


MOTOROLA

 ACCREDITED
 TESTING CERT # 2518.01

DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 3 of 3
Enterprise Mobility Solutions
EME Test Laboratory
 8000 West Sunrise Blvd
 Fort Lauderdale, FL. 33322.

Date of Report: 11/22/10
Report Revision: 0
Report ID: SAR rpt_ H98UCD9PW5AN (MNUF1002A),
 H98UCD9PW5AN (MNUF1003A) Rev.O
 101122_SR8654/SR8398

Responsible Engineer: Michael Sailsman (Senior Staff Eng.)
Report Author: Michael Sailsman (Senior Staff Eng.)
Date/s Tested: 9/14/10-11/14/10
Manufacturer/Location: Motorola, Schaumburg
Sector/Group/Div.: G&PS
Date submitted for test: 8/10/10
DUT Description: 764-775 MHz and 794-805 MHz at 2.5 W, 806-824 MHz and 851-870 MHz at 3 W, 6.25K/12.5K/25K, Basic Top Display Model. Capable of digital TDMA, analog FM and Bluetooth transmissions.

Test TX mode(s): CW (PTT)
Max. Power output: 2.99 Watts (764-805 MHz); 3.6 Watts (806-870 MHz) 15.8 mW(BT)
Nominal Power: 2.5 Watts (764-805 MHz); 3.0 Watts (806-870 MHz) 10.00 mW(BT)
Tx Frequency Bands: (764-805 MHz); (806-870 MHz); 2.402-2.480 GHz (BT)
Signaling type: FM and TDMA; FHSS(BT)
Model(s) Tested: H98UCD9PW5AN (MNUF1002A), H98UCD9PW5AN (MNUF1003A)
Model(s) Certified: H98UCD9PW5AN (MNUF1003A)
Serial Number(s): NUF1003A0048, NUF1002A0006
Classification: Occupational/Controlled
FCC ID: AZ489FT5863; Rule part 90 (764-824MHz; 851-869MHz); Rule part 15 (2402-2480MHz)
IC: 109U-89FT5863

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

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

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

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

Approval Date: 11/22/10

Certification Date:11/22/10

Certification No.:

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

**Shortened Scan Result
(Section 13.18, Table 79)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/4/2010 9:44:27 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100804-09
Phantom# / Tissue Temp.: OVAL1021 / 21.4 (C)
DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
Start Power: 3.73 (W)

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

Reported SAR: 13.6 mW/g (1g); 8.12 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 80.0 V/m; Power Drift = -0.314 dB
Motorola Fast SAR: SAR(1 g) = 11.8 mW/g; SAR(10 g) = 7.99 mW/g
Maximum value of SAR (interpolated) = 12.8 mW/g

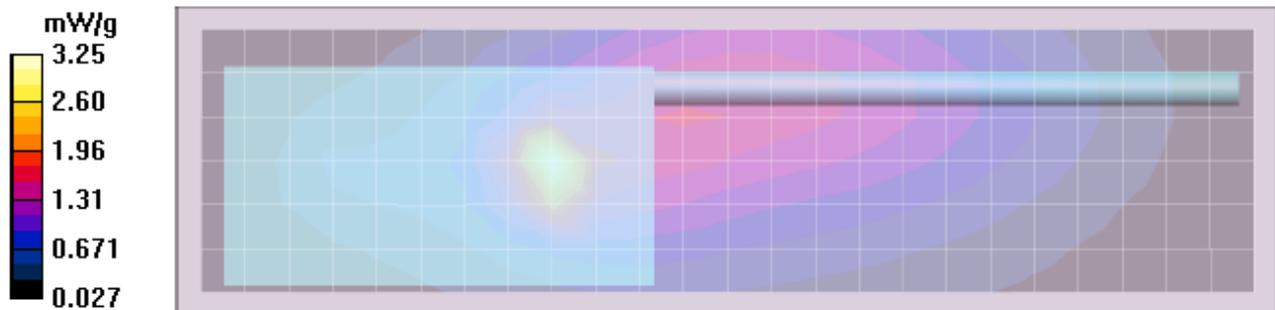
Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 114.5 V/m; Power Drift = -0.201 dB
Peak SAR (extrapolated) = 24.3 W/kg
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 8.1 mW/g
Maximum value of SAR (measured) = 14.8 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 11.6 mW/g

Shortened scan reflect highest SAR producing configuration; approximate run time 6 minutes. Representative full scan run time was 30 minutes

“Shortened” scan max calculated SAR using SAR drift: 1-g Avg. = 7.12 mW/g; 10-g Avg. = 4.25 mW/g

