


MOTOROLA

TESTING CERT # 2518.01
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 4 of 4

Enterprise Mobility Solutions
EME Test Laboratory
 8000 West Sunrise Blvd
 Fort Lauderdale, FL. 33322.

Date of Report: 6/8/10
Report Revision: A
Report ID: SAR rpt_APX7000 U2 7-800_Rev A_100608
 SR8265

Responsible Engineer: Michael Sailsman (Sr. Staff EME Engineer)
Report Author: Michael Sailsman (Sr. Staff EME Engineer)
Date/s Tested: 4/9/10-5/11/10
Manufacturer/Location: Motorola, Penang
Sector/Group/Div.: G&PS
Date submitted for test: 4/14/10
DUT Description: 450-520 1-5W, 764-870 MHz 1-3W, 6.25K/12.5K/25K, Top/Dual Display Models W/GPS. Capable of digital and analog FM transmission. Also capable of TDMA transmission.
Test TX mode(s): 50%
Max. Power output: 5.6W(UHF R2) & 2.99W (700 MHz), 3.6W (800 MHz)
Nominal Power: 5W (UHF R2) & 2.5W (700 MHz), 3W (800 MHz)
Tx Frequency Bands: 450-520 MHz(UHF R2) & 764-775 MHz, 794-805 MHz, 806-824 MHz , 851-870 MHz (7/800 MHz)
Signaling type: FM
Model(s) Tested: H97TGD9PW1AN/MNUS1000A (QA00572AA & QA00573AA); H97TGD9PW1AN/MNUS1001A (w/Q792 keypad, QA00572AA & QA00573AA)
Model(s) Certified: H97TGD9PW1AN/MNUS1000A (QA00572AA & QA00573AA); H97TGD9PW1AN/MNUS1001A (w/Q792 keypad, QA00572AA & QA00573AA)
Serial Number(s): Q0BME02S, Q0BME02O, Q05ME0D5
Classification: Occupational/Controlled Environment
FCC ID: AZ489FT7042
FCC Rule Part(s): 90; 450-512 MHz (UHF R2); 764-775 MHz, 794-805 MHz, 806-824 MHz, 851-870 MHz
IC ID: 109U-89FT7042
IC standard(s): RSS 102 issue 4; Safety Code 6

* Refer to section 15 for a summary of SAR 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 results are not applicable to FCC filing. 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 10 grams 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 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.

Signature on file
Deanna Zakharia
EMS EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 6/8/10

Certification Date: 6/8/10

Certification No.: L1100611P

Appendix F DUT Scans (Continued)

Section 61.0

(794-824MHz band) NAF5085A antenna and NNTN7036A battery (Section 13.6 Table 74)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/22/2010 1:42:15 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100422-08
Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 3.63 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.27 mW/g (1g); 1.55 mW/g (10g)

Comments: Full Scan.

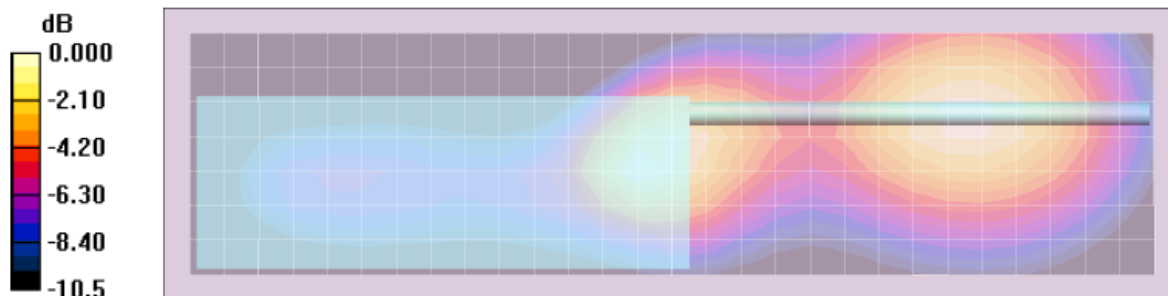
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 49.1 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 2.26 mW/g; SAR(10 g) = 1.55 mW/g
Maximum value of SAR (measured) = 2.39 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Reference Value = 49.1 V/m; Power Drift = -0.101 dB
Motorola Fast SAR: SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (interpolated) = 2.56 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=1\text{mm}$
Reference Value = 49.1 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 2.50 W/kg
Motorola Fast SAR: SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.55 mW/g
Maximum value of SAR (interpolated) = 2.50 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$
Maximum value of SAR (measured) = 2.43 mW/g



Section 62.0

**(794-824MHz band)
NAF5085A antenna and NNTN7034A battery
(Section 13.6 Table 75)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/22/2010 5:25:24 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100422-13
Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NNTN8266B / RLN5882A
Start Power: 3.63 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.35 mW/g (1g); 1.73 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

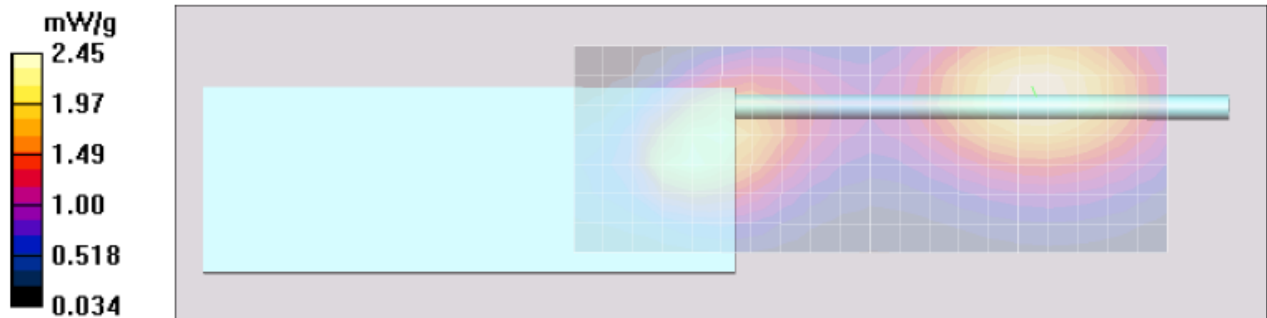
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x201x1): Measurement grid: dx=12mm, dy=12mm
Reference Value = 51.3 V/m; Power Drift = -0.0545 dB
Motorola Fast SAR: SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.69 mW/g
Maximum value of SAR (interpolated) = 2.51 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 51.3 V/m; Power Drift = -0.0761 dB
Peak SAR (extrapolated) = 2.49 W/kg
Motorola Fast SAR: SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.68 mW/g
Maximum value of SAR (interpolated) = 2.49 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.44 mW/g

Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.3 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 2.34 mW/g; SAR(10 g) = 1.72 mW/g
Maximum value of SAR (measured) = 2.47 mW/g



Section 63.0

**(794-824MHz band)
NAF5085A antenna and NNTN7038A battery
(Section 13.6 Table 76)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/22/2010 7:58:57 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100422-16
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 3.63 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.53 mW/g (1g); 1.87 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

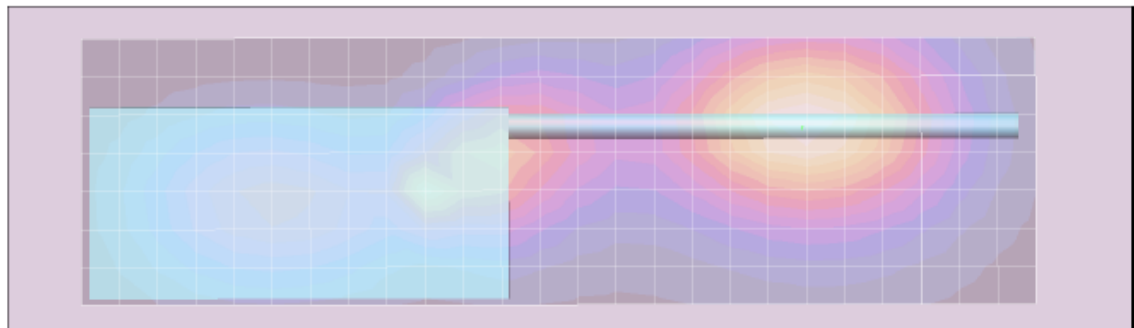
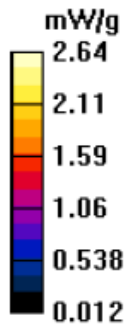
Duty Cycle: 1:1, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 53.9 V/m; Power Drift = -0.0724 dB
Motorola Fast SAR: SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.81 mW/g
Maximum value of SAR (interpolated) = 2.68 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 53.9 V/m; Power Drift = -0.0829 dB
Peak SAR (extrapolated) = 2.66 W/kg
Motorola Fast SAR: SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.8 mW/g
Maximum value of SAR (interpolated) = 2.66 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.65 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.9 V/m; Power Drift = -0.0907 dB
Peak SAR (extrapolated) = 3.28 W/kg
SAR(1 g) = 2.52 mW/g; SAR(10 g) = 1.86 mW/g
Maximum value of SAR (measured) = 2.66 mW/g



Section 64.0

**(794-824MHz band)
NAF5085A antenna and NNTN7033A battery
(Section 13.6 Table 77)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/22/2010 10:11:44 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100422-19
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 3.64 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.34 mW/g (1g); 1.55 mW/g (10g)

Comments: Full Scan.

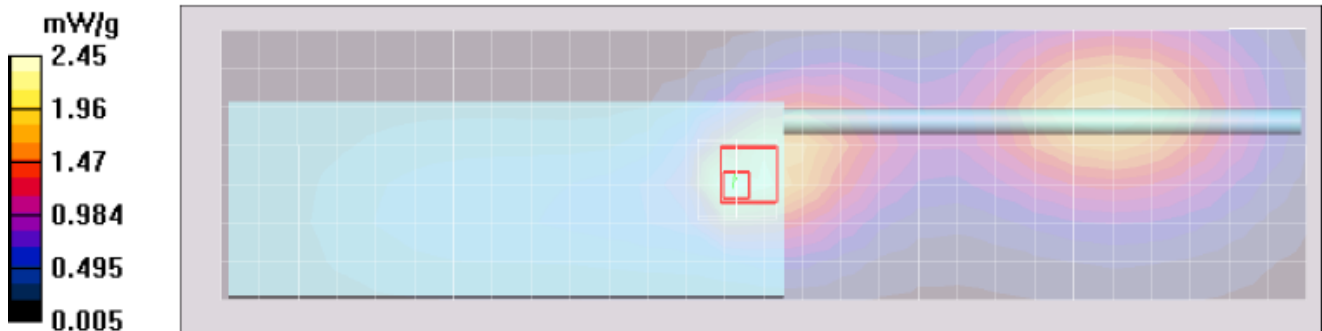
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 47.7 V/m; Power Drift = -0.0413 dB
Motorola Fast SAR: SAR(1 g) = 2.34 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (interpolated) = 2.65 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.52 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.7 V/m; Power Drift = -0.0691 dB
Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.55 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
Maximum value of SAR (measured) = 2.54 mW/g



Section 65.0

**(794-824MHz band)
NAF5085A antenna frequency search
(Section 13.6 Table 78)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/23/2010 11:38:08 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100423-05
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 823.9785 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 3.69 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.44 mW/g (1g); 1.80 mW/g (10g)

Comments: Full Scan.

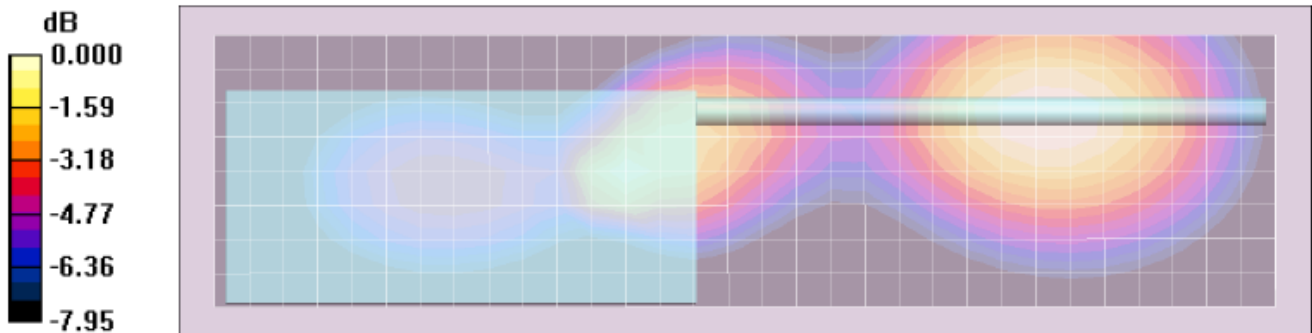
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.4 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.79 mW/g

Ab Scan/Area Scan (81x311x1): Measurement grid: dx=12mm, dy=12mm
Reference Value = 51.4 V/m; Power Drift = -0.104 dB
Motorola Fast SAR: SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.75 mW/g
Maximum value of SAR (interpolated) = 2.59 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 51.4 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 2.57 W/kg
Motorola Fast SAR: SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.74 mW/g
Maximum value of SAR (interpolated) = 2.57 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.57 mW/g



Section 66.0

**(794-824MHz band)
2.5cm separation with NAF5085A antenna
(Section 13.6 Table 79)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/23/2010 12:34:58 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100423-06
Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / PMLN5275A
Start Power: 3.65 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.61 mW/g (1g); 3.30 mW/g (10g)

Comments: Full Scan. Back; Antenna at 2.5cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

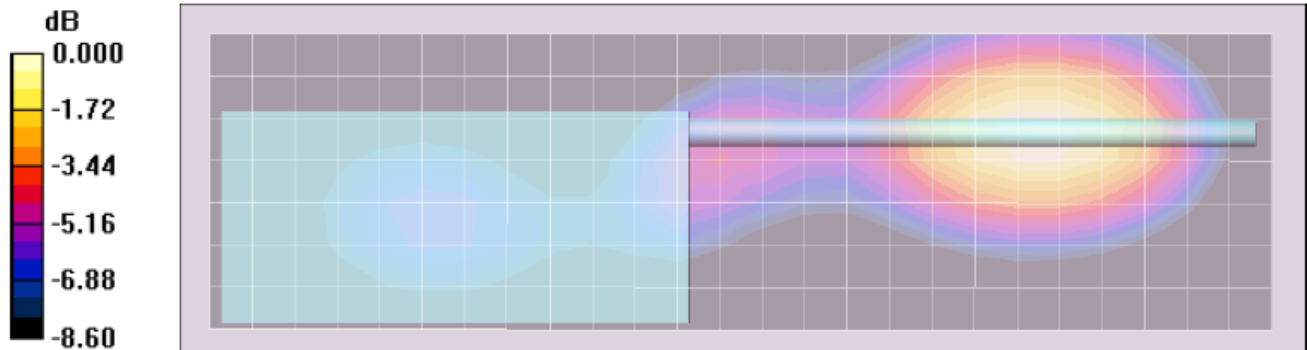
Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.9 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 6.13 W/kg
SAR(1 g) = 4.59 mW/g; SAR(10 g) = 3.29 mW/g
Maximum value of SAR (measured) = 4.88 mW/g

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 70.9 V/m; Power Drift = -0.117 dB
Motorola Fast SAR: SAR(1 g) = 4.66 mW/g; SAR(10 g) = 3.27 mW/g
Maximum value of SAR (interpolated) = 4.94 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 70.9 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 4.89 W/kg
Motorola Fast SAR: SAR(1 g) = 4.65 mW/g; SAR(10 g) = 3.26 mW/g
Maximum value of SAR (interpolated) = 4.89 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.87 mW/g



Section 67.0

**(794-824MHz band)
PMAS4000A antenna and NNTN7036A battery
(Section 13.6 Table 80)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/25/2010 6:23:39 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100425-03
Phantom# / Tissue Temp.: OVAL1019 / 21.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 3.65 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.22 mW/g (1g); 1.62 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

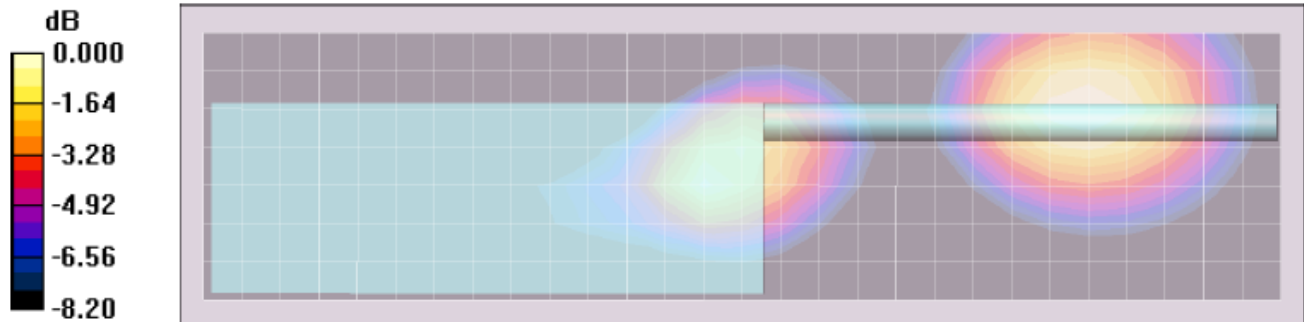
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.0 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(1 g) = 2.21 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.34 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 49.0 V/m; Power Drift = -0.0168 dB
Motorola Fast SAR: SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (interpolated) = 2.36 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 49.0 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 2.34 W/kg
Motorola Fast SAR: SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (interpolated) = 2.34 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.33 mW/g



Section 68.0

**(794-824MHz band)
PMAS4000A antenna and NNTN7034A battery
(Section 13.6 Table 81)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/25/2010 8:28:00 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100425-06
Phantom# / Tissue Temp.: OVAL1019 / 21.8 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 3.65 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.22 mW/g (1g); 1.62 mW/g (10g)

Comments: Full Scan.

