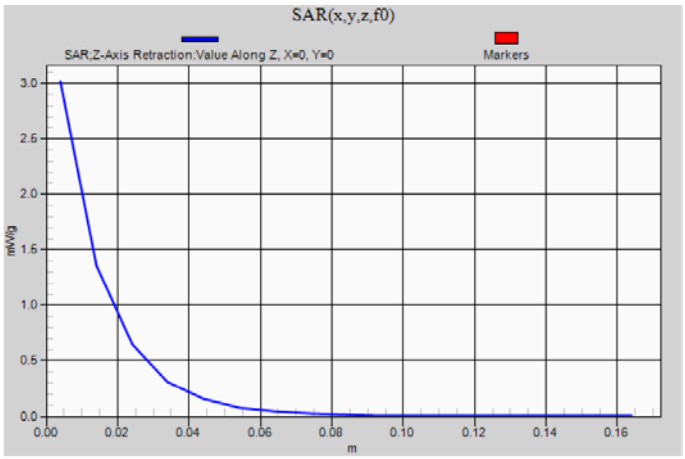
Below 3 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 57.549 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 2.84 mW/g; SAR(10 g) = 1.9 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.00 mW/g

Below 3 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.00 mW/g

Below 3 GHz-Rev.4/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.549 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.041 mW/g
SAR(1 g) = 2.82 mW/g; SAR(10 g) = 1.82 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.01 mW/g

Below 3 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.02 mW/g





Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/10/2012 3:08:11 PM

Robot#: DASY5-FL-2 | Run#: HvH-SYSP-900B-120810-03
Dipole Model# D900V2
Phantom#: OVAL1021
Tissue Temp: 21.7 (C)
Serial#: 085
Test Freq: 900 (MHz)
Start Power: 250 (mW)

Target SAR (1W): 11.25 mW/g (1g)
Adjusted SAR (1W): 11.40 mW/g (1g)
Percent from Target (+/-): 1.3 % (1g)
Rotation (1D): 0.042 dB

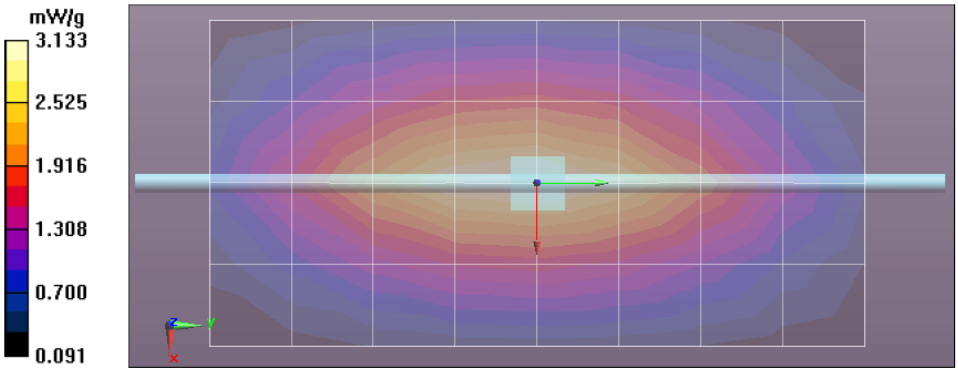
Comments:

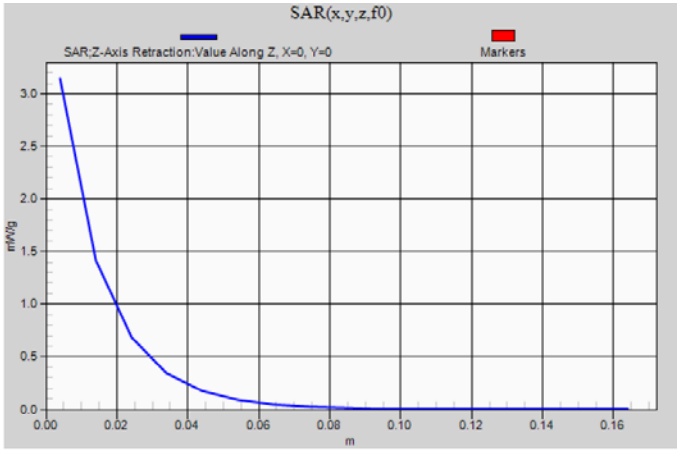
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.08 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 54.568 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 2.86 mW/g; SAR(10 g) = 1.92 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.14 mW/g

Below 3 GHz-Rev.4/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.568 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.383 mW/g
SAR(1 g) = 2.85 mW/g; SAR(10 g) = 1.84 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.15 mW/g

Below 3 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm





Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/13/2012 4:06:02 PM

Robot#: DASY5-FL-2 | Run#:	CM-SYSP-900B-120813-01
Dipole Model#	D900V2
Phantom#:	OVAL1021
Tissue Temp:	21.8 (C)
Serial#:	085
Test Freq:	900 (MHz)
Start Power:	250 (mW)

Target SAR (1W):	11.25 mW/g	(1g)
Adjusted SAR (1W):	11.40 mW/g	(1g)
Percent from Target (+/-):	1.3 %	(1g)
Rotation (1D):	0.073 dB	

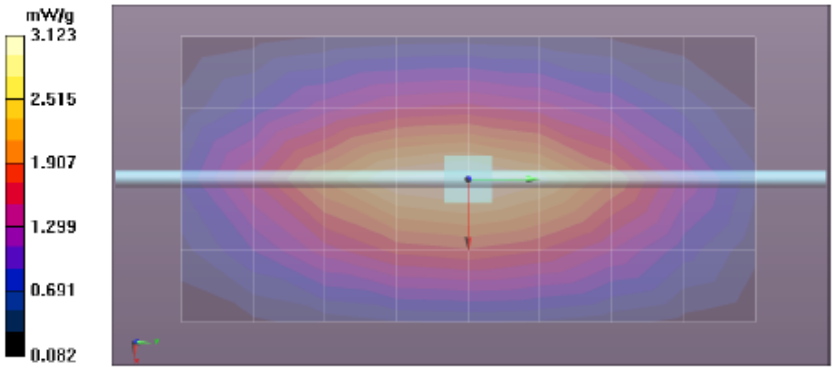
Comments:

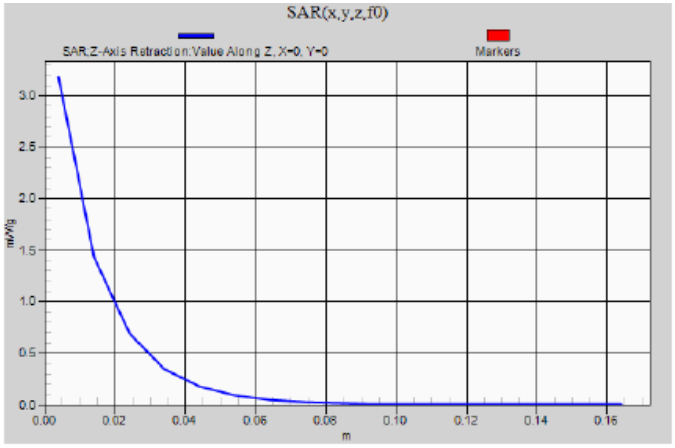
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.08 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 54.565 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 2.86 mW/g; SAR(10 g) = 1.92 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.14 mW/g

Below 3 GHz-Rev.4/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.565 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.378 mW/g
SAR(1 g) = 2.85 mW/g; SAR(10 g) = 1.84 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.15 mW/g

Below 3 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.18 mW/g





Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/21/2012 11:00:22 AM

Robot#: DASY5-FL-2 | Run#:	JsT-SYSP-900B-120821-01
Dipole Model#	D900V2
Phantom#:	OVAL1016
Tissue Temp:	21.7 (C)
Serial#:	085
Test Freq:	900 (MHz)
Start Power:	250 (mW)

Target SAR (1W):	11.25 mW/g	(1g)
Adjusted SAR (1W):	11.20 mW/g	(1g)
Percent from Target (+/-):	0.4 %	(1g)
Rotation (1D):	0.029 dB	

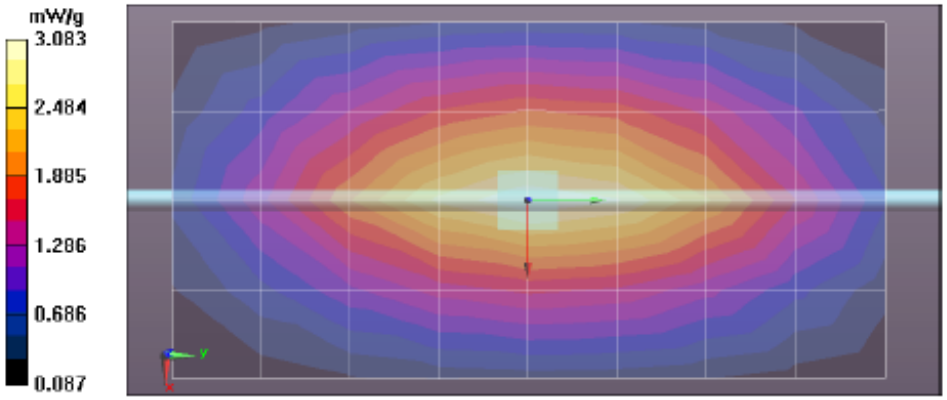
Comments:

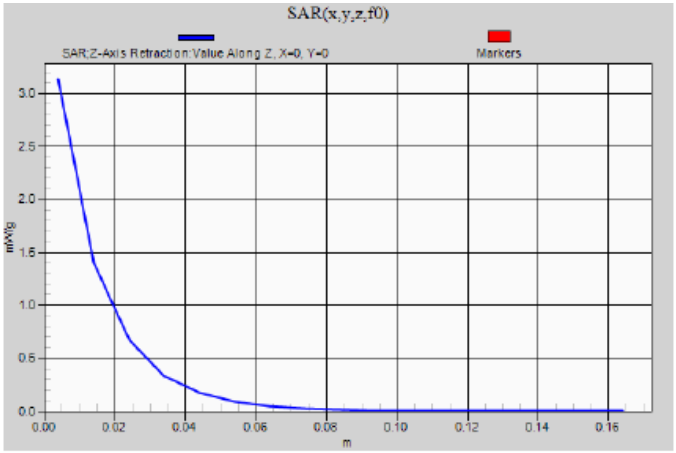
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.07 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.08 mW/g

Below 3 GHz-Rev.4/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.543 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.309 mW/g
SAR(1 g) = 2.8 mW/g; SAR(10 g) = 1.81 mW/g (SAR corrected for target medium)

Below 3 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.13 mW/g





Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/29/2012 11:28:36 AM

Robot#: DASY5-FL-2 | Run#:	JsT-SYSP-900B-120829-07
Dipole Model#	D900V2
Phantom#:	OVAL1016
Tissue Temp:	21.5 (C)
Serial#:	085
Test Freq:	900 (MHz)
Start Power:	250 (mW)

Target SAR (1W):	11.25 mW/g	(1g)
Adjusted SAR (1W):	10.88 mW/g	(1g)
Percent from Target (+/-):	3.3 %	(1g)
Rotation (1D):	0.041 dB	

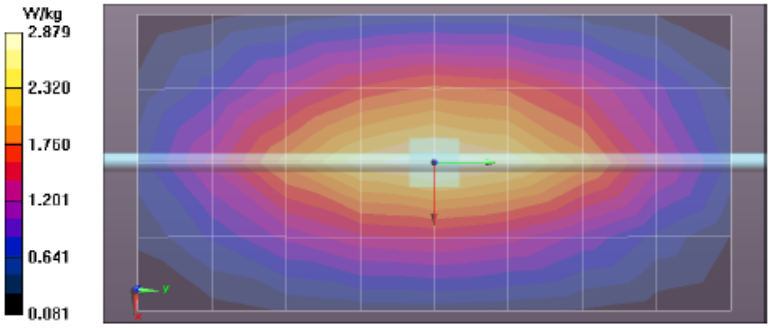
Comments:

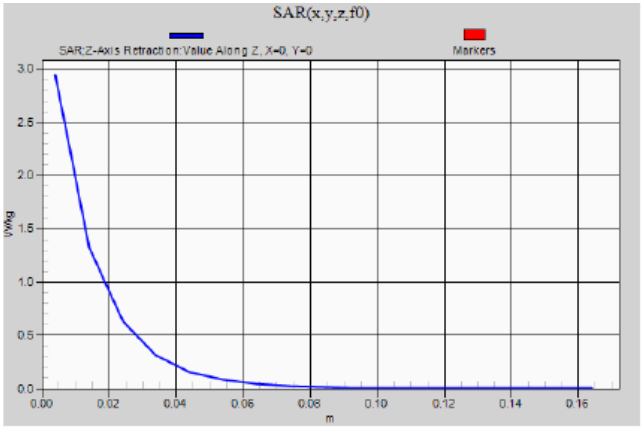
Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; σ = 1.03 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.4/System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.88 W/kg

Below 3 GHz-Rev.4/System Performance Check/0-Degree Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.461 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 4.080 mW/g
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.75 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.93 W/kg

Below 3 GHz-Rev.4/System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.94 W/kg





APPENDIX E
DUT Scans (Shortened Scan and Highest SAR configurations)

Shortened Scan Result
Table 29

Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/29/2012 12:10:29 PM

Robot#: DASY5-FL-2 | Run#: JsT-Ab-120829-08
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1016
Tissue Temp: 21.2 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 896.0125 (MHz)
Battery: NNTN8128B
Carry Acc: PMLN4651A
Audio Acc: BT None
Start Power: 3.12 (W)

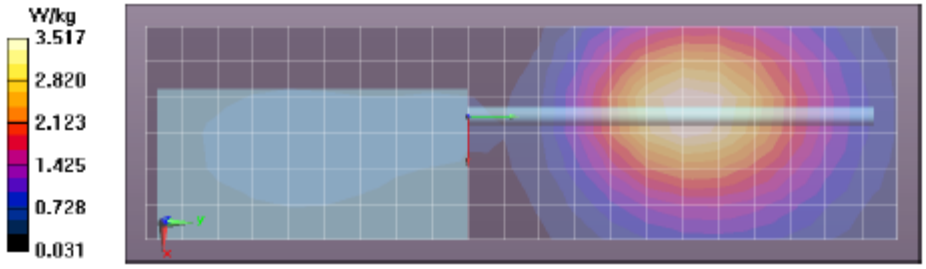
Comments: Shortened Scan

Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 1.03 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.552 V/m; Power Drift = -0.50 dB
Fast SAR: SAR(1 g) = 3.44 mW/g; SAR(10 g) = 2.44 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.62 W/kg

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.175 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 4.753 mW/g
SAR(1 g) = 3.56 mW/g; SAR(10 g) = 2.57 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.75 W/kg

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.69 W/kg



Shortened scan reflect highest SAR producing configuration; approximate run time is 7 minutes.
Representative full scan run time was 26 minutes.
"Shortened" scan max calculated SAR using SAR drift: 1-g Avg. = 1.88 mW/g; 10-g Avg. = 1.36 mW/g.
Zoom scan max calculated SAR using SAR drift (see part 1 table 18): 1-g Avg. = 1.95 mW/g; 10-g Avg. = 1.41 mW/g.

Body - Highest SAR Configuration Result

Table 29

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/29/2012 12:10:29 PM

Robot#: DASY5-FL-2 | Run#:	JsT-Ab-120829-08
Model#:	H51WCH9PW7AN (MUF1608)
Phantom#:	OVAL1016
Tissue Temp:	21.2 (C)
Serial#:	426TNP0238
Antenna:	PMAF4008A
Test Freq:	896.0125 (MHz)
Battery:	NNTN8128B
Carry Acc:	PMLN4651A
Audio Acc:	BT None
Start Power:	3.12 (W)

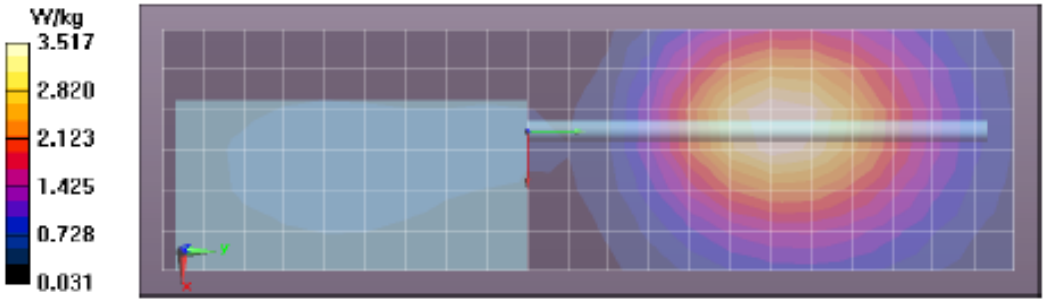
Comments: Shortened Scan

Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 1.03 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 57.552 V/m; Power Drift = -0.50 dB
Fast SAR: SAR(1 g) = 3.44 mW/g; SAR(10 g) = 2.44 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.62 W/kg

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.175 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 4.753 mW/g
SAR(1 g) = 3.56 mW/g; SAR(10 g) = 2.57 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.75 W/kg

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.69 W/kg



Face - Highest SAR Configuration Result

Table 26

Motorola Solutions, Inc. EME Laboratory

Date/Time: 7/27/2012 7:21:09 AM

Robot#: DASY5-FL-2 | Run#: ErC-Face-120727-02
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1019
Tissue Temp: 21.9 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 896.0125 (MHz)
Battery: NNTN8129A
Carry Acc: None
Audio Acc: None
Start Power: 3.12 (W)

