
 MOTOROLA	 TESTING CERT # 2518.01
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 3 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
<p> 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 </p> <p style="text-align: center;">*Refer to section 15 for a summary of SAR results.</p>	
<p> 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. </p>	
<p> 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. </p>	
<p style="text-align: center;"> <i>Signature on file</i> Deanna Zakharia EMS EME Lab Senior Resource Manager, Laboratory Director Approval Date: 6/8/10 </p>	<p style="text-align: center;"> Certification Date: 6/8/10 Certification No.: L1100611P </p>

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

***Shortened Scan Result (NA for Part 90)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/18/2010 1:11:20 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100418-02
 Phantom# / Tissue Temp.: OVAL1011 / 21.6 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAE4065A / 520.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 5.76 (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: 6.16 mW/g (1g); 4.57 mW/g (10g)

Comments: Shortened Scan; Back of DUT Facing Phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 91.8 V/m; Power Drift = -0.768 dB
 Peak SAR (extrapolated) = 8.24 W/kg
SAR(1 g) = 6.16 mW/g; SAR(10 g) = 4.57 mW/g
 Maximum value of SAR (measured) = 6.47 mW/g

Face Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 75.6 V/m; Power Drift = -0.735 dB
Motorola Fast SAR: SAR(1 g) = 5.78 mW/g; SAR(10 g) = 4.28 mW/g
 Maximum value of SAR (interpolated) = 6.07 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 75.6 V/m; Power Drift = -0.829 dB
 Peak SAR (extrapolated) = 5.81 W/kg
Motorola Fast SAR: SAR(1 g) = 5.55 mW/g; SAR(10 g) = 4.1 mW/g
 Maximum value of SAR (interpolated) = 5.81 mW/g

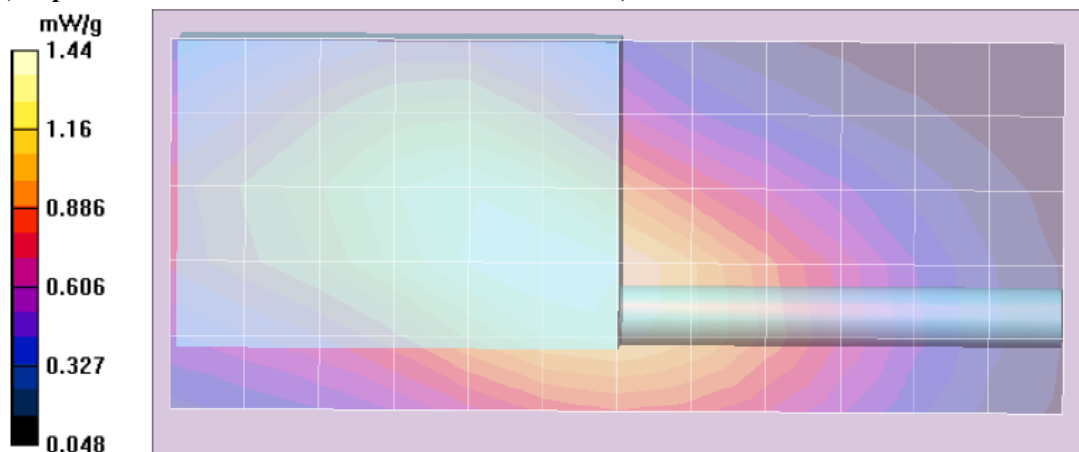
Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.23 mW/g

**Shortened scan reflect highest SAR producing configuration; approximate run time 13 minutes.
 Representative zoom scan run time was 36 minutes**

“Shortened” scan max calculated SAR using SAR drift: 1-g Avg. = 3.68 mW/g; 10-g Avg. = 2.73 mW/g

Zoom scan max calculated SAR using SAR drift: 1-g Avg. = 3.66 mW/g; 10-g Avg. = 2.70 mW/g

(see part 1 of 3 section 13.9 run # JsT-Face-100417-24)



Body Highest SAR Configuration Result

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/10/2010 11:38:07 PM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100410-28
 Phantom# / Tissue Temp.: OVAL1018 / 21.7 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAE4065A / 512.0000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
 Start Power: 5.74 (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: 11.40 mW/g (1g); 6.51 mW/g (10g)

Comments: FULL SCAN

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)

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

Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 67.3 V/m; Power Drift = -0.179 dB

Motorola Fast SAR: SAR(1 g) = 10.2 mW/g; SAR(10 g) = 6.96 mW/g

Maximum value of SAR (interpolated) = 11.3 mW/g

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

Reference Value = 67.3 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 12.8 W/kg

Motorola Fast SAR: SAR(1 g) = 11.6 mW/g; SAR(10 g) = 7.34 mW/g

Maximum value of SAR (interpolated) = 12.8 mW/g

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

Maximum value of SAR (measured) = 12.2 mW/g

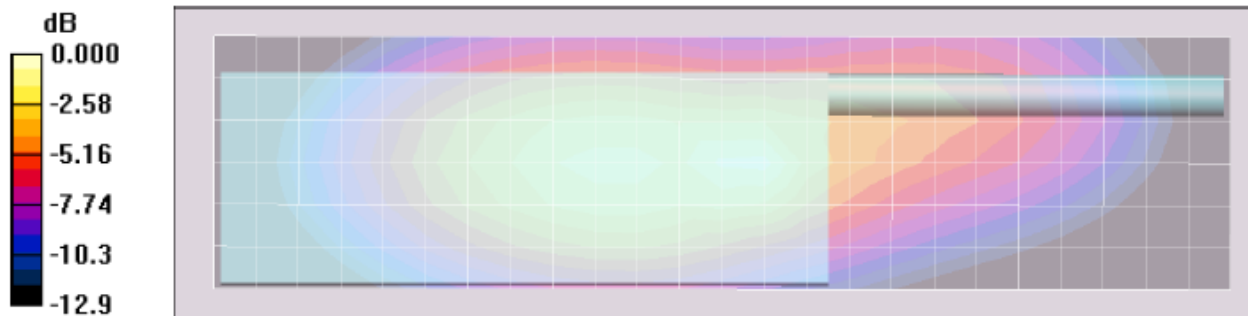
Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 67.3 V/m; Power Drift = -0.238 dB

Peak SAR (extrapolated) = 22.7 W/kg

SAR(1 g) = 11.4 mW/g; SAR(10 g) = 6.51 mW/g

Maximum value of SAR (measured) = 12.1 mW/g



***Body Highest SAR Configuration Result (Continued)
NA for Part 90**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/11/2010 12:29:54 AM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100410-29
Phantom# / Tissue Temp.: OVAL1018 / 21.6 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 520.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.71 (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: 12.00 mW/g (1g); 6.90 mW/g (10g)

Comments: FULL SCAN

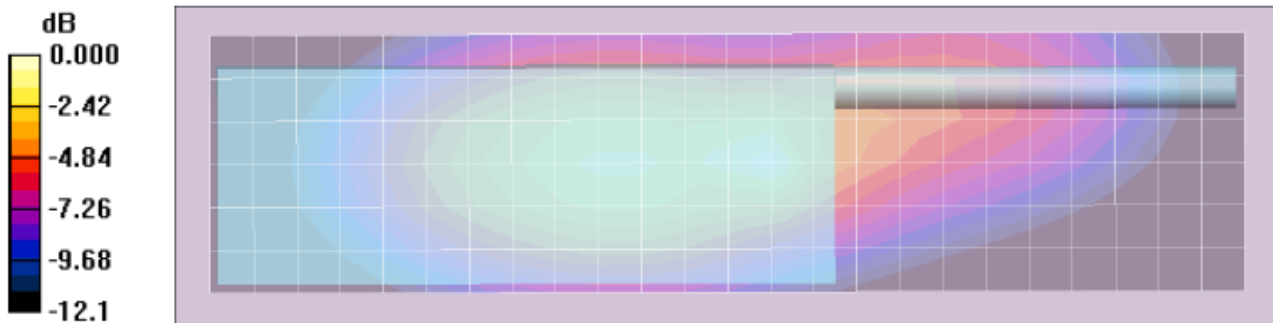
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 71.0 V/m; Power Drift = -0.127 dB
Motorola Fast SAR: SAR(1 g) = 11 mW/g; SAR(10 g) = 7.25 mW/g
Maximum value of SAR (interpolated) = 12.5 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 71.0 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 13.5 W/kg
Motorola Fast SAR: SAR(1 g) = 12.3 mW/g; SAR(10 g) = 7.8 mW/g
Maximum value of SAR (interpolated) = 13.5 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 12.9 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 71.0 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 24.1 W/kg
SAR(1 g) = 12 mW/g; SAR(10 g) = 6.9 mW/g



Face Highest SAR Configuration Result

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/19/2010 8:29:09 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100419-17
 Phantom# / Tissue Temp.: OVAL1011 / 21.7 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 512.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 5.76 (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: 5.12 mW/g (1g); 3.79 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

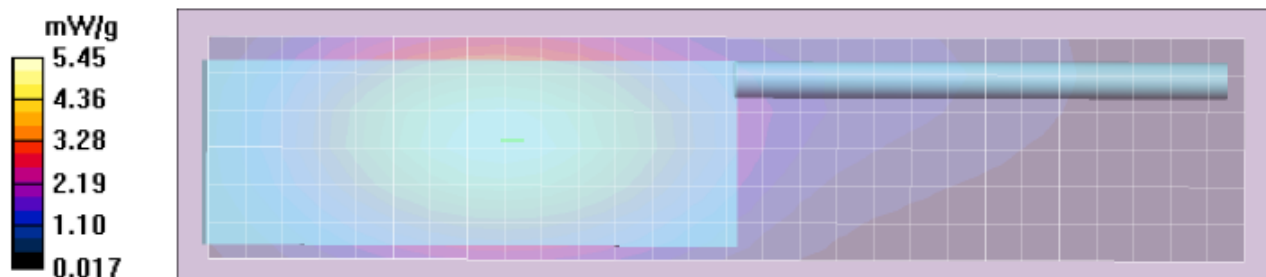
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 69.0 V/m; Power Drift = -0.0893 dB
Motorola Fast SAR: SAR(1 g) = 5.23 mW/g; SAR(10 g) = 3.88 mW/g
 Maximum value of SAR (interpolated) = 5.49 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 69.0 V/m; Power Drift = -0.126 dB
 Peak SAR (extrapolated) = 5.43 W/kg
Motorola Fast SAR: SAR(1 g) = 5.2 mW/g; SAR(10 g) = 3.84 mW/g
 Maximum value of SAR (interpolated) = 5.43 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.18 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 69.0 V/m; Power Drift = -0.283 dB
 Peak SAR (extrapolated) = 6.82 W/kg
SAR(1 g) = 5.12 mW/g; SAR(10 g) = 3.79 mW/g
 Maximum value of SAR (measured) = 5.37 mW/g



Appendix F
DUT Scans

Section 1.0

**UHF (450-520MHz)
PMAE4065A antenna and NNTN7036A battery
(Section 13.2 Table 14)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/9/2010 5:55:50 PM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100409-02
Phantom# / Tissue Temp.: OVAL1018 / 20.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 465.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.72 (W)

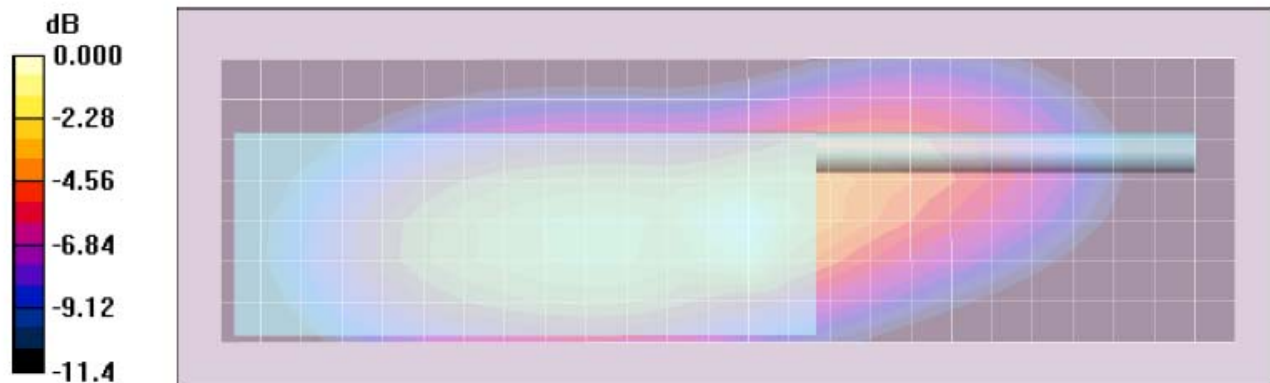
Note: Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 9.58 mW/g (1g); 5.41 mW/g (10g)

Comments: FULL SCAN

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 467 MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 70.2 V/m; Power Drift = -0.430 dB
Motorola Fast SAR: SAR(1 g) = 9.59 mW/g; SAR(10 g) = 6.37 mW/g
Maximum value of SAR (interpolated) = 10.7 mW/g
Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 70.2 V/m; Power Drift = -0.497 dB
Peak SAR (extrapolated) = 11.0 W/kg
Motorola Fast SAR: SAR(1 g) = 9.83 mW/g; SAR(10 g) = 6.17 mW/g
Maximum value of SAR (interpolated) = 11.0 mW/g
Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.96 mW/g
Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.2 V/m; Power Drift = -0.621 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 9.52 mW/g; SAR(10 g) = 5.39 mW/g
Maximum value of SAR (measured) = 10.1 mW/g



Section 2.0

**UHF (450-520MHz)
PMAE4065A antenna and NNTN7034A battery
(Section 13.2 Table 15)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/10/2010 8:25:11 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100410-06
Phantom# / Tissue Temp.: OVAL1018 / 21.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7034A
Cary Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.79 (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: 10.90 mW/g (1g); 6.47 mW/g (10g)

Comments:

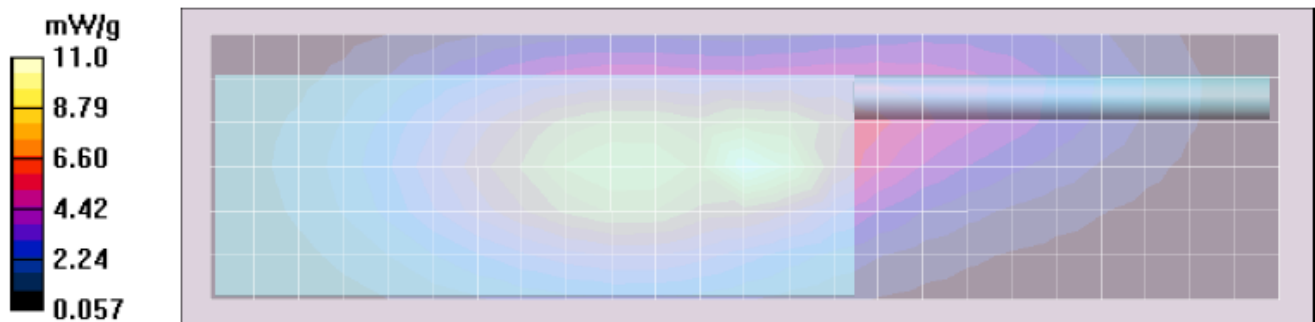
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 74.7 V/m; Power Drift = -0.296 dB
Peak SAR (extrapolated) = 20.9 W/kg
SAR(1 g) = 10.9 mW/g; SAR(10 g) = 6.47 mW/g
Maximum value of SAR (measured) = 11.6 mW/g

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 74.7 V/m; Power Drift = -0.249 dB
Motorola Fast SAR: SAR(1 g) = 10.1 mW/g; SAR(10 g) = 6.88 mW/g
Maximum value of SAR (interpolated) = 11.1 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 74.7 V/m; Power Drift = -0.269 dB
Peak SAR (extrapolated) = 12.2 W/kg
Motorola Fast SAR: SAR(1 g) = 11.2 mW/g; SAR(10 g) = 7.19 mW/g
Maximum value of SAR (interpolated) = 12.2 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 11.8 mW/g



Section 3.0

**UHF (450-520MHz)
PMAE4065A antenna and NNTN7038A battery
(Section 13.2 Table 16)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/10/2010 12:06:14 PM

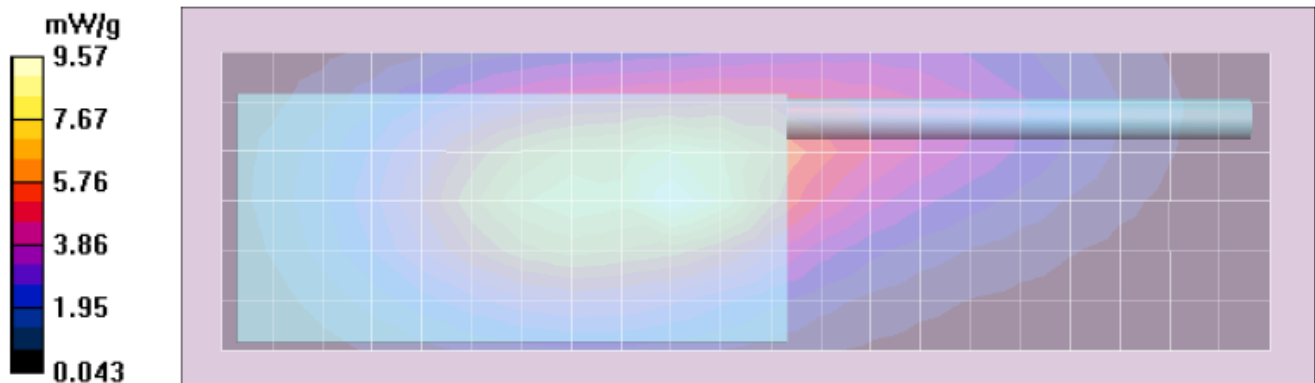
Robot# / Run#: DASY4-FL-1 / HvH-Ab-100410-12
Phantom# / Tissue Temp.: OVAL1018 / 21.8 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.80 (W)

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: 9.34 mW/g (1g); 6.08 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
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 = 75.7 V/m; Power Drift = -0.268 dB
Peak SAR (extrapolated) = 15.3 W/kg
SAR(1 g) = 9.34 mW/g; SAR(10 g) = 6.08 mW/g
Maximum value of SAR (measured) = 9.80 mW/g
Ab Scan/Area Scan (61x211x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Reference Value = 75.7 V/m; Power Drift = -0.191 dB
Motorola Fast SAR: SAR(1 g) = 9.07 mW/g; SAR(10 g) = 6.42 mW/g
Maximum value of SAR (interpolated) = 9.75 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 = 75.7 V/m; Power Drift = -0.224 dB
Peak SAR (extrapolated) = 10.2 W/kg
Motorola Fast SAR: SAR(1 g) = 9.49 mW/g; SAR(10 g) = 6.5 mW/g
Maximum value of SAR (interpolated) = 10.2 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) = 10.1 mW/g



Section 4.0

**UHF (450-520MHz)
PMAE4065A antenna and NNTN7033A battery
(Section 13.2 Table 17)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/10/2010 4:47:52 PM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100410-18
Phantom# / Tissue Temp.: OVAL1018 / 21.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.75 (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: 10.30 mW/g (1g); 6.06 mW/g (10g)