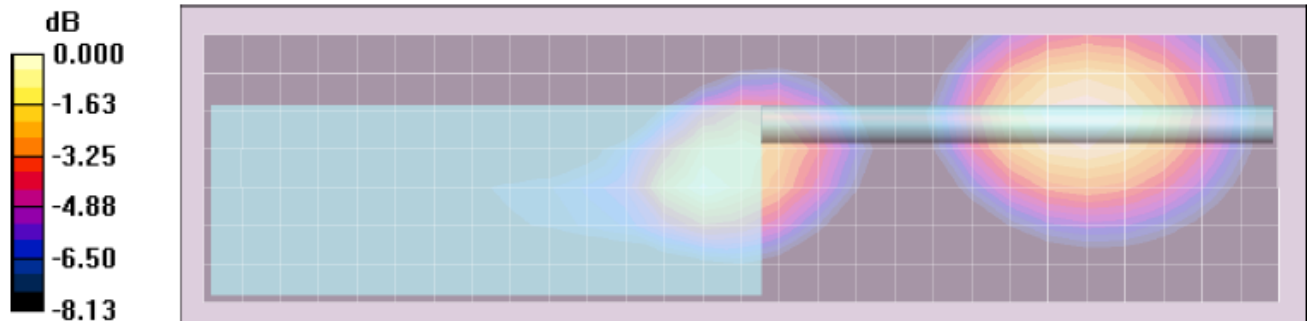
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.4 V/m; Power Drift = -0.0398 dB
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 2.21 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.33 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 49.4 V/m; Power Drift = -0.0226 dB
Motorola Fast SAR: SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (interpolated) = 2.36 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 49.4 V/m; Power Drift = -0.0249 dB
Peak SAR (extrapolated) = 2.35 W/kg
Motorola Fast SAR: SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (interpolated) = 2.35 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.32 mW/g



Section 69.0

**(794-824MHz band)
PMAS4000A antenna and NNTN7038A battery
(Section 13.6 Table 82)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/25/2010 11:51:35 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100425-11
Phantom# / Tissue Temp.: OVAL1019 / 21.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 3.65 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.18 mW/g (1g); 1.59 mW/g (10g)

Comments: Full Scan.

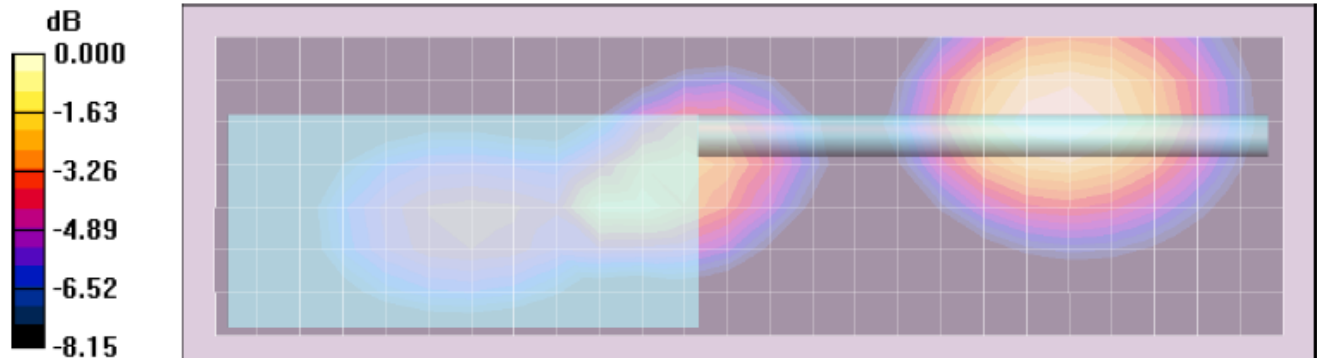
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.5 V/m; Power Drift = 0.00596 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 2.17 mW/g; SAR(10 g) = 1.59 mW/g
Maximum value of SAR (measured) = 2.29 mW/g

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 45.5 V/m; Power Drift = 0.0194 dB
Motorola Fast SAR: SAR(1 g) = 2.19 mW/g; SAR(10 g) = 1.55 mW/g
Maximum value of SAR (interpolated) = 2.32 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 45.5 V/m; Power Drift = 0.0226 dB
Peak SAR (extrapolated) = 2.29 W/kg
Motorola Fast SAR: SAR(1 g) = 2.18 mW/g; SAR(10 g) = 1.54 mW/g
Maximum value of SAR (interpolated) = 2.29 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.28 mW/g



Section 70.0

(794-824MHz band)
PMAS4000A antenna and NNTN7033A battery
 (Section 13.6 Table 83)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/25/2010 1:50:34 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100425-14
 Phantom# / Tissue Temp.: OVAL1019 / 21.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
 Battery: NNTN7033A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.65 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.21 mW/g (1g); 1.45 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009

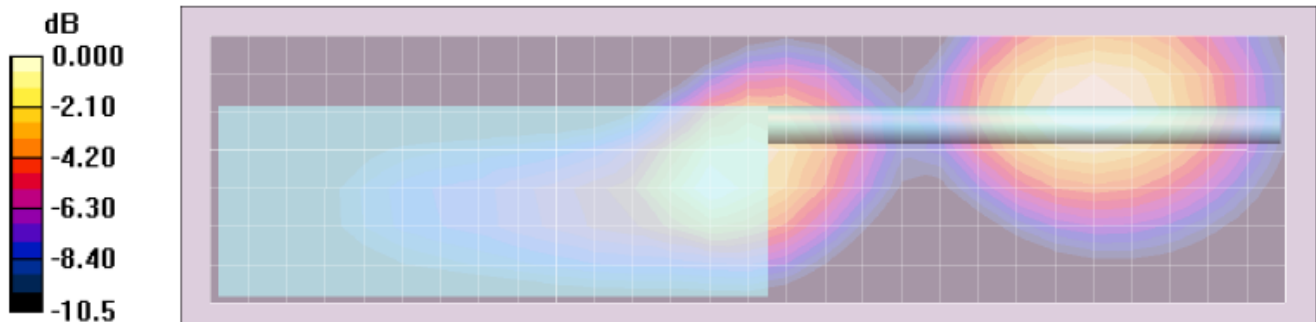
Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 47.7 V/m; Power Drift = -0.0233 dB
 Peak SAR (extrapolated) = 3.44 W/kg
 SAR(1 g) = 2.2 mW/g; SAR(10 g) = 1.45 mW/g
 Maximum value of SAR (measured) = 2.32 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 47.7 V/m; Power Drift = 0.0019 dB
 Motorola Fast SAR: SAR(1 g) = 2.24 mW/g; SAR(10 g) = 1.54 mW/g
 Maximum value of SAR (interpolated) = 2.49 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 47.7 V/m; Power Drift = -0.00767 dB
 Peak SAR (extrapolated) = 2.44 W/kg
 Motorola Fast SAR: SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.47 mW/g
 Maximum value of SAR (interpolated) = 2.44 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.34 mW/g



Section 71.0

**(794-824MHz band)
PMAS4000A antenna frequency search
(Section 13.6 Table 84)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/25/2010 3:23:04 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100425-16
Phantom# / Tissue Temp.: OVAL1019 / 22.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 823.9875 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 3.11 mW/g (1g); 2.08 mW/g (10g)

Comments: Full Scan.

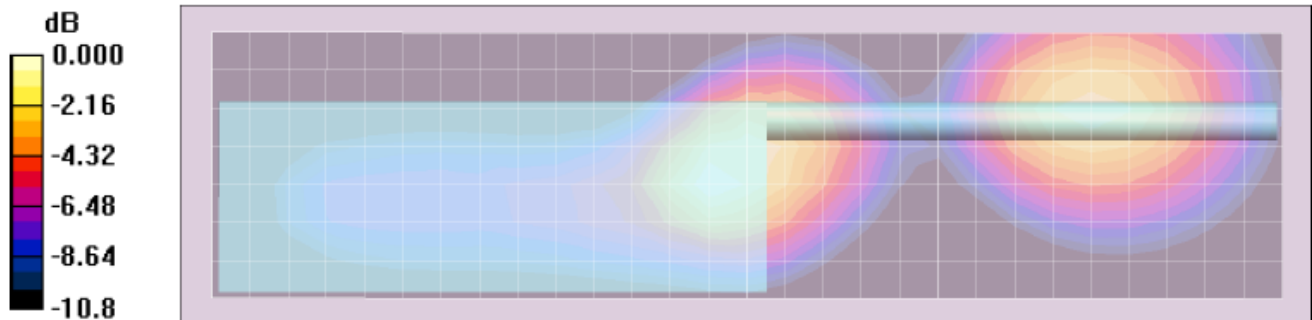
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.6 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 4.81 W/kg
SAR(1 g) = 3.09 mW/g; SAR(10 g) = 2.07 mW/g
Maximum value of SAR (measured) = 3.30 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 51.6 V/m; Power Drift = -0.0889 dB
Motorola Fast SAR: SAR(1 g) = 3.17 mW/g; SAR(10 g) = 2.11 mW/g
Maximum value of SAR (interpolated) = 3.49 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 51.6 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 3.42 W/kg
Motorola Fast SAR: SAR(1 g) = 3.14 mW/g; SAR(10 g) = 2.09 mW/g
Maximum value of SAR (interpolated) = 3.42 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.35 mW/g



Section 72.0

**(794-824MHz band)
2.5cm separation with PMAS4000A antenna
(Section 13.6 Table 85)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/25/2010 4:18:59 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100425-17
Phantom# / Tissue Temp.: OVAL1019 / 22.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 823.9875 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.69 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 3.52 mW/g (1g); 2.52 mW/g (10g)

Comments: Full Scan. Back of radio toward phantom with antenna at 2.5 cm.

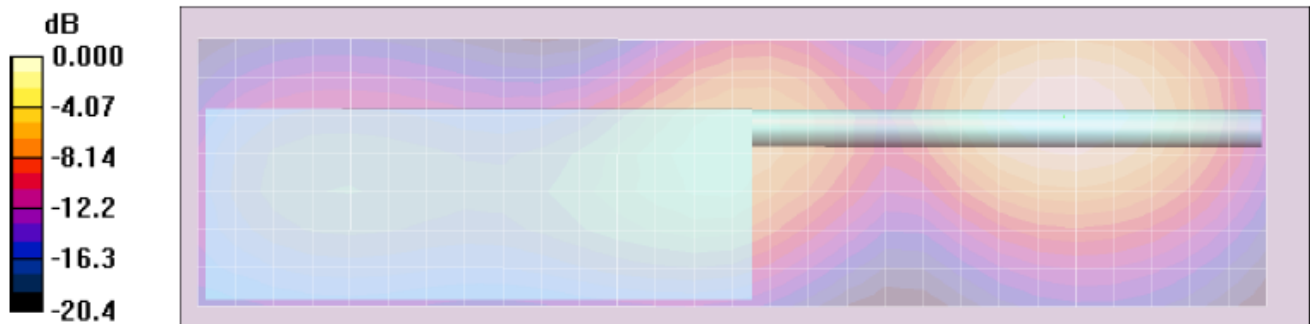
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 62.5 V/m; Power Drift = -0.119 dB
Motorola Fast SAR: SAR(1 g) = 3.58 mW/g; SAR(10 g) = 2.5 mW/g
Maximum value of SAR (interpolated) = 3.80 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 62.5 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 3.73 W/kg
Motorola Fast SAR: SAR(1 g) = 3.54 mW/g; SAR(10 g) = 2.48 mW/g
Maximum value of SAR (interpolated) = 3.73 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.73 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.5 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 4.66 W/kg
SAR(1 g) = 3.5 mW/g; SAR(10 g) = 2.51 mW/g
Maximum value of SAR (measured) = 3.72 mW/g



Section 73.0

(794-824MHz band)

**PSM PMMN4061A with PMAF4002A antenna and offered batteries
(Section 13.6 Table 86)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/26/2010 7:28:15 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100426-20
Phantom# / Tissue Temp.: OVAL1019 / 21.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 809.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: 4205823V01 / PMMN4061A
Start Power: 3.63 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 6.82 mW/g (1g); 4.32 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

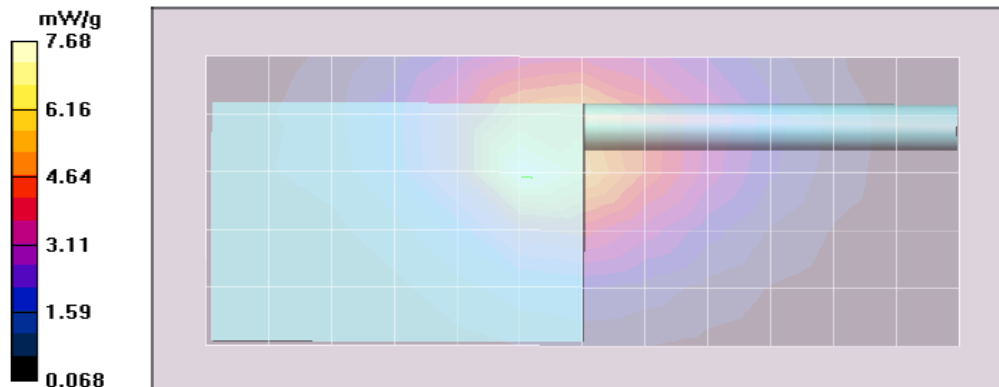
Ab Scan/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 7.68 mW/g

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 65.6 V/m; Power Drift = -0.477 dB
Motorola Fast SAR: SAR(1 g) = 7.29 mW/g; SAR(10 g) = 4.78 mW/g
Maximum value of SAR (interpolated) = 8.19 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 65.6 V/m; Power Drift = -0.566 dB
Peak SAR (extrapolated) = 8.04 W/kg
Motorola Fast SAR: SAR(1 g) = 7.18 mW/g; SAR(10 g) = 4.64 mW/g
Maximum value of SAR (interpolated) = 8.04 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.19 mW/g

Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.6 V/m; Power Drift = -0.879 dB
Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 6.79 mW/g; SAR(10 g) = 4.31 mW/g
Maximum value of SAR (measured) = 7.43 mW/g



Section 74.0

(794-824MHz band)

PSM PMMN4061A with PMAF4002A antenna frequency search

Test frequency outside FCC frequency allocation

(Section 13.6 Table 87)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/26/2010 8:45:03 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100426-22
 Phantom# / Tissue Temp.: OVAL1019 / 21.5 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 794.0125 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4061A
 Start Power: 3.03 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 7.74 mW/g (1g); 4.99 mW/g (10g)

Comments: Full Scan.

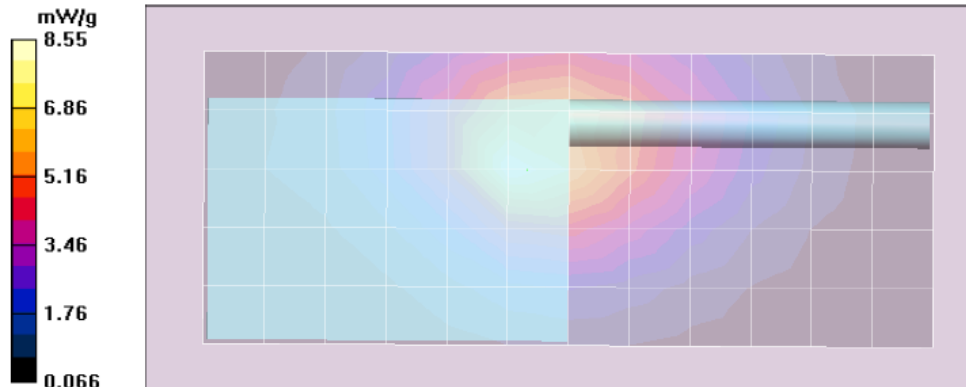
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 70.0 V/m; Power Drift = -0.426 dB
Motorola Fast SAR: SAR(1 g) = 8.2 mW/g; SAR(10 g) = 5.45 mW/g
 Maximum value of SAR (interpolated) = 9.15 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 70.0 V/m; Power Drift = -0.519 dB
 Peak SAR (extrapolated) = 9.00 W/kg
Motorola Fast SAR: SAR(1 g) = 8.13 mW/g; SAR(10 g) = 5.32 mW/g
Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
 Maximum value of SAR (interpolated) = 9.00 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 8.21 mW/g

Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 70.0 V/m; Power Drift = -0.801 dB
 Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 7.7 mW/g; SAR(10 g) = 4.98 mW/g
 Maximum value of SAR (measured) = 8.40 mW/g



Section 75.0

(794-824MHz band)
PSM PMMN4060A with PMAF4002A antenna and offered batteries
 (Section 13.6 Table 88)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/27/2010 2:24:42 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100427-12
 Phantom# / Tissue Temp.: OVAL1019 / 20.8 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 809.0000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4060A
 Start Power: 3.64 (W)

Note:

Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.98 mW/g (1g); 3.25 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)

Electronics: DAE3 Sn401, Calibrated: 7/9/2009

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 57.5 V/m; Power Drift = -0.711 dB

Peak SAR (extrapolated) = 7.84 W/kg

SAR(1 g) = 4.96 mW/g; SAR(10 g) = 3.24 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

Maximum value of SAR (measured) = 5.42 mW/g

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

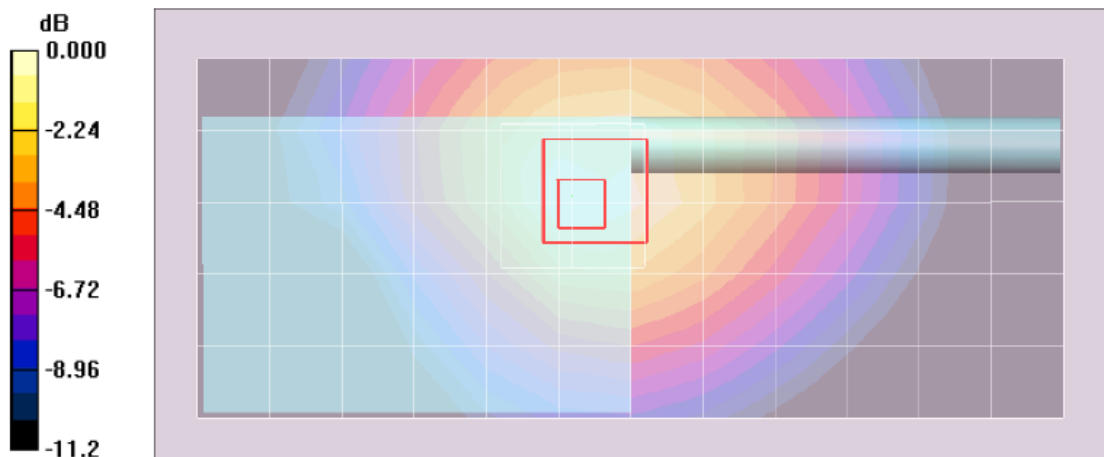
Reference Value = 57.5 V/m; Power Drift = -0.469 dB