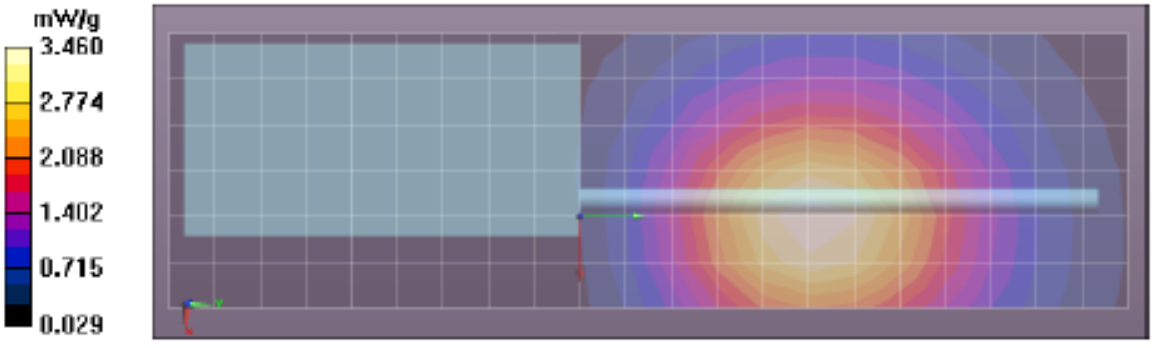
Comments: Front of DUT Facing Phantom @2.5cm
Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 0.93 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(5.97, 5.97, 5.97); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Face Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 56.084 V/m; Power Drift = -0.32 dB
Fast SAR: SAR(1 g) = 3.37 mW/g; SAR(10 g) = 2.39 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.47 mW/g

Below 3 GHz-Rev.5/Face Scan/1-Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.46 mW/g

Below 3 GHz-Rev.5/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.084 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 3.998 mW/g
SAR(1 g) = 3.18 mW/g; SAR(10 g) = 2.31 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.29 mW/g

Below 3 GHz-Rev.5/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.25 mW/g



APPENDIX F
DUT Scans - FCC Part 90 (896-901 & 935-940 MHz bands)
FCC Part 24 (901-902 & 940-941 MHz Band)

896-902MHz Band
Assessments at the Body with Body worn PMLN4651A
Table 14
Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2012 8:12:37 AM

Robot#: DASY5-FL-2 | Run#: JsT-Ab-120725-02
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1021
Tissue Temp: 21.7 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 896.0125 (MHz)
Battery: NNTN8128B
Carry Acc: PMLN4651A
Audio Acc: HMN4104B
Start Power: 3.10 (W)

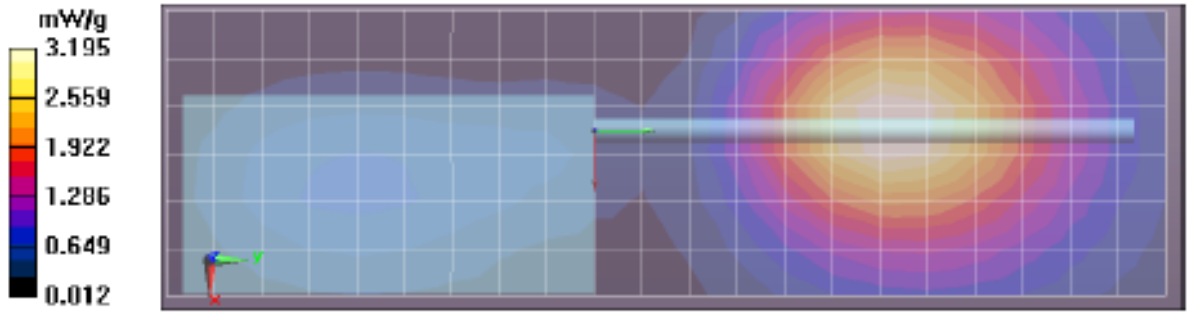
Comments: Full Scan

Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 1.06 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 54.386 V/m; Power Drift = -0.52 dB
Fast SAR: SAR(1 g) = 3.13 mW/g; SAR(10 g) = 2.21 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.31 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.386 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 4.005 mW/g
SAR(1 g) = 2.99 mW/g; SAR(10 g) = 2.16 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.16 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.13 mW/g



Assessments at the Body with Body worn PMLN7008A
Table 15
Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2012 8:48:50 AM

Robot#: DASY5-FL-2 | Run#:	JsT-Ab-120725-03
Model#:	H51WCH9PW7AN (MUF1608)
Phantom#:	OVAL1021
Tissue Temp:	21.8 (C)
Serial#:	426TNP0238
Antenna:	PMAF4008A
Test Freq:	896.0125 (MHz)
Battery:	NNTN8128B
Carry Acc:	PMLN7008A
Audio Acc:	HMN4104B
Start Power:	3.10 (W)

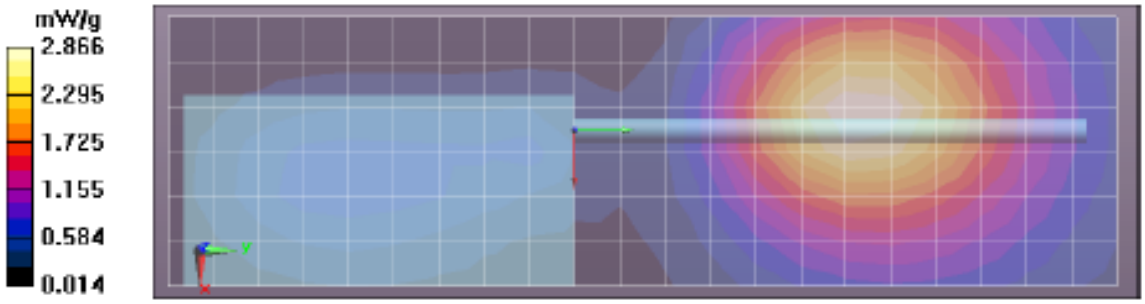
Comments: Full Scan

Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 1.06 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 50.289 V/m; Power Drift = -0.47 dB
Fast SAR: SAR(1 g) = 2.75 mW/g; SAR(10 g) = 1.95 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.91 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.289 V/m; Power Drift = -0.52 dB
Peak SAR (extrapolated) = 3.580 mW/g
SAR(1 g) = 2.67 mW/g; SAR(10 g) = 1.94 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.83 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.80 mW/g



Assessments at the body with Body worn PMLN6085A

Table 16

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/13/2012 4:58:42 PM

Robot#: DASY5-FL-2 | Run#:	CM-Ab-120813-02
Model#:	H51WCH9PW7AN (MUF1608)
Phantom#:	OVAL1021
Tissue Temp:	21.8 (C)
Serial#:	426TNP0238
Antenna:	PMAF4008A
Test Freq:	896.0125 (MHz)
Battery:	NNTN8129A
Carry Acc:	PMLN6085A
Audio Acc:	HMN4104B
Start Power:	3.11 (W)