Zoom scan max calculated SAR using SAR drift (see table 35 part 1 section 13.2): 1-g Avg. = 7.62 mW/g; 10-g Avg. = 4.55 mW/g



Body - Highest SAR Configuration Result
(Section 13.2, Table 35)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 7/27/2010 9:13:00 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100727-19
 Phantom# / Tissue Temp.: OVAL1021 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.77 (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 SAR: 13.04 mW/g (1g); 7.79 mW/g (10g)

Comments:

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

Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 74.8 V/m; Power Drift = -0.439 dB

Motorola Fast SAR: SAR(1 g) = 13.4 mW/g; SAR(10 g) = 8.42 mW/g

Maximum value of SAR (interpolated) = 15.3 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 74.8 V/m; Power Drift = -0.676 dB

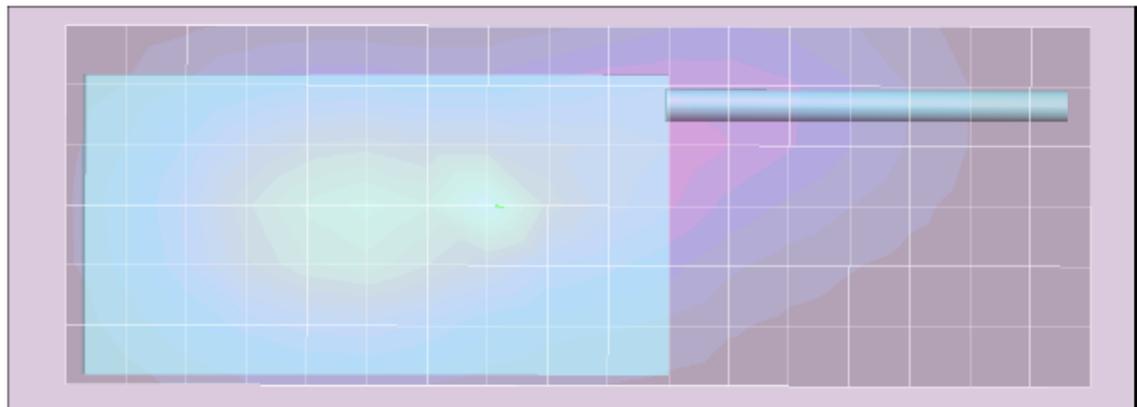
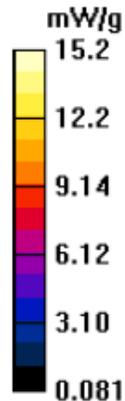
Peak SAR (extrapolated) = 23.3 W/kg

SAR(1 g) = 12.9 mW/g; SAR(10 g) = 7.74 mW/g

Maximum value of SAR (measured) = 14.2 mW/g

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

Maximum value of SAR (measured) = 13.9 mW/g



Face - Highest SAR Configuration Result
(Section 13.2, Table 45)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/12/2010 9:36:40 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100812-08
 Phantom# / Tissue Temp.: OVAL1020 / 20.5 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 806.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.73 (W)

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

Reported SAR: 5.62 mW/g (1g); 4.17 mW/g (10g)

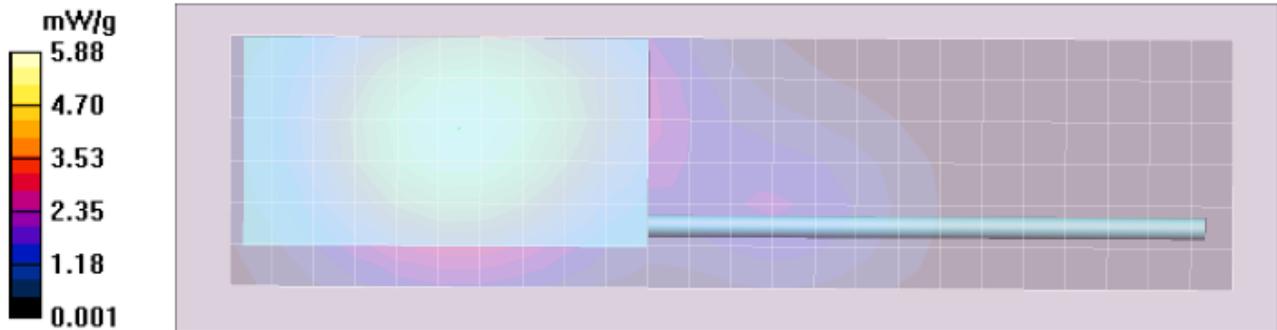
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/8/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 61.4 V/m; Power Drift = -0.118 dB
Motorola Fast SAR: SAR(1 g) = 5.67 mW/g; SAR(10 g) = 4.08 mW/g
 Maximum value of SAR (interpolated) = 5.98 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 61.4 V/m; Power Drift = -0.173 dB
 Peak SAR (extrapolated) = 7.22 W/kg
SAR(1 g) = 5.57 mW/g; SAR(10 g) = 4.14 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.86 mW/g