Motorola Fast SAR: SAR(1 g) = 5.28 mW/g; SAR(10 g) = 3.51 mW/g

Maximum value of SAR (interpolated) = 5.89 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 5.38 mW/g



Section 76.0

(794-824MHz band)
PSM PMMN4060A with PMAF4002A antenna frequency search
 Test frequency outside FCC frequency allocation
 (Section 13.6 Table 89)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/27/2010 4:15:05 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100427-16
 Phantom# / Tissue Temp.: OVAL1019 / 20.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 794.0125 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4060A
 Start Power: 3.05 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 5.08 mW/g (1g); 3.42 mW/g (10g)

Comments: Full Scan.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

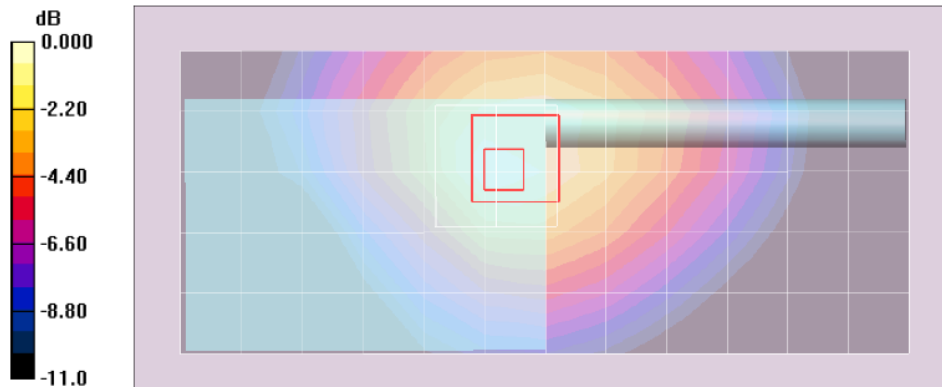
Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 55.5 V/m; Power Drift = -0.0858 dB
 Peak SAR (extrapolated) = 7.79 W/kg
SAR(1 g) = 5.06 mW/g; SAR(10 g) = 3.41 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
 Maximum value of SAR (measured) = 5.54 mW/g

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 55.5 V/m; Power Drift = -0.0651 dB
Motorola Fast SAR: SAR(1 g) = 5.16 mW/g; SAR(10 g) = 3.46 mW/g
 Maximum value of SAR (interpolated) = 5.73 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 55.5 V/m; Power Drift = -0.065 dB
 Peak SAR (extrapolated) = 5.64 W/kg
Motorola Fast SAR: SAR(1 g) = 5.13 mW/g; SAR(10 g) = 3.43 mW/g
 Maximum value of SAR (interpolated) = 5.64 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.59 mW/g



Section 77.0

**(794-824MHz band)
DUT front side with NAF5085A antenna and offered batteries
(Section 13.6 Table 90)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/28/2010 8:49:54 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100428-17
Phantom# / Tissue Temp.: OVAL1020 / 21.3 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNIN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.62 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.52 mW/g (1g); 1.12 mW/g (10g)

Comments: Full Scan; Front facing phantom.

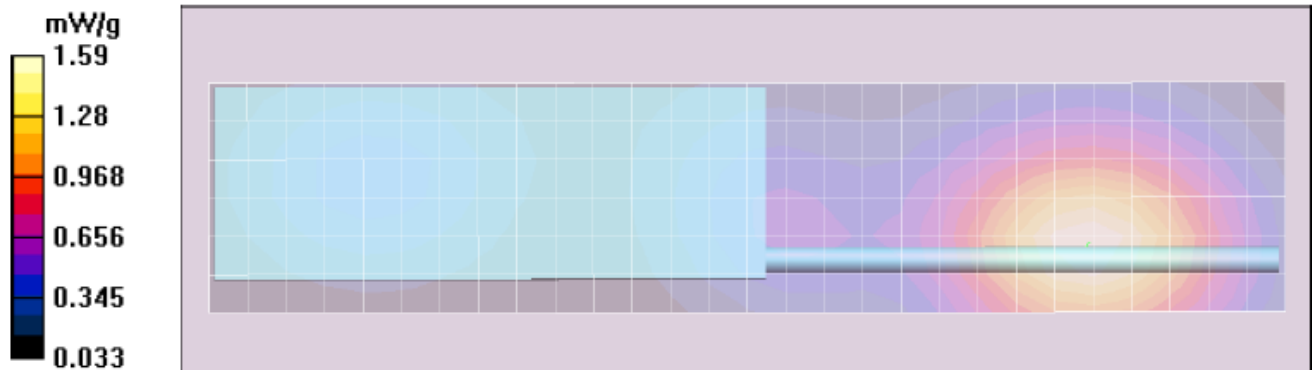
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 42.3 V/m; Power Drift = -0.0927 dB
Motorola Fast SAR: SAR(1 g) = 1.53 mW/g; SAR(10 g) = 1.1 mW/g
Maximum value of SAR (interpolated) = 1.61 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 42.3 V/m; Power Drift = -0.0911 dB
Peak SAR (extrapolated) = 1.59 W/kg
Motorola Fast SAR: SAR(1 g) = 1.51 mW/g; SAR(10 g) = 1.09 mW/g
Maximum value of SAR (interpolated) = 1.59 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.3 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.51 mW/g; SAR(10 g) = 1.11 mW/g



Section 78.0

(794-824MHz band)

**DUT back side with NAF5085A antenna and offered batteries
(Section 13.6 Table 91)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/29/2010 10:22:23 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100429-02
Phantom# / Tissue Temp.: OVAL1020 / 21.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNIN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.62 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.34 mW/g (1g); 0.990 mW/g (10g)

Comments: Full Scan; Back facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

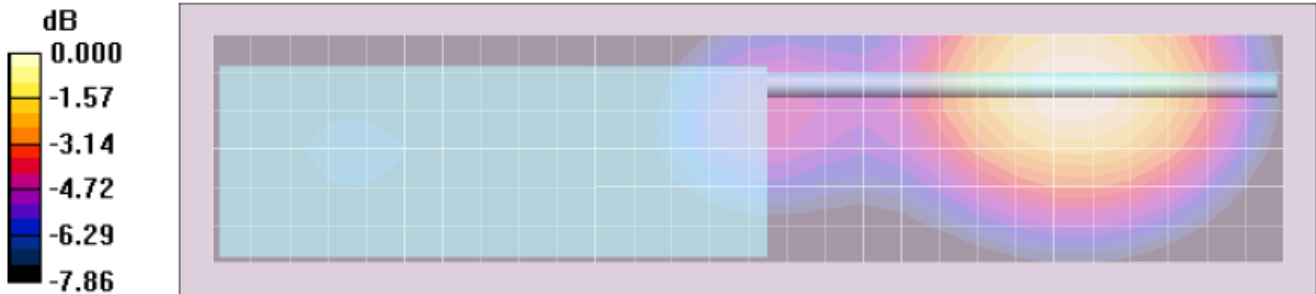
Duty Cycle: 1:1, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42.8$; $\rho = 1000 \text{ kg/m}^3$

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 39.8 V/m; Power Drift = -0.0942 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.978 mW/g
Maximum value of SAR (measured) = 1.39 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Reference Value = 39.8 V/m; Power Drift = -0.0589 dB
Motorola Fast SAR: SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.956 mW/g
Maximum value of SAR (interpolated) = 1.40 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=1\text{mm}$
Reference Value = 39.8 V/m; Power Drift = -0.0737 dB
Peak SAR (extrapolated) = 1.39 W/kg
Motorola Fast SAR: SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.952 mW/g
Maximum value of SAR (interpolated) = 1.39 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$
Maximum value of SAR (measured) = 1.38 mW/g



Section 79.0

(794-824MHz band)

DUT front side with NAF5085A antenna and RLN5878A audio accessory (Section 13.6 Table 92)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/29/2010 4:20:28 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100429-10
Phantom# / Tissue Temp.: OVAL1020 / 21.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / RLN5878A
Start Power: 3.72 (W)

Note:

Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.12 mW/g (1g); 0.825 mW/g (10g)

Comments: Full Scan; Front facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)

Electronics: DAE3 Sn401, Calibrated: 7/9/2009

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_1 = 42.8$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 36.3 V/m; Power Drift = -0.101 dB

Motorola Fast SAR: SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.809 mW/g

Maximum value of SAR (interpolated) = 1.19 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm

Reference Value = 36.3 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 1.17 W/kg

Motorola Fast SAR: SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.797 mW/g

Maximum value of SAR (interpolated) = 1.17 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 1.17 mW/g

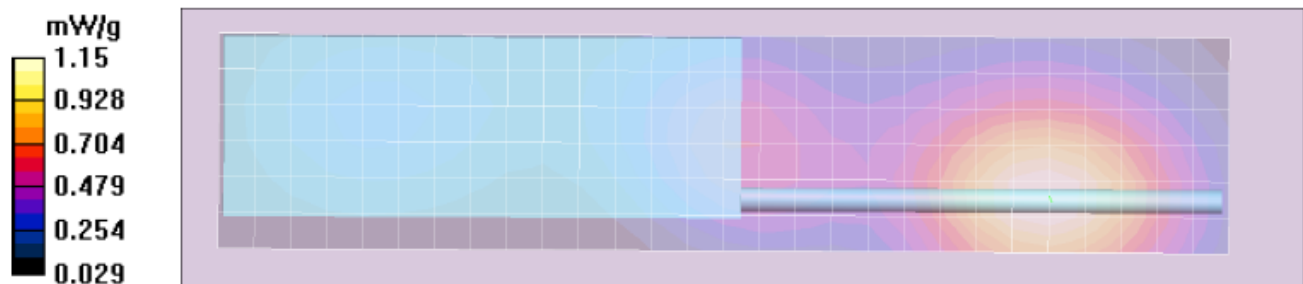
Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 36.3 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.815 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



Section 80.0

(794-824MHz band)

**DUT back side with NAF5085A antenna and RLN5878A audio accessory
(Section 13.6 Table 93)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/29/2010 1:08:36 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100429-06
Phantom# / Tissue Temp.: OVAL1020 / 21.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / RLN5878A
Start Power: 3.63 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.12 mW/g (1g); 0.826 mW/g (10g)

Comments: Full Scan; Back facing phantom.

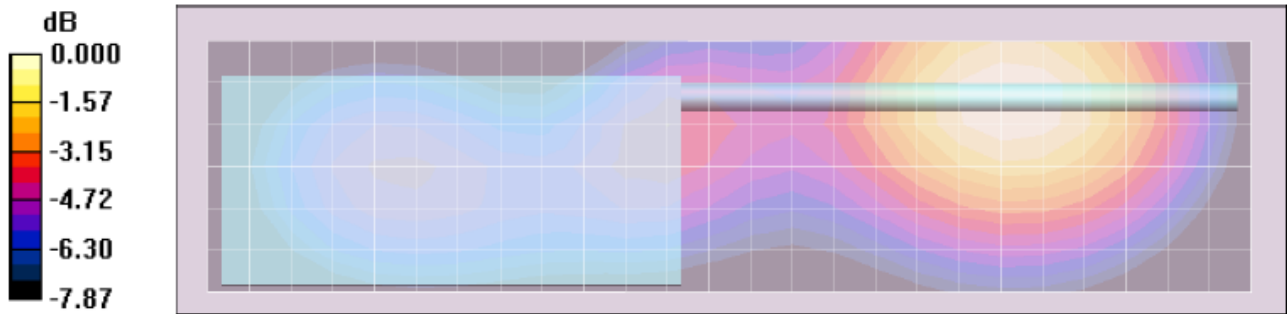
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.8 V/m; Power Drift = -0.0651 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.816 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

Face Scan/Area Scan (61x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.8 V/m; Power Drift = -0.0371 dB
Motorola Fast SAR: SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.799 mW/g
Maximum value of SAR (interpolated) = 1.17 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 35.8 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 1.16 W/kg
Motorola Fast SAR: SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.797 mW/g
Maximum value of SAR (interpolated) = 1.16 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.16 mW/g



Section 81.0
(794-824MHz band)
NAF5085A antenna frequency search
(Section 13.6 Table 94)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/29/2010 8:04:40 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100429-15
 Phantom# / Tissue Temp.: OVAL1020 / 21.5 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 823.9875 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.67 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.55 mW/g (1g); 1.14 mW/g (10g)

Comments: Full Scan; Front facing phantom.

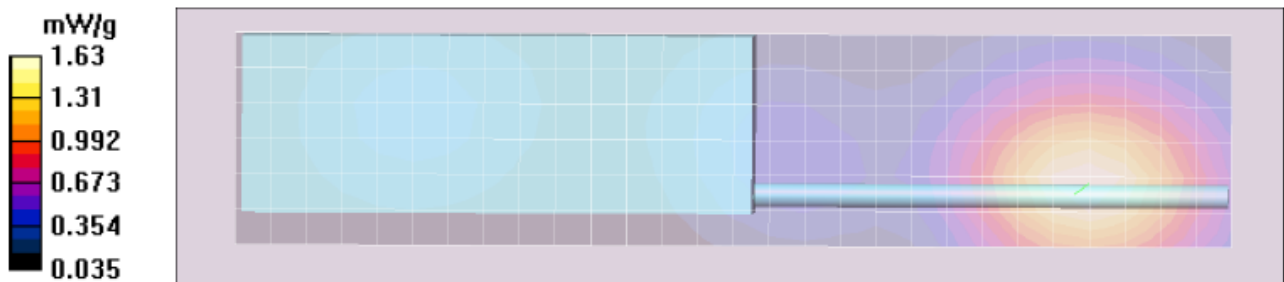
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 39.3 V/m; Power Drift = -0.148 dB
Motorola Fast SAR: SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.12 mW/g
 Maximum value of SAR (interpolated) = 1.64 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 39.3 V/m; Power Drift = -0.136 dB
 Peak SAR (extrapolated) = 1.63 W/kg
Motorola Fast SAR: SAR(1 g) = 1.54 mW/g; SAR(10 g) = 1.11 mW/g
 Maximum value of SAR (interpolated) = 1.63 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.61 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 39.3 V/m; Power Drift = -0.161 dB
 Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.53 mW/g; SAR(10 g) = 1.13 mW/g



Section 82.0

**(794-824MHz band)
DUT front side with PMAS4000A antenna and offered batteries
(Section 13.6 Table 95)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/1/2010 8:19:20 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100501-16
Phantom# / Tissue Temp.: OVAL1020 / 21.8 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
Battery: NNTN7036A
Cary Acc. / Cable Acc.: None / None
Start Power: 3.62 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.04 mW/g (1g); 0.763 mW/g (10g)

Comments: Full Scan; Front of DUT Facing Phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

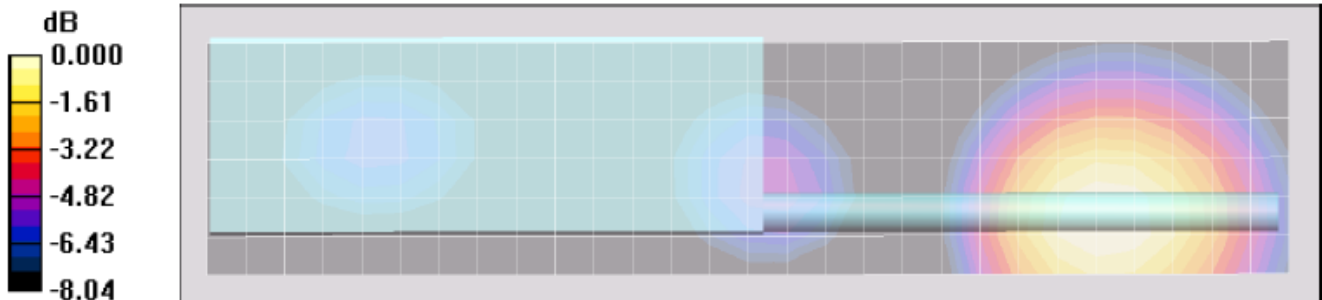
Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 34.1 V/m; Power Drift = -0.253 dB
Motorola Fast SAR: SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.754 mW/g
Maximum value of SAR (interpolated) = 1.11 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 34.1 V/m; Power Drift = -0.272 dB
Peak SAR (extrapolated) = 1.08 W/kg
Motorola Fast SAR: SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (interpolated) = 1.08 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.07 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.1 V/m; Power Drift = -0.296 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.751 mW/g



Section 83.0

**(794-824MHz band)
DUT back side with PMAS4000A antenna and offered batteries
(Section 13.6 Table 96)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/2/2010 12:34:17 AM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100501-20
Phantom# / Tissue Temp.: OVAL1020 / 21.8 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.65 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.16 mW/g (1g); 0.854 mW/g (10g)

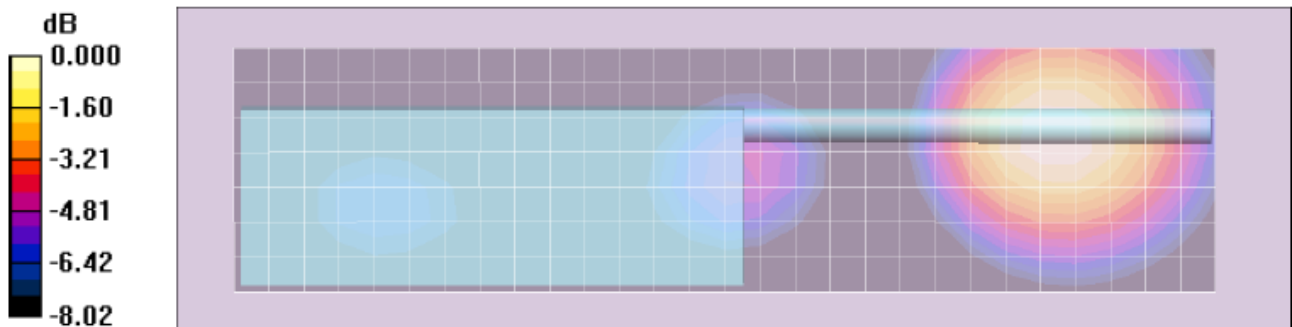
Comments: Full Scan; Back of DUT Facing Phantom.
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.2 V/m; Power Drift = -0.0616 dB
Motorola Fast SAR: SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.822 mW/g
Maximum value of SAR (interpolated) = 1.21 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 35.2 V/m; Power Drift = -0.0748 dB
Peak SAR (extrapolated) = 1.21 W/kg
Motorola Fast SAR: SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.821 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.20 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.2 V/m; Power Drift = -0.0902 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.841 mW/g