Comments: Full Scan

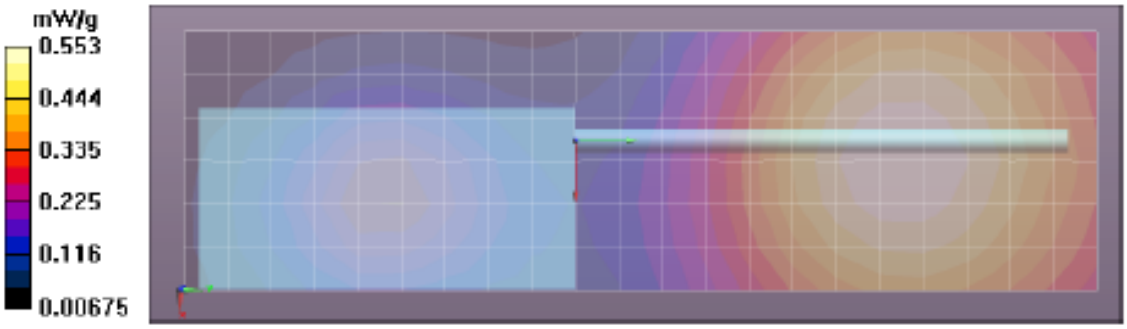
Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 1.08 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 23.308 V/m; Power Drift = -0.40 dB
Fast SAR: SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.385 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.558 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.308 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 0.664 mW/g
SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.379 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.531 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.524 mW/g



Assessment at the Body with Body worn PMLN6085A (no belt loop)/NTN5243A

Table 17

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/21/2012 2:15:17 PM

Robot#: DASY5-FL-2 | Run#: JsT-Ab-120821-04
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1016
Tissue Temp: 21.2 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 896.0125 (MHz)
Battery: NNTN8129A
Carry Acc: PMLN6085A (Without Belt Loop) w/ NTN5243A (Dated 7-2-08)
Audio Acc: HMN4104B
Start Power: 3.13 (W)

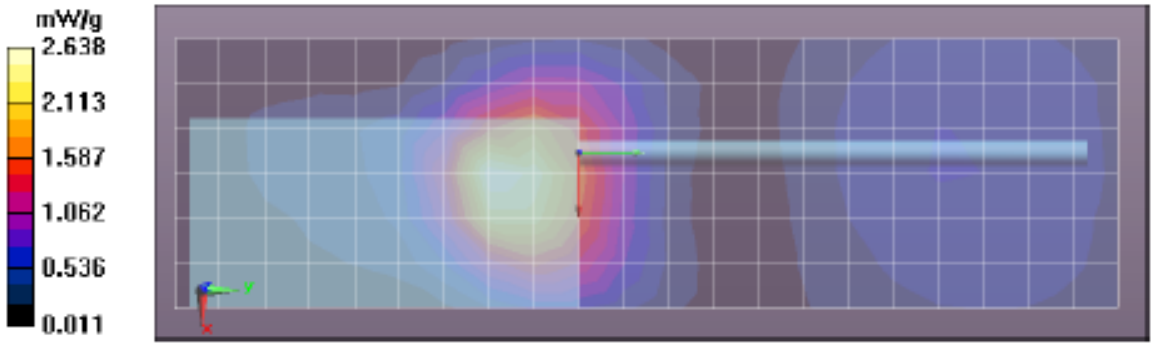
Comments: Full Scan; Back of DUT Towards Phantom;
Tested with Large Buckle Carry Strap with Metal Buckles away from Phantom.

Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 1.06 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.964 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 2.59 mW/g; SAR(10 g) = 1.75 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.84 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.964 V/m; Power Drift = -0.48 dB
Peak SAR (extrapolated) = 4.960 mW/g
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.69 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.02 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.08 mW/g



Assessment at the Body with other audio accessories

Assessment per “KDB 643646 D01 Body SAR Test Consideration for Audio Accessories without Built-in Antenna; Sec 1, A. when overall < 4.0 W/kg, SAR tested for that audio accessory is not necessary.” This was applicable to all remaining accessories.

Assessment of wireless BT configuration
Table 18
Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2012 12:17:36 PM

Robot#: DASY5-FL-2 | Run#: JsT-Ab-120725-06
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1021
Tissue Temp: 21.2 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 896.0125 (MHz)
Battery: NNTN8128B
Carry Acc: PMLN4651A
Audio Acc: BT None
Start Power: 3.13 (W)

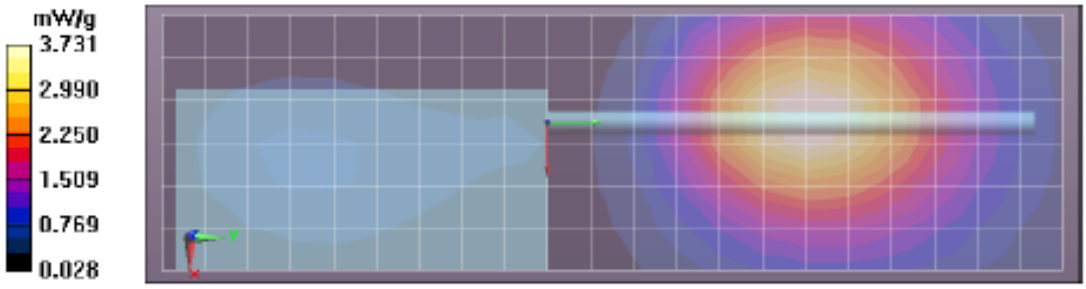
Comments: Full Scan

Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 1.06 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 59.274 V/m; Power Drift = -0.38 dB
Fast SAR: SAR(1 g) = 3.63 mW/g; SAR(10 g) = 2.58 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.84 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.274 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 4.746 mW/g
SAR(1 g) = 3.53 mW/g; SAR(10 g) = 2.55 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.74 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.71 mW/g



935-941 MHz bands
Assessments at the Body with Body worn PMLN4651A
Table 20
Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2012 1:37:40 PM

Robot#: DASY5-FL-2 | Run#:	JsT-Ab-120725-07
Model#:	H51WCH9PW7AN (MUF1608)
Phantom#:	OVAL1021
Tissue Temp:	21.2 (C)
Serial#:	426TNP0238
Antenna:	PMAF4008A
Test Freq:	937.5000 (MHz)
Battery:	NNTN8128B
Carry Acc:	PMLN4651A
Audio Acc:	HMN4104B
Start Power:	3.11 (W)