Comments: FULL SCAN

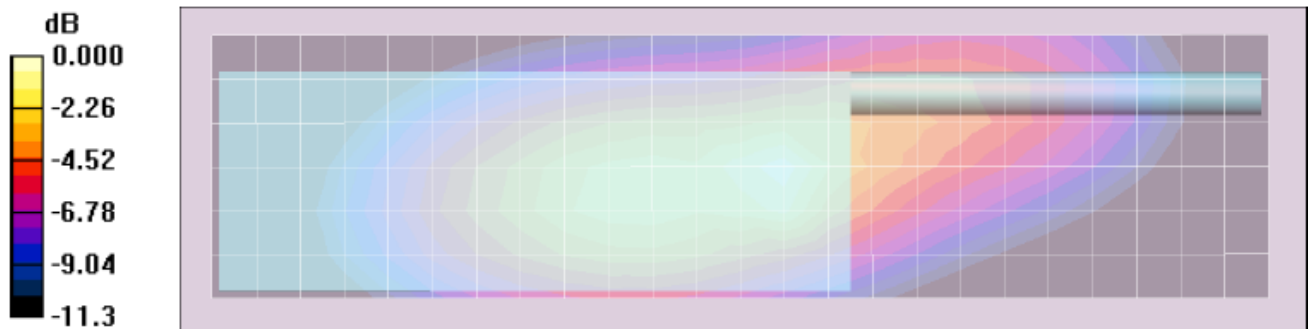
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 63.5 V/m; Power Drift = -0.187 dB
Motorola Fast SAR: SAR(1 g) = 9.74 mW/g; SAR(10 g) = 6.63 mW/g
Maximum value of SAR (interpolated) = 10.7 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 63.5 V/m; Power Drift = -0.217 dB
Peak SAR (extrapolated) = 11.5 W/kg
Motorola Fast SAR: SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.77 mW/g
Maximum value of SAR (interpolated) = 11.5 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 11.1 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 63.5 V/m; Power Drift = -0.261 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 6.06 mW/g



Section 5.0

UHF (450-520MHz)

**Antenna PMAE4065A antenna frequency search
(Section 13.2 Table 18)**

See “Body Highest SAR Configuration Result”

Section 6.0

UHF (450-520MHz)

***2.5cm separation with PMAE4065A antenna (NA for Part 90)**

(Section 13.2 Table 19)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/15/2010 6:47:08 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100415-15
 Phantom# / Tissue Temp.: OVAL1018 / 20.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAE4065A / 520.0000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: None / PMLN5275A
 Start Power: 5.69 (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: 4.42 mW/g (1g); 3.28 mW/g (10g)

Comments: Back of radio toward phantom at 2.5 cm

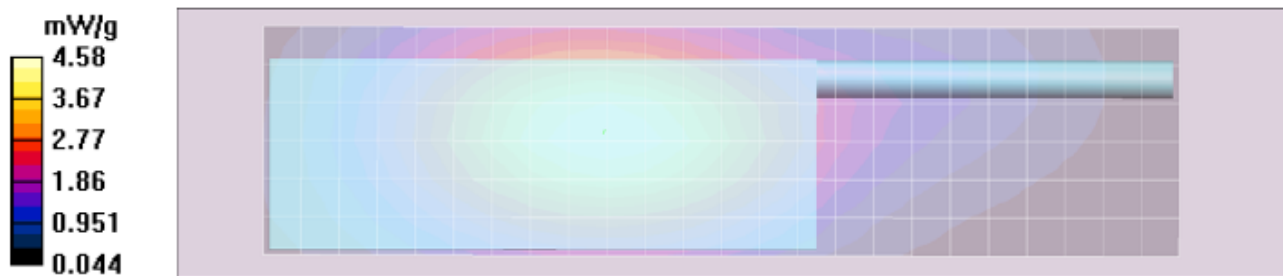
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 54.4 V/m; Power Drift = 0.0921 dB
Motorola Fast SAR: SAR(1 g) = 4.38 mW/g; SAR(10 g) = 3.25 mW/g
 Maximum value of SAR (interpolated) = 4.60 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 54.4 V/m; Power Drift = 0.0863 dB
 Peak SAR (extrapolated) = 4.65 W/kg
Motorola Fast SAR: SAR(1 g) = 4.44 mW/g; SAR(10 g) = 3.27 mW/g
 Maximum value of SAR (interpolated) = 4.65 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.63 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 54.4 V/m; Power Drift = 0.0461 dB
 Peak SAR (extrapolated) = 5.94 W/kg
SAR(1 g) = 4.42 mW/g; SAR(10 g) = 3.28 mW/g
 Maximum value of SAR (measured) = 4.65 mW/g



Section 6.0 (Continued)

**UHF (450-520MHz)
2.5cm separation with PMAE4065A antenna
(Section 13.2 Table 19)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/11/2010 8:13:03 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100511-10
Phantom# / Tissue Temp.: OVAL1016 / 20.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 512.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: None / PMLN5275A
Start Power: 5.82 (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: 3.16 mW/g (1g); 2.35 mW/g (10g)

Comments: Back of radio toward phantom at 2.5 cm

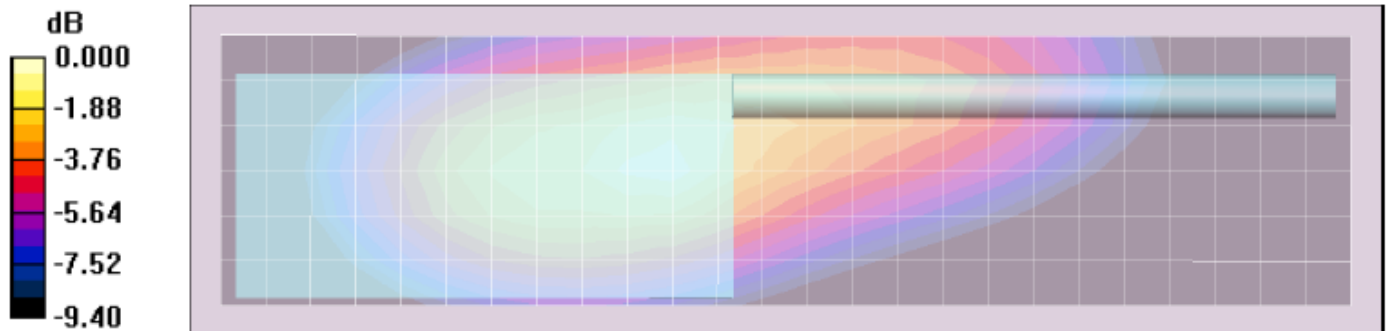
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 48.8 V/m; Power Drift = -0.116 dB
Motorola Fast SAR: SAR(1 g) = 3.21 mW/g; SAR(10 g) = 2.37 mW/g
Maximum value of SAR (interpolated) = 3.37 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 48.8 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 3.32 W/kg
Motorola Fast SAR: SAR(1 g) = 3.18 mW/g; SAR(10 g) = 2.35 mW/g
Maximum value of SAR (interpolated) = 3.32 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.31 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.8 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 4.25 W/kg
SAR(1 g) = 3.16 mW/g; SAR(10 g) = 2.35 mW/g



Section 7.0

**UHF (450-520MHz)
PMAS4000A antenna and NNTN7036A battery
(Section 13.2 Table 20)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/11/2010 1:41:55 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100411-14
Phantom# / Tissue Temp.: OVAL1018 / 21.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.72 (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: 7.91 mW/g (1g); 4.49 mW/g (10g)

Comments: Full scan.

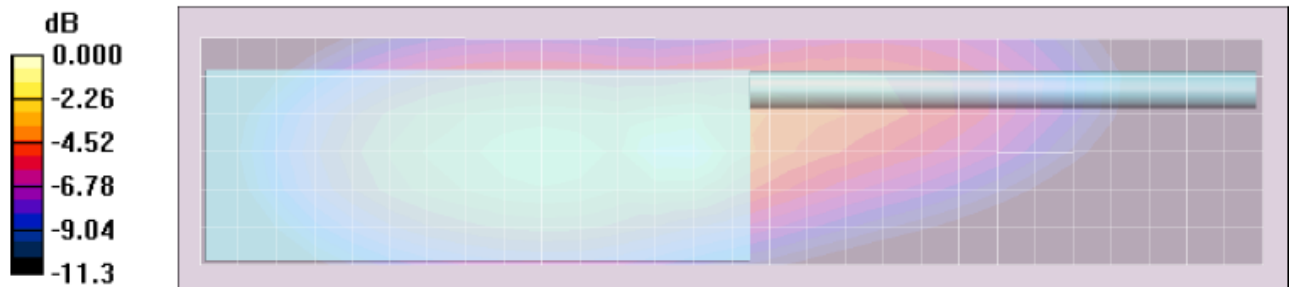
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.6 V/m; Power Drift = -0.735 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 7.91 mW/g; SAR(10 g) = 4.49 mW/g
Maximum value of SAR (measured) = 8.41 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 62.6 V/m; Power Drift = -0.548 dB
Motorola Fast SAR: SAR(1 g) = 7.31 mW/g; SAR(10 g) = 4.95 mW/g
Maximum value of SAR (interpolated) = 8.06 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 62.6 V/m; Power Drift = -0.604 dB
Peak SAR (extrapolated) = 8.98 W/kg
Motorola Fast SAR: SAR(1 g) = 8.13 mW/g; SAR(10 g) = 5.12 mW/g
Maximum value of SAR (interpolated) = 8.98 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.32 mW/g



Section 8.0

**UHF (450-520MHz)
PMAS4000A antenna and NNTN7034A battery
(Section 13.2 Table 21)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/12/2010 8:06:37 AM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100412-02
Phantom# / Tissue Temp.: OVAL1018 / 21.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.81 (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: 8.29 mW/g (1g); 4.86 mW/g (10g)

Comments: Full Scan

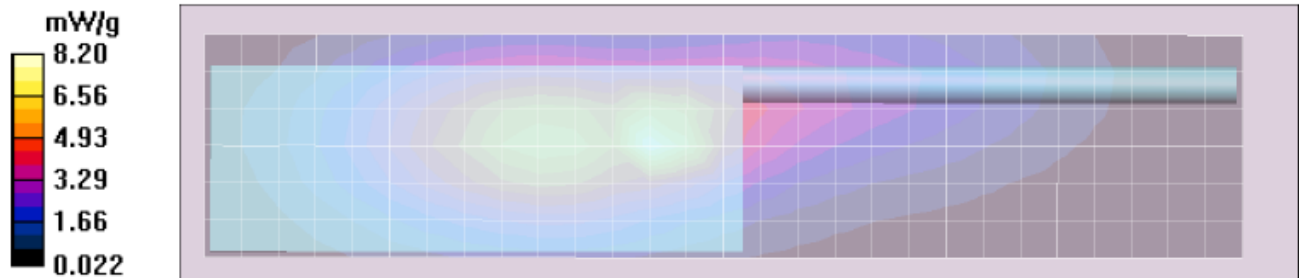
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.4 V/m; Power Drift = -0.304 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 8.29 mW/g; SAR(10 g) = 4.86 mW/g
Maximum value of SAR (measured) = 8.75 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 64.4 V/m; Power Drift = -0.227 dB
Motorola Fast SAR: SAR(1 g) = 7.63 mW/g; SAR(10 g) = 5.2 mW/g
Maximum value of SAR (interpolated) = 8.43 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 64.4 V/m; Power Drift = -0.260 dB
Peak SAR (extrapolated) = 9.23 W/kg
Motorola Fast SAR: SAR(1 g) = 8.45 mW/g; SAR(10 g) = 5.45 mW/g
Maximum value of SAR (interpolated) = 9.23 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.90 mW/g



Section 9.0

**UHF (450-520MHz)
PMAS4000A antenna and NNTN7038A battery
(Section 13.2 Table 22)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/12/2010 2:52:28 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100412-10
Phantom# / Tissue Temp.: OVAL1018 / 21.6 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 5.81 (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: 6.61 mW/g (1g); 4.28 mW/g (10g)

Comments: Full Scan

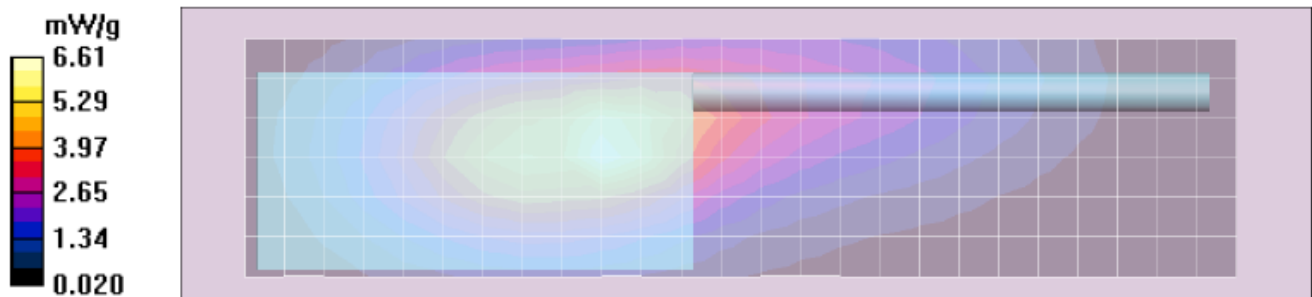
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 67.3 V/m; Power Drift = -0.252 dB
Peak SAR (extrapolated) = 10.8 W/kg
SAR(1 g) = 6.61 mW/g; SAR(10 g) = 4.28 mW/g
Maximum value of SAR (measured) = 7.08 mW/g

Ab Scan/Area Scan (61x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 67.3 V/m; Power Drift = -0.187 dB
Motorola Fast SAR: SAR(1 g) = 6.31 mW/g; SAR(10 g) = 4.48 mW/g
Maximum value of SAR (interpolated) = 6.80 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 67.3 V/m; Power Drift = -0.216 dB
Peak SAR (extrapolated) = 7.19 W/kg
Motorola Fast SAR: SAR(1 g) = 6.7 mW/g; SAR(10 g) = 4.58 mW/g
Maximum value of SAR (interpolated) = 7.19 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.17 mW/g



Section 10.0

**UHF (450-520MHz)
PMAS4000A antenna and NNTN7033A battery
(Section 13.2 Table 23)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/12/2010 12:39:55 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100412-07
Phantom# / Tissue Temp.: OVAL1018 / 21.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 5.81 (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: 7.43 mW/g (1g); 4.41 mW/g (10g)

Comments: Full Scan

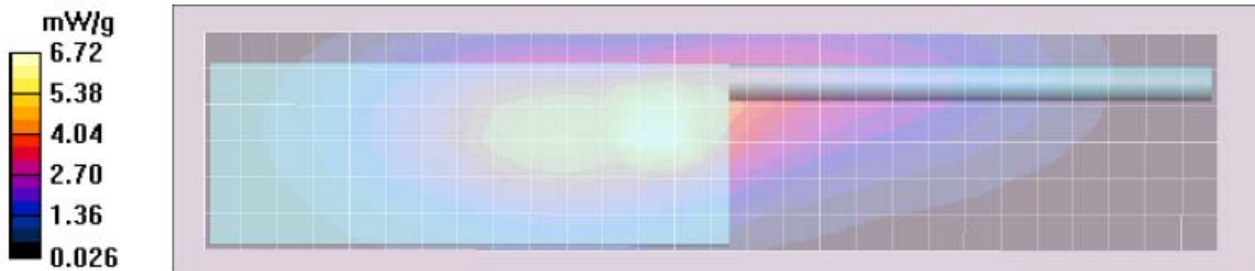
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.3 V/m; Power Drift = -0.360 dB
Peak SAR (extrapolated) = 14.0 W/kg
SAR(1 g) = 7.43 mW/g; SAR(10 g) = 4.41 mW/g
Maximum value of SAR (measured) = 8.08 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 60.3 V/m; Power Drift = -0.281 dB
Motorola Fast SAR: SAR(1 g) = 6.72 mW/g; SAR(10 g) = 4.7 mW/g
Maximum value of SAR (interpolated) = 7.35 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 60.3 V/m; Power Drift = -0.315 dB
Peak SAR (extrapolated) = 8.16 W/kg
Motorola Fast SAR: SAR(1 g) = 7.55 mW/g; SAR(10 g) = 4.92 mW/g
Maximum value of SAR (interpolated) = 8.16 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.00 mW/g



Section 11.0

**UHF (450-520MHz)
PMAS4000A antenna frequency search
(Section 13.2 Table 24)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/12/2010 3:43:55 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100412-11
Phantom# / Tissue Temp.: OVAL1018 / 21.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 450.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.82 (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: 8.94 mW/g (1g); 5.30 mW/g (10g)

Comments: Full Scan

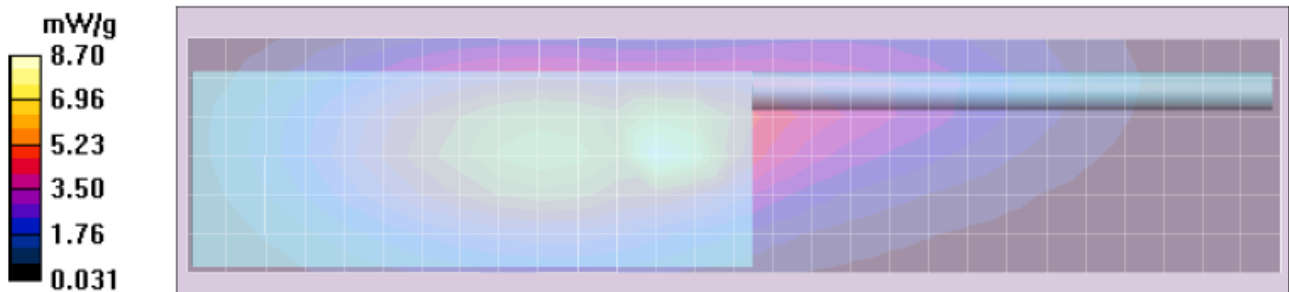
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 467$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.3 V/m; Power Drift = -0.451 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 8.93 mW/g; SAR(10 g) = 5.3 mW/g
Maximum value of SAR (measured) = 9.39 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 70.3 V/m; Power Drift = -0.337 dB
Motorola Fast SAR: SAR(1 g) = 8.17 mW/g; SAR(10 g) = 5.65 mW/g
Maximum value of SAR (interpolated) = 8.97 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 70.3 V/m; Power Drift = -0.370 dB
Peak SAR (extrapolated) = 10.1 W/kg
Motorola Fast SAR: SAR(1 g) = 9.15 mW/g; SAR(10 g) = 5.92 mW/g
Maximum value of SAR (interpolated) = 10.1 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.59 mW/g



Section 12.0

**UHF (450-520MHz)
2.5cm separation with PMAS4000A antenna
(Section 13.2 Table 25)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/15/2010 9:07:42 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100415-18
Phantom# / Tissue Temp.: OVAL1018 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 450.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / PMLN5275A
Start Power: 5.70 (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: 2.50 mW/g (1g); 1.89 mW/g (10g)

Comments: Back of radio toward phantom at 2.5 cm.