Section 84.0

(794-824MHz band)

**DUT front side with PMAS4000A antenna and RLN5878A audio accessory
(Section 13.6 Table 97)****Motorola Enterprise Mobility Solutions EME Laboratory**

Date/Time: 5/2/2010 12:10:00 PM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100502-07
 Phantom# / Tissue Temp.: OVAL1020 / 21.1 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.65 (W)

Note:

Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 0.823 mW/g (1g); 0.605 mW/g (10g)

Comments: Full Scan; Front of DUT Facing Phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)

Electronics: DAE3 Sn401, Calibrated: 7/9/2009

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.0 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 0.866 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 31.0 V/m; Power Drift = -0.0686 dB

Motorola Fast SAR: SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (interpolated) = 0.871 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm

Reference Value = 31.0 V/m; Power Drift = -0.0798 dB

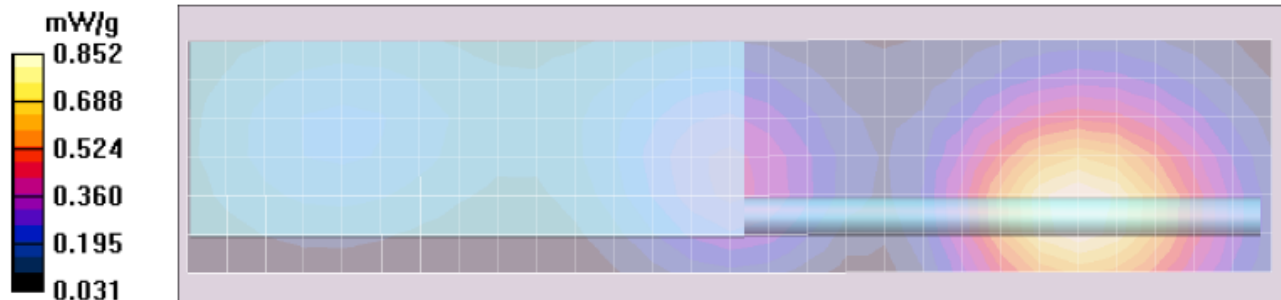
Peak SAR (extrapolated) = 0.869 W/kg

Motorola Fast SAR: SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.590 mW/g

Maximum value of SAR (interpolated) = 0.869 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.862 mW/g



Section 85.0

(794-824MHz band)

DUT back side with PMAS4000A antenna and RLN5878A audio accessory

(Section 13.6 Table 98)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/2/2010 9:51:49 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100502-04
 Phantom# / Tissue Temp.: OVAL1020 / 21.2 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 809.0000 (MHz)
 Battery: NNIN7036A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.64 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 0.922 mW/g (1g); 0.676 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

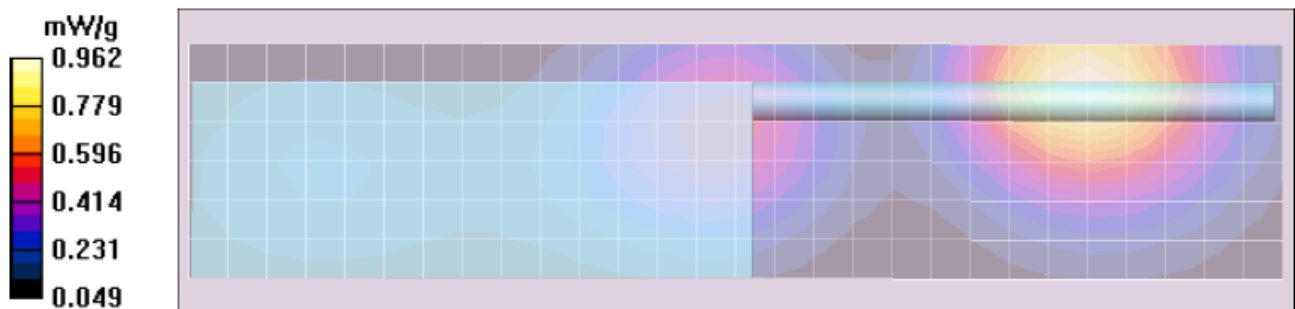
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 32.2 V/m; Power Drift = 0.0819 dB
 Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.673 mW/g
 Maximum value of SAR (measured) = 0.965 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 32.2 V/m; Power Drift = 0.0661 dB
Motorola Fast SAR: SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.654 mW/g
 Maximum value of SAR (interpolated) = 0.963 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 32.2 V/m; Power Drift = 0.0652 dB
 Peak SAR (extrapolated) = 0.965 W/kg
Motorola Fast SAR: SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.656 mW/g
 Maximum value of SAR (interpolated) = 0.965 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.967 mW/g



Section 86.0

**(794-824MHz band)
PMAS4000A antenna frequency search
(Section 13.6 Table 99)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/2/2010 3:57:51 PM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100502-12
Phantom# / Tissue Temp.: OVAL1020 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 823.9875 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.69 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 0.865mW/g (1g); 0.639 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

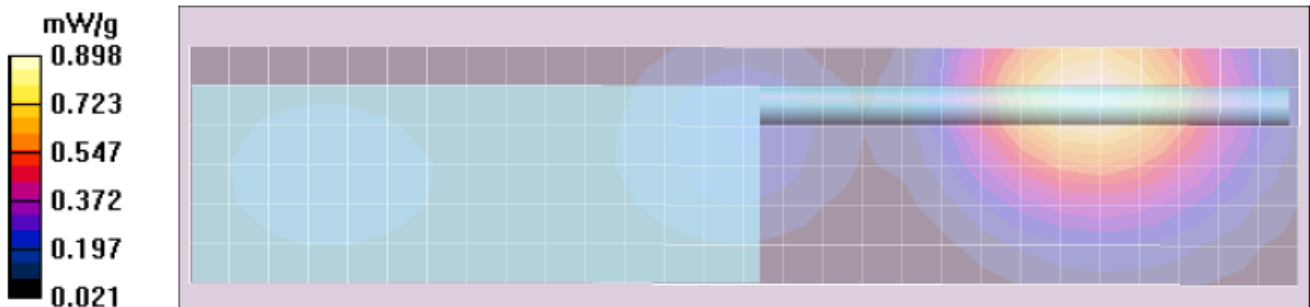
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = 0.0724 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.636 mW/g
Maximum value of SAR (measured) = 0.903 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 31.7 V/m; Power Drift = 0.0522 dB
Motorola Fast SAR: SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (interpolated) = 0.908 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 31.7 V/m; Power Drift = 0.0584 dB
Peak SAR (extrapolated) = 0.912 W/kg
Motorola Fast SAR: SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (interpolated) = 0.912 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.913 mW/g



Section 87.0

(794-824MHz band)

**PSM PMMN4061A with PMAF4002A antenna and offered batteries
(Section 13.6 Table 100)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/4/2010 3:17:46 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100504-09
Phantom# / Tissue Temp.: OVAL1020 / 20.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 809.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / PMMN4061A
Start Power: 3.66 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.20 mW/g (1g); 1.60 mW/g (10g)

Comments: Full Scan; Front facing phantom.

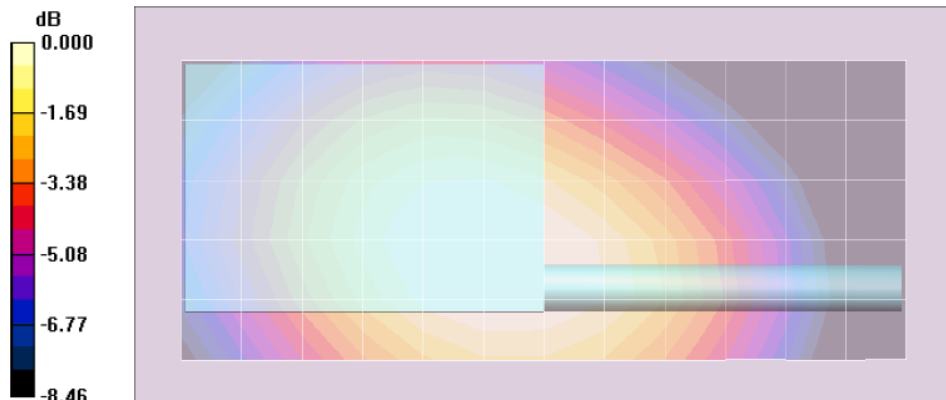
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.5 V/m; Power Drift = -0.823 dB
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 2.18 mW/g; SAR(10 g) = 1.59 mW/g
Maximum value of SAR (measured) = 2.30 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 51.5 V/m; Power Drift = -0.516 dB
Motorola Fast SAR: SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.74 mW/g
Maximum value of SAR (interpolated) = 2.57 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 51.5 V/m; Power Drift = -0.616 dB
Peak SAR (extrapolated) = 2.39 W/kg
Motorola Fast SAR: SAR(1 g) = 2.27 mW/g; SAR(10 g) = 1.63 mW/g
Maximum value of SAR (interpolated) = 2.39 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.26 mW/g



Section 88.0
Face
(794-824MHz band)
PSM PMMN4061A with PMAF40002A antenna frequency search
Test frequency outside FCC frequency allocation
(Section 13.6 Table 101)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/4/2010 4:18:07 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100504-11
 Phantom# / Tissue Temp.: OVAL1020 / 20.5 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 794.0125 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / PMMN4061A
 Start Power: 3.04 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.75 mW/g (1g); 2.01 mW/g (10g)

Comments: Full Scan; Front facing phantom.

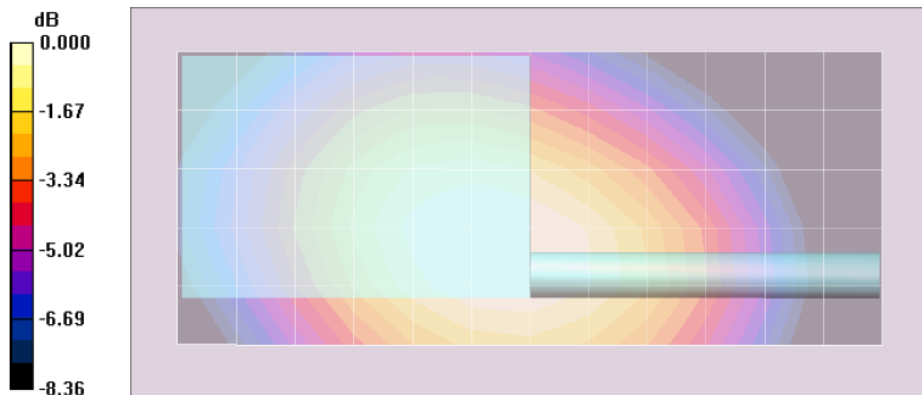
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 54.0 V/m; Power Drift = -0.465 dB
 Peak SAR (extrapolated) = 3.59 W/kg
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.99 mW/g
 Maximum value of SAR (measured) = 2.88 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 54.0 V/m; Power Drift = -0.214 dB
Motorola Fast SAR: SAR(1 g) = 2.91 mW/g; SAR(10 g) = 2.09 mW/g
 Maximum value of SAR (interpolated) = 3.08 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 54.0 V/m; Power Drift = -0.286 dB
 Peak SAR (extrapolated) = 2.96 W/kg
Motorola Fast SAR: SAR(1 g) = 2.81 mW/g; SAR(10 g) = 2.01 mW/g
 Maximum value of SAR (interpolated) = 2.96 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.81 mW/g



Section 89.0

**(794-824MHz band)
PSM PMMN4060A with PMAF4002A antenna and offered batteries
(Section 13.6 Table 102)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/5/2010 1:03:00 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100505-09
Phantom# / Tissue Temp.: OVAL1020 / 20.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 809.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: None / PMMN4060A
Start Power: 3.65 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.62 mW/g (1g); 1.19 mW/g (10g)

Comments: Full Scan; Front facing phantom.

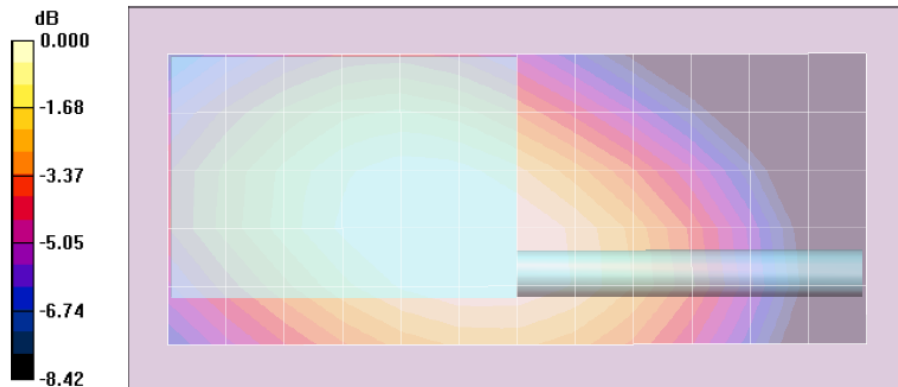
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.0 V/m; Power Drift = -0.727 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.61 mW/g; SAR(10 g) = 1.18 mW/g
Maximum value of SAR (measured) = 1.70 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.0 V/m; Power Drift = -0.461 dB
Motorola Fast SAR: SAR(1 g) = 1.76 mW/g; SAR(10 g) = 1.27 mW/g
Maximum value of SAR (interpolated) = 1.86 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 44.0 V/m; Power Drift = -0.557 dB
Peak SAR (extrapolated) = 1.75 W/kg
Motorola Fast SAR: SAR(1 g) = 1.66 mW/g; SAR(10 g) = 1.2 mW/g
Maximum value of SAR (interpolated) = 1.75 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.66 mW/g



Section 90.0

(794-824MHz band)

PSM PMMN4060A with PMAF4002A antenna frequency search

Test frequency outside FCC frequency allocation

(Section 13.6 Table 103)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/5/2010 3:09:49 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100505-12
 Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 794.0125 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: None / PMMN4060A
 Start Power: 3.05 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.92 mW/g (1g); 1.40 mW/g (10g)

Comments: Full Scan; Front facing phantom.

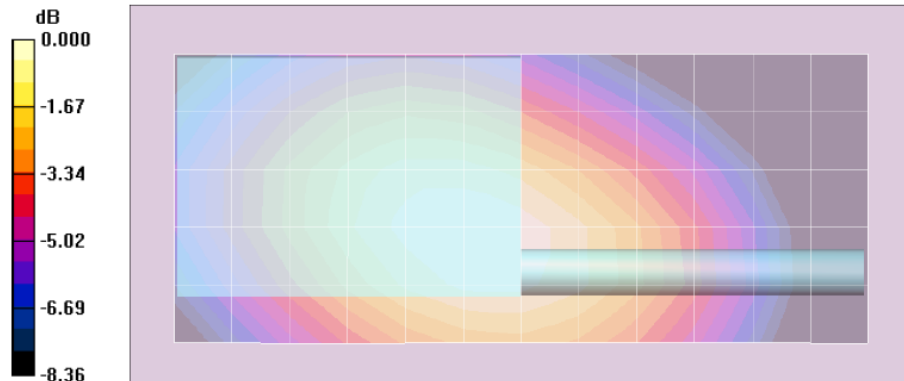
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 44.0 V/m; Power Drift = -0.0467 dB
 Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.91 mW/g; SAR(10 g) = 1.39 mW/g
 Maximum value of SAR (measured) = 2.01 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 44.0 V/m; Power Drift = -0.0178 dB
Motorola Fast SAR: SAR(1 g) = 1.93 mW/g; SAR(10 g) = 1.38 mW/g
 Maximum value of SAR (interpolated) = 2.03 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 44.0 V/m; Power Drift = -0.0243 dB
 Peak SAR (extrapolated) = 2.02 W/kg
Motorola Fast SAR: SAR(1 g) = 1.92 mW/g; SAR(10 g) = 1.38 mW/g
 Maximum value of SAR (interpolated) = 2.02 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.01 mW/g



Section 91.0

**(851-870MHz band)
NAF5085A antenna and NNTN7036A battery
(Section 13.8 Table 104)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/23/2010 3:43:02 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100423-10
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NNTN8266B / RLN5882A
Start Power: 3.74 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 3.98 mW/g (1g); 2.63 mW/g (10g)

Comments: Full Scan.