Appendix F DUT Scans

Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 12)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/1/2010 2:04:50 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100801-11
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 769.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.07 (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 SAR: 6.38 mW/g (1g); 4.66 mW/g (10g)

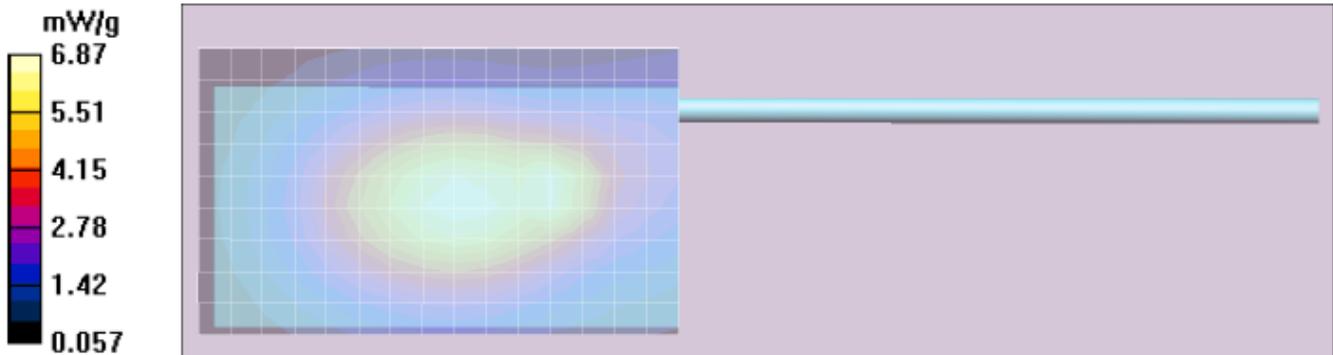
Comments: Reduced Area Scan; Tested without Volume 2D, Area Scan Step Size set to 10 mm and Zoom Extents set to 45 mm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 55.8 V/m; Power Drift = -0.348 dB
Motorola Fast SAR: SAR(1 g) = 6.51 mW/g; SAR(10 g) = 4.6 mW/g
 Maximum value of SAR (interpolated) = 6.91 mW/g

Ab Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 55.8 V/m; Power Drift = -0.404 dB
 Peak SAR (extrapolated) = 8.16 W/kg
SAR(1 g) = 6.29 mW/g; SAR(10 g) = 4.62 mW/g
 Maximum value of SAR (measured) = 6.65 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 6.67 mW/g



**Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 13)**

**Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/1/2010 6:35:07 PM**

Robot# / Run#: DASY4-FL-1 / CM-Ab-100801-17
Phantom# / Tissue Temp.: OVAL1021 / 21.3 (C)
DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
Antenna / TX Freq.: NAF5085A / 769.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.09 (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 SAR: 2.82 mW/g (1g); 2.10 mW/g (10g)

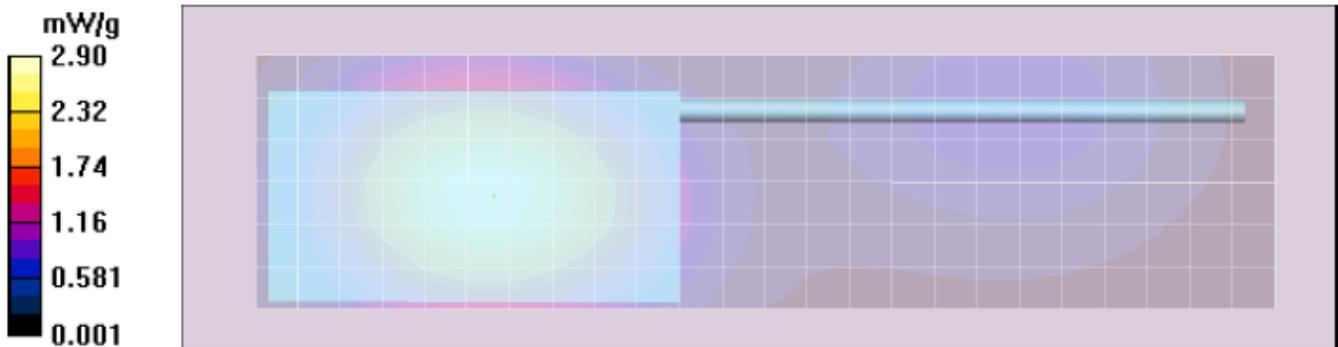
Comments: Back of DUT facing phantom at 2.5 cm parallel