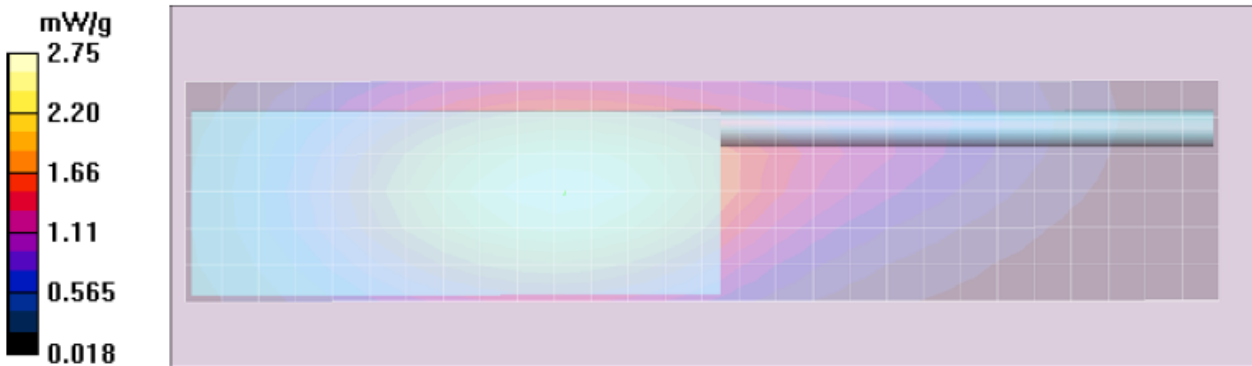
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 467$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 47.9 V/m; Power Drift = -0.401 dB
Motorola Fast SAR: SAR(1 g) = 2.62 mW/g; SAR(10 g) = 1.95 mW/g
Maximum value of SAR (interpolated) = 2.75 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 47.9 V/m; Power Drift = -0.445 dB
Peak SAR (extrapolated) = 2.66 W/kg
Motorola Fast SAR: SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.89 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) = 2.56 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.9 V/m; Power Drift = -0.565 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.89 mW/g
Maximum value of SAR (measured) = 2.62 mW/g



Section 13.0

**UHF (450-520MHz)
PSM PMMN4060A with PMAE4065A antenna and offered batteries
(Section 13.2 Table 26)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/13/2010 11:16:10 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100413-06
Phantom# / Tissue Temp.: OVAL1018 / 21.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 465.5000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 5.84 (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: 7.31 mW/g (1g); 4.66 mW/g (10g)

Comments: Full Scan

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

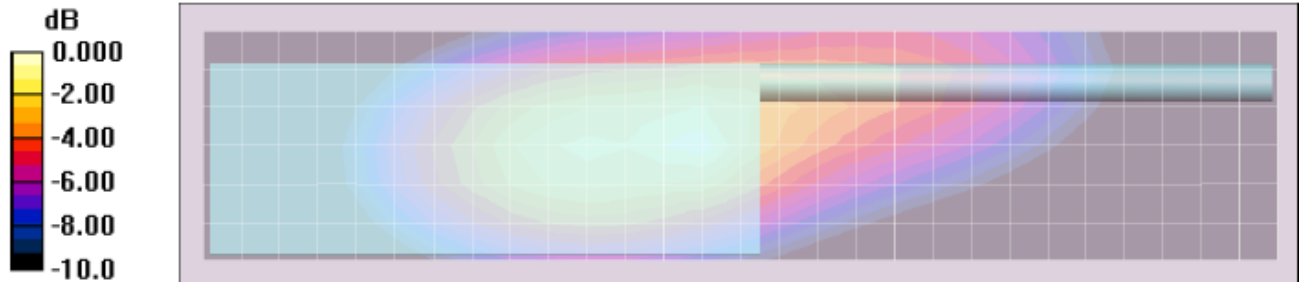
Duty Cycle: 1:1, Medium parameters used: $f = 467$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.4 V/m; Power Drift = -0.259 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 7.3 mW/g; SAR(10 g) = 4.66 mW/g
Maximum value of SAR (measured) = 7.82 mW/g

Ab Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 64.4 V/m; Power Drift = -0.190 dB
Motorola Fast SAR: SAR(1 g) = 7 mW/g; SAR(10 g) = 4.9 mW/g
Maximum value of SAR (interpolated) = 7.63 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 64.4 V/m; Power Drift = -0.210 dB
Peak SAR (extrapolated) = 7.99 W/kg
Motorola Fast SAR: SAR(1 g) = 7.41 mW/g; SAR(10 g) = 5.03 mW/g
Maximum value of SAR (interpolated) = 7.99 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.85 mW/g



Section 14.0

**UHF (450-520MHz)
PSM PMMN4060A and PMAE4065A antenna frequency search
(Section 13.2 Table 27)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/14/2010 2:59:11 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100414-09
Phantom# / Tissue Temp.: OVAL1018 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME020
Antenna / TX Freq.: PMAE4065A / 485.0000 (MHz)
Battery: NNTN7038A
Cary Acc. / Cable Acc.: 4205823V01 / PMMN4060A
Start Power: 5.67 (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: 10.80 mW/g (1g); 6.08 mW/g (10g)

Comments: Full Scan

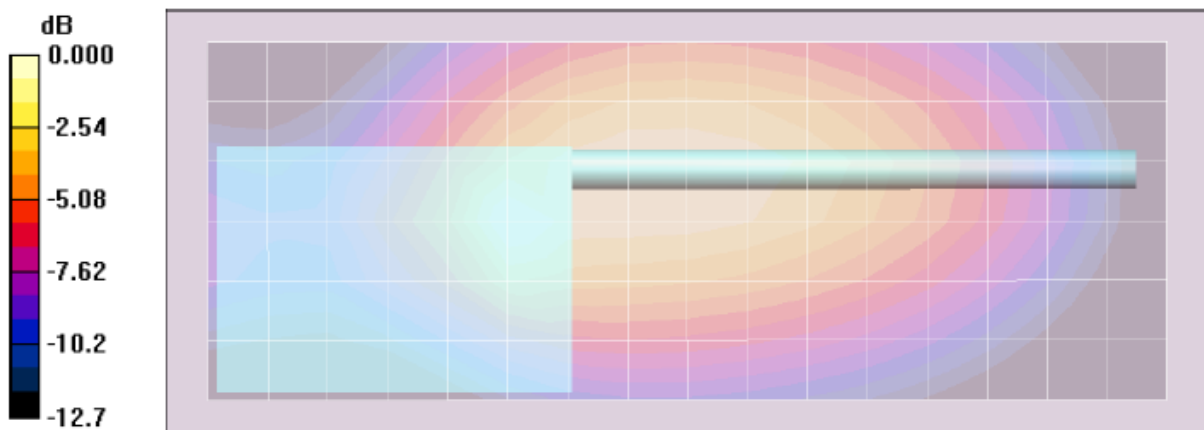
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 467$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 88.9 V/m; Power Drift = -0.288 dB
Peak SAR (extrapolated) = 24.3 W/kg
SAR(1 g) = 10.8 mW/g; SAR(10 g) = 6.08 mW/g
Maximum value of SAR (measured) = 11.2 mW/g

Ab Scan/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 88.9 V/m; Power Drift = -0.203 dB
Motorola Fast SAR: SAR(1 g) = 11 mW/g; SAR(10 g) = 6.93 mW/g
Maximum value of SAR (interpolated) = 12.8 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 88.9 V/m; Power Drift = -0.229 dB
Peak SAR (extrapolated) = 13.0 W/kg
Motorola Fast SAR: SAR(1 g) = 11.2 mW/g; SAR(10 g) = 6.78 mW/g
Maximum value of SAR (interpolated) = 13.0 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 12.2 mW/g



Section 15.0

**UHF (450-520MHz)
PSM PMMN4061A with PMAE4065A antenna and offered batteries
(Section 13.2 Table 28)**

**Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/15/2010 9:58:51 AM**

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100415-06
Phantom# / Tissue Temp.: OVAL1018 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME020
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: 4205823V01 PSM Belt Clip / PMMN4061A
Start Power: 5.69 (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: 8.99 mW/g (1g); 5.58 mW/g (10g)

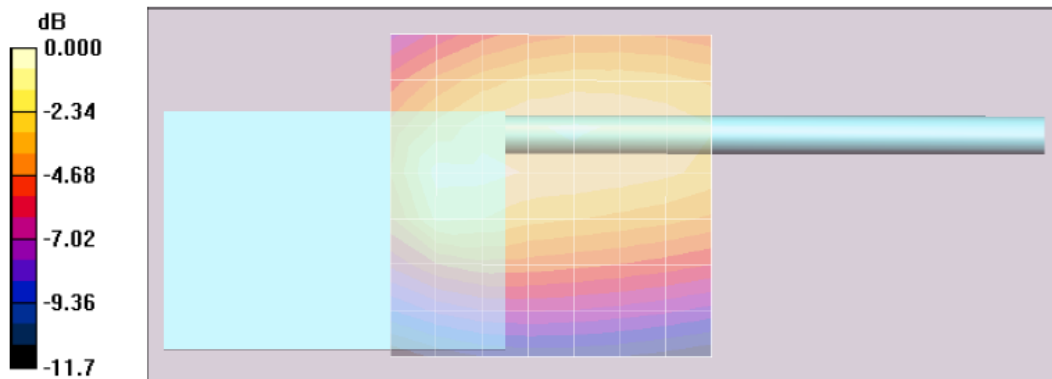
Comments: Reduced Area Scan;
Zoom: Extents=35mm; Step size=5mm; Offset=-15mm;No Volume 2D.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.8 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 8.99 mW/g; SAR(10 g) = 5.58 mW/g
Maximum value of SAR (measured) = 9.82 mW/g

Ab Scan/Area Scan (71x71x1): Measurement grid: dx=12mm, dy=12mm
Reference Value = 99.8 V/m; Power Drift = -0.090 dB
Motorola Fast SAR: SAR(1 g) = 8.63 mW/g; SAR(10 g) = 6.03 mW/g
Maximum value of SAR (interpolated) = 9.49 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 9.71 mW/g



Section 16.0

**UHF (450-520MHz)
PSM PMMN4061A and PMAE4065A antenna frequency search
(Section 13.2 Table 29)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/15/2010 4:59:13 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100415-13
Phantom# / Tissue Temp.: OVAL1018 / 20.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02O
Antenna / TX Freq.: PMAE4065A / 450.0000 (MHz)
Battery: NNIN7038A
Carry Acc. / Cable Acc.: 4205823V01 PSM Belt Clip / PMMN4061A
Start Power: 5.68 (W)

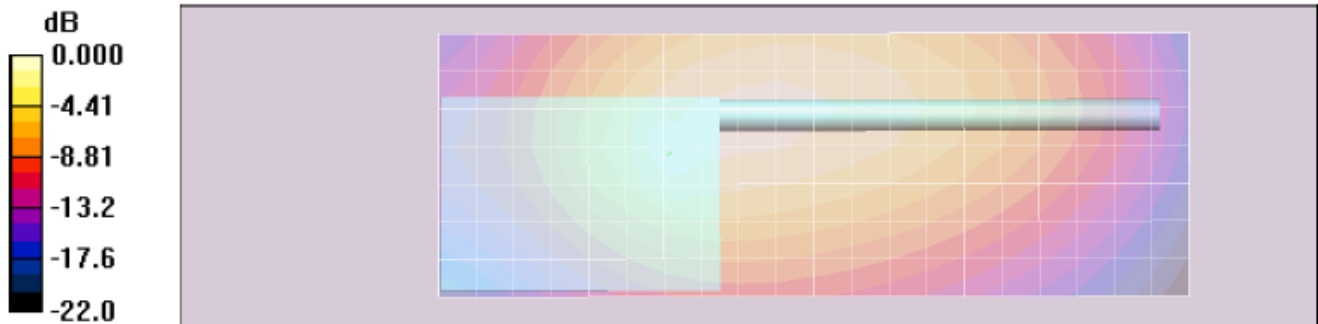
Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 9.61 mW/g (1g); 5.91 mW/g (10g)

Comments: Full Scan; Tested with Area Scan Step Size=12mm;
Zoom Extents=45mm; No Volume 2D.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.55, 6.55, 6.55)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 467 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x201x1): Measurement grid: dx=12mm, dy=12mm
Reference Value = 96.2 V/m; Power Drift = -0.0846 dB
Motorola Fast SAR: SAR(1 g) = 9.54 mW/g; SAR(10 g) = 6.35 mW/g
Maximum value of SAR (interpolated) = 11.0 mW/g
Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 10.5 mW/g
Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 96.2 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 9.61 mW/g; SAR(10 g) = 5.91 mW/g
Maximum value of SAR (measured) = 10.7 mW/g



Section 17.0

**UHF (450-520MHz)
DUT front side with PMAE4065A antenna and offered batteries
(Section 13.2 Table 30)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/16/2010 10:23:08 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100416-03
Phantom# / Tissue Temp.: OVAL1011 / 21.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.76 (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: 3.72 mW/g (1g); 2.78 mW/g (10g)

Comments: Front facing phantom.

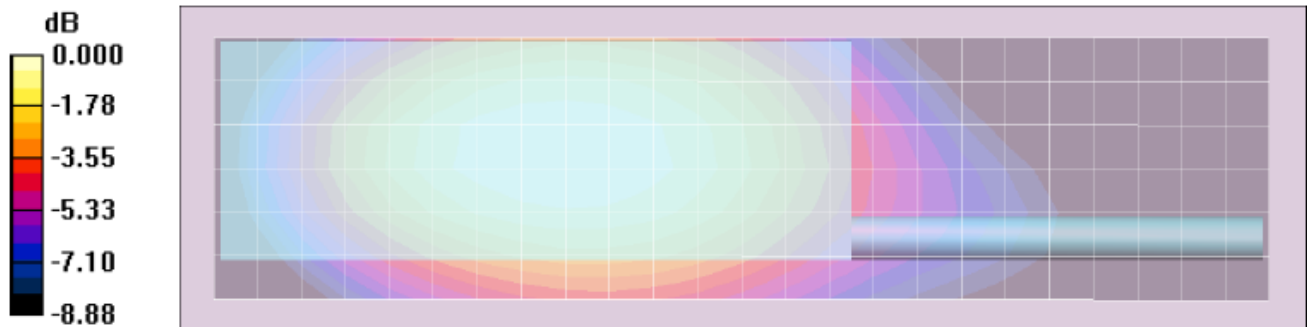
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.8 V/m; Power Drift = -0.252 dB
Peak SAR (extrapolated) = 4.95 W/kg
SAR(1 g) = 3.72 mW/g; SAR(10 g) = 2.78 mW/g
Maximum value of SAR (measured) = 3.90 mW/g

Face Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 53.8 V/m; Power Drift = -0.117 dB
Motorola Fast SAR: SAR(1 g) = 3.8 mW/g; SAR(10 g) = 2.83 mW/g
Maximum value of SAR (interpolated) = 3.99 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 53.8 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 3.94 W/kg
Motorola Fast SAR: SAR(1 g) = 3.77 mW/g; SAR(10 g) = 2.79 mW/g
Maximum value of SAR (interpolated) = 3.94 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.82 mW/g



Section 18.0

**UHF (450-520MHz)
DUT back side with PMAE4065A antenna and offered batteries
(Section 13.2 Table 31)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/16/2010 1:48:19 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100416-07
Phantom# / Tissue Temp.: OVAL1011 / 21.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.79 (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); 2.97 mW/g (10g)

Comments: Back facing phantom.

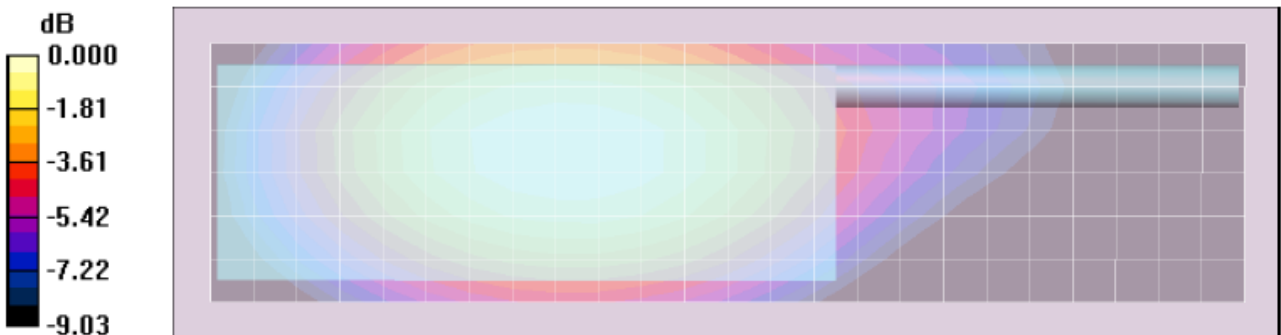
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.5 V/m; Power Drift = -0.344 dB
Peak SAR (extrapolated) = 5.37 W/kg
SAR(1 g) = 4.01 mW/g; SAR(10 g) = 2.97 mW/g
Maximum value of SAR (measured) = 4.21 mW/g

Face Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 59.5 V/m; Power Drift = -0.215 dB
Motorola Fast SAR: SAR(1 g) = 4.09 mW/g; SAR(10 g) = 3.03 mW/g
Maximum value of SAR (interpolated) = 4.29 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 59.5 V/m; Power Drift = -0.241 dB
Peak SAR (extrapolated) = 4.25 W/kg
Motorola Fast SAR: SAR(1 g) = 4.06 mW/g; SAR(10 g) = 3.01 mW/g
Maximum value of SAR (interpolated) = 4.25 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.13 mW/g



Section 19.0

UHF (450-520MHz)

**DUT front side with PMAE4065A antenna and RLN5878A audio accessory
(Section 13.2 Table 32)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/16/2010 6:46:17 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100416-12
 Phantom# / Tissue Temp.: OVAL1011 / 21.3 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 5.79 (W)

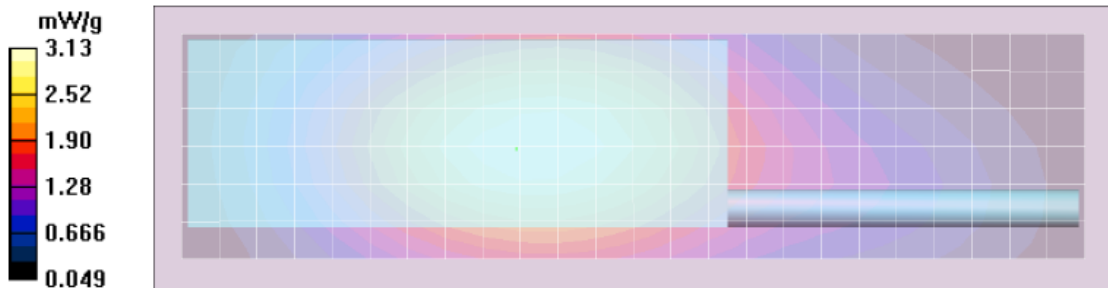
Note:
 Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 2.95 mW/g (1g); 2.22 mW/g (10g)

Comments: Front facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 50.5 V/m; Power Drift = -0.120 dB
Motorola Fast SAR: SAR(1 g) = 3 mW/g; SAR(10 g) = 2.24 mW/g
 Maximum value of SAR (interpolated) = 3.15 mW/g
Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 50.5 V/m; Power Drift = -0.137 dB
 Peak SAR (extrapolated) = 3.12 W/kg
Motorola Fast SAR: SAR(1 g) = 2.98 mW/g; SAR(10 g) = 2.22 mW/g
 Maximum value of SAR (interpolated) = 3.12 mW/g
Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.11 mW/g
Face Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 50.5 V/m; Power Drift = -0.205 dB
 Peak SAR (extrapolated) = 3.89 W/kg
SAR(1 g) = 2.95 mW/g; SAR(10 g) = 2.22 mW/g
 Maximum value of SAR (measured) = 3.09 mW/g



Section 20.0

**UHF (450-520MHz)
DUT back side with PMAE4065A antenna and RLN5878A audio accessory
(Section 13.2 Table 33)**

**Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/16/2010 10:20:57 PM**

Robot# / Run#: DASY4-FL-1 / CM-Face-100416-16
Phantom# / Tissue Temp.: OVAL1011 / 21.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7036A
Cary Acc. / Cable Acc.: None / RLN5878A
Start Power: 5.80 (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: 3.33 mW/g (1g); 2.46 mW/g (10g)

Comments: Back facing phantom.