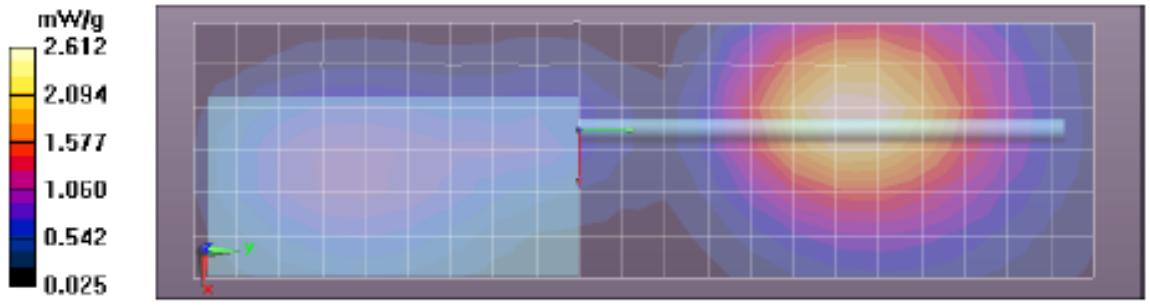
Comments: Full Scan

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; σ = 1.1 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 45.488 V/m; Power Drift = -0.41 dB
Fast SAR: SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.77 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.66 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.488 V/m; Power Drift = -0.50 dB
Peak SAR (extrapolated) = 3.258 mW/g
SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.73 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.55 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.53 mW/g



Assessments at the Body with Body worn PMLN7008A
Table 21

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2012 2:15:08 PM

Robot#: DASY5-FL-2 | Run#:	JsT-Ab-120725-08
Model#:	H51WCH9PW7AN (MUF1608)
Phantom#:	OVAL1021
Tissue Temp:	21.0 (C)
Serial#:	426TNP0238
Antenna:	PMAF4008A
Test Freq:	937.5000 (MHz)
Battery:	NNTN8128B
Carry Acc:	PMLN7008A
Audio Acc:	HMN4104B
Start Power:	3.11 (W)

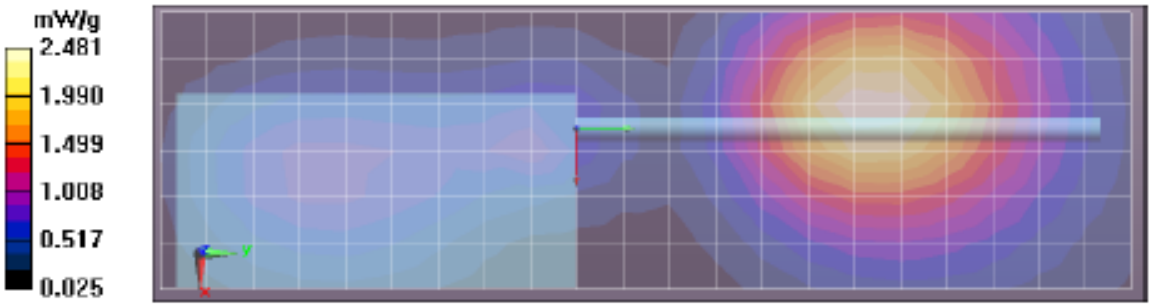
Comments: Full Scan

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; σ = 1.1 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.198 V/m; Power Drift = -0.41 dB
Fast SAR: SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.68 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.52 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.198 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 3.114 mW/g
SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.65 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.45 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.41 mW/g



Assessments at the body with Body worn PMLN6085A
Table 22

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/25/2012 2:59:56 PM

Robot#: DASY5-FL-2 | Run#:	JsT-Ab-120725-09
Model#:	H51WCH9PW7AN (MUF1608)
Phantom#:	OVAL1021
Tissue Temp:	21.0 (C)
Serial#:	426TNP0238
Antenna:	PMAF4008A
Test Freq:	937.5000 (MHz)
Battery:	NNTN8128B
Carry Acc:	PMLN6085A
Audio Acc:	HMN4104B
Start Power:	3.11 (W)

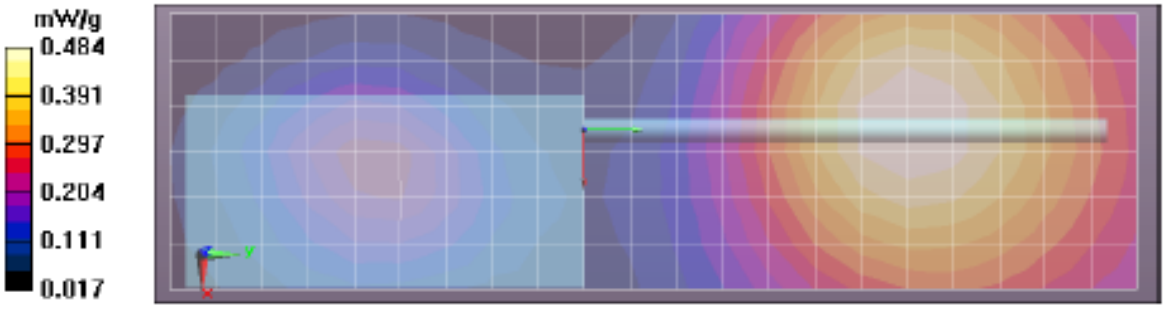
Comments: Full Scan

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; σ = 1.1 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 20.974 V/m; Power Drift = -0.23 dB
Fast SAR: SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.334 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.487 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.974 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 0.605 mW/g
SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.335 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.478 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.473 mW/g



Assessment at the Body with Body worn PMLN6085A (no belt loop)/NTN5243A

Table 23

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/21/2012 5:07:02 PM

Robot#: DASY5-FL-2 | Run#: CM-Ab-120821-07
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1016
Tissue Temp: 21.0 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 937.5000 (MHz)
Battery: NNTN8129A
Carry Acc: PMLN6085A (Without Belt Loop) w/ NTN5243A (Dated 7-2-08)
Audio Acc: HMN4104B
Start Power: 3.11 (W)