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.4 V/m; Power Drift = -0.261 dB
Motorola Fast SAR: SAR(1 g) = 2.86 mW/g; SAR(10 g) = 2.06 mW/g
Maximum value of SAR (interpolated) = 3.01 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.4 V/m; Power Drift = -0.333 dB
Peak SAR (extrapolated) = 3.58 W/kg
SAR(1 g) = 2.78 mW/g; SAR(10 g) = 2.08 mW/g
Maximum value of SAR (measured) = 2.92 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.90 mW/g



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 14)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/1/2010 8:20:41 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100801-19
Phantom# / Tissue Temp.: OVAL1021 / 21.4 (C)
DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
Antenna / TX Freq.: NAF5085A / 769.0000 (MHz)
Battery: NNTN7038A
Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / HMN4104A
Start Power: 3.07 (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 SAR: 3.74 mW/g (1g); 2.70 mW/g (10g)

Comments: Back of DUT facing phantom

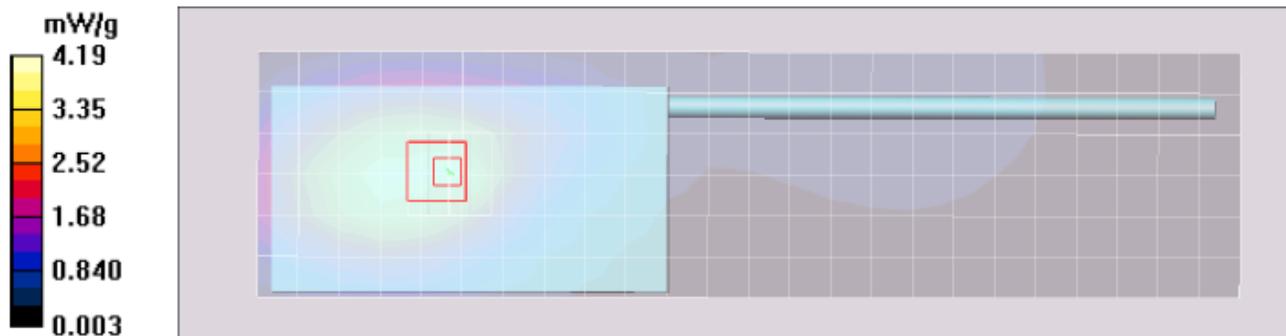
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 44.7 V/m; Power Drift = -0.578 dB
Motorola Fast SAR: SAR(1 g) = 3.89 mW/g; SAR(10 g) = 2.78 mW/g
Maximum value of SAR (interpolated) = 4.22 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.7 V/m; Power Drift = -0.691 dB
Peak SAR (extrapolated) = 5.33 W/kg
SAR(1 g) = 3.68 mW/g; SAR(10 g) = 2.68 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
Maximum value of SAR (measured) = 4.09 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 4.19 mW/g



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 15)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/2/2010 10:19:32 AM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100802-07
 Phantom# / Tissue Temp.: OVAL1021 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 769.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN5243A w/ PMLN5658A / HMN4104A
 Start Power: 3.07 (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 SAR: 3.07 mW/g (1g); 2.14 mW/g (10g)