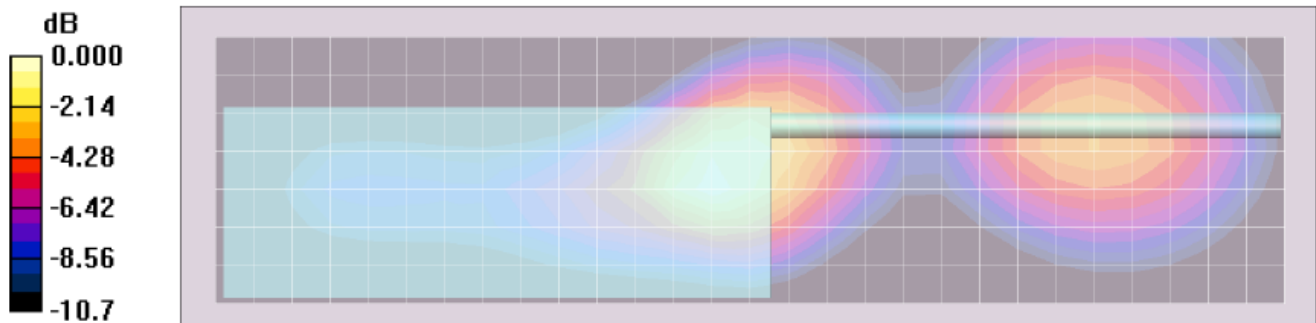
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.3 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 6.14 W/kg
SAR(1 g) = 3.98 mW/g; SAR(10 g) = 2.63 mW/g
Maximum value of SAR (measured) = 4.27 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 48.3 V/m; Power Drift = -0.0882 dB
Motorola Fast SAR: SAR(1 g) = 3.98 mW/g; SAR(10 g) = 2.67 mW/g
Maximum value of SAR (interpolated) = 4.36 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 48.3 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 4.40 W/kg
Motorola Fast SAR: SAR(1 g) = 4.04 mW/g; SAR(10 g) = 2.67 mW/g
Maximum value of SAR (interpolated) = 4.40 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.32 mW/g



Section 92.0

**(851-870MHz band)
NAF5085A antenna and NNTN7034A battery
(Section 13.8 Table 105)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/23/2010 7:02:54 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100423-14
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NTN8266B / RLN5882A
Start Power: 3.73 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.01 mW/g (1g); 2.60 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

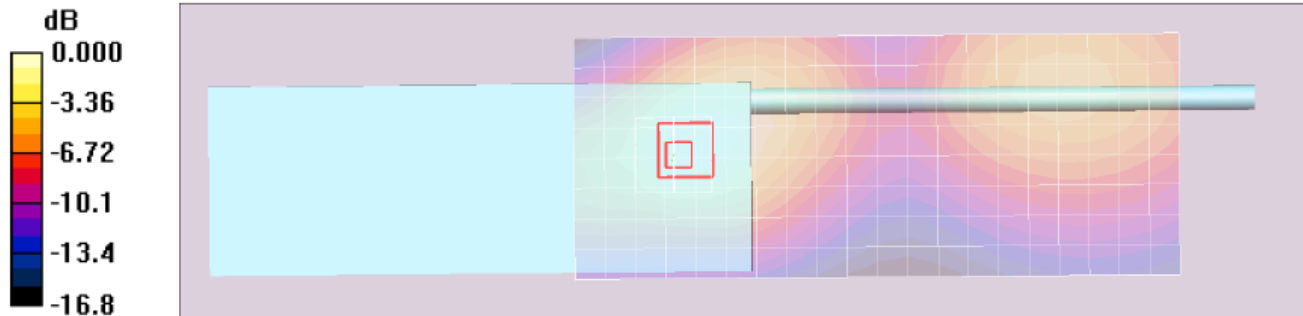
Ab Scan/Area Scan (81x201x1): Measurement grid: dx=12mm, dy=12mm
Reference Value = 47.1 V/m; Power Drift = -0.0476 dB
Motorola Fast SAR: SAR(1 g) = 3.93 mW/g; SAR(10 g) = 2.64 mW/g
Maximum value of SAR (interpolated) = 4.34 mW/g

Ab Scan/Volume 2D Scan (61x61x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 47.1 V/m; Power Drift = -0.0639 dB
Peak SAR (extrapolated) = 4.43 W/kg
Motorola Fast SAR: SAR(1 g) = 4.03 mW/g; SAR(10 g) = 2.65 mW/g
Maximum value of SAR (interpolated) = 4.43 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.29 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.1 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 6.43 W/kg
SAR(1 g) = 4.01 mW/g; SAR(10 g) = 2.6 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
Maximum value of SAR (measured) = 4.37 mW/g



Section 93.0

**(851-870MHz band)
NAF5085A antenna and NNTN7038A battery
(Section 13.8 Table 106)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/23/2010 10:49:52 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100423-19
Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
Battery: NNTN7038A
Cary Acc. / Cable Acc.: NTN8266B / RLN5882A
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 3.68 mW/g (1g); 2.33 mW/g (10g)

Comments: Full Scan.

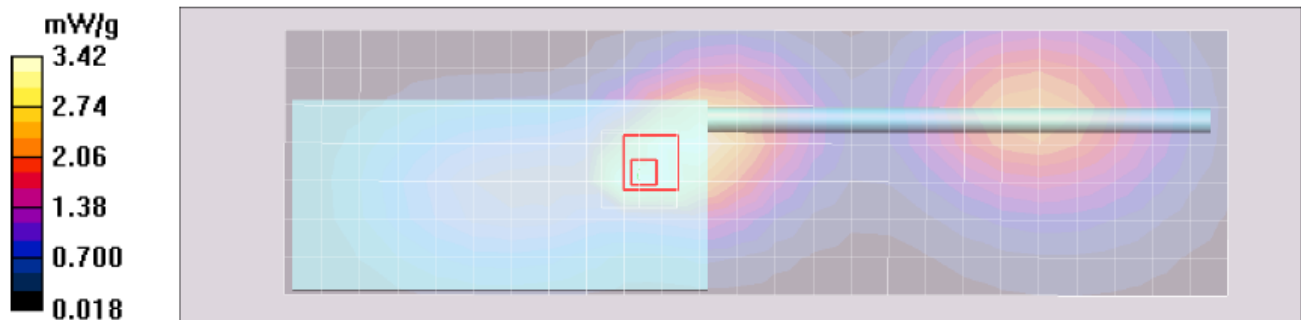
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 50.1 V/m; Power Drift = -0.0668 dB
Motorola Fast SAR: SAR(1 g) = 3.45 mW/g; SAR(10 g) = 2.36 mW/g
Maximum value of SAR (interpolated) = 3.82 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.89 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.1 V/m; Power Drift = -0.0739 dB
Peak SAR (extrapolated) = 6.40 W/kg
SAR(1 g) = 3.68 mW/g; SAR(10 g) = 2.33 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
Maximum value of SAR (measured) = 4.01 mW/g



Section 94.0

**(851-870MHz band)
NAF5085A antenna and NNTN7033A battery
(Section 13.8 Table 107)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/24/2010 7:24:06 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100424-06
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: NTN8266B / RLN5882A
Start Power: 3.72 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 3.98 mW/g (1g); 2.61 mW/g (10g)

Comments: Full Scan.

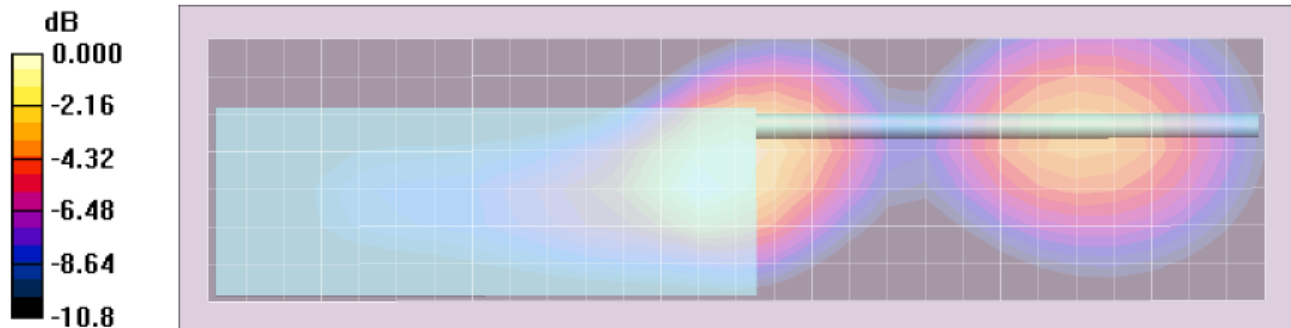
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.0 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 6.24 W/kg
SAR(1 g) = 3.98 mW/g; SAR(10 g) = 2.61 mW/g
Maximum value of SAR (measured) = 4.25 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 49.0 V/m; Power Drift = -0.116 dB
Motorola Fast SAR: SAR(1 g) = 4.03 mW/g; SAR(10 g) = 2.66 mW/g
Maximum value of SAR (interpolated) = 4.46 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 49.0 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 4.44 W/kg
Motorola Fast SAR: SAR(1 g) = 4.07 mW/g; SAR(10 g) = 2.67 mW/g
Maximum value of SAR (interpolated) = 4.44 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.31 mW/g



Section 95.0

(851-870MHz band)
NAF5085A antenna frequency search
 Test frequency outside FCC frequency allocation
 (Section 13.8 Table 108)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/24/2010 9:30:43 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100424-09
 Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 869.9875 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: NTN8266B / RLN5882A
 Start Power: 3.75 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.40 mW/g (1g); 2.67 mW/g (10g)

Comments: Full Scan.

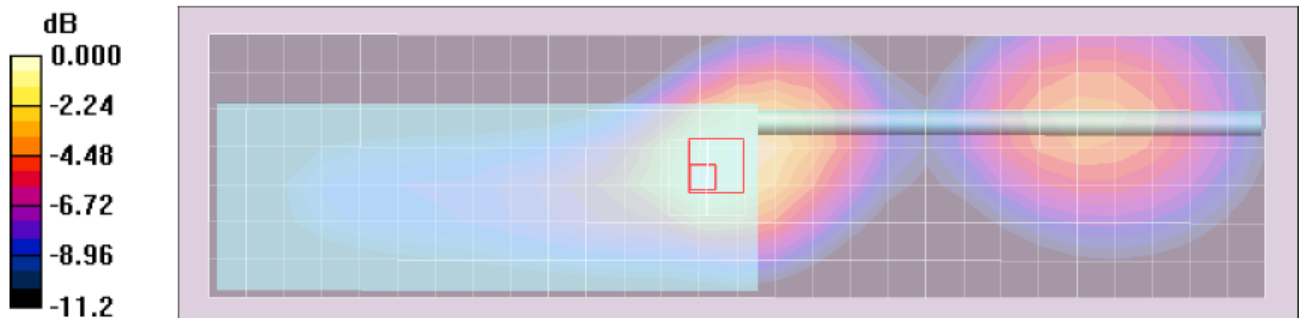
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 44.8 V/m; Power Drift = -0.133 dB
 Peak SAR (extrapolated) = 6.32 W/kg
SAR(1 g) = 4.04 mW/g; SAR(10 g) = 2.67 mW/g
 Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
 Maximum value of SAR (measured) = 4.35 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 44.8 V/m; Power Drift = -0.122 dB
Motorola Fast SAR: SAR(1 g) = 4.11 mW/g; SAR(10 g) = 2.73 mW/g
 Maximum value of SAR (interpolated) = 4.61 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 44.8 V/m; Power Drift = -0.130 dB
 Peak SAR (extrapolated) = 4.45 W/kg
Motorola Fast SAR: SAR(1 g) = 4.12 mW/g; SAR(10 g) = 2.73 mW/g
 Maximum value of SAR (interpolated) = 4.45 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.28 mW/g



Section 96.0

**(851-870MHz band)
2.5cm separation with NAF5085A antenna
Test frequency outside FCC frequency allocation
(Section 13.8 Table 109)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/24/2010 10:50:19 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100424-11
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 869.9875 (MHz)
Battery: NNTN7036A
Cary Acc. / Cable Acc.: None / RLN5882A
Start Power: 3.75 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.07 mW/g (1g); 2.87 mW/g (10g)

Comments: Full Scan. Back - Antenna at 2.5cm.

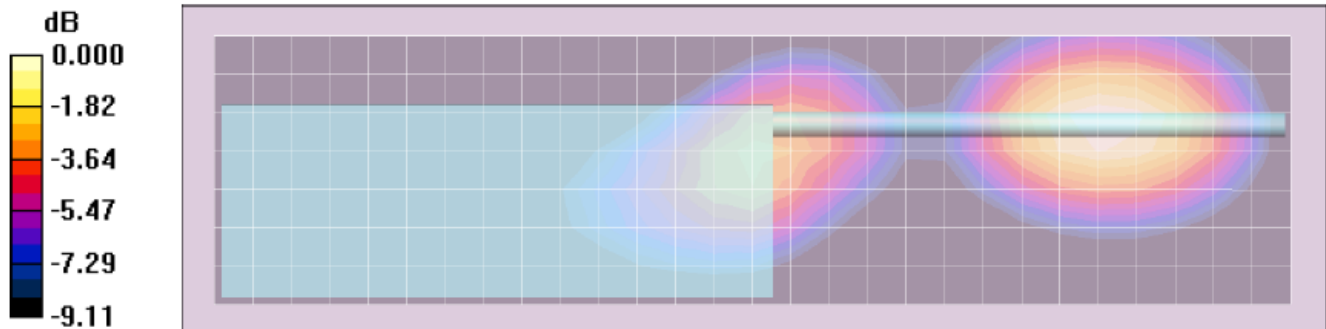
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.1 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 5.53 W/kg
SAR(1 g) = 4.07 mW/g; SAR(10 g) = 2.87 mW/g
Maximum value of SAR (measured) = 4.34 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 65.1 V/m; Power Drift = -0.124 dB
Motorola Fast SAR: SAR(1 g) = 4.1 mW/g; SAR(10 g) = 2.85 mW/g
Maximum value of SAR (interpolated) = 4.36 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 65.1 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 4.36 W/kg
Motorola Fast SAR: SAR(1 g) = 4.12 mW/g; SAR(10 g) = 2.85 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.36 mW/g



Section 97.0

**(851-870MHz band)
PMAS4000A antenna and NNTN7036A battery
(Section 13.8 Table 110)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/25/2010 7:26:39 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100425-21
Phantom# / Tissue Temp.: OVAL1019 / 22.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / RLN5882A
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.82 mW/g (1g); 3.08 mW/g (10g)

Comments:

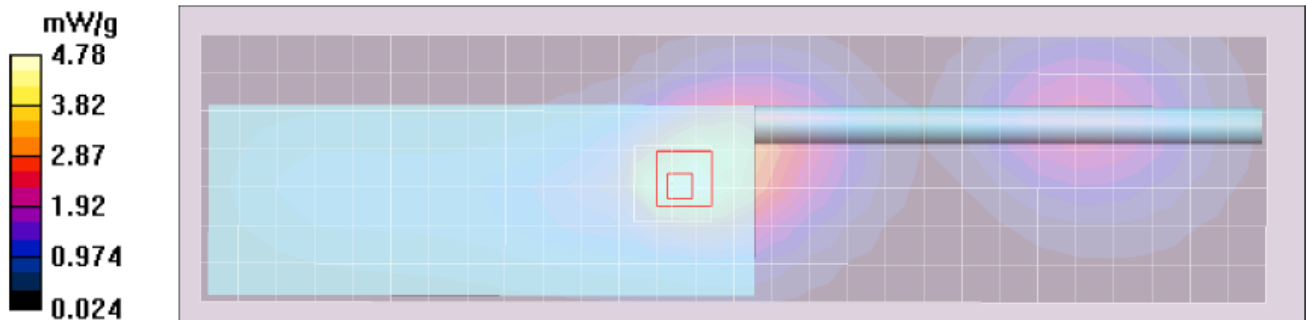
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 47.2 V/m; Power Drift = -0.173 dB
Motorola Fast SAR: SAR(1 g) = 4.59 mW/g; SAR(10 g) = 3.11 mW/g
Maximum value of SAR (interpolated) = 5.00 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.09 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.2 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 7.89 W/kg
SAR(1 g) = 4.82 mW/g; SAR(10 g) = 3.08 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
Maximum value of SAR (measured) = 5.23 mW/g



Section 98.0

**(851-870MHz band)
PMAS4000A antenna and NNTN7034A battery
(Section 13.8 Table 111)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/25/2010 10:31:14 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100425-25
Phantom# / Tissue Temp.: OVAL1019 / 22.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 3.76 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.76 mW/g (1g); 3.05 mW/g (10g)

Comments: Full scan.

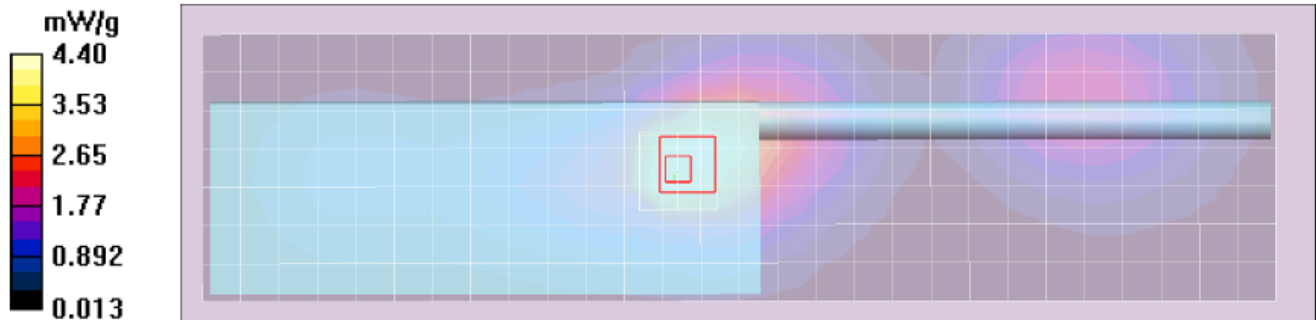
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.9 V/m; Power Drift = -0.143 dB
Motorola Fast SAR: SAR(1 g) = 4.47 mW/g; SAR(10 g) = 3.06 mW/g
Maximum value of SAR (interpolated) = 4.93 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 44.9 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 5.26 W/kg
Motorola Fast SAR: SAR(1 g) = 4.84 mW/g; SAR(10 g) = 3.15 mW/g
Maximum value of SAR (interpolated) = 5.26 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.08 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.9 V/m; Power Drift = -0.163 dB
Peak SAR (extrapolated) = 7.71 W/kg
SAR(1 g) = 4.76 mW/g; SAR(10 g) = 3.05 mW/g
Maximum value of SAR (measured) = 5.23 mW/g



Section 99.0

**(851-870MHz band)
PMAS4000A antenna and NNTN7038A battery
(Section 13.8 Table 112)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/26/2010 12:01:07 AM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100425-27
Phantom# / Tissue Temp.: OVAL1019 / 22.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
Battery: NNTN7038A
Cary Acc. / Cable Acc.: NTN8266B / RLN5882A
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.66 mW/g (1g); 2.85 mW/g (10g)

Comments: Full scan.