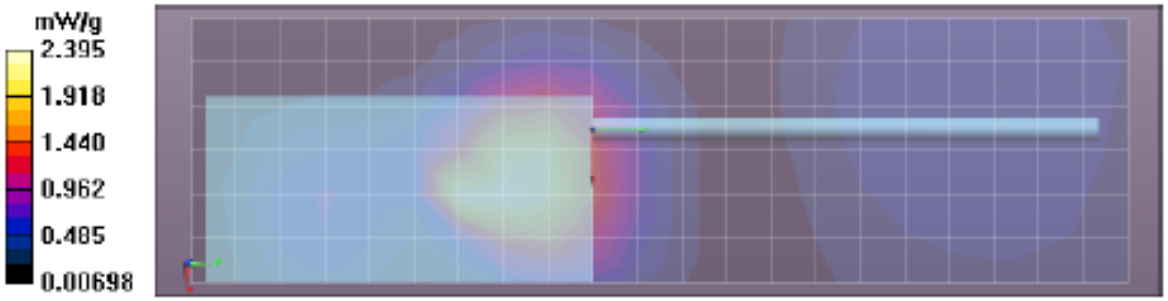
Comments: Full Scan; Back of DUT Towards Phantom;
Tested with Large Buckle Carry Strap with Metal Buckles away from Phantom.

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; σ = 1.1 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 40.108 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.61 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.71 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.108 V/m; Power Drift = -0.58 dB
Peak SAR (extrapolated) = 6.210 mW/g
SAR(1 g) = 2.59 mW/g; SAR(10 g) = 1.52 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.22 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.06 mW/g



Assessment at the Body with other audio accessories

Assessment per “KDB 643646 D01 Body SAR Test Consideration for Audio Accessories without Built-in Antenna; Sec 1, A. when overall < 4.0 W/kg, SAR tested for that audio accessory is not necessary.” This was applicable to all remaining accessories.

Assessment of wireless BT configuration
Table 24
Motorola Solutions, Inc. EME Laboratory
Date/Time: 8/21/2012 6:04:44 PM

Robot#: DASY5-FL-2 | Run#: CM-Ab-120821-09
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1016
Tissue Temp: 21.0 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 937.5000 (MHz)
Battery: NNTN8129A
Carry Acc: PMLN6085A (Without Belt Loop) w/ NTN5243A (Dated 7-2-08)
Audio Acc: None
Start Power: 3.11 (W)

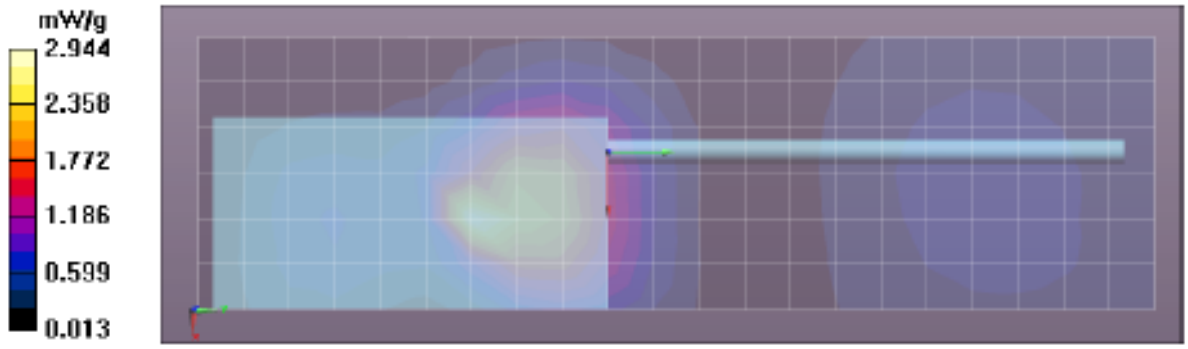
Comments: Full Scan; Back of DUT Towards Phantom;
Tested with Large Buckle Carry Strap with Metal Buckles away from Phantom.

Duty Cycle: 1:1, Medium parameters used: f = 938 MHz; σ = 1.1 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(6.03, 6.03, 6.03); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Ab Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 41.546 V/m; Power Drift = -0.70 dB
Fast SAR: SAR(1 g) = 2.69 mW/g; SAR(10 g) = 1.7 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 3.28 mW/g

Below 3 GHz-Rev.5/Ab Scan/3-Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.546 V/m; Power Drift = -0.69 dB
Peak SAR (extrapolated) = 5.826 mW/g
SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.53 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.16 mW/g

Below 3 GHz-Rev.5/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.08 mW/g



896 – 902 MHz band
Assessment at the Face
Table 26

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/27/2012 7:21:09 AM

Robot#: DASY5-FL-2 | Run#:	ErC-Face-120727-02
Model#:	H51WCH9PW7AN (MUF1608)
Phantom#:	OVAL1019
Tissue Temp:	21.9 (C)
Serial#:	426TNP0238
Antenna:	PMAF4008A
Test Freq:	896.0125 (MHz)
Battery:	NNTN8129A
Carry Acc:	None
Audio Acc:	None
Start Power:	3.12 (W)

Comments: Front of DUT Facing Phantom @2.5cm

Duty Cycle: 1:1, Medium parameters used: f = 896 MHz; σ = 0.93 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Probe: ES3DV3 - SN3147, , ConvF(5.97, 5.97, 5.97); Calibrated: 1/25/2012

Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Face Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 56.084 V/m; Power Drift = -0.32 dB

Fast SAR: SAR(1 g) = 3.37 mW/g; SAR(10 g) = 2.39 mW/g (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.47 mW/g

Below 3 GHz-Rev.5/Face Scan/1-Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.46 mW/g