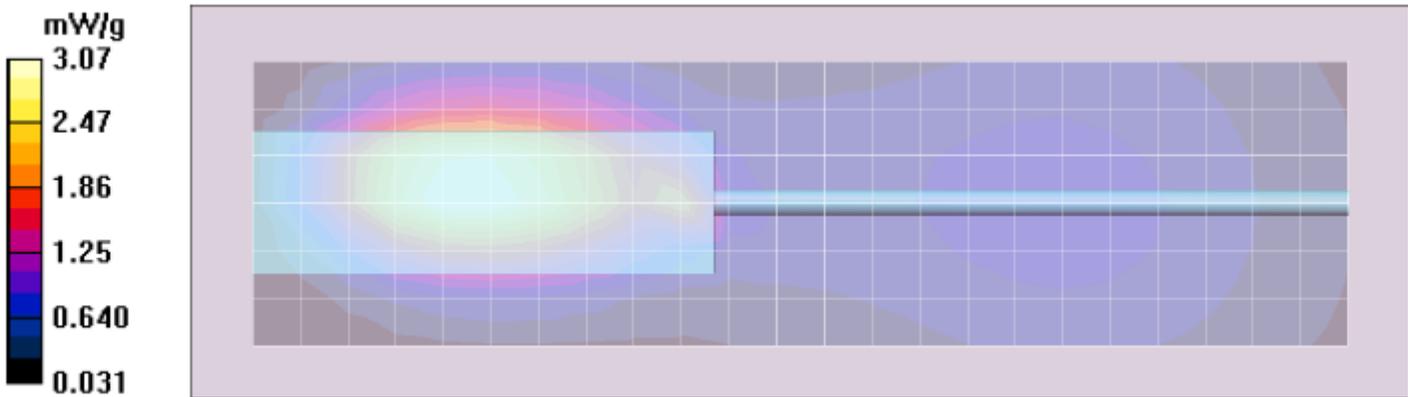
Comments: "PTT" side of DUT facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 769.5 MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x231x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 56.7 V/m; Power Drift = -0.149 dB
Motorola Fast SAR: SAR(1 g) = 3.1 mW/g; SAR(10 g) = 2.18 mW/g
 Maximum value of SAR (interpolated) = 3.30 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 56.7 V/m; Power Drift = -0.218 dB
 Peak SAR (extrapolated) = 4.14 W/kg
SAR(1 g) = 3.02 mW/g; SAR(10 g) = 2.12 mW/g
 Maximum value of SAR (measured) = 3.23 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.18 mW/g



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 16)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/2/2010 12:31:44 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100802-10
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 764.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.08 (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 SAR: 7.14 mW/g (1g); 5.23 mW/g (10g)

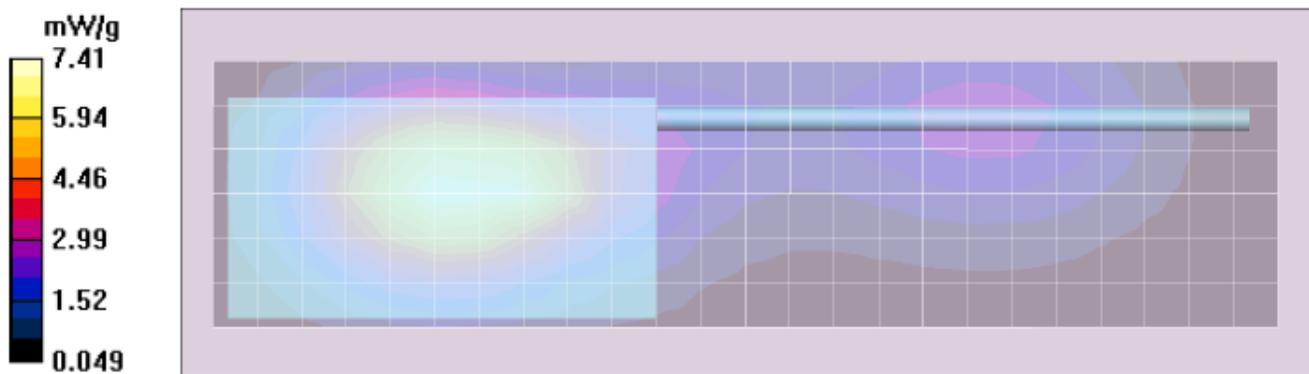
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 67.7 V/m; Power Drift = -0.233 dB
Motorola Fast SAR: SAR(1 g) = 7.11 mW/g; SAR(10 g) = 5.05 mW/g
 Maximum value of SAR (interpolated) = 7.53 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 67.7 V/m; Power Drift = -0.264 dB
 Peak SAR (extrapolated) = 9.04 W/kg
SAR(1 g) = 7.03 mW/g; SAR(10 g) = 5.18 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 7.41 mW/g



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 17)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/2/2010 10:19:26 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100802-24
 Phantom# / Tissue Temp.: OVAL1021 / 21.3 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 775.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.07 (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 SAR: 13.4 mW/g (1g); 8.54 mW/g (10g)

Comments:

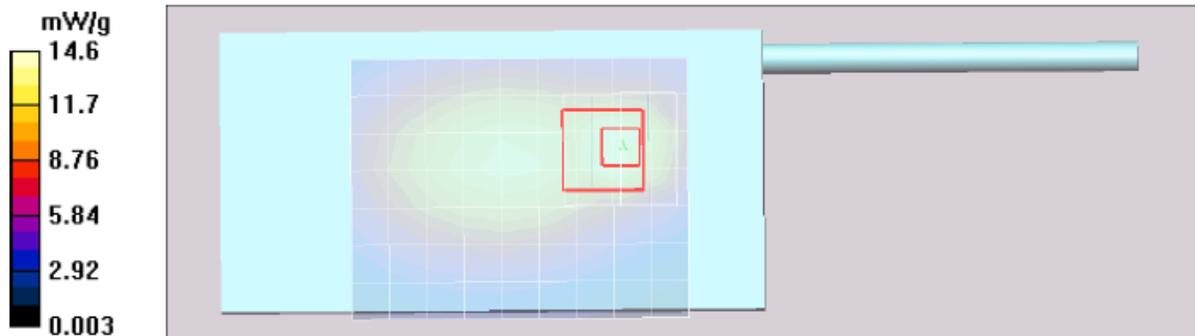
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (71x91x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 79.4 V/m; Power Drift = -0.128 dB
Motorola Fast SAR: SAR(1 g) = 13.4 mW/g; SAR(10 g) = 8.86 mW/g
 Maximum value of SAR (interpolated) = 14.8 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 79.4 V/m; Power Drift = -0.212 dB
 Peak SAR (extrapolated) = 22.8 W/kg
SAR(1 g) = 13.2 mW/g; SAR(10 g) = 8.46 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) = 14.7 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 14.6 mW/g



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 18)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/3/2010 11:16:36 AM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100803-06
Phantom# / Tissue Temp.: OVAL1021 / 20.9 (C)
DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
Antenna / TX Freq.: NAR6595A / 769.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.07 (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 SAR: 5.30 mW/g (1g); 3.95 mW/g (10g)

Comments: Back of DUT @ 2.5cm

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)

Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_1 = 54.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 61.2 V/m; Power Drift = -0.216 dB

Motorola Fast SAR: SAR(1 g) = 5.41 mW/g; SAR(10 g) = 3.9 mW/g

Maximum value of SAR (interpolated) = 5.70 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 61.2 V/m; Power Drift = -0.298 dB

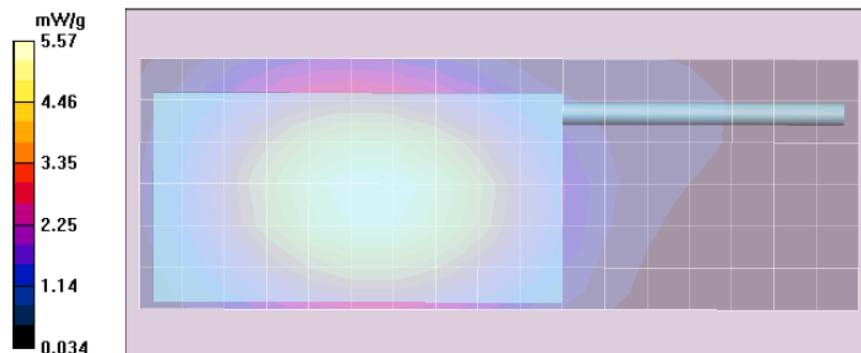
Peak SAR (extrapolated) = 6.74 W/kg

SAR(1 g) = 5.25 mW/g; SAR(10 g) = 3.93 mW/g

Maximum value of SAR (measured) = 5.52 mW/g

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

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



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 19)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 8/3/2010 9:51:25 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100803-18
 Phantom# / Tissue Temp.: OVAL1021 / 20.6 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 769.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN5243A w/ PMLN5657A / HMN4104A
 Start Power: 3.07 (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 SAR: 8.79 mW/g (1g); 6.53 mW/g (10g)

Comments: Back of DUT facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)

Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 67.1 V/m; Power Drift = -0.465 dB

Motorola Fast SAR: SAR(1 g) = 8.79 mW/g; SAR(10 g) = 6.29 mW/g

Maximum value of SAR (interpolated) = 9.25 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 67.1 V/m; Power Drift = -0.622 dB