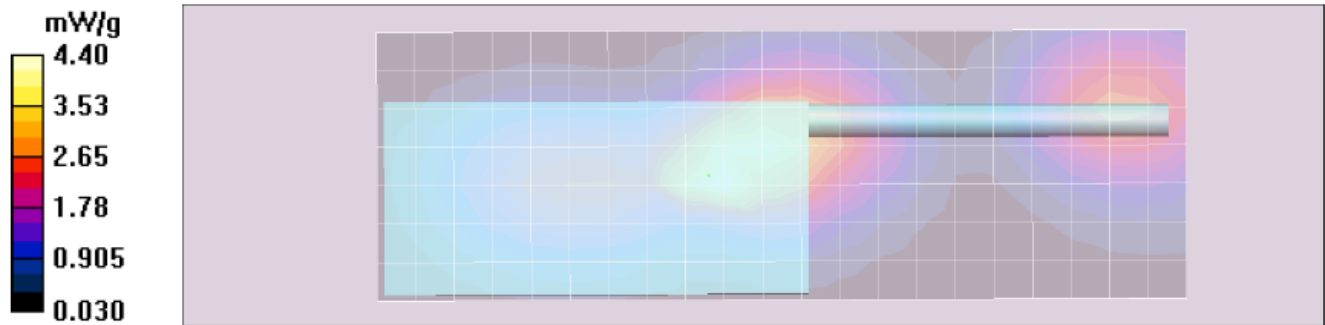
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x211x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 54.5 V/m; Power Drift = -0.141 dB
Motorola Fast SAR: SAR(1 g) = 4.38 mW/g; SAR(10 g) = 2.92 mW/g
Maximum value of SAR (interpolated) = 4.88 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 54.5 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 5.39 W/kg
Motorola Fast SAR: SAR(1 g) = 4.83 mW/g; SAR(10 g) = 3.01 mW/g
Maximum value of SAR (interpolated) = 5.39 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.12 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.5 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 8.36 W/kg
SAR(1 g) = 4.66 mW/g; SAR(10 g) = 2.85 mW/g



Section 100.0

**(851-870MHz band)
PMAS4000A antenna and NNTN7033A battery
(Section 13.8 Table 113)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/26/2010 9:18:57 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100426-04
Phantom# / Tissue Temp.: OVAL1019 / 22.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: NTN8266B / RLN5882A
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.78 mW/g (1g); 3.11 mW/g (10g)

Comments: Full Scan.

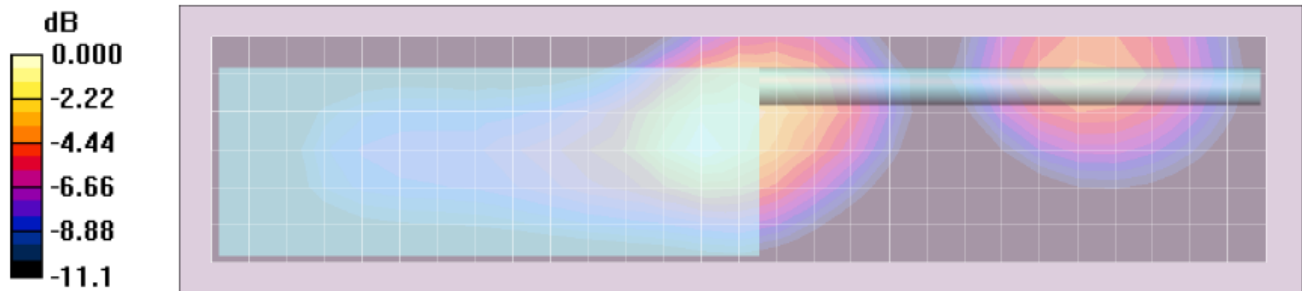
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 860.5 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.8 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 7.60 W/kg
SAR(1 g) = 4.78 mW/g; SAR(10 g) = 3.11 mW/g
Maximum value of SAR (measured) = 5.09 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 46.8 V/m; Power Drift = -0.171 dB
Motorola Fast SAR: SAR(1 g) = 4.76 mW/g; SAR(10 g) = 3.15 mW/g
Maximum value of SAR (interpolated) = 5.26 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 46.8 V/m; Power Drift = -0.177 dB
Peak SAR (extrapolated) = 5.32 W/kg
Motorola Fast SAR: SAR(1 g) = 4.89 mW/g; SAR(10 g) = 3.19 mW/g
Maximum value of SAR (interpolated) = 5.32 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.11 mW/g



Section 101.0

(851-870MHz band)
PMAS4000A antenna frequency search
 (Section 13.8 Table 114)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/26/2010 10:45:50 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100426-06
 Phantom# / Tissue Temp.: OVAL1019 / 22.0 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 851.0125 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: NTN8266B / RLN5882A
 Start Power: 3.72 (W)

Note:

Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.81 mW/g (1g); 3.12 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)

Electronics: DAE3 Sn401, Calibrated: 7/9/2009

Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 50.9 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 7.74 W/kg

SAR(1 g) = 4.81 mW/g; SAR(10 g) = 3.12 mW/g

Maximum value of SAR (measured) = 5.18 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 50.9 V/m; Power Drift = -0.134 dB

Motorola Fast SAR: SAR(1 g) = 4.81 mW/g; SAR(10 g) = 3.17 mW/g

Maximum value of SAR (interpolated) = 5.33 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm

Reference Value = 50.9 V/m; Power Drift = -0.144 dB

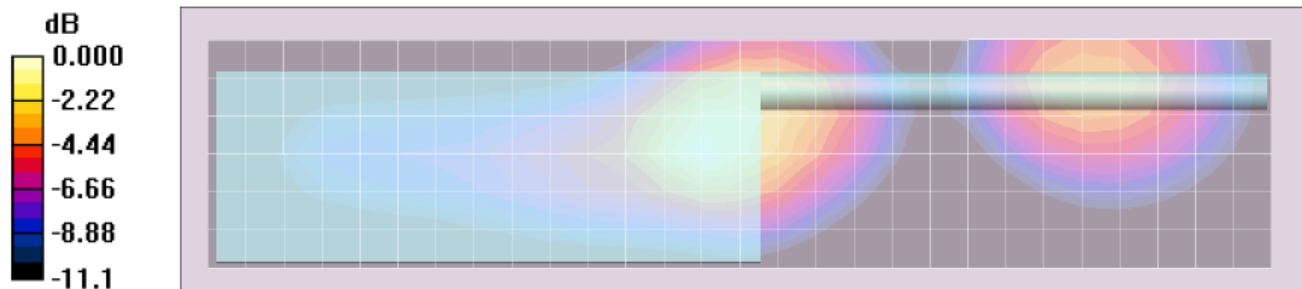
Peak SAR (extrapolated) = 5.47 W/kg

Motorola Fast SAR: SAR(1 g) = 4.94 mW/g; SAR(10 g) = 3.2 mW/g

Maximum value of SAR (interpolated) = 5.47 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 5.17 mW/g



Section 102.0
(851-870MHz band)
2.5cm separation with PMAS4000A antenna
(Section 13.8 Table 115)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/26/2010 12:12:29 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100426-08
 Phantom# / Tissue Temp.: OVAL1019 / 21.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / RLN5882A
 Start Power: 3.70 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 3.66 mW/g (1g); 2.59 mW/g (10g)

Comments: Full Scan. Back - Antenna at 2.5 cm.

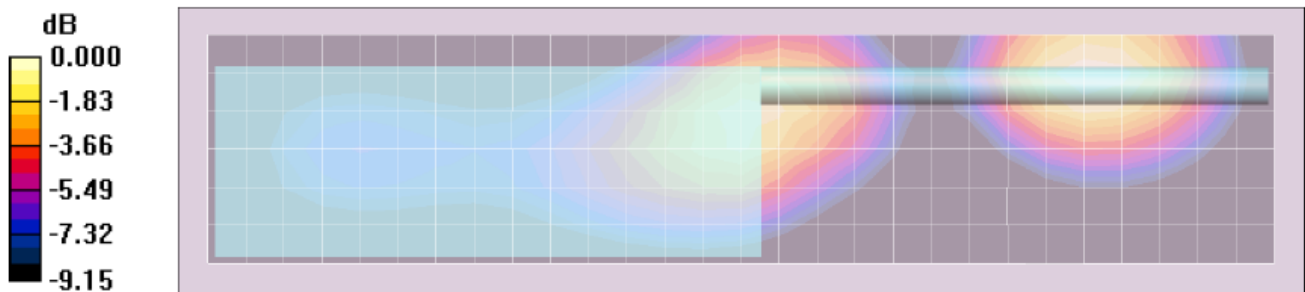
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 60.6 V/m; Power Drift = -0.171 dB
 Peak SAR (extrapolated) = 4.94 W/kg
SAR(1 g) = 3.66 mW/g; SAR(10 g) = 2.59 mW/g
 Maximum value of SAR (measured) = 3.90 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 60.6 V/m; Power Drift = -0.146 dB
Motorola Fast SAR: SAR(1 g) = 3.68 mW/g; SAR(10 g) = 2.56 mW/g
 Maximum value of SAR (interpolated) = 3.91 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 60.6 V/m; Power Drift = -0.159 dB
 Peak SAR (extrapolated) = 3.91 W/kg
Motorola Fast SAR: SAR(1 g) = 3.7 mW/g; SAR(10 g) = 2.56 mW/g
 Maximum value of SAR (measured) = 3.91 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.90 mW/g



Section 103.0

(851-870MHz band)

**PSM PMMN4061A with PMAF4002A antenna and offered batteries
(Section 13.8 Table 116)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/26/2010 10:35:15 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100426-25
 Phantom# / Tissue Temp.: OVAL1019 / 21.4 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 860.5000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4061A
 Start Power: 3.72 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 3.08 mW/g (1g); 1.88 mW/g (10g)

Comments: Full Scan.

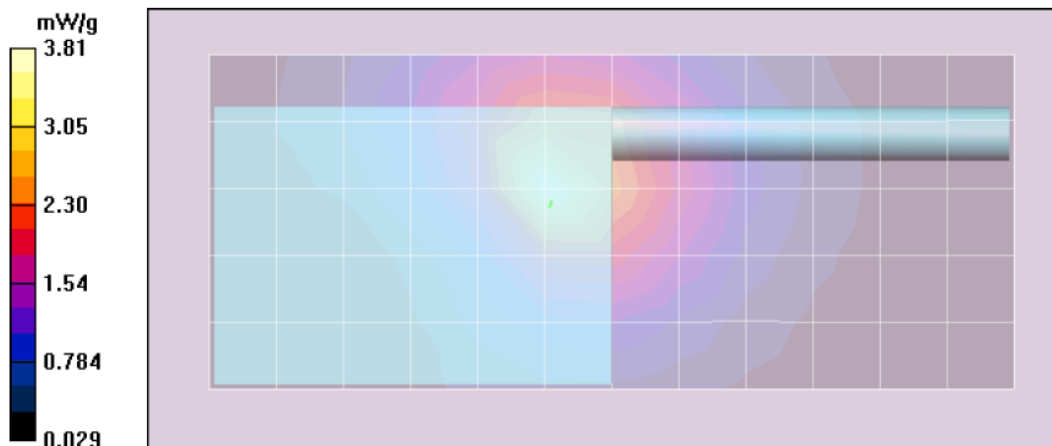
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 44.1 V/m; Power Drift = -0.518 dB
Motorola Fast SAR: SAR(1 g) = 3.44 mW/g; SAR(10 g) = 2.16 mW/g
 Maximum value of SAR (interpolated) = 3.95 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 44.1 V/m; Power Drift = -0.612 dB
 Peak SAR (extrapolated) = 3.72 W/kg
Motorola Fast SAR: SAR(1 g) = 3.28 mW/g; SAR(10 g) = 2.05 mW/g
 Maximum value of SAR (interpolated) = 3.72 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.40 mW/g

Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 44.1 V/m; Power Drift = -0.931 dB
 Peak SAR (extrapolated) = 5.47 W/kg
SAR(1 g) = 3.08 mW/g; SAR(10 g) = 1.88 mW/g
 Maximum value of SAR (measured) = 3.39 mW/g



Section 104.0

(851-870MHz band)

**PSM PMMN4061A with PMAF4002A antenna frequency search
(Section 13.8 Table 117)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/27/2010 9:30:08 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100427-03
 Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 851.0125 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4061A
 Start Power: 3.70 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.09 mW/g (1g); 2.49 mW/g (10g)

Comments: Full Scan.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009

Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 46.2 V/m; Power Drift = -0.0522 dB

Peak SAR (extrapolated) = 7.23 W/kg

SAR(1 g) = 4.09 mW/g; SAR(10 g) = 2.49 mW/g

Maximum value of SAR (measured) = 4.36 mW/g

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 46.2 V/m; Power Drift = -0.0134 dB

Motorola Fast SAR: SAR(1 g) = 4.09 mW/g; SAR(10 g) = 2.61 mW/g

Maximum value of SAR (interpolated) = 4.59 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm

Reference Value = 46.2 V/m; Power Drift = -0.0294 dB

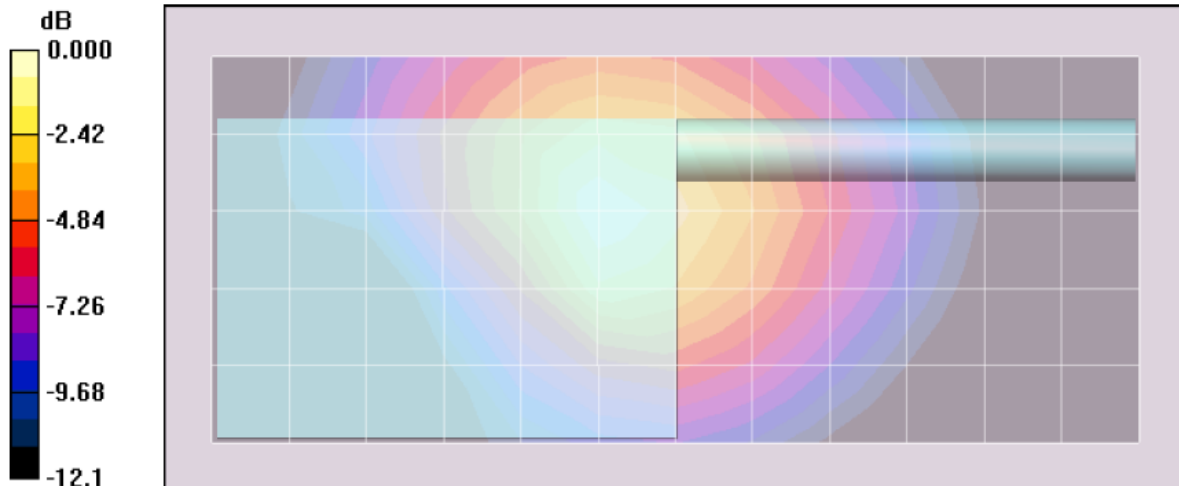
Peak SAR (extrapolated) = 4.71 W/kg

Motorola Fast SAR: SAR(1 g) = 4.19 mW/g; SAR(10 g) = 2.6 mW/g

Maximum value of SAR (interpolated) = 4.71 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 4.69 mW/g



Section 105.0
(851-870MHz band)
PSM PMMN4060A PMAF4002A antenna and offered batteries
(Section 13.8 Table 118)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/27/2010 5:15:45 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100427-18
 Phantom# / Tissue Temp.: OVAL1019 / 20.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 860.5000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4060A
 Start Power: 3.73 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.89 mW/g (1g); 1.14 mW/g (10g)

Comments: Full Scan.

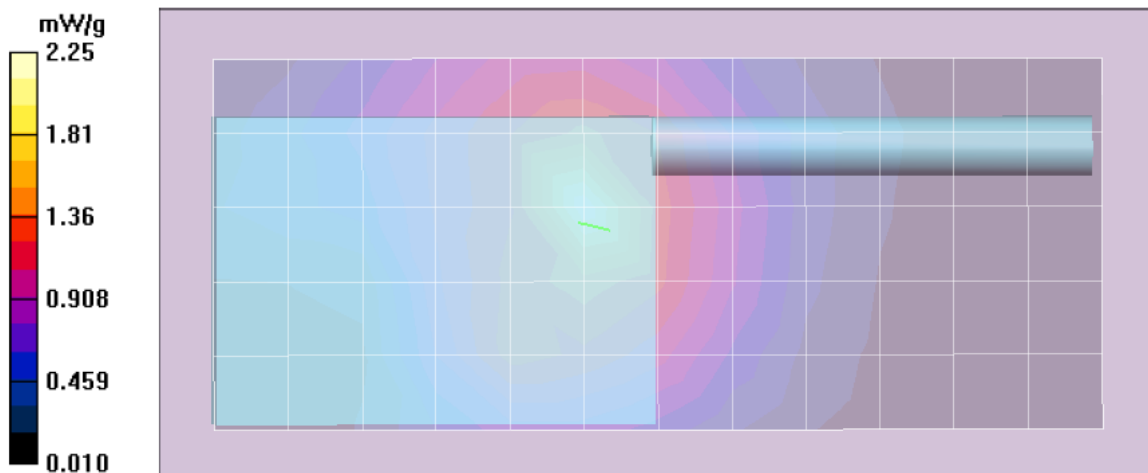
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 35.0 V/m; Power Drift = -0.0827 dB
Motorola Fast SAR: SAR(1 g) = 1.96 mW/g; SAR(10 g) = 1.23 mW/g
 Maximum value of SAR (interpolated) = 2.25 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 35.0 V/m; Power Drift = -0.104 dB
 Peak SAR (extrapolated) = 2.33 W/kg
Motorola Fast SAR: SAR(1 g) = 1.95 mW/g; SAR(10 g) = 1.17 mW/g
 Maximum value of SAR (interpolated) = 2.33 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.20 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 35.0 V/m; Power Drift = -0.136 dB
 Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 1.89 mW/g; SAR(10 g) = 1.14 mW/g



Section 106.0

**(851-870MHz band)
PSM PMMN4060A PMAF4065A antenna frequency search
(Section 13.8 Table 119)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/27/2010 7:06:38 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100427-22
Phantom# / Tissue Temp.: OVAL1019 / 20.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 851.0125 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: 4205823V01 / PMMN4060A
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.95 mW/g (1g); 1.81 mW/g (10g)

Comments: Full Scan.