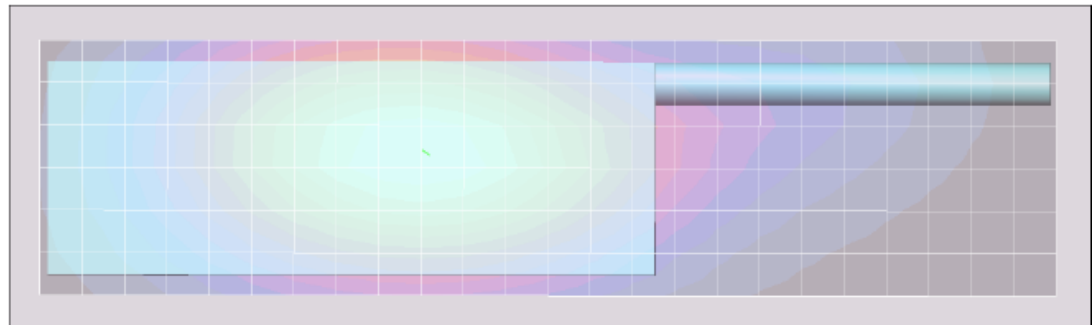
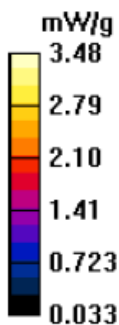
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 50.7 V/m; Power Drift = -0.174 dB
Motorola Fast SAR: SAR(1 g) = 3.37 mW/g; SAR(10 g) = 2.5 mW/g
Maximum value of SAR (interpolated) = 3.54 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 50.7 V/m; Power Drift = -0.203 dB
Peak SAR (extrapolated) = 3.52 W/kg
Motorola Fast SAR: SAR(1 g) = 3.36 mW/g; SAR(10 g) = 2.49 mW/g
Maximum value of SAR (interpolated) = 3.52 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.41 mW/g

Face Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.7 V/m; Power Drift = -0.325 dB
Peak SAR (extrapolated) = 4.48 W/kg
SAR(1 g) = 3.33 mW/g; SAR(10 g) = 2.46 mW/g
Maximum value of SAR (measured) = 3.49 mW/g



Section 21.0

**UHF (450-520MHz)
PMAE4065A antenna frequency search
(Section 13.2 Table 34)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/17/2010 11:38:41 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100417-22
Phantom# / Tissue Temp.: OVAL1011 / 21.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAE4065A / 512.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.80 (W)

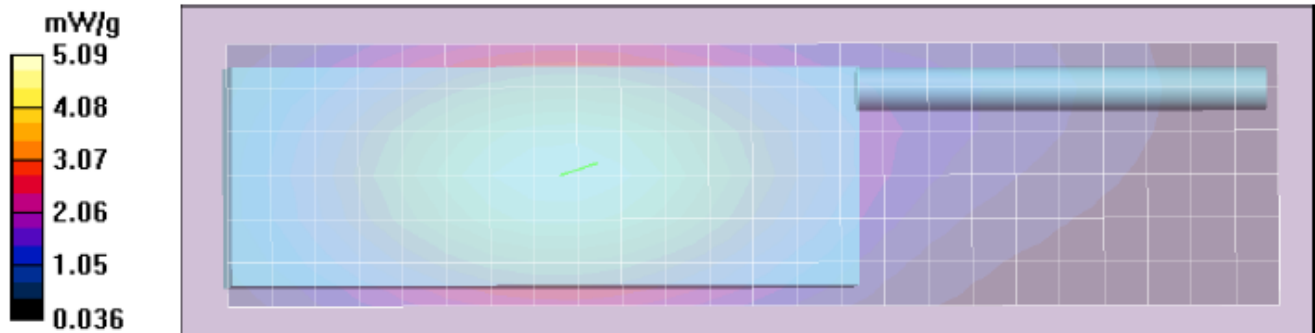
Note:
Prior to recording the reported SAR values below, the measured SAR values were corrected for tissue frequencies from 136 MHz to 3 GHz.

Reported: 4.82 mW/g (1g); 3.57 mW/g (10g)

Comments: Back facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 60.8 V/m; Power Drift = -0.0633 dB
Motorola Fast SAR: SAR(1 g) = 4.87 mW/g; SAR(10 g) = 3.61 mW/g
Maximum value of SAR (interpolated) = 5.12 mW/g
Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 60.8 V/m; Power Drift = -0.0838 dB
Peak SAR (extrapolated) = 5.07 W/kg
Motorola Fast SAR: SAR(1 g) = 4.85 mW/g; SAR(10 g) = 3.59 mW/g
Maximum value of SAR (interpolated) = 5.07 mW/g
Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.02 mW/g
Face Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.8 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 6.47 W/kg
SAR(1 g) = 4.82 mW/g; SAR(10 g) = 3.57 mW/g
Maximum value of SAR (measured) = 5.06 mW/g



Section 22.0

**UHF (450-520MHz)
DUT front side with PMAS4000A antenna and offered batteries
(Section 13.2 Table 35)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/18/2010 10:40:48 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100418-20
Phantom# / Tissue Temp.: OVAL1011 / 21.8 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.79 (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: 3.50 mW/g (1g); 2.62 mW/g (10g)

Comments: Front of DUT Facing Phantom.

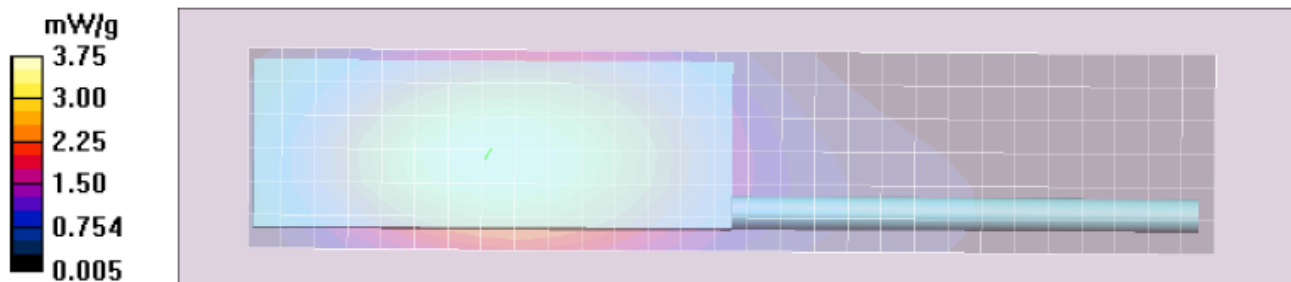
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x291x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 59.3 V/m; Power Drift = -0.0717 dB
Motorola Fast SAR: SAR(1 g) = 3.61 mW/g; SAR(10 g) = 2.69 mW/g
Maximum value of SAR (interpolated) = 3.79 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 59.3 V/m; Power Drift = -0.0966 dB
Peak SAR (extrapolated) = 3.74 W/kg
Motorola Fast SAR: SAR(1 g) = 3.58 mW/g; SAR(10 g) = 2.65 mW/g
Maximum value of SAR (interpolated) = 3.74 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.62 mW/g

Face Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.3 V/m; Power Drift = -0.230 dB
Peak SAR (extrapolated) = 4.65 W/kg
SAR(1 g) = 3.5 mW/g; SAR(10 g) = 2.62 mW/g
Maximum value of SAR (measured) = 3.66 mW/g



Section 23.0

**UHF (450-520MHz)
DUT back side with PMAS4000A antenna and offered batteries
(Section 13.2 Table 36)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/19/2010 8:28:28 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100419-03
Phantom# / Tissue Temp.: OVAL1011 / 21.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.81 (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: 3.94 mW/g (1g); 2.93 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

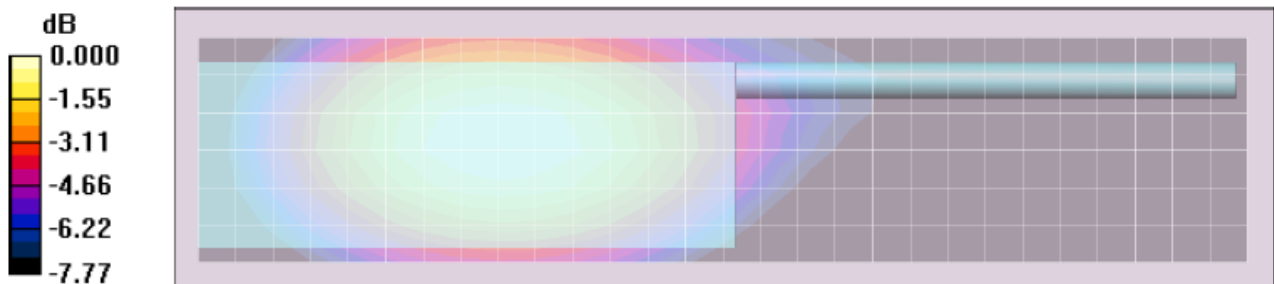
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

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 = 60.3 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 5.26 W/kg
SAR(1 g) = 3.94 mW/g; SAR(10 g) = 2.93 mW/g
Maximum value of SAR (measured) = 4.15 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Reference Value = 60.3 V/m; Power Drift = -0.146 dB
Motorola Fast SAR: SAR(1 g) = 4.02 mW/g; SAR(10 g) = 2.98 mW/g
Maximum value of SAR (interpolated) = 4.22 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 = 60.3 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 4.16 W/kg
Motorola Fast SAR: SAR(1 g) = 3.98 mW/g; SAR(10 g) = 2.95 mW/g
Maximum value of SAR (interpolated) = 4.16 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) = 4.14 mW/g



Section 24.0

**UHF (450-520MHz)
DUT front side with PMAS4000A antenna and RLN5878A audio accessory
(Section 13.2 Table 37)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/19/2010 11:58:53 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100419-07
Phantom# / Tissue Temp.: OVAL1011 / 21.5 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / RLN5878A
Start Power: 5.83 (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: 2.63 mW/g (1g); 1.98 mW/g (10g)

Comments: Full Scan; Front facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

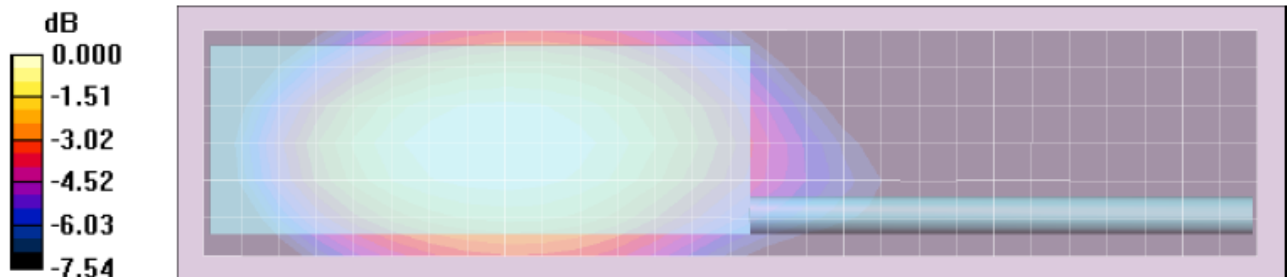
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.8 V/m; Power Drift = -0.225 dB
Peak SAR (extrapolated) = 3.46 W/kg
SAR(1 g) = 2.63 mW/g; SAR(10 g) = 1.98 mW/g
Maximum value of SAR (measured) = 2.76 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 45.8 V/m; Power Drift = -0.159 dB
Motorola Fast SAR: SAR(1 g) = 2.71 mW/g; SAR(10 g) = 2.02 mW/g
Maximum value of SAR (interpolated) = 2.85 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 45.8 V/m; Power Drift = -0.168 dB
Peak SAR (extrapolated) = 2.78 W/kg
Motorola Fast SAR: SAR(1 g) = 2.66 mW/g; SAR(10 g) = 1.98 mW/g
Maximum value of SAR (interpolated) = 2.78 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.73 mW/g



Section 25.0

UHF (450-520MHz)

**DUT back side with PMAS4000A antenna and RLN5878A audio accessory
(Section 13.2 Table 38)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/19/2010 3:53:31 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100419-12
 Phantom# / Tissue Temp.: OVAL1011 / 21.7 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 502.5000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 5.82 (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: 2.81 mW/g (1g); 2.08 mW/g (10g)

Comments: Full Scan; Back facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009

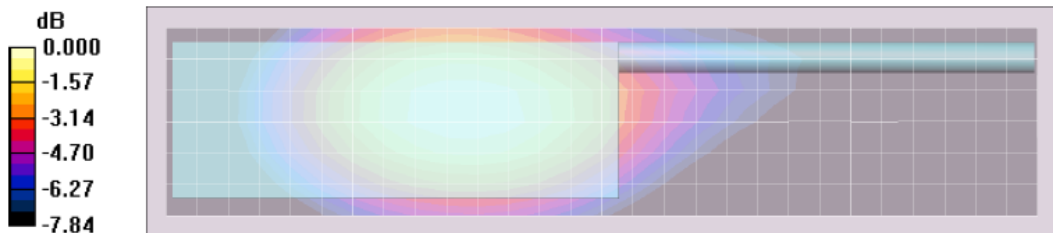
Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 48.5 V/m; Power Drift = -0.193 dB
 Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.81 mW/g; SAR(10 g) = 2.08 mW/g
 Maximum value of SAR (measured) = 2.96 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 48.5 V/m; Power Drift = -0.165 dB
Motorola Fast SAR: SAR(1 g) = 2.84 mW/g; SAR(10 g) = 2.11 mW/g
 Maximum value of SAR (interpolated) = 2.98 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 48.5 V/m; Power Drift = -0.184 dB
 Peak SAR (extrapolated) = 2.96 W/kg
Motorola Fast SAR: SAR(1 g) = 2.83 mW/g; SAR(10 g) = 2.09 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) = 2.94 mW/g



Section 26.0

**UHF (450-520MHz)
PMAS4000A antenna frequency search
(Section 13.2 Table 39)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/19/2010 8:29:09 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100419-17
Phantom# / Tissue Temp.: OVAL1011 / 21.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 512.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 5.76 (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: 5.12 mW/g (1g); 3.79 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

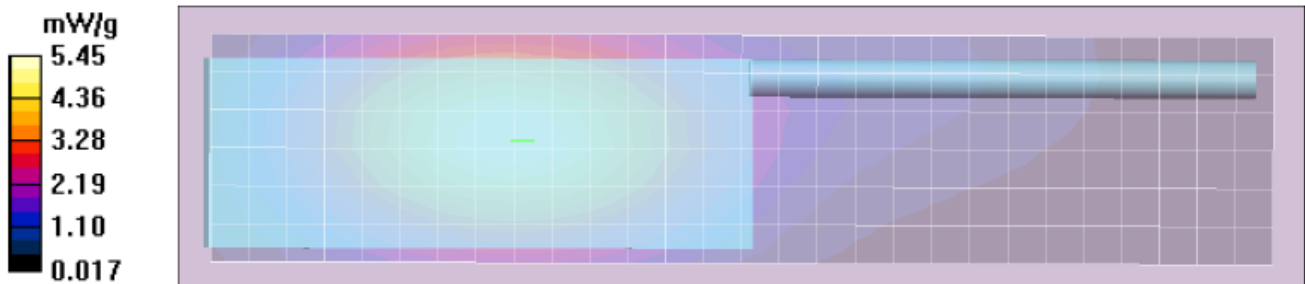
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 69.0 V/m; Power Drift = -0.0893 dB
Motorola Fast SAR: SAR(1 g) = 5.23 mW/g; SAR(10 g) = 3.88 mW/g
Maximum value of SAR (interpolated) = 5.49 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 69.0 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 5.43 W/kg
Motorola Fast SAR: SAR(1 g) = 5.2 mW/g; SAR(10 g) = 3.84 mW/g
Maximum value of SAR (interpolated) = 5.43 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.18 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 69.0 V/m; Power Drift = -0.283 dB
Peak SAR (extrapolated) = 6.82 W/kg
SAR(1 g) = 5.12 mW/g; SAR(10 g) = 3.79 mW/g
Maximum value of SAR (measured) = 5.37 mW/g



Section 26.0 (Continued)

UHF (450-520MHz)

***PMAS4000A antenna frequency search (NA for Part 90)
(Section 13.2 Table 39)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/19/2010 9:28:06 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100419-18
 Phantom# / Tissue Temp.: OVAL1011 / 21.7 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 520.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 5.76 (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: 5.12 mW/g (1g); 3.80 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

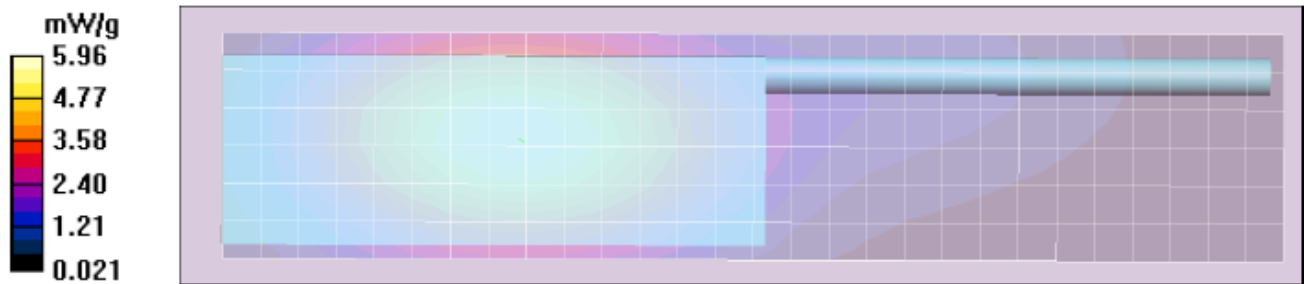
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 503$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 77.3 V/m; Power Drift = -0.886 dB
Motorola Fast SAR: SAR(1 g) = 5.73 mW/g; SAR(10 g) = 4.25 mW/g
 Maximum value of SAR (interpolated) = 6.01 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 77.3 V/m; Power Drift = -0.978 dB
 Peak SAR (extrapolated) = 5.54 W/kg
Motorola Fast SAR: SAR(1 g) = 5.3 mW/g; SAR(10 g) = 3.92 mW/g
 Maximum value of SAR (interpolated) = 5.54 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.27 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 77.3 V/m; Power Drift = -1.15 dB
 Peak SAR (extrapolated) = 6.82 W/kg
SAR(1 g) = 5.12 mW/g; SAR(10 g) = 3.8 mW/g
 Maximum value of SAR (measured) = 5.37 mW/g



Section 27.0

**UHF (450-520MHz)
PSM PMMN4061A with PMAE4065A antenna and offered batteries
(Section 13.2 Table 40)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/20/2010 1:05:44 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100420-08
Phantom# / Tissue Temp.: OVAL1011 / 21.3 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME020
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / PMMN4061A
Start Power: 5.65 (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: 3.97 mW/g (1g); 2.90 mW/g (10g)

Comments: Full Scan; Front facing phantom.

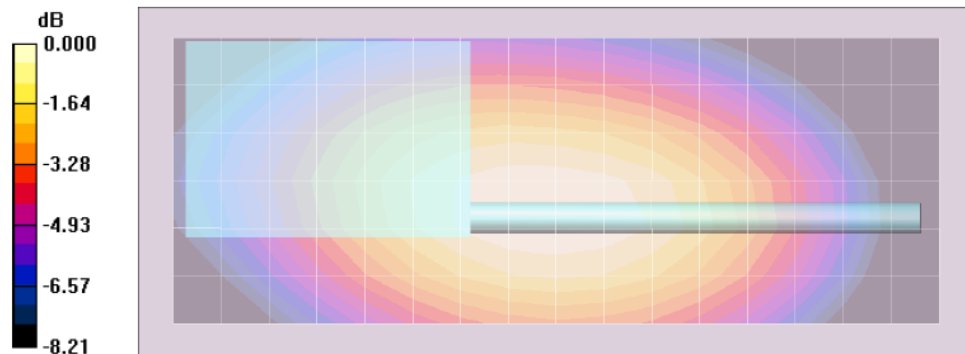
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.0 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 5.36 W/kg
SAR(1 g) = 3.97 mW/g; SAR(10 g) = 2.9 mW/g
Maximum value of SAR (measured) = 4.17 mW/g

Face Scan/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 64.0 V/m; Power Drift = -0.154 dB
Motorola Fast SAR: SAR(1 g) = 4.04 mW/g; SAR(10 g) = 2.99 mW/g
Maximum value of SAR (interpolated) = 4.25 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 64.0 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 4.20 W/kg
Motorola Fast SAR: SAR(1 g) = 4.02 mW/g; SAR(10 g) = 2.96 mW/g
Maximum value of SAR (interpolated) = 4.20 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.14 mW/g



Section 28.0

**UHF (450-520MHz)
PSM PMMN4061A with PMAE4065A antenna frequency search
(Section 13.2 Table 41)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/20/2010 3:30:09 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100420-12
Phantom# / Tissue Temp.: OVAL1011 / 21.2 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME020
Antenna / TX Freq.: PMAE4065A / 512.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: None / PMMN4061A
Start Power: 5.68 (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); 2.91 mW/g (10g)

Comments: Full Scan; Front facing phantom.