Peak SAR (extrapolated) = 11.1 W/kg

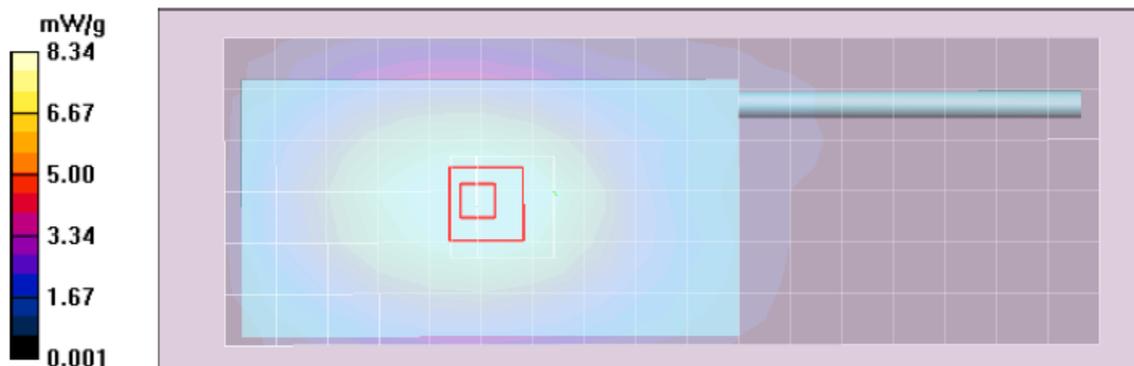
SAR(1 g) = 8.71 mW/g; SAR(10 g) = 6.5 mW/g

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) = 9.14 mW/g

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

Maximum value of SAR (measured) = 8.34 mW/g



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 20)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/3/2010 6:38:46 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100803-13
Phantom# / Tissue Temp.: OVAL1021 / 20.6 (C)
DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
Antenna / TX Freq.: NAR6595A / 769.0000 (MHz)
Battery: PMMN4403A
Carry Acc. / Cable Acc.: NTN5243A w/ PMLN5658A / HMN4104A
Start Power: 3.06 (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 SAR: 9.02 mW/g (1g); 6.33 mW/g (10g)

Comments: PTT side of DUT facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

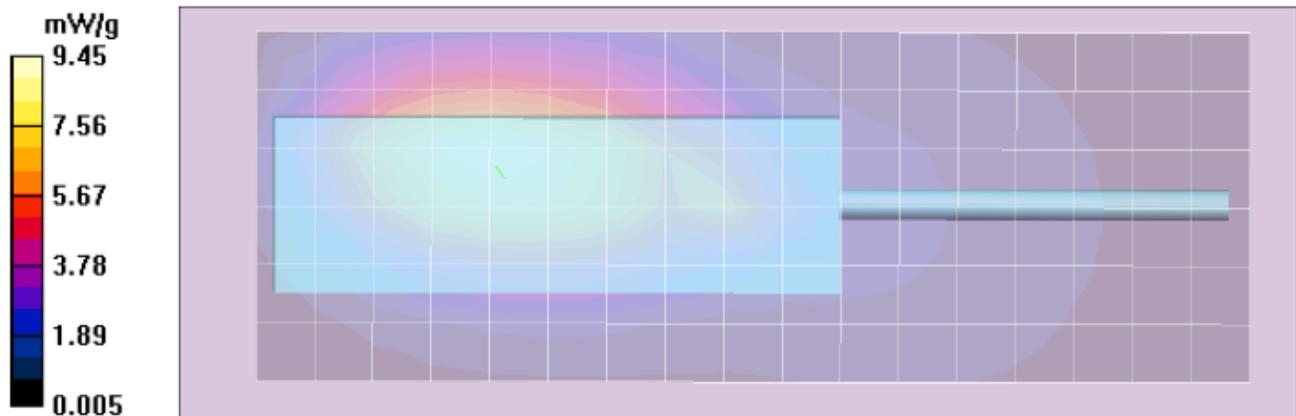
Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 87.9 V/m; Power Drift = -0.122 dB
Motorola Fast SAR: SAR(1 g) = 9.16 mW/g; SAR(10 g) = 6.43 mW/g
Maximum value of SAR (interpolated) = 9.74 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 87.9 V/m; Power Drift = -0.230 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 8.94 mW/g; SAR(10 g) = 6.3 mW/g
Maximum value of SAR (measured) = 9.51 mW/g

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



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 22)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/1/2010 1:07:05 AM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100731-26
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 769.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: 4205823V01 PSM belt clip / PMMN4059A
 Start Power: 3.07 (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 SAR: 3.45 mW/g (1g); 2.16 mW/g (10g)

Comments: Antenna NAF5085A on radio, 2.78 W output from PSM

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)

Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 41.6 V/m; Power Drift = -0.0853 dB

Motorola Fast SAR: SAR(1 g) = 3.24 mW/g; SAR(10 g) = 2.18 mW/g

Maximum value of SAR (interpolated) = 3.51 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 41.6 V/m; Power Drift = -0.174 dB