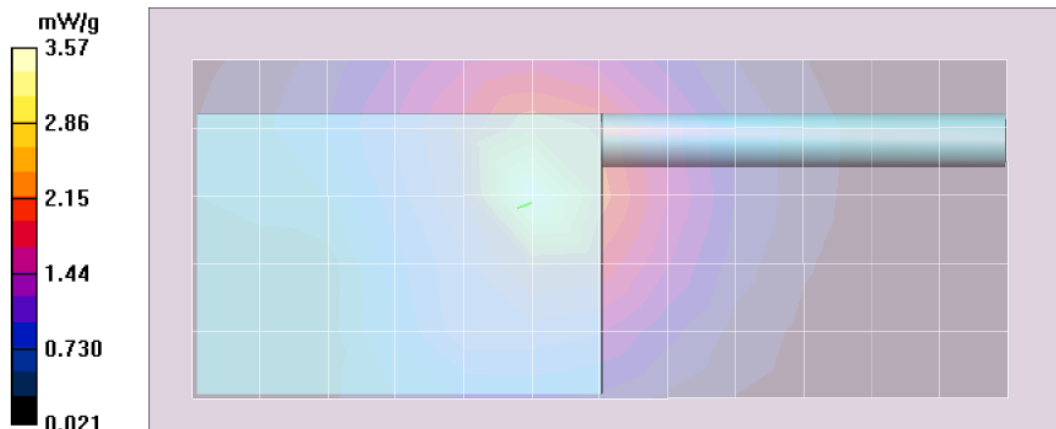
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 43.2 V/m; Power Drift = -0.196 dB
Motorola Fast SAR: SAR(1 g) = 3.13 mW/g; SAR(10 g) = 1.96 mW/g
Maximum value of SAR (interpolated) = 3.60 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 43.2 V/m; Power Drift = -0.229 dB
Peak SAR (extrapolated) = 3.54 W/kg
Motorola Fast SAR: SAR(1 g) = 3.07 mW/g; SAR(10 g) = 1.89 mW/g
Maximum value of SAR (interpolated) = 3.54 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.43 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.2 V/m; Power Drift = -0.323 dB
Peak SAR (extrapolated) = 5.24 W/kg
SAR(1 g) = 2.95 mW/g; SAR(10 g) = 1.81 mW/g
Maximum value of SAR (measured) = 3.33 mW/g



Section 107.0

(851-870MHz band)

**DUT front side with NAF5085A antenna and offered batteries
(Section 13.8 Table 120)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/29/2010 10:02:43 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100429-17
 Phantom# / Tissue Temp.: OVAL1020 / 21.7 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.65 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.95 mW/g (1g); 1.41 mW/g (10g)

Comments: Full Scan; Front facing phantom.

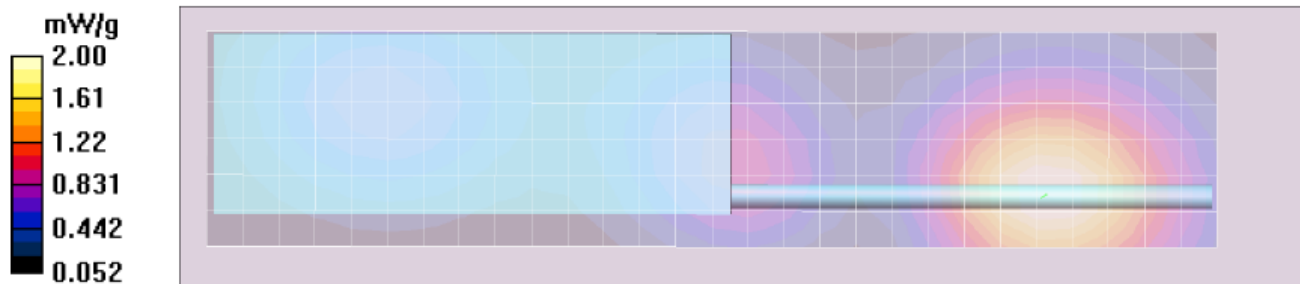
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 45.4 V/m; Power Drift = -0.153 dB
Motorola Fast SAR: SAR(1 g) = 1.96 mW/g; SAR(10 g) = 1.4 mW/g
 Maximum value of SAR (interpolated) = 2.07 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 45.4 V/m; Power Drift = -0.160 dB
 Peak SAR (extrapolated) = 2.04 W/kg
Motorola Fast SAR: SAR(1 g) = 1.94 mW/g; SAR(10 g) = 1.38 mW/g
 Maximum value of SAR (interpolated) = 2.04 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.03 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 45.4 V/m; Power Drift = -0.177 dB
 Peak SAR (extrapolated) = 2.55 W/kg
SAR(1 g) = 1.93 mW/g; SAR(10 g) = 1.4 mW/g



Section 108.0

**(851-870MHz band)
DUT back side with NAF5085A antenna and offered batteries
(Section 13.8 Table 121)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/30/2010 9:01:24 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100430-02
Phantom# / Tissue Temp.: OVAL1020 / 21.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.70 mW/g (1g); 1.24 mW/g (10g)

Comments: Full Scan; Back facing phantom.

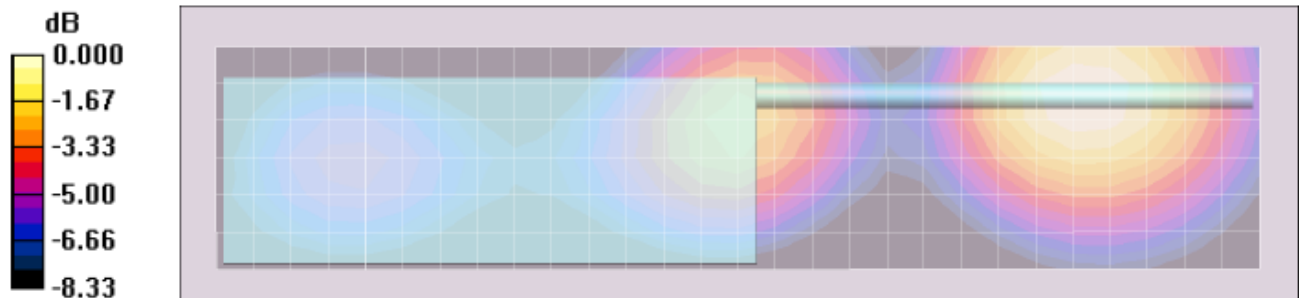
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.4 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 1.7 mW/g; SAR(10 g) = 1.24 mW/g
Maximum value of SAR (measured) = 1.80 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 43.4 V/m; Power Drift = -0.119 dB
Motorola Fast SAR: SAR(1 g) = 1.72 mW/g; SAR(10 g) = 1.23 mW/g
Maximum value of SAR (interpolated) = 1.81 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 43.4 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 1.81 W/kg
Motorola Fast SAR: SAR(1 g) = 1.72 mW/g; SAR(10 g) = 1.23 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.81 mW/g



Section 109.0

(851-870MHz band)

DUT front side with NAF5085A antenna and RLN5878A audio accessory (Section 13.8 Table 122)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/30/2010 5:43:11 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100430-14
Phantom# / Tissue Temp.: OVAL1020 / 21.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: None / RLN5878A
Start Power: 3.71 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.86 mW/g (1g); 1.35 mW/g (10g)

Comments: Full Scan; Front facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 42.6 V/m; Power Drift = 0.00971 dB

Motorola Fast SAR: SAR(1 g) = 1.87 mW/g; SAR(10 g) = 1.33 mW/g

Maximum value of SAR (interpolated) = 1.98 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm

Reference Value = 42.6 V/m; Power Drift = 0.0122 dB

Peak SAR (extrapolated) = 1.98 W/kg

Motorola Fast SAR: SAR(1 g) = 1.88 mW/g; SAR(10 g) = 1.33 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

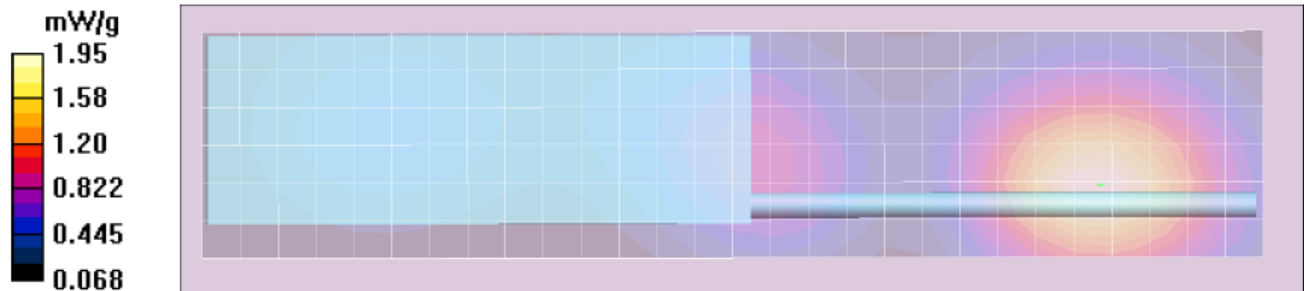
Maximum value of SAR (measured) = 1.97 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 42.6 V/m; Power Drift = -0.00295 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.86 mW/g; SAR(10 g) = 1.35 mW/g



Section 110.0

(851-870MHz band)

**DUT back side with NAF5085A antenna and RLN5878A audio accessory
(Section 13.8 Table 123)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/30/2010 1:05:53 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100430-08
 Phantom# / Tissue Temp.: OVAL1020 / 21.6 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.73 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.67 mW/g (1g); 1.22 mW/g (10g)

Comments: Full Scan; Back facing phantom.

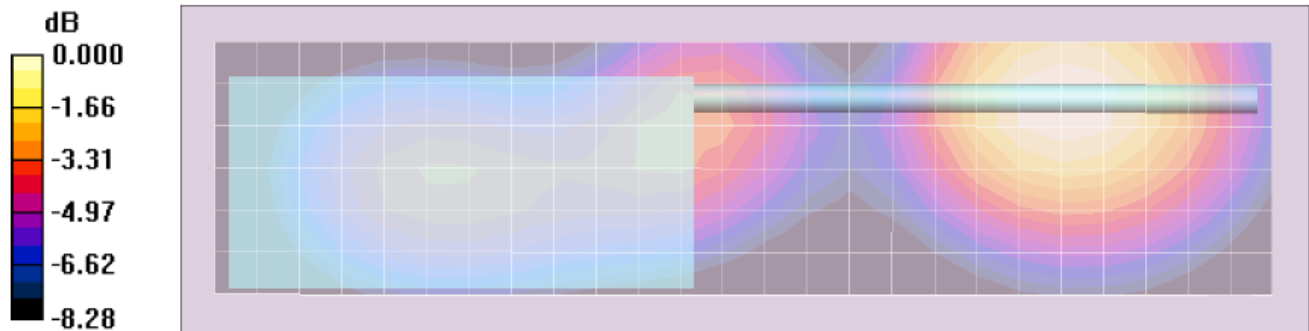
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 41.2 V/m; Power Drift = -0.129 dB
 Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.67 mW/g; SAR(10 g) = 1.22 mW/g
 Maximum value of SAR (measured) = 1.76 mW/g

Face Scan/Area Scan (61x251x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 41.2 V/m; Power Drift = -0.110 dB
Motorola Fast SAR: SAR(1 g) = 1.68 mW/g; SAR(10 g) = 1.2 mW/g
 Maximum value of SAR (interpolated) = 1.78 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 41.2 V/m; Power Drift = -0.113 dB
 Peak SAR (extrapolated) = 1.76 W/kg
Motorola Fast SAR: SAR(1 g) = 1.68 mW/g; SAR(10 g) = 1.2 mW/g
 Maximum value of SAR (interpolated) = 1.76 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.76 mW/g



Section 111.0
(851-870MHz band)
NAF5085A antenna frequency search
(Section 13.8 Table 124)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/30/2010 6:26:32 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100430-15
 Phantom# / Tissue Temp.: OVAL1020 / 21.6 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 851.0125 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.71 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.91 mW/g (1g); 1.39 mW/g (10g)

Comments: Full Scan; Front facing phantom.

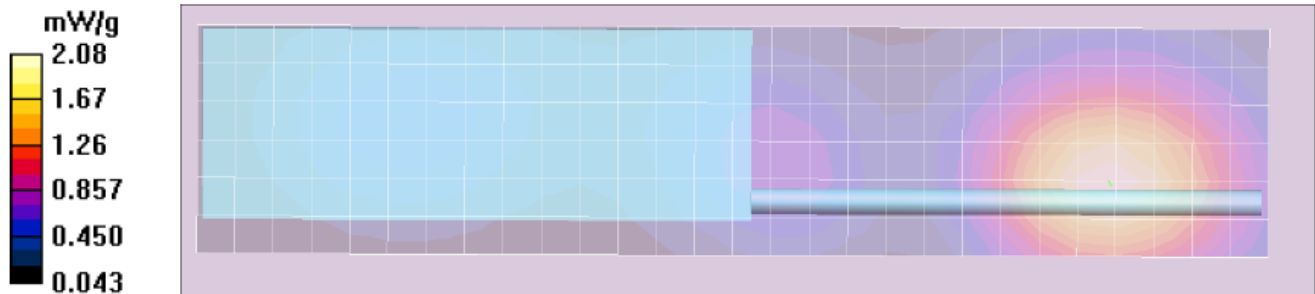
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 42.8 V/m; Power Drift = -0.145 dB
Motorola Fast SAR: SAR(1 g) = 1.97 mW/g; SAR(10 g) = 1.41 mW/g
 Maximum value of SAR (interpolated) = 2.08 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 42.8 V/m; Power Drift = -0.153 dB
 Peak SAR (extrapolated) = 2.02 W/kg
Motorola Fast SAR: SAR(1 g) = 1.93 mW/g; SAR(10 g) = 1.38 mW/g
 Maximum value of SAR (interpolated) = 2.02 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.01 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 42.8 V/m; Power Drift = -0.172 dB
 Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 1.91 mW/g; SAR(10 g) = 1.39 mW/g
 Maximum value of SAR (measured) = 2.02 mW/g



Section 112.0

(851-870MHz band)

**DUT front side with PMAS4000A antenna and offered batteries
(Section 13.8 Table 125)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/5/2010 2:05:12 AM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100504-22
 Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
 Battery: NNTN7033A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.69 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.84 mW/g (1g); 1.32mW/g (10g)

Comments: Full Scan; Front of DUT Facing Phantom.

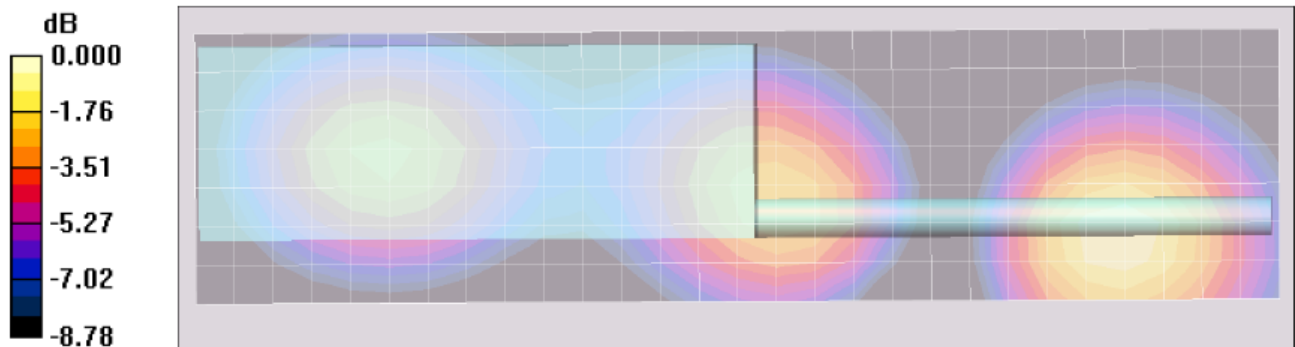
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 35.7 V/m; Power Drift = 0.655 dB
Motorola Fast SAR: SAR(1 g) = 1.61 mW/g; SAR(10 g) = 1.15 mW/g
 Maximum value of SAR (interpolated) = 1.70 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 35.7 V/m; Power Drift = 0.739 dB
 Peak SAR (extrapolated) = 1.90 W/kg
Motorola Fast SAR: SAR(1 g) = 1.8 mW/g; SAR(10 g) = 1.28 mW/g
 Maximum value of SAR (interpolated) = 1.90 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.98 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 35.7 V/m; Power Drift = 0.906 dB
 Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 1.83 mW/g; SAR(10 g) = 1.32 mW/g
 Maximum value of SAR (measured) = 1.94 mW/g



Section 113.0

(851-870MHz band)

**DUT back side with PMAS4000A antenna and offered batteries
(Section 13.8 Table 126)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/3/2010 12:43:39 AM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100502-21
 Phantom# / Tissue Temp.: OVAL1020 / 21.0 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.70 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.97 mW/g (1g); 1.43 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

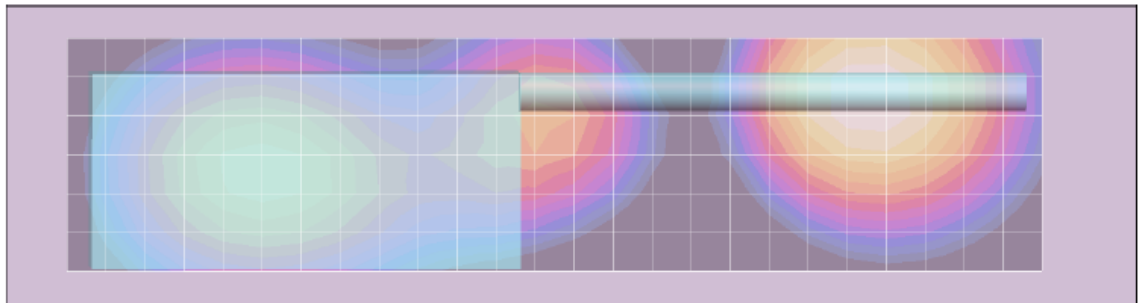
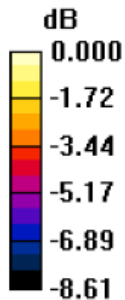
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Face Scan/Area Scan (61x251x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Reference Value = 46.7 V/m; Power Drift = -0.294 dB
Motorola Fast SAR: SAR(1 g) = 2.01 mW/g; SAR(10 g) = 1.43 mW/g
 Maximum value of SAR (interpolated) = 2.12 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=1\text{mm}$
 Reference Value = 46.7 V/m; Power Drift = -0.317 dB
 Peak SAR (extrapolated) = 2.09 W/kg
Motorola Fast SAR: SAR(1 g) = 1.99 mW/g; SAR(10 g) = 1.42 mW/g
 Maximum value of SAR (interpolated) = 2.09 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$
 Maximum value of SAR (measured) = 2.07 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 46.7 V/m; Power Drift = -0.360 dB
 Peak SAR (extrapolated) = 2.61 W/kg
SAR(1 g) = 1.97 mW/g; SAR(10 g) = 1.43 mW/g
 Maximum value of SAR (measured) = 2.08 mW/g



Section 114.0

(851-870MHz band)

**DUT front side with PMAS4000A antenna and RLN5878A audio accessory
(Section 13.8 Table 127)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/3/2010 9:04:17 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100503-02
Phantom# / Tissue Temp.: OVAL1020 / 20.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
Battery: NNTN7036A
Cary Acc. / Cable Acc.: None / RLN5878A
Start Power: 3.73 (W)

Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.20 mW/g (1g); 0.875 mW/g (10g)

Comments: Full Scan; Front facing phantom.