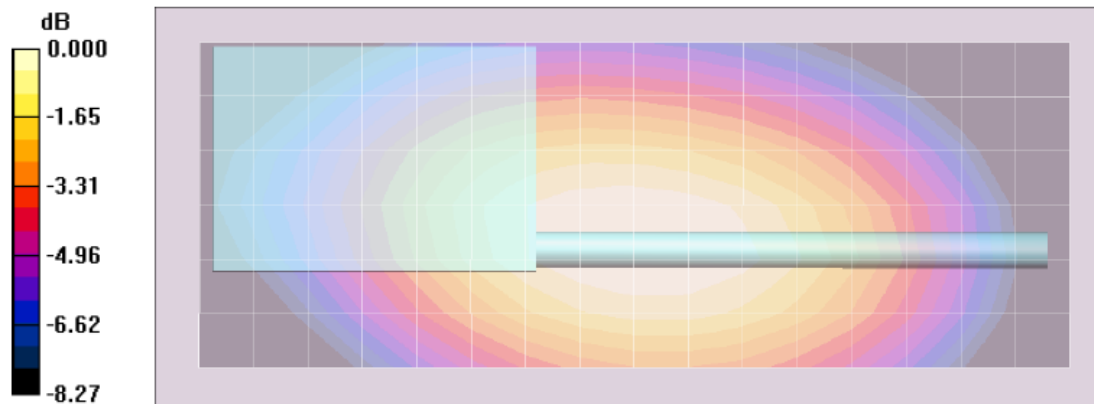
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.8 V/m; Power Drift = -0.319 dB
Peak SAR (extrapolated) = 5.37 W/kg
SAR(1 g) = 3.98 mW/g; SAR(10 g) = 2.91 mW/g
Maximum value of SAR (measured) = 4.19 mW/g

Face Scan/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 65.8 V/m; Power Drift = -0.231 dB
Motorola Fast SAR: SAR(1 g) = 4.15 mW/g; SAR(10 g) = 3.06 mW/g
Maximum value of SAR (interpolated) = 4.36 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 65.8 V/m; Power Drift = -0.267 dB
Peak SAR (extrapolated) = 4.25 W/kg
Motorola Fast SAR: SAR(1 g) = 4.05 mW/g; SAR(10 g) = 2.98 mW/g
Maximum value of SAR (interpolated) = 4.25 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.17 mW/g



Section 29.0

**UHF (450-520MHz)
PSM PMMN4060A with PMAE4065A antenna and offered batteries
(Section 13.2 Table 42)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/20/2010 8:22:44 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100420-20
Phantom# / Tissue Temp.: OVAL1011 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME020
Antenna / TX Freq.: PMAE4065A / 502.5000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / PMMN4060A
Start Power: 5.70 (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: 5.06 mW/g (1g); 3.70 mW/g (10g)

Comments: Full Scan; Front facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009

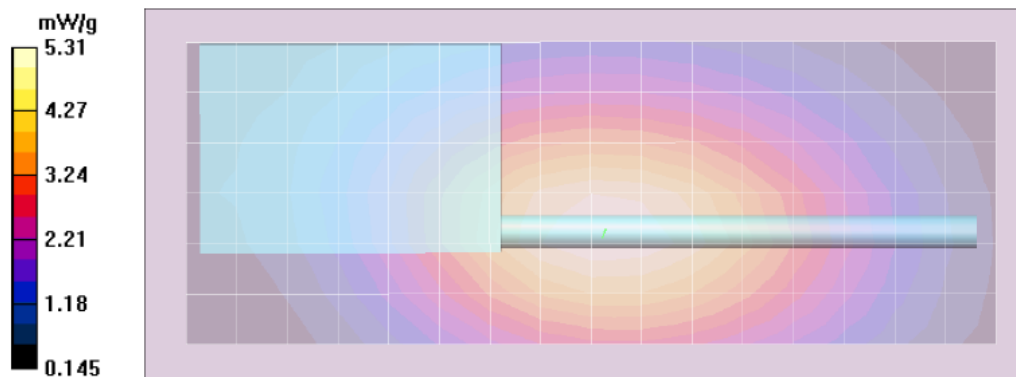
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 72.6 V/m; Power Drift = -0.0522 dB
Motorola Fast SAR: SAR(1 g) = 5.12 mW/g; SAR(10 g) = 3.77 mW/g
Maximum value of SAR (interpolated) = 5.38 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 72.6 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 5.36 W/kg
Motorola Fast SAR: SAR(1 g) = 5.11 mW/g; SAR(10 g) = 3.76 mW/g
Maximum value of SAR (interpolated) = 5.36 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.33 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.6 V/m; Power Drift = -0.0854 dB
Peak SAR (extrapolated) = 6.83 W/kg
SAR(1 g) = 5.06 mW/g; SAR(10 g) = 3.7 mW/g
Maximum value of SAR (measured) = 5.34 mW/g



Section 30.0

**UHF (450-520MHz)
PSM PMMN4060A with PMAE4065A antenna frequency search
(Section 13.2 Table 43)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/21/2010 9:34:22 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100421-02
Phantom# / Tissue Temp.: OVAL1011 / 21.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME020
Antenna / TX Freq.: PMAE4065A / 512.0000 (MHz)
Battery: NNIN7038A
Carry Acc. / Cable Acc.: None / PMMN4060A
Start Power: 5.70 (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: 4.77 mW/g (1g); 3.46 mW/g (10g)

Comments: Full Scan; Front facing phantom.

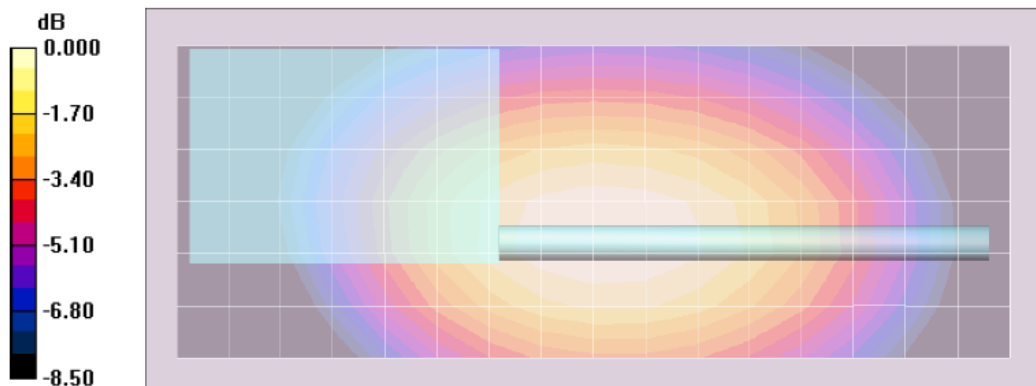
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(6.08, 6.08, 6.08)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 503 MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 69.9 V/m; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 6.49 W/kg
SAR(1 g) = 4.77 mW/g; SAR(10 g) = 3.46 mW/g
Maximum value of SAR (measured) = 5.03 mW/g

Face Scan/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 69.9 V/m; Power Drift = -0.134 dB
Motorola Fast SAR: SAR(1 g) = 4.9 mW/g; SAR(10 g) = 3.61 mW/g
Maximum value of SAR (interpolated) = 5.16 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 69.9 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 5.08 W/kg
Motorola Fast SAR: SAR(1 g) = 4.85 mW/g; SAR(10 g) = 3.56 mW/g
Maximum value of SAR (interpolated) = 5.08 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.02 mW/g



Section 31.0

**(764 - 775 MHz band)
NAF5085A antenna and NNTN7036A battery
(Section 13.4 Table 44)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/21/2010 2:41:02 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100421-07
Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 3.01 (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: 3.03 mW/g (1g); 1.96 mW/g (10g)

Comments: Full Scan.

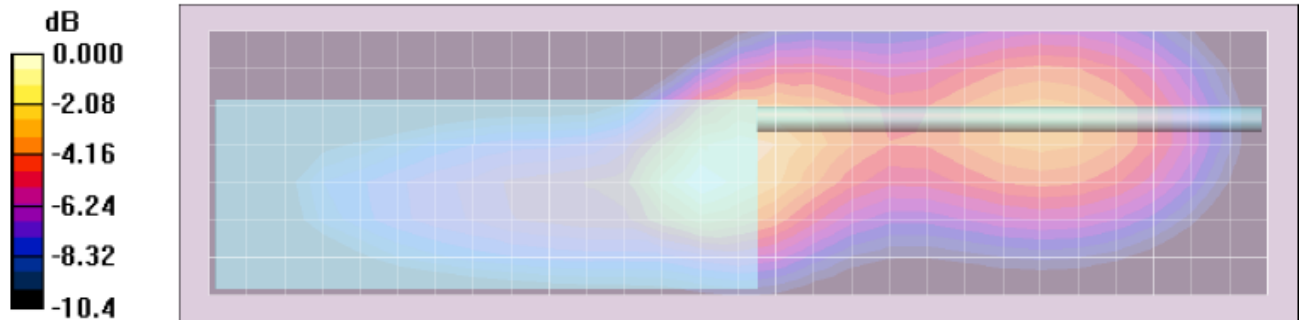
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_t = 54$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.8 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 4.81 W/kg
SAR(1 g) = 2.95 mW/g; SAR(10 g) = 1.93 mW/g
Maximum value of SAR (measured) = 3.17 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 45.8 V/m; Power Drift = -0.107 dB
Motorola Fast SAR: SAR(1 g) = 2.96 mW/g; SAR(10 g) = 1.97 mW/g
Maximum value of SAR (interpolated) = 3.27 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 45.8 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 3.32 W/kg
Motorola Fast SAR: SAR(1 g) = 3.01 mW/g; SAR(10 g) = 1.96 mW/g
Maximum value of SAR (interpolated) = 3.32 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.17 mW/g



Section 32.0

**(764 - 775 MHz band)
NAF5085A antenna and NNTN7034A battery
(Section 13.4 Table 45)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/21/2010 4:53:51 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100421-10
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
Battery: NNTN7034A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 3.01 (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: 3.26 mW/g (1g); 2.06 mW/g (10g)

Comments: Full Scan.

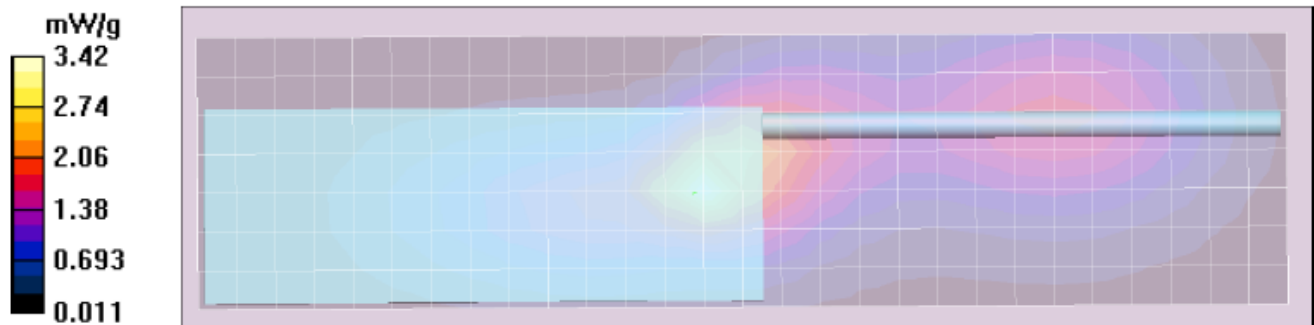
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.1 V/m; Power Drift = -0.0193 dB
Motorola Fast SAR: SAR(1 g) = 3.14 mW/g; SAR(10 g) = 2.07 mW/g
Maximum value of SAR (interpolated) = 3.47 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 = -0.0444 dB
Peak SAR (extrapolated) = 3.55 W/kg
Motorola Fast SAR: SAR(1 g) = 3.23 mW/g; SAR(10 g) = 2.09 mW/g
Maximum value of SAR (interpolated) = 3.55 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.41 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.1 V/m; Power Drift = -0.0589 dB
Peak SAR (extrapolated) = 5.17 W/kg
SAR(1 g) = 3.17 mW/g; SAR(10 g) = 2.03 mW/g
Maximum value of SAR (measured) = 3.36 mW/g



Section 33.0

(764 - 775 MHz band)
NAF5085A antenna and NNTN7038A battery
 (Section 13.4 Table 46)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/21/2010 7:38:14 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100421-14
 Phantom# / Tissue Temp.: OVAL1019 / 21.2 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 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: 3.63 mW/g (1g); 2.05 mW/g (10g)

Comments: Full Scan.

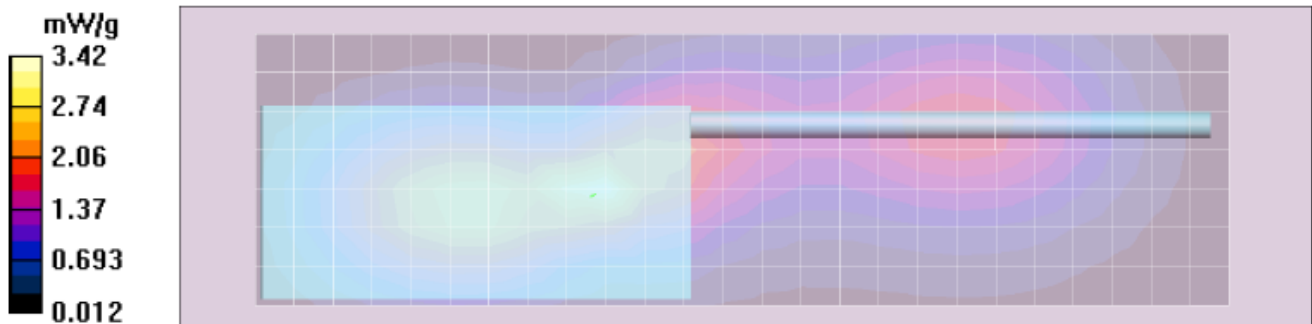
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 44.6 V/m; Power Drift = 0.018 dB
Motorola Fast SAR: SAR(1 g) = 3.12 mW/g; SAR(10 g) = 2.04 mW/g
 Maximum value of SAR (interpolated) = 3.47 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 44.6 V/m; Power Drift = -0.0274 dB
 Peak SAR (extrapolated) = 4.08 W/kg
Motorola Fast SAR: SAR(1 g) = 3.6 mW/g; SAR(10 g) = 2.18 mW/g
 Maximum value of SAR (interpolated) = 4.08 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.80 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 44.6 V/m; Power Drift = -0.0611 dB
 Peak SAR (extrapolated) = 6.75 W/kg
SAR(1 g) = 3.53 mW/g; SAR(10 g) = 2.02 mW/g
 Maximum value of SAR (measured) = 3.75 mW/g



Section 34.0

**(764 - 775 MHz band)
NAF5085A antenna and NNTN7033A battery
(Section 13.4 Table 47)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/21/2010 10:10:33 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100421-17
Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 2.99 (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: 3.23 mW/g (1g); 2.12 mW/g (10g)

Comments: Full Scan.

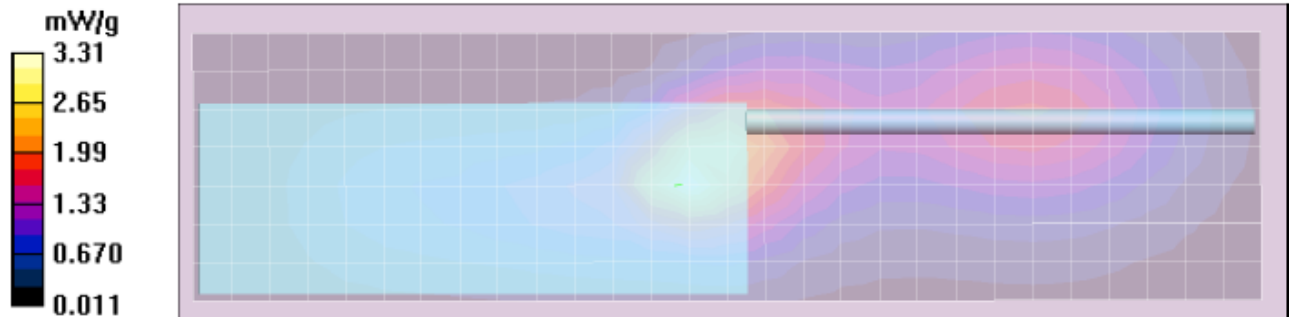
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.9 V/m; Power Drift = -0.0259 dB
Motorola Fast SAR: SAR(1 g) = 3.13 mW/g; SAR(10 g) = 2.12 mW/g
Maximum value of SAR (interpolated) = 3.41 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 = -0.0363 dB
Peak SAR (extrapolated) = 3.49 W/kg
Motorola Fast SAR: SAR(1 g) = 3.2 mW/g; SAR(10 g) = 2.12 mW/g
Maximum value of SAR (interpolated) = 3.49 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 3.38 mW/g

Ab Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.9 V/m; Power Drift = -0.0632 dB
Peak SAR (extrapolated) = 4.99 W/kg
SAR(1 g) = 3.14 mW/g; SAR(10 g) = 2.09 mW/g
Maximum value of SAR (measured) = 3.40 mW/g



Section 35.0

(764 - 775 MHz band)
NAF5085A antenna frequency search
Test frequency outside FCC frequency allocation
(Section 13.4 Table 48)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/22/2010 8:58:36 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100422-02
 Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 764.0125 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.01 (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: 3.91 mW/g (1g); 2.23 mW/g (10g)

Comments: Full Scan.