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

Reference Value = 56.084 V/m; Power Drift = -0.43 dB

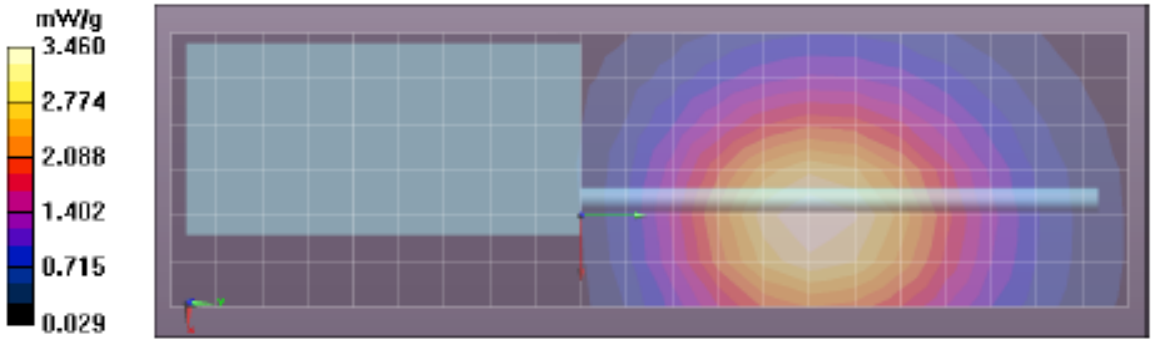
Peak SAR (extrapolated) = 3.998 mW/g

SAR(1 g) = 3.18 mW/g; SAR(10 g) = 2.31 mW/g (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.29 mW/g

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

Maximum value of SAR (measured) = 3.25 mW/g



935–941 MHz band
Assessment at the Face
Table 28

Motorola Solutions, Inc. EME Laboratory
Date/Time: 7/27/2012 9:14:58 AM

Robot#: DASY5-FL-2 | Run#: ErC-Face-120727-05
Model#: H51WCH9PW7AN (MUF1608)
Phantom#: OVAL1019
Tissue Temp: 21.7 (C)
Serial#: 426TNP0238
Antenna: PMAF4008A
Test Freq: 935.0125 (MHz)
Battery: NNTN8129A
Carry Acc: None
Audio Acc: None
Start Power: 3.12 (W)

Comments: Front of DUT Facing Phantom @2.5cm

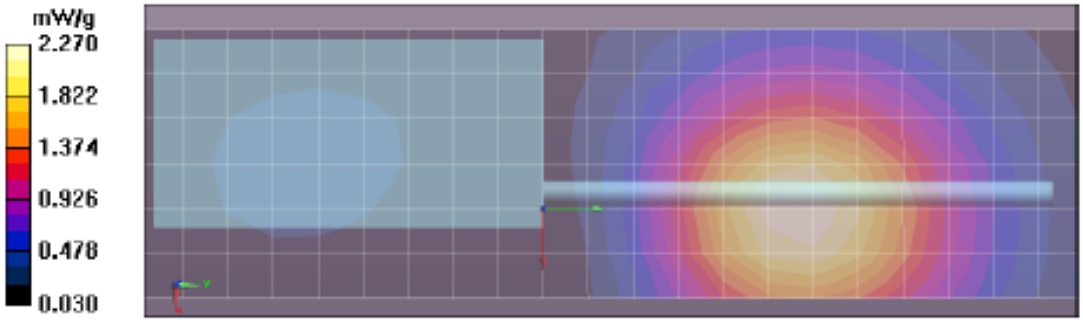
Duty Cycle: 1:1, Medium parameters used: f = 935 MHz; σ = 1 mho/m; ε_r = 40; ρ = 1000 kg/m^3
Probe: ES3DV3 - SN3147, , ConvF(5.97, 5.97, 5.97); Calibrated: 1/25/2012
Electronics: DAE3 Sn401, Calibrated: 3/9/2012

Below 3 GHz-Rev.5/Face Scan/1-Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 46.557 V/m; Power Drift = -0.35 dB
Fast SAR: SAR(1 g) = 2.17 mW/g; SAR(10 g) = 1.54 mW/g (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.29 mW/g

Below 3 GHz-Rev.5/Face Scan/1-Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.27 mW/g

Below 3 GHz-Rev.5/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.557 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 2.662 mW/g
SAR(1 g) = 2.04 mW/g; SAR(10 g) = 1.48 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.16 mW/g

Below 3 GHz-Rev.5/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.15 mW/g

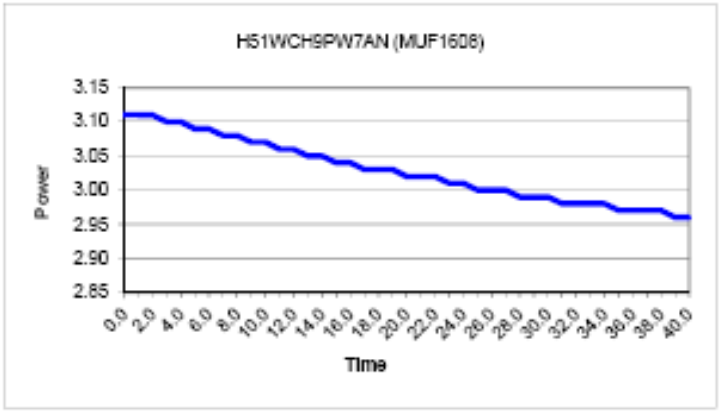


APPENDIX G
DUT Supplementary Data (Power slump)

Model # H51WCH9PW7AN (MUF1608)
Serial # 426TNP0238

Battery#	NNTN8128B	**Transmit Mode**	CW
Frequency	896.0125 MHz	**Audio Accessory**	BT None
Date	7/31/2012		

TX TIME (Minutes)	Meaured Power (Watts)
0.0	3.11
1.0	3.11
2.0	3.11
3.0	3.10
4.0	3.10
5.0	3.09
6.0	3.09
7.0	3.08
8.0	3.08
9.0	3.07
10.0	3.07
11.0	3.06
12.0	3.06
13.0	3.05
14.0	3.05
15.0	3.04
16.0	3.04
17.0	3.03
18.0	3.03
19.0	3.03
20.0	3.02
21.0	3.02
22.0	3.02
23.0	3.01
24.0	3.01
25.0	3.00
26.0	3.00
27.0	3.00
28.0	2.99
29.0	2.99
30.0	2.99
31.0	2.98
32.0	2.98
33.0	2.98
34.0	2.98
35.0	2.97
36.0	2.97
37.0	2.97
38.0	2.97
39.0	2.96
40.0	2.96



APPENDIX H
DUT Test Position Photos

Photos available in Exhibit 7B

APPENDIX I
DUT, Body worn and audio accessories Photos

Photos available in Exhibit 7B