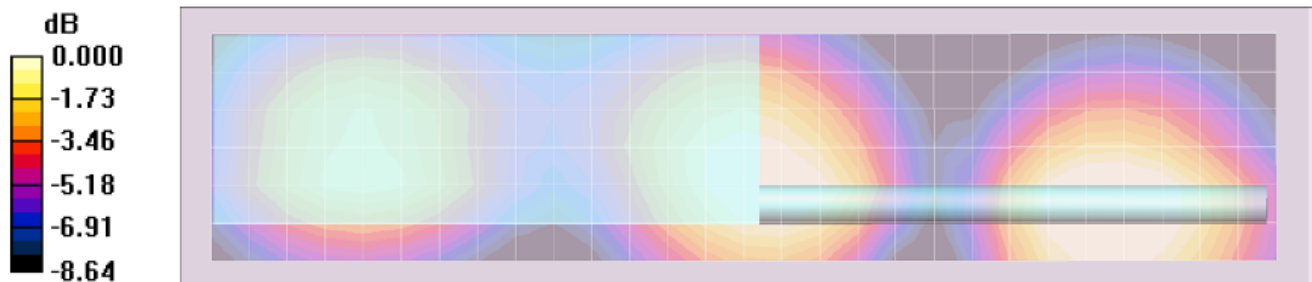
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.1 V/m; Power Drift = -1.00 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.875 mW/g
Maximum value of SAR (measured) = 1.26 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 38.1 V/m; Power Drift = -0.988 dB
Motorola Fast SAR: SAR(1 g) = 1.53 mW/g; SAR(10 g) = 1.08 mW/g
Maximum value of SAR (interpolated) = 1.62 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 38.1 V/m; Power Drift = -0.976 dB
Peak SAR (extrapolated) = 1.27 W/kg
Motorola Fast SAR: SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.862 mW/g
Maximum value of SAR (interpolated) = 1.27 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.27 mW/g



Section 115.0

(851-870MHz band)

**DUT back side with PMAS4000A antenna and RLN5878A audio accessory
(Section 13.8 Table 128)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/3/2010 1:38:53 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100503-08
 Phantom# / Tissue Temp.: OVAL1020 / 20.8 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.72 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.56 mW/g (1g); 1.13 mW/g (10g)

Comments: Full Scan; Back facing phantom.

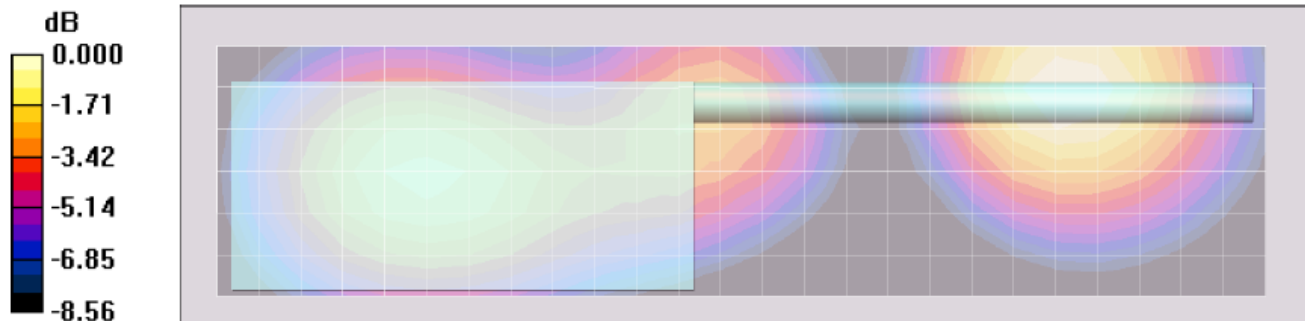
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 36.9 V/m; Power Drift = -0.113 dB
 Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.13 mW/g
 Maximum value of SAR (measured) = 1.65 mW/g

Face Scan/Area Scan (61x251x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 36.9 V/m; Power Drift = -0.115 dB
Motorola Fast SAR: SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.11 mW/g
 Maximum value of SAR (interpolated) = 1.64 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 36.9 V/m; Power Drift = -0.104 dB
 Peak SAR (extrapolated) = 1.65 W/kg
Motorola Fast SAR: SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.11 mW/g
 Maximum value of SAR (interpolated) = 1.65 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.65 mW/g



Section 116.0

(851-870MHz band)
PMAS4000A antenna frequency search
Test frequency outside FCC frequency allocation
(Section 13.8 Table 129)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/3/2010 3:48:22 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100503-11
 Phantom# / Tissue Temp.: OVAL1020 / 20.8 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 869.9875 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.75 (W)

Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.03 mW/g (1g); 1.47 mW/g (10g)

Comments: Full Scan; Back facing phantom.

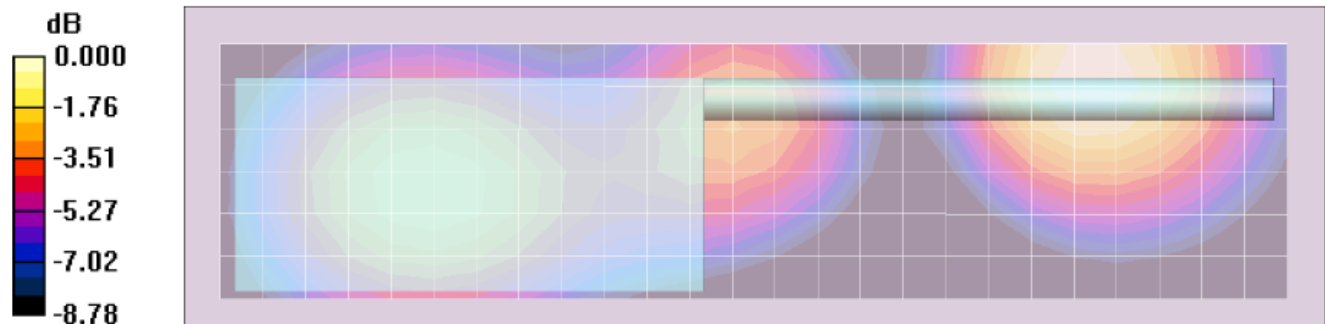
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 41.1 V/m; Power Drift = -0.371 dB
 Peak SAR (extrapolated) = 2.70 W/kg
SAR(1 g) = 2.03 mW/g; SAR(10 g) = 1.47 mW/g
 Maximum value of SAR (measured) = 2.16 mW/g

Face Scan/Area Scan (61x251x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 41.1 V/m; Power Drift = -0.303 dB
Motorola Fast SAR: SAR(1 g) = 2.06 mW/g; SAR(10 g) = 1.46 mW/g
 Maximum value of SAR (interpolated) = 2.18 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 41.1 V/m; Power Drift = -0.325 dB
 Peak SAR (extrapolated) = 2.17 W/kg
Motorola Fast SAR: SAR(1 g) = 2.05 mW/g; SAR(10 g) = 1.46 mW/g
 Maximum value of SAR (interpolated) = 2.17 mW/g

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



Section 117.0
(851-870MHz band)
PSM PMMN4061A with PMAF4002A antenna and offered batteries
(Section 13.8 Table 130)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/4/2010 6:43:32 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100504-15
 Phantom# / Tissue Temp.: OVAL1020 / 20.5 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / PMMN4061A
 Start Power: 3.71 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.27 mW/g (1g); 0.903 mW/g (10g)

Comments: Full Scan; Front facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009

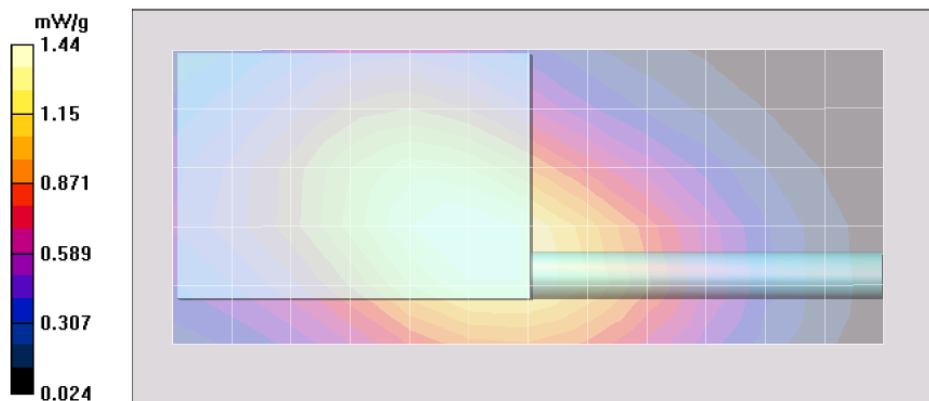
Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 36.6 V/m; Power Drift = -0.224 dB
Motorola Fast SAR: SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.979 mW/g
 Maximum value of SAR (interpolated) = 1.45 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 36.6 V/m; Power Drift = -0.306 dB
 Peak SAR (extrapolated) = 1.39 W/kg
Motorola Fast SAR: SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.940 mW/g
 Maximum value of SAR (interpolated) = 1.39 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.30 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 36.6 V/m; Power Drift = -0.533 dB
 Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.900 mW/g
 Maximum value of SAR (measured) = 1.34 mW/g



Section 118.0
(851-870MHz band)
PSM PMMN4061A with PMAF4002A antenna frequency search
(Section 13.8 Table 131)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/4/2010 9:35:16 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100504-17
 Phantom# / Tissue Temp.: OVAL1020 / 20.5 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 851.0125 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / PMMN4061A
 Start Power: 3.72 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.27 mW/g (1g); 0.921 mW/g (10g)

Comments: Full Scan; Front facing phantom.

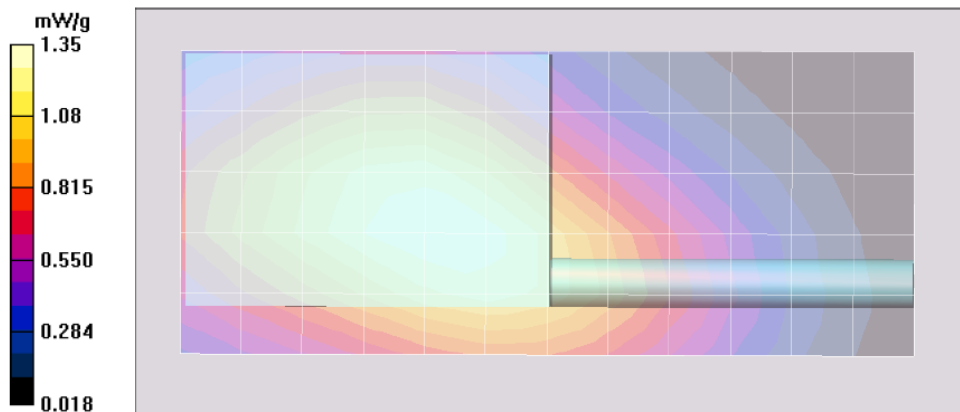
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 36.2 V/m; Power Drift = -0.0201 dB
Motorola Fast SAR: SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.920 mW/g
 Maximum value of SAR (interpolated) = 1.35 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 36.2 V/m; Power Drift = -0.0325 dB
 Peak SAR (extrapolated) = 1.34 W/kg
Motorola Fast SAR: SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.914 mW/g
 Maximum value of SAR (interpolated) = 1.34 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.32 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 36.2 V/m; Power Drift = -0.0666 dB
 Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.918 mW/g
 Maximum value of SAR (measured) = 1.33 mW/g



Section 119.0
(851-870MHz band)
PSM PMMN4060A with PMAF4002A antenna and offered batteries
(Section 13.8 Table 132)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/5/2010 8:05:01 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100505-17
 Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 860.5000 (MHz)
 Battery: NNTN7033A
 Carry Acc. / Cable Acc.: None / PMMN4060A
 Start Power: 3.69 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 0.965 mW/g (1g); 0.695 mW/g (10g)

Comments: Full Scan; Front facing phantom.

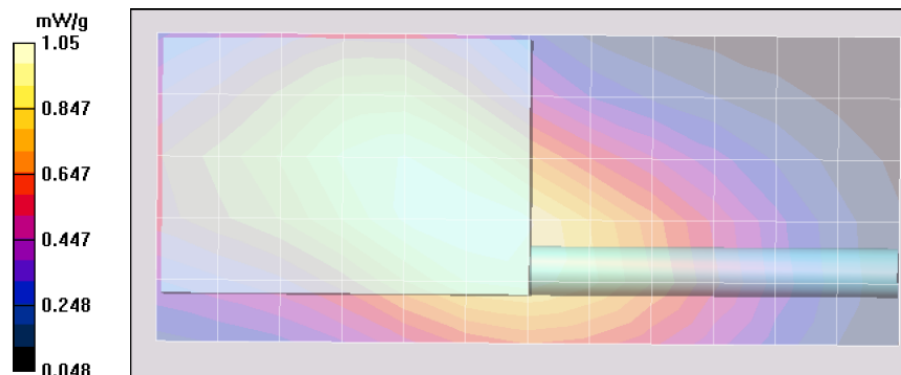
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 30.3 V/m; Power Drift = -0.0797 dB
Motorola Fast SAR: SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.710 mW/g
 Maximum value of SAR (interpolated) = 1.05 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 30.3 V/m; Power Drift = -0.106 dB
 Peak SAR (extrapolated) = 1.03 W/kg
Motorola Fast SAR: SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.700 mW/g
 Maximum value of SAR (interpolated) = 1.03 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.01 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 30.3 V/m; Power Drift = -0.153 dB
 Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.695 mW/g
 Maximum value of SAR (measured) = 1.02 mW/g



Section 120.0

(851-870MHz band)

**PSM PMMN4060A with PMAF4002A antenna frequency search
(Section 13.8 Table 133)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/5/2010 8:48:38 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100505-18
Phantom# / Tissue Temp.: OVAL1020 / 20.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 851.0125 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: None / PMMN4060A
Start Power: 3.73 (W)

Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 1.30 mW/g (1g); 0.936 mW/g (10g)

Comments: Full Scan; Front facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

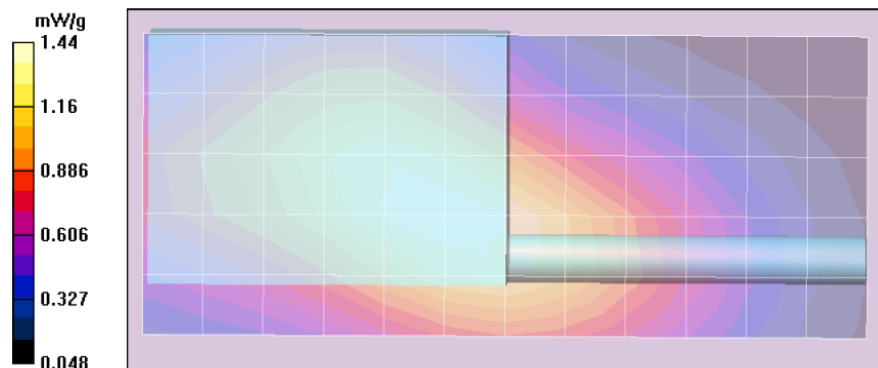
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.8 V/m; Power Drift = -0.168 dB
Motorola Fast SAR: SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.979 mW/g
Maximum value of SAR (interpolated) = 1.44 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 35.8 V/m; Power Drift = -0.224 dB
Peak SAR (extrapolated) = 1.40 W/kg
Motorola Fast SAR: SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.952 mW/g
Maximum value of SAR (interpolated) = 1.40 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.35 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.8 V/m; Power Drift = -0.327 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.936 mW/g
Maximum value of SAR (measured) = 1.38 mW/g



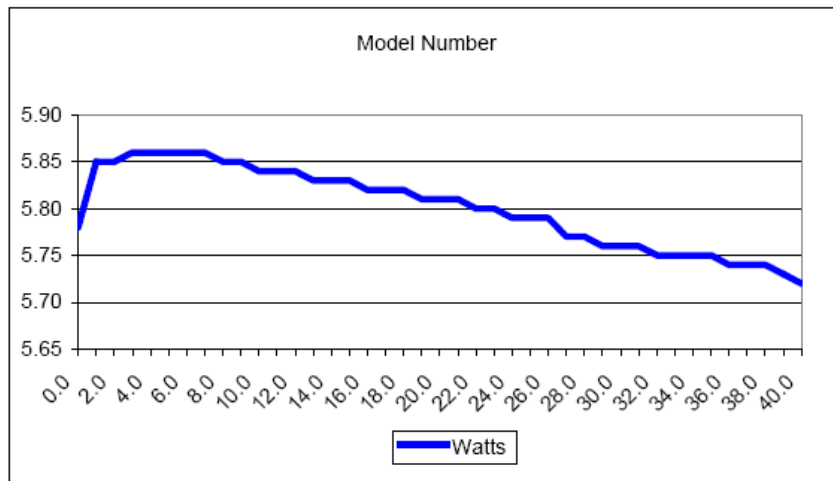
APPENDIX G
DUT Supplementary Data (Power slump)

**Model # H97TGD9PW1AN (QA00572AA & QA00573AA)
Serial # Q0BME02S**

Battery	NNTN7034A	Transmit Mode	CW
Frequency	520	Audio Accessory	PMLN5275A
Date	5/18/2010		

TX TIME **Measured Power**
(minutes) Watts

0.0	5.78
1.0	5.85
2.0	5.85
3.0	5.86
4.0	5.86
5.0	5.86
6.0	5.86
7.0	5.86
8.0	5.85
9.0	5.85
10.0	5.84
11.0	5.84
12.0	5.84
13.0	5.83
14.0	5.83
15.0	5.83
16.0	5.82
17.0	5.82
18.0	5.82
19.0	5.81
20.0	5.81
21.0	5.81
22.0	5.80
23.0	5.80
24.0	5.79
25.0	5.79
26.0	5.79
27.0	5.77
28.0	5.77
29.0	5.76
30.0	5.76
31.0	5.76
32.0	5.75
33.0	5.75
34.0	5.75
35.0	5.75
36.0	5.74
37.0	5.74
38.0	5.74
39.0	5.73
40.0	5.72



Appendix H
DUT Test Position Photos

Photos available in Exhibit 7B - Temporary Confidentiality Requested

Appendix I
DUT and Body worn Accessory Photos

Photos available in Exhibit 7B - Temporary Confidentiality Requested