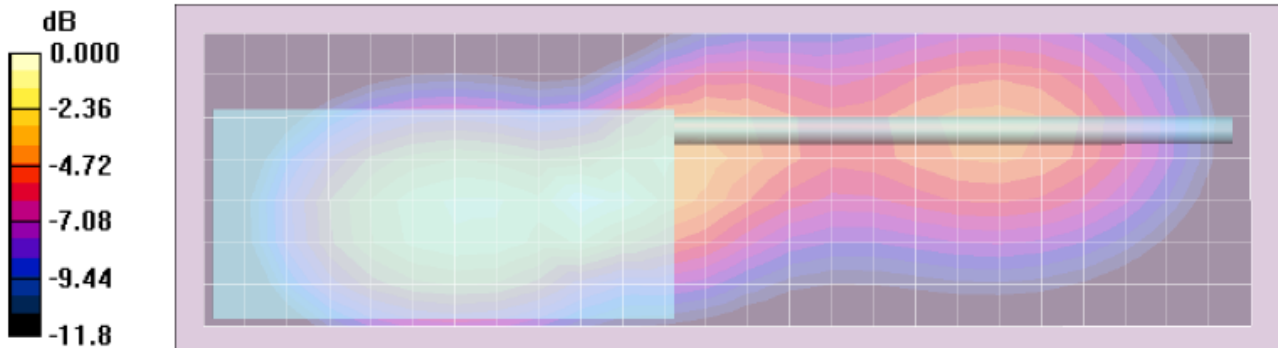
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 46.4 V/m; Power Drift = -0.0702 dB
 Peak SAR (extrapolated) = 7.21 W/kg
 SAR(1 g) = 3.81 mW/g; SAR(10 g) = 2.19 mW/g
 Maximum value of SAR (measured) = 4.04 mW/g

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 46.4 V/m; Power Drift = -0.0414 dB
 Motorola Fast SAR: SAR(1 g) = 3.51 mW/g; SAR(10 g) = 2.24 mW/g
 Maximum value of SAR (interpolated) = 3.96 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 46.4 V/m; Power Drift = -0.075 dB
 Peak SAR (extrapolated) = 4.41 W/kg
 Motorola Fast SAR: SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2.36 mW/g
 Maximum value of SAR (interpolated) = 4.41 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.18 mW/g



Section 36.0

**(764 - 775 MHz band)
2.5cm separation with NAF5085A antenna
Test frequency outside FCC frequency allocation**

(Section 13.4 Table 49)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/22/2010 12:06:25 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100422-06
Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 764.0125 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.02 (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: 1.15 mW/g (1g); .86 mW/g (10g)

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

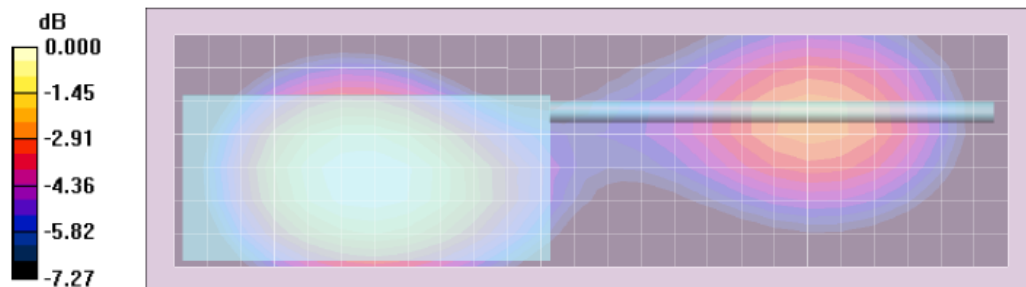
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.1 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.850 mW/g
Maximum value of SAR (measured) = 1.17 mW/g

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 28.1 V/m; Power Drift = -0.113 dB
Motorola Fast SAR: SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.815 mW/g
Maximum value of SAR (interpolated) = 1.19 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 28.1 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 1.18 W/kg
Motorola Fast SAR: SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.809 mW/g
Maximum value of SAR (interpolated) = 1.18 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.17 mW/g



Section 37.0

(764 - 775 MHz band)
PMAS4000A antenna and NNTN7036A battery
 (Section 13.4 Table 50)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/24/2010 1:25:46 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100424-14
 Phantom# / Tissue Temp.: OVAL1019 / 21.1 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
 Start Power: 3.02 (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: 1.40 mW/g (1g); 1.03 mW/g (10g)

Comments: Full Scan.

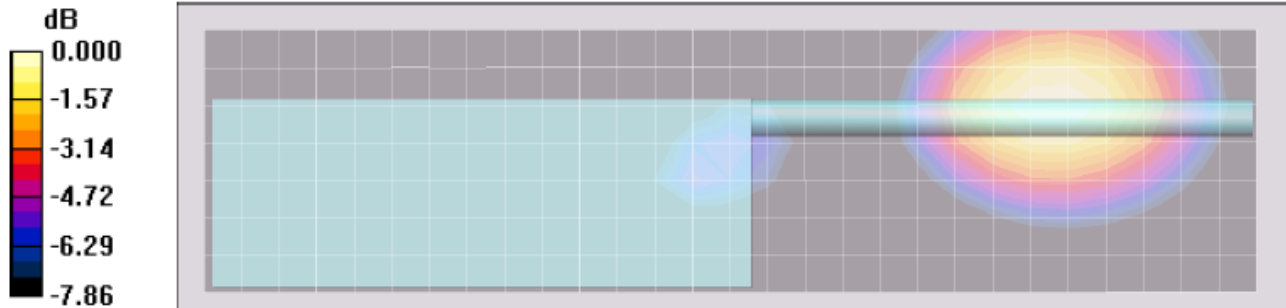
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 39.9 V/m; Power Drift = -0.0829 dB
 Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 1.01 mW/g
 Maximum value of SAR (measured) = 1.44 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 39.9 V/m; Power Drift = -0.0459 dB
Motorola Fast SAR: SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.982 mW/g
 Maximum value of SAR (interpolated) = 1.46 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 39.9 V/m; Power Drift = -0.057 dB
 Peak SAR (extrapolated) = 1.44 W/kg
Motorola Fast SAR: SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.974 mW/g
 Maximum value of SAR (interpolated) = 1.44 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.44 mW/g



Section 38.0

(764 - 775 MHz band)
PMAS4000A antenna and NNTN7034A battery
(Section 13.4 Table 51)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/24/2010 3:33:51 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100424-17
 Phantom# / Tissue Temp.: OVAL1019 / 21.2 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
 Battery: NNTN7034A
 Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
 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: 1.39 mW/g (1g); 1.01 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: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

Reference Value = 39.8 V/m; Power Drift = -0.0356 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.995 mW/g

Maximum value of SAR (measured) = 1.42 mW/g

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 39.8 V/m; Power Drift = -0.0153 dB

Motorola Fast SAR: SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.966 mW/g

Maximum value of SAR (interpolated) = 1.44 mW/g

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

Reference Value = 39.8 V/m; Power Drift = -0.0191 dB

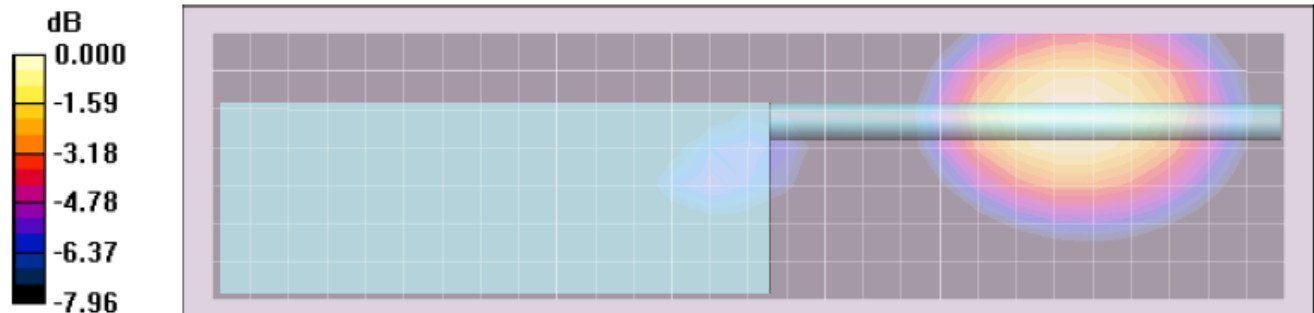
Peak SAR (extrapolated) = 1.43 W/kg

Motorola Fast SAR: SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.961 mW/g

Maximum value of SAR (interpolated) = 1.43 mW/g

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

Maximum value of SAR (measured) = 1.42 mW/g



Section 39.0

**(764 - 775 MHz band)
PMAS4000A antenna and NNTN7038A battery
(Section 13.4 Table 52)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/24/2010 7:31:55 PM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100424-20
Phantom# / Tissue Temp.: OVAL1019 / 21.3 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
Start Power: 3.00 (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: 1.28 mW/g (1g); 0.937 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

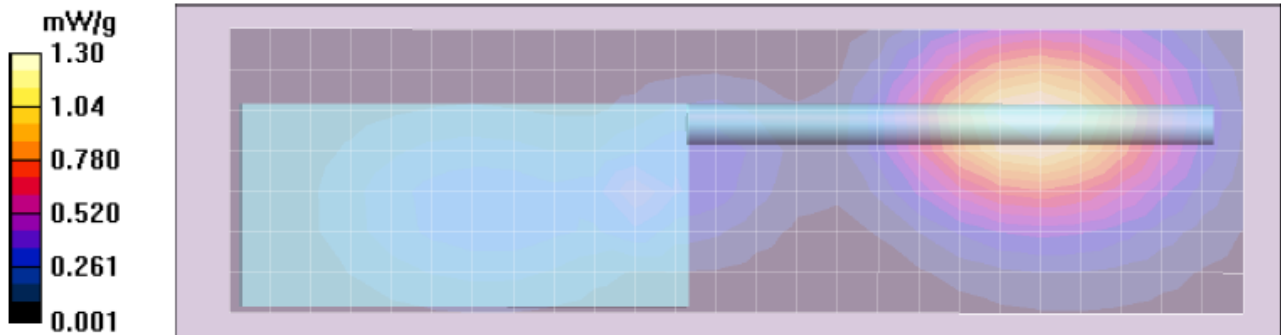
Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x251x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 37.3 V/m; Power Drift = -0.119 dB
Motorola Fast SAR: SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.895 mW/g
Maximum value of SAR (interpolated) = 1.33 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 37.3 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 1.31 W/kg
Motorola Fast SAR: SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.885 mW/g
Maximum value of SAR (interpolated) = 1.31 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.31 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.3 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.922 mW/g



Section 40.0

**(764 - 775 MHz band)
PMAS4000A antenna and NNTN7033A battery
(Section 13.4 Table 53)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/24/2010 9:23:32 PM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100424-23
Phantom# / Tissue Temp.: OVAL1019 / 21.2 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
Battery: NNTN7033A
Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
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: 1.40 mW/g (1g); 1.03 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

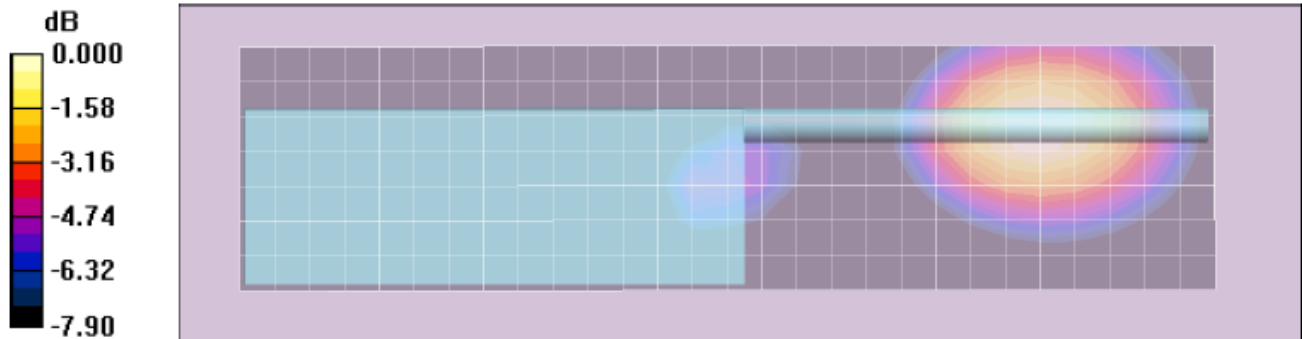
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 40.0 V/m; Power Drift = -0.0842 dB
Motorola Fast SAR: SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.980 mW/g
Maximum value of SAR (interpolated) = 1.46 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 40.0 V/m; Power Drift = -0.0948 dB
Peak SAR (extrapolated) = 1.44 W/kg
Motorola Fast SAR: SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.976 mW/g
Maximum value of SAR (interpolated) = 1.44 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.44 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.0 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 1.01 mW/g



Section 41.0

(764 - 775 MHz band)
PMAS4000A antenna Frequency Search
Test frequency outside FCC frequency allocation
(Section 13.4 Table 54)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/25/2010 12:10:38 AM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100424-27
 Phantom# / Tissue Temp.: OVAL1019 / 21.2 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 775.9875 (MHz)
 Battery: NNTN7033A
 Carry Acc. / Cable Acc.: NTN8266B / PMLN5275A
 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: 1.45 mW/g (1g); 1.06 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

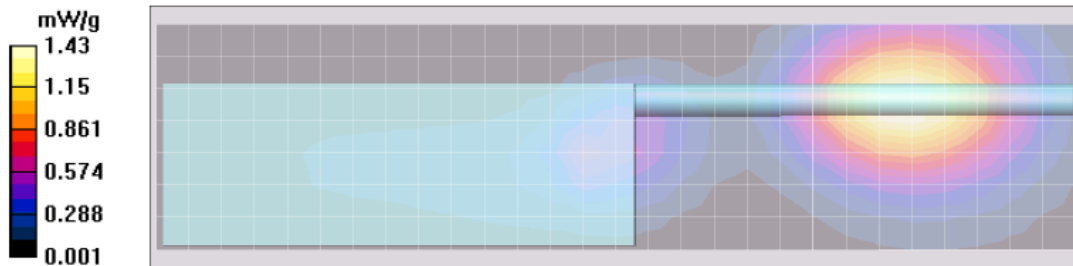
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 40.7 V/m; Power Drift = -0.0753 dB
Motorola Fast SAR: SAR(1 g) = 1.42 mW/g; SAR(10 g) = 1.01 mW/g
 Maximum value of SAR (interpolated) = 1.50 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 40.7 V/m; Power Drift = -0.0844 dB
 Peak SAR (extrapolated) = 1.49 W/kg
Motorola Fast SAR: SAR(1 g) = 1.41 mW/g; SAR(10 g) = 1 mW/g
 Maximum value of SAR (interpolated) = 1.49 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.48 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 40.7 V/m; Power Drift = -0.103 dB
 Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 1.04 mW/g
 Maximum value of SAR (measured) = 1.49 mW/g



Section 42.0

(764 - 775 MHz band)
2.5cm separation with PMAS4000A antenna
 Test frequency outside FCC frequency allocation
 (Section 13.4 Table 55)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/25/2010 1:13:11 AM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-100424-28
 Phantom# / Tissue Temp.: OVAL1019 / 21.2 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 775.9875 (MHz)
 Battery: NNIN7033A
 Carry Acc. / Cable Acc.: None / PMLN5275A
 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: 2.08 mW/g (1g); 1.49 mW/g (10g)

Comments: Full Scan.; Back of radio antenna @ 2.5 cm. from phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009

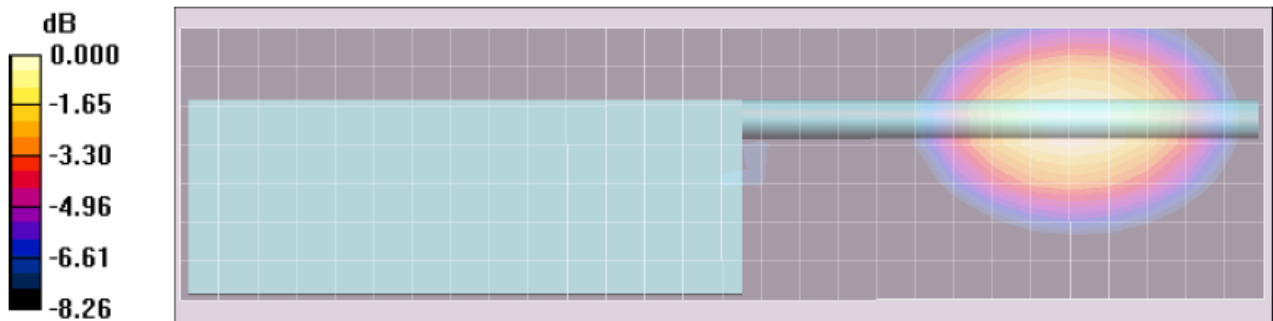
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ab Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 48.4 V/m; Power Drift = -0.145 dB
Motorola Fast SAR: SAR(1 g) = 2.05 mW/g; SAR(10 g) = 1.45 mW/g
 Maximum value of SAR (interpolated) = 2.18 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 48.4 V/m; Power Drift = -0.160 dB
 Peak SAR (extrapolated) = 2.14 W/kg
Motorola Fast SAR: SAR(1 g) = 2.04 mW/g; SAR(10 g) = 1.44 mW/g
 Maximum value of SAR (interpolated) = 2.14 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.13 mW/g

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 48.4 V/m; Power Drift = -0.181 dB
 Peak SAR (extrapolated) = 2.67 W/kg
SAR(1 g) = 2.02 mW/g; SAR(10 g) = 1.47 mW/g
 Maximum value of SAR (measured) = 2.14 mW/g



Section 43.0

**(764-770MHz band)
PSM PMMN4061A with PMAF4002A antenna and offered batteries
(Section 13.4 Table 56)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/26/2010 3:15:15 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100426-12
Phantom# / Tissue Temp.: OVAL1019 / 21.6 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 770.0000 (MHz)
Battery: NNTN7036A
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: 6.65 mW/g (1g); 4.35 mW/g (10g)

Comments: Full Scan.Area step size = 12mm.

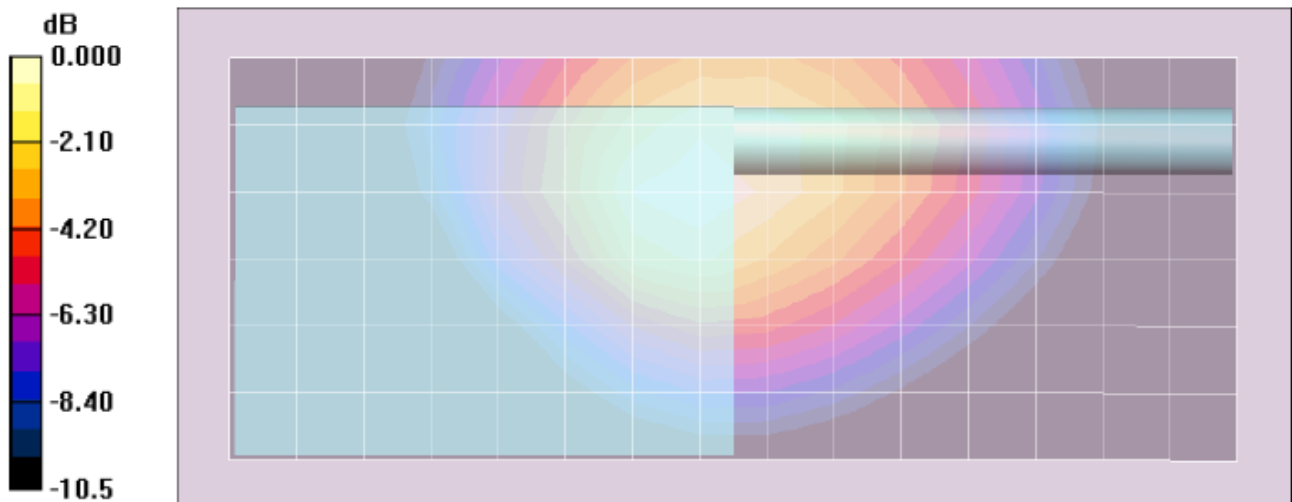
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.1 V/m; Power Drift = -0.0479 dB
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 6.47 mW/g; SAR(10 g) = 4.28 mW/g
Maximum value of SAR (measured) = 6.78 mW/g

Ab Scan/Area Scan (61x151x1): Measurement grid: dx=12mm, dy=12mm
Reference Value = 61.1 V/m; Power Drift = -0.0417 dB
Motorola Fast SAR: SAR(1 g) = 6.28 mW/g; SAR(10 g) = 4.28 mW/g
Maximum value of SAR (interpolated) = 6.74 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 61.1 V/m; Power Drift = -0.0464 dB
Peak SAR (extrapolated) = 7.55 W/kg
Motorola Fast SAR: SAR(1 g) = 6.62 mW/g; SAR(10 g) = 4.34 mW/g
Maximum value of SAR (interpolated) = 7.55 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.11 mW/g



Section 44.0

(764 - 775 MHz band)
PSM PMMN4061A with PMAF4002A antenna frequency search
Test frequency outside FCC frequency allocation
(Section 13.4 Table 57)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/11/2010 1:02:09 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100511-06
 Phantom# / Tissue Temp.: OVAL1019 / 20.4 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q05ME0D5
 Antenna / TX Freq.: PMAF4002A / 775.9875 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4061A
 Start Power: 2.92 (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: 7.96 mW/g (1g); 5.24 mW/g (10g)

Comments: Full scan.

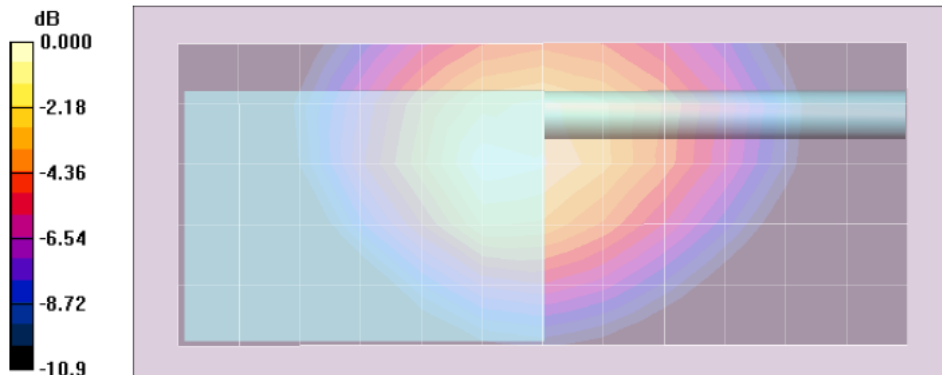
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Ab Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 65.4 V/m; Power Drift = 0.00286 dB
 Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 7.75 mW/g; SAR(10 g) = 5.16 mW/g
 Maximum value of SAR (measured) = 8.29 mW/g

Ab Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 65.4 V/m; Power Drift = 0.005 dB
Motorola Fast SAR: SAR(1 g) = 7.64 mW/g; SAR(10 g) = 5.15 mW/g
 Maximum value of SAR (interpolated) = 8.41 mW/g

Ab Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 65.4 V/m; Power Drift = 0.000522 dB
 Peak SAR (extrapolated) = 8.68 W/kg
Motorola Fast SAR: SAR(1 g) = 7.87 mW/g; SAR(10 g) = 5.21 mW/g
 Maximum value of SAR (interpolated) = 8.68 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 8.50 mW/g



Section 45.0

(764 - 775 MHz band)
PSM PMMN4060A with PMAF4002A antenna and offered batteries
 (Section 13.4 Table 58)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/27/2010 10:52:58 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100427-05
 Phantom# / Tissue Temp.: OVAL1019 / 20.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 770.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4060A
 Start Power: 3.01 (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: 5.00 mW/g (1g); 3.30 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: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

Reference Value = 54.3 V/m; Power Drift = -0.0522 dB

Peak SAR (extrapolated) = 7.64 W/kg

SAR(1 g) = 4.87 mW/g; SAR(10 g) = 3.25 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) = 5.27 mW/g

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

Reference Value = 54.3 V/m; Power Drift = -0.0454 dB

Motorola Fast SAR: SAR(1 g) = 4.92 mW/g; SAR(10 g) = 3.27 mW/g

Maximum value of SAR (interpolated) = 5.48 mW/g

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

Reference Value = 54.3 V/m; Power Drift = -0.0352 dB

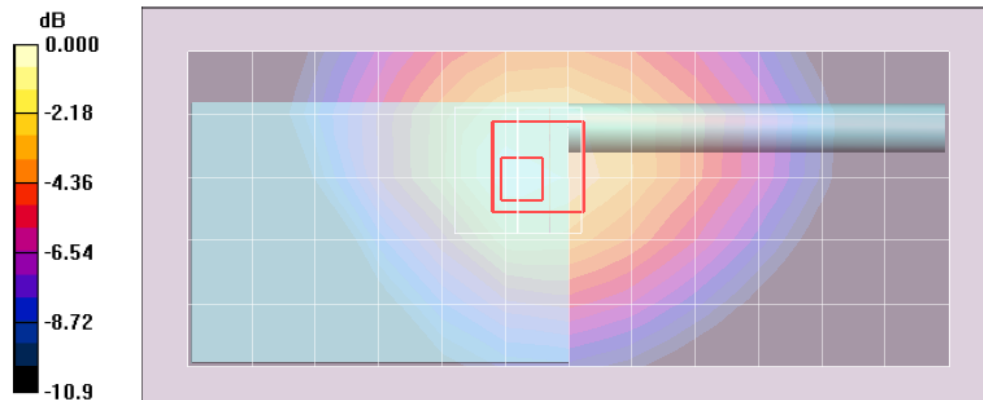
Peak SAR (extrapolated) = 5.44 W/kg

Motorola Fast SAR: SAR(1 g) = 4.92 mW/g; SAR(10 g) = 3.25 mW/g

Maximum value of SAR (interpolated) = 5.44 mW/g

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

Maximum value of SAR (measured) = 5.35 mW/g



Section 46.0

(764 - 775 MHz band)

PSM PMMN4060A with PMAF4002A antenna Frequency search

Test frequency outside FCC frequency allocation

(Section 13.4 Table 59)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/27/2010 12:33:51 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100427-09
 Phantom# / Tissue Temp.: OVAL1019 / 21.0 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 764.0125 (MHz)
 Battery: NNIN7036A
 Carry Acc. / Cable Acc.: 4205823V01 / PMMN4060A
 Start Power: 3.01 (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: 5.76 mW/g (1g); 3.79 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: $f = 770$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

Reference Value = 57.7 V/m; Power Drift = -0.0674 dB

Peak SAR (extrapolated) = 8.81 W/kg

SAR(1 g) = 5.61 mW/g; SAR(10 g) = 3.73 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) = 6.08 mW/g

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

Reference Value = 57.7 V/m; Power Drift = -0.0375 dB

Motorola Fast SAR: SAR(1 g) = 5.71 mW/g; SAR(10 g) = 3.78 mW/g

Maximum value of SAR (interpolated) = 6.38 mW/g

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

Reference Value = 57.7 V/m; Power Drift = -0.0497 dB

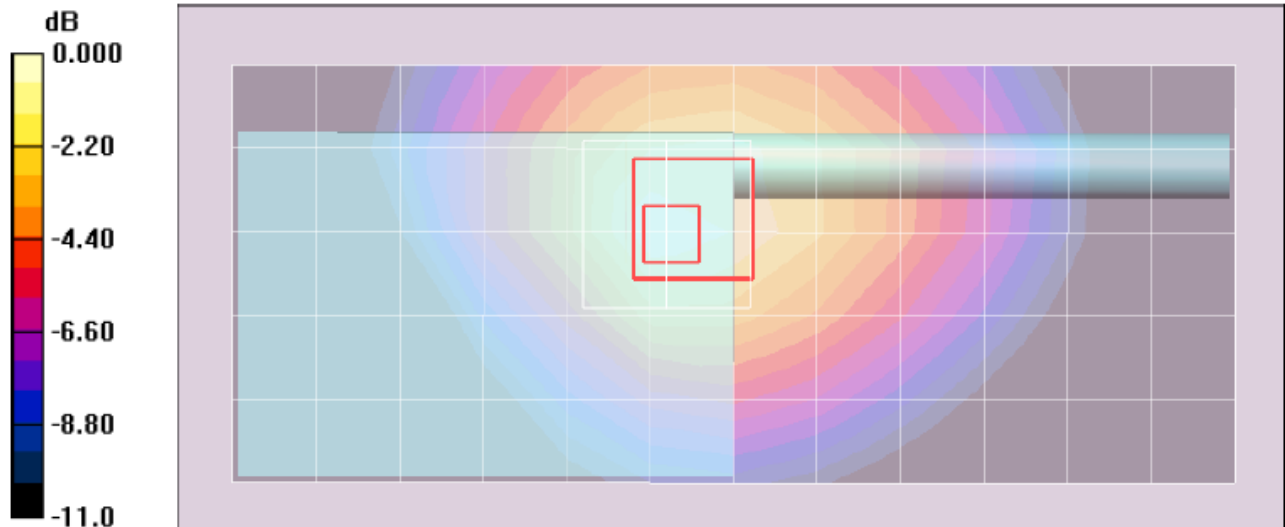
Peak SAR (extrapolated) = 6.30 W/kg

Motorola Fast SAR: SAR(1 g) = 5.7 mW/g; SAR(10 g) = 3.76 mW/g

Maximum value of SAR (interpolated) = 6.30 mW/g

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

Maximum value of SAR (measured) = 6.16 mW/g



Section 47.0

**(764 - 775 MHz band)
DUT front side with NAF5085A antenna and offered batteries
(Section 13.4 Table 60)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/27/2010 8:37:46 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100427-24
Phantom# / Tissue Temp.: OVAL1020 / 21.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
Battery: NNTN7036A
Cary Acc. / Cable Acc.: None / None
Start Power: 3.01 (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: 1.31 mW/g (1g); 0.959 mW/g (10g)

Comments: Full Scan; Front of DUT Facing Phantom.

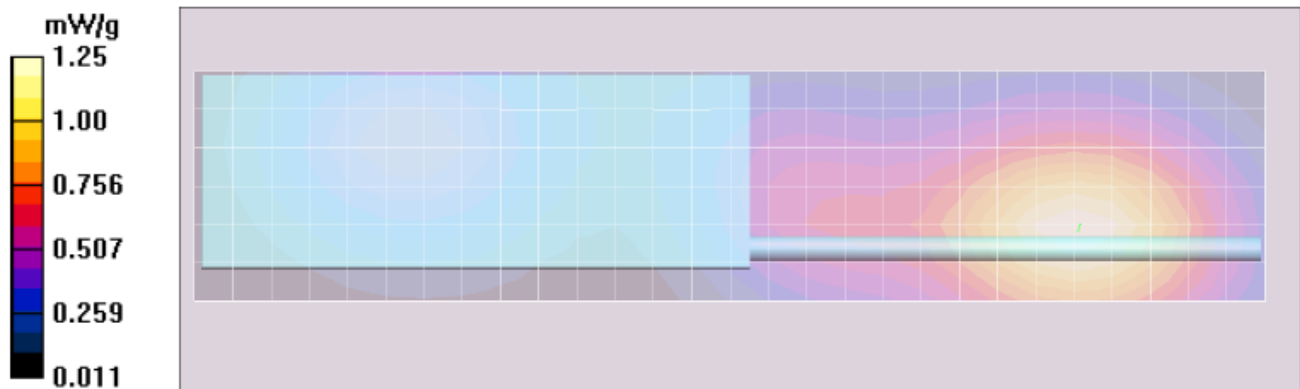
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 37.5 V/m; Power Drift = 0.197 dB
Motorola Fast SAR: SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.863 mW/g
Maximum value of SAR (interpolated) = 1.26 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 37.5 V/m; Power Drift = 0.240 dB
Peak SAR (extrapolated) = 1.31 W/kg
Motorola Fast SAR: SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.901 mW/g
Maximum value of SAR (interpolated) = 1.31 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.34 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.5 V/m; Power Drift = 0.283 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.936 mW/g
Maximum value of SAR (measured) = 1.32 mW/g



Section 48.0

(764 - 775 MHz band) DUT back side with NAF5085A antenna and offered batteries (Section 13.4 Table 61)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/28/2010 11:21:51 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100428-05
Phantom# / Tissue Temp.: OVAL1020 / 21.4 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
Battery: NNIN7038A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.00 (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: 1.15 mW/g (1g); 0.855 mW/g (10g)

Comments: Full Scan; Back 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: $f = 770$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

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

Reference Value = 30.5 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.837 mW/g

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

Face Scan/Area Scan (61x251x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 30.5 V/m; Power Drift = -0.111 dB

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

Maximum value of SAR (interpolated) = 1.18 mW/g

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

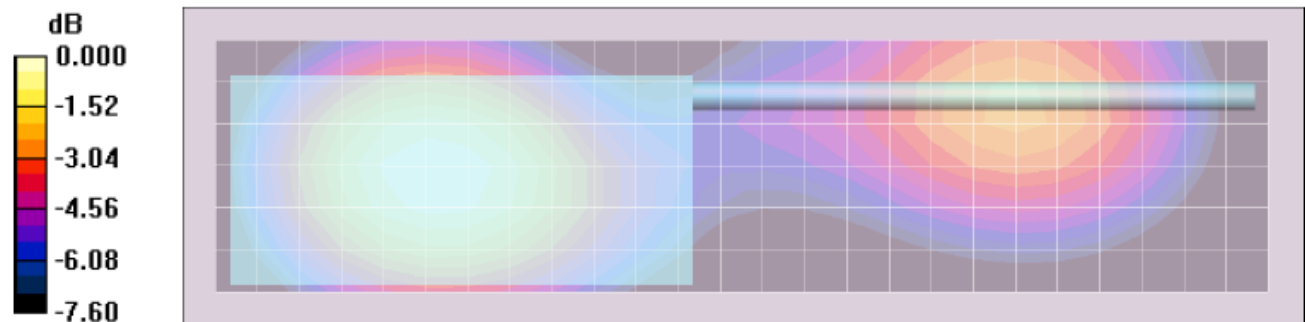
Reference Value = 30.5 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 1.18 W/kg

Motorola Fast SAR: SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.808 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



Section 49.0

(764 - 775 MHz band)

**DUT front side with NAF5085A antenna and RLN5878A audio accessory
(Section 13.4 Table 62)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/28/2010 3:51:27 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100428-11
 Phantom# / Tissue Temp.: OVAL1020 / 21.3 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.02 (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: 1.14 mW/g (1g); 0.840 mW/g (10g)

Comments: Full Scan; Front facing phantom.

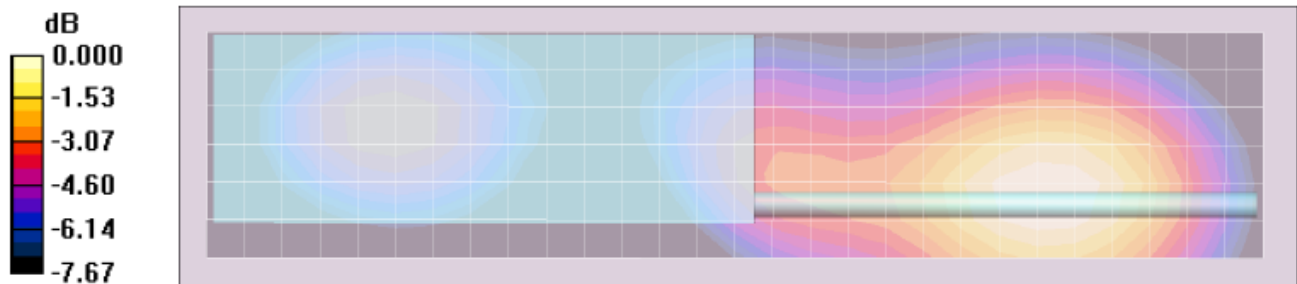
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 37.4 V/m; Power Drift = -0.140 dB
 Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.822 mW/g
 Maximum value of SAR (measured) = 1.16 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 37.4 V/m; Power Drift = -0.131 dB
Motorola Fast SAR: SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.806 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 = 37.4 V/m; Power Drift = -0.113 dB
 Peak SAR (extrapolated) = 1.16 W/kg
Motorola Fast SAR: SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.796 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 50.0

(764 - 775 MHz band)

**DUT back side with NAF5085A antenna and RLN5978A audio accessory
(Section 13.4 Table 63)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 4/28/2010 2:26:25 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100428-09
 Phantom# / Tissue Temp.: OVAL1020 / 21.3 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 770.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.02 (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: 1.07 mW/g (1g); 0.796 mW/g (10g)

Comments: Full Scan; Back facing phantom.

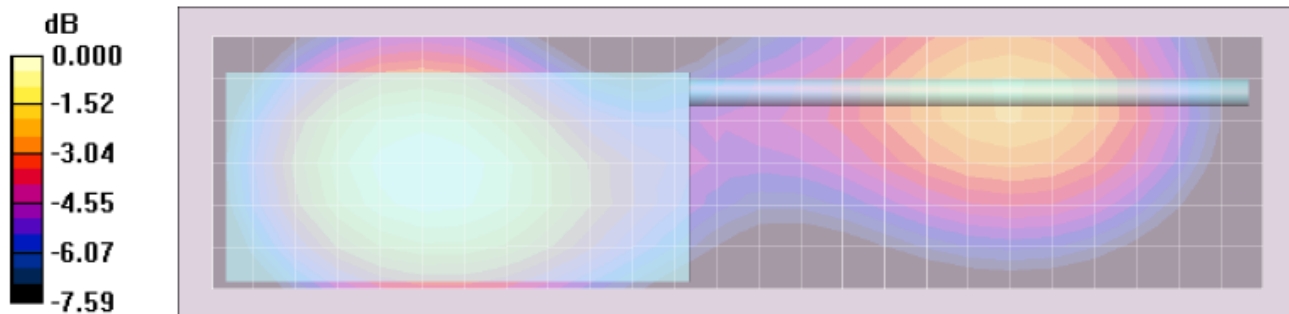
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 31.1 V/m; Power Drift = -0.122 dB
 Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.779 mW/g
 Maximum value of SAR (measured) = 1.09 mW/g

Face Scan/Area Scan (61x251x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 31.1 V/m; Power Drift = -0.137 dB
Motorola Fast SAR: SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.758 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 = 31.1 V/m; Power Drift = -0.165 dB
 Peak SAR (extrapolated) = 1.09 W/kg
Motorola Fast SAR: SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.750 mW/g
 Maximum value of SAR (interpolated) = 1.09 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.09 mW/g



Section 51.0

(764 - 775 MHz band)
NAF5085A antenna frequency search
Test frequency outside FCC frequency allocation
(Section 13.4 Table 64)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 4/28/2010 8:02:51 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100428-16
 Phantom# / Tissue Temp.: OVAL1020 / 21.2 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: NAF5085A / 775.9875 (MHz)
 Battery: NNIN7036A
 Carry Acc. / Cable Acc.: None / None
 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: 1.16 mW/g (1g); 0.855 mW/g (10g)

Comments: Full Scan; Front facing phantom.

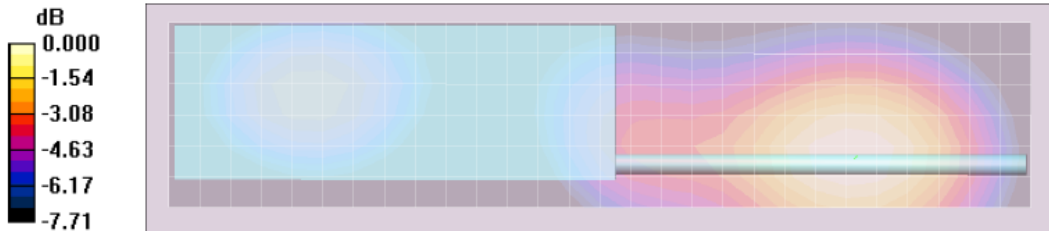
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 37.8 V/m; Power Drift = -0.0965 dB
Motorola Fast SAR: SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.820 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 = 37.8 V/m; Power Drift = -0.115 dB
 Peak SAR (extrapolated) = 1.19 W/kg
Motorola Fast SAR: SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.813 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.19 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 37.8 V/m; Power Drift = -0.108 dB
 Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.837 mW/g
 Maximum value of SAR (measured) = 1.18 mW/g



Section 52.0

**(764 - 775 MHz band)
DUT front side with PMAS4000A antenna and offered batteries
(Section 13.4 Table 65)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 4/30/2010 8:56:38 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100430-17
Phantom# / Tissue Temp.: OVAL1020 / 21.8 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
Battery: NNTN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.01 (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: 0.593 mW/g (1g); 0.438 mW/g (10g)

Comments: Full Scan; Front facing phantom.

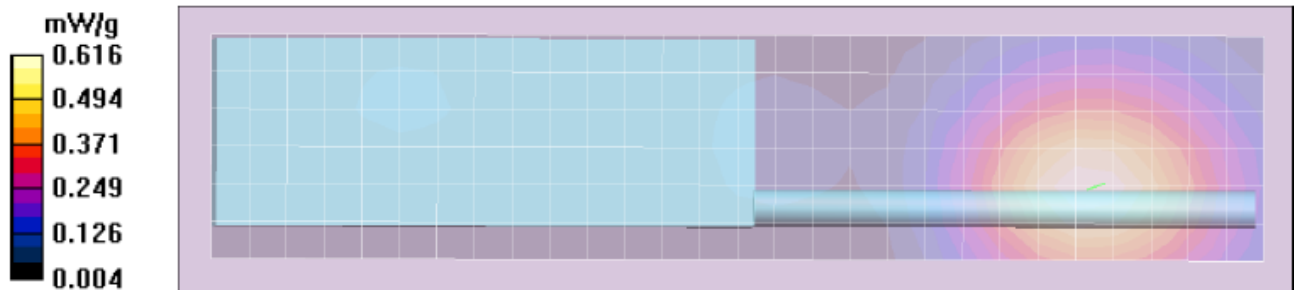
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 25.7 V/m; Power Drift = -0.0872 dB
Motorola Fast SAR: SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.425 mW/g
Maximum value of SAR (interpolated) = 0.622 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 25.7 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 0.610 W/kg
Motorola Fast SAR: SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.419 mW/g
Maximum value of SAR (interpolated) = 0.610 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.601 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.7 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.429 mW/g
Maximum value of SAR (measured) = 0.604 mW/g



Section 53.0

**(764 - 775 MHz band)
DUT back side with PMAS4000A antenna and offered batteries
(Section 13.4 Table 66)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/1/2010 7:38:16 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100501-02
Phantom# / Tissue Temp.: OVAL1020 / 22.3 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
Battery: NNIN7036A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.01 (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: 0.702 mW/g (1g); 0.515 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

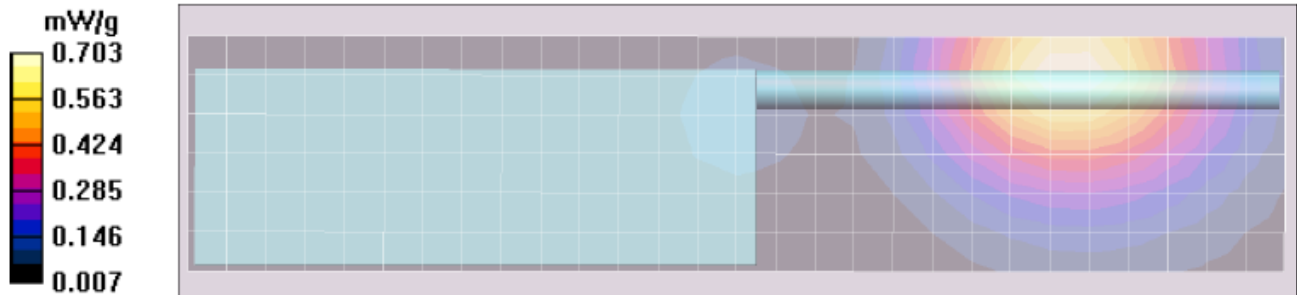
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.7 V/m; Power Drift = -0.0511 dB
Peak SAR (extrapolated) = 0.875 W/kg
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.501 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 28.7 V/m; Power Drift = -0.0246 dB
Motorola Fast SAR: SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (interpolated) = 0.715 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 28.7 V/m; Power Drift = -0.0316 dB
Peak SAR (extrapolated) = 0.714 W/kg
Motorola Fast SAR: SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (interpolated) = 0.714 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.711 mW/g



Section 54.0

(764 - 775 MHz band)

**DUT front side with PMAS4000A antenna and RLN5878A audio accessory
(Section 13.4 Table 67)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/1/2010 1:49:11 PM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100501-10
 Phantom# / Tissue Temp.: OVAL1020 / 22.3 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.02 (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: 0.579 mW/g (1g); 0.427 mW/g (10g)

Comments: Full Scan; Front of DUT Facing Phantom.

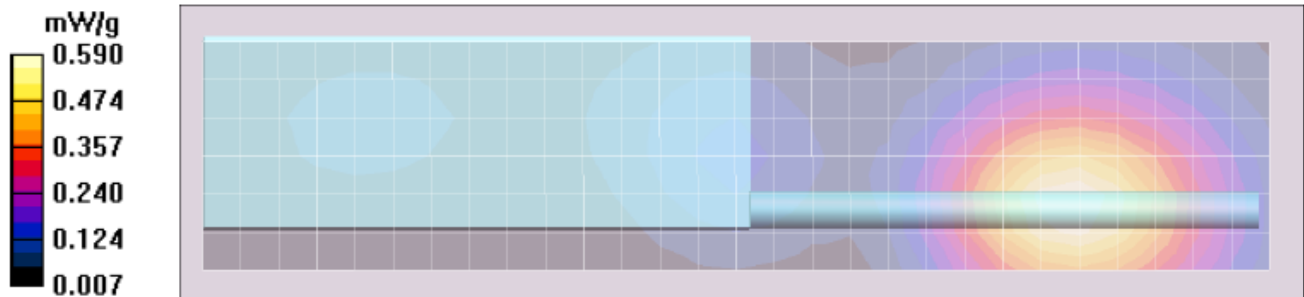
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 26.3 V/m; Power Drift = -0.150 dB
 Peak SAR (extrapolated) = 0.720 W/kg
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.415 mW/g
 Maximum value of SAR (measured) = 0.586 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 26.3 V/m; Power Drift = -0.0932 dB
Motorola Fast SAR: SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.410 mW/g
 Maximum value of SAR (interpolated) = 0.600 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 26.3 V/m; Power Drift = -0.112 dB
 Peak SAR (extrapolated) = 0.590 W/kg
Motorola Fast SAR: SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.405 mW/g
 Maximum value of SAR (interpolated) = 0.590 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.583 mW/g



Section 55.0

(764 - 775 MHz band)

**DUT back side with PMAS4000A antenna and RLN5878A audio accessory
(Section 13.4 Table 68)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 5/1/2010 10:52:18 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100501-06
 Phantom# / Tissue Temp.: OVAL1020 / 22.1 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 770.0000 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / RLN5878A
 Start Power: 3.01 (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: 0.628 mW/g (1g); 0.463 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

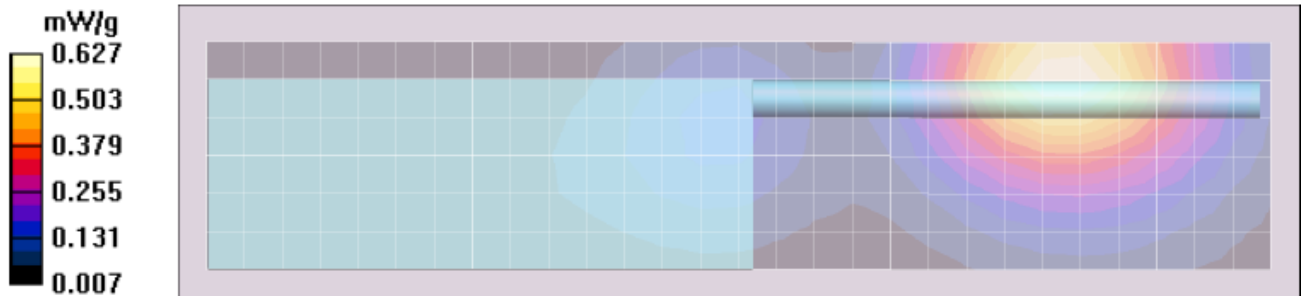
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 26.7 V/m; Power Drift = -0.0292 dB
 Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.450 mW/g
 Maximum value of SAR (measured) = 0.636 mW/g

Face Scan/Area Scan (61x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 26.7 V/m; Power Drift = -0.0132 dB
Motorola Fast SAR: SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.434 mW/g
 Maximum value of SAR (interpolated) = 0.636 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 26.7 V/m; Power Drift = -0.0203 dB
 Peak SAR (extrapolated) = 0.636 W/kg
Motorola Fast SAR: SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.435 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.635 mW/g



Section 56.0

(764 - 775 MHz band)
PMAS4000A antenna frequency search
 Test frequency outside FCC frequency allocation
 (Section 13.4 Table 69)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/1/2010 6:37:46 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100501-15
 Phantom# / Tissue Temp.: OVAL1020 / 21.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAS4000A / 775.9875 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 2.99 (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: 0.759 mW/g (1g); 0.556 mW/g (10g)

Comments: Full Scan; Back of DUT Facing Phantom.

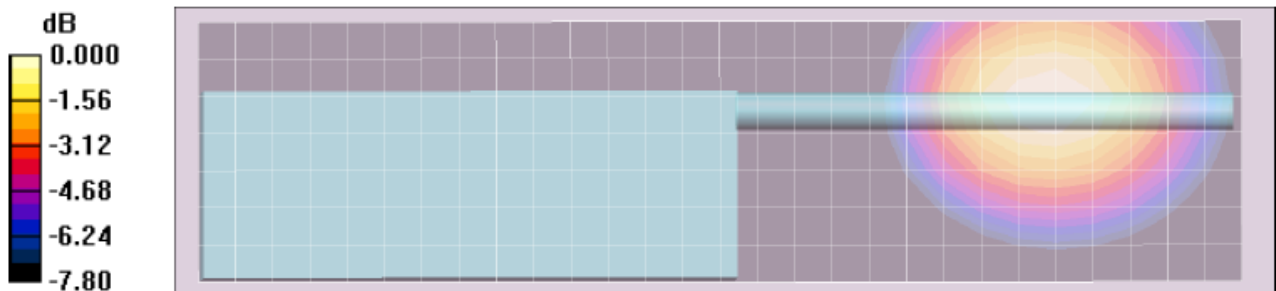
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: $f = 770$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Face Scan/Area Scan (71x281x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 30.1 V/m; Power Drift = -0.062 dB
Motorola Fast SAR: SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.528 mW/g
 Maximum value of SAR (interpolated) = 0.777 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 30.1 V/m; Power Drift = -0.0677 dB
 Peak SAR (extrapolated) = 0.770 W/kg
Motorola Fast SAR: SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.526 mW/g
 Maximum value of SAR (interpolated) = 0.770 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.764 mW/g

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 30.1 V/m; Power Drift = -0.078 dB
 Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.541 mW/g
 Maximum value of SAR (measured) = 0.769 mW/g



Section 57.0

**(764 - 775 MHz band)
PSM PMMN4061A with PMAF4002A antenna and offered batteries
(Section 13.4 Table 70)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/4/2010 10:19:44 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100504-03
Phantom# / Tissue Temp.: OVAL1020 / 20.9 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 770.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: None / PMMN4061A
Start Power: 3.02 (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: 2.30 mW/g (1g); 1.65 mW/g (10g)

Comments: Full Scan; Front facing phantom.

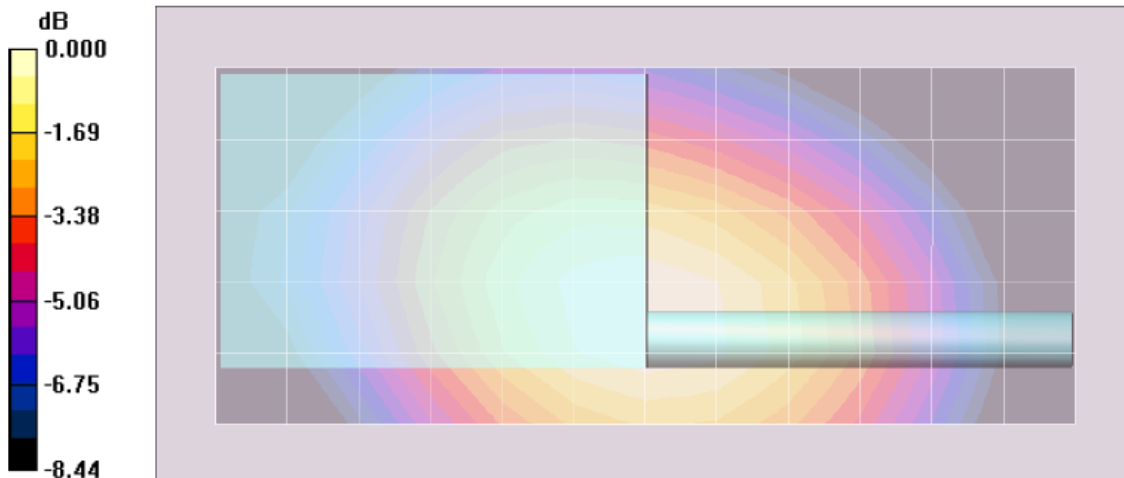
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.5 V/m; Power Drift = -0.0567 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.35 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 45.5 V/m; Power Drift = -0.028 dB
Motorola Fast SAR: SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.61 mW/g
Maximum value of SAR (interpolated) = 2.38 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 45.5 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 2.36 W/kg
Motorola Fast SAR: SAR(1 g) = 2.24 mW/g; SAR(10 g) = 1.6 mW/g
Maximum value of SAR (interpolated) = 2.36 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.35 mW/g



Section 58.0

(764 - 775 MHz band)
PSM PMMN4061A with PMAF4002A antenna frequency search
Test frequency outside FCC frequency allocation
(Section 13.4 Table 71)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/4/2010 11:13:37 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100504-05
 Phantom# / Tissue Temp.: OVAL1020 / 20.9 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 764.0125 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / 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: 2.40 mW/g (1g); 1.74 mW/g (10g)

Comments: Full Scan; Front facing phantom.

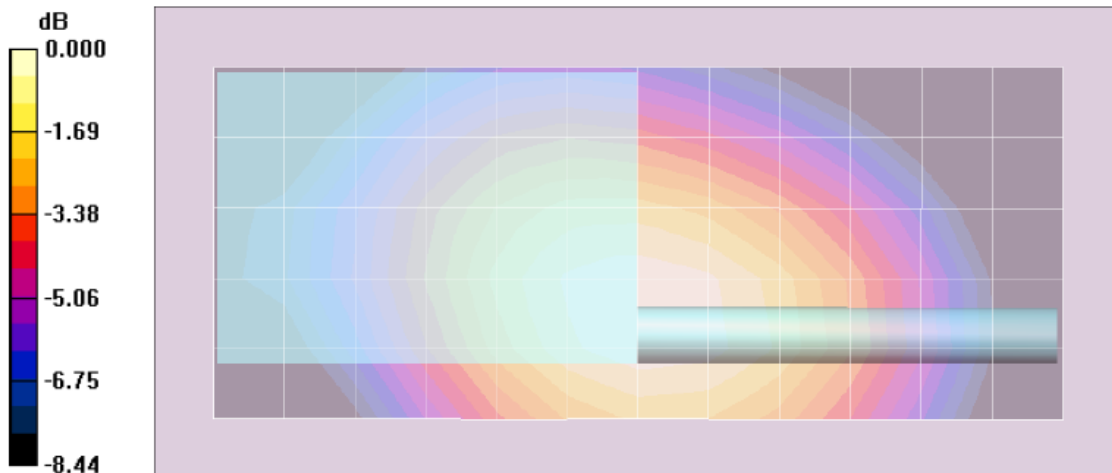
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/9/2009
 Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 47.1 V/m; Power Drift = -0.0464 dB
 Peak SAR (extrapolated) = 3.08 W/kg
 SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.7 mW/g
 Maximum value of SAR (measured) = 2.46 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 47.1 V/m; Power Drift = -0.0219 dB
 Motorola Fast SAR: SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.69 mW/g
 Maximum value of SAR (interpolated) = 2.49 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 47.1 V/m; Power Drift = -0.0328 dB
 Peak SAR (extrapolated) = 2.48 W/kg
 Motorola Fast SAR: SAR(1 g) = 2.35 mW/g; SAR(10 g) = 1.68 mW/g
 Maximum value of SAR (interpolated) = 2.48 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.47 mW/g



Section 59.0

**(764 - 775 MHz band)
PSM PMMN4060A with PMAF4002A antenna and offered batteries
(Section 13.4 Table 72)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 5/5/2010 10:15:05 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100505-04
Phantom# / Tissue Temp.: OVAL1020 / 20.7 (C)
DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
Antenna / TX Freq.: PMAF4002A / 770.0000 (MHz)
Battery: NNIN7036A
Carry Acc. / Cable Acc.: None / PMMN4060A
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: 2.58 mW/g (1g); 1.85 mW/g (10g)

Comments: Full Scan; Front facing phantom.

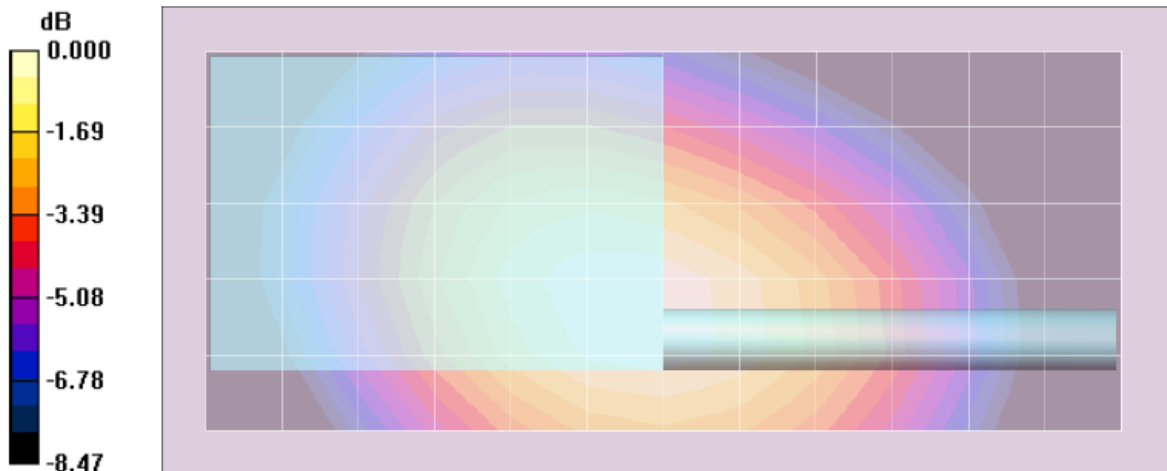
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
Electronics: DAE3 Sn401, Calibrated: 7/9/2009
Duty Cycle: 1:1, Medium parameters used: f = 770 MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Face Scan/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.1 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.82 mW/g
Maximum value of SAR (measured) = 2.65 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 49.1 V/m; Power Drift = -0.0177 dB
Motorola Fast SAR: SAR(1 g) = 2.52 mW/g; SAR(10 g) = 1.8 mW/g
Maximum value of SAR (interpolated) = 2.66 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
Reference Value = 49.1 V/m; Power Drift = -0.0291 dB
Peak SAR (extrapolated) = 2.66 W/kg
Motorola Fast SAR: SAR(1 g) = 2.52 mW/g; SAR(10 g) = 1.8 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.64 mW/g



Section 60.0

(764 - 775 MHz band)
PSM PMMN4060A with PMAF4002A antenna frequency search
Test frequency outside FCC frequency allocation
(Section 13.4 Table 73)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 5/5/2010 11:15:16 AM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100505-06
 Phantom# / Tissue Temp.: OVAL1020 / 20.7 (C)
 DUT Model# / Serial#: H97TGD9PW1AN (QA00572AA & QA00573AA) / Q0BME02S
 Antenna / TX Freq.: PMAF4002A / 764.0125 (MHz)
 Battery: NNTN7036A
 Carry Acc. / Cable Acc.: None / PMMN4060A
 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: 2.80 mW/g (1g); 2.02 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 = 770 MHz; $\sigma = 0.86$ 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 = 50.6 V/m; Power Drift = -0.0845 dB
 Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.98 mW/g
 Maximum value of SAR (measured) = 2.88 mW/g

Face Scan/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 50.6 V/m; Power Drift = -0.0375 dB
Motorola Fast SAR: SAR(1 g) = 2.76 mW/g; SAR(10 g) = 1.98 mW/g
 Maximum value of SAR (interpolated) = 2.92 mW/g

Face Scan/Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 50.6 V/m; Power Drift = -0.0567 dB
 Peak SAR (extrapolated) = 2.89 W/kg
Motorola Fast SAR: SAR(1 g) = 2.75 mW/g; SAR(10 g) = 1.96 mW/g
 Maximum value of SAR (interpolated) = 2.89 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.87 mW/g