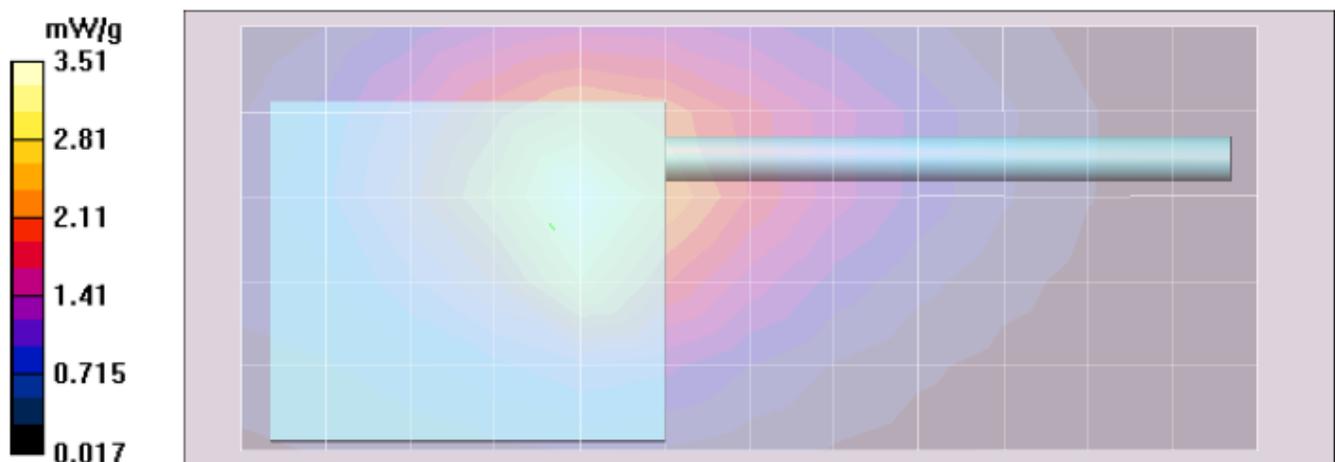
Peak SAR (extrapolated) = 5.60 W/kg

SAR(1 g) = 3.38 mW/g; SAR(10 g) = 2.13 mW/g

Maximum value of SAR (measured) = 3.66 mW/g

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

Maximum value of SAR (measured) = 3.85 mW/g



Section 1.0
764-775 MHz Test Data Body
(Section 13.1 Table 23)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/3/2010 9:24:08 AM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100803-04
 Phantom# / Tissue Temp.: OVAL1021 / 20.9 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 764.0125 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: 4205823V01 (PSM Belt Clip) / PMMN4059A
 Start Power: 3.07 (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 SAR: 3.64 mW/g (1g); 2.31 mW/g (10g)

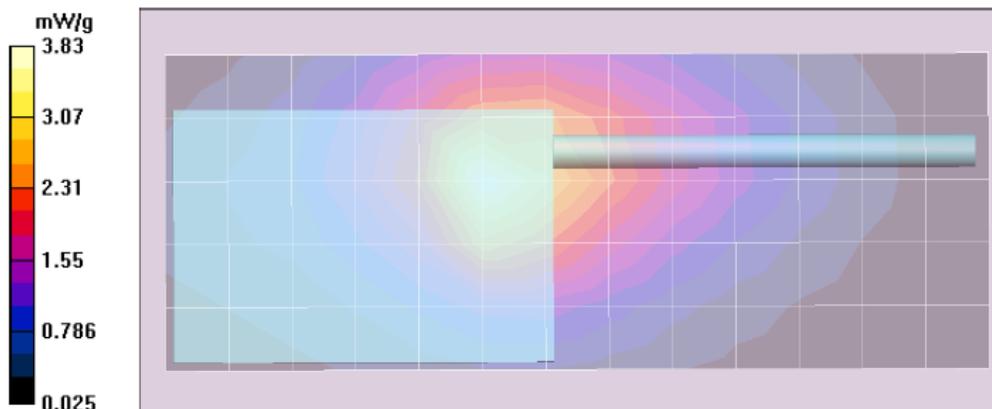
Comments: Tested with NAF5085A Antenna on DUT; "PSM" Power Output = 2.77 W.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.6, 5.6, 5.6)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 55.0 V/m; Power Drift = -0.0782 dB
Motorola Fast SAR: SAR(1 g) = 3.55 mW/g; SAR(10 g) = 2.37 mW/g
 Maximum value of SAR (interpolated) = 3.93 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 55.0 V/m; Power Drift = -0.143 dB
 Peak SAR (extrapolated) = 5.82 W/kg
SAR(1 g) = 3.61 mW/g; SAR(10 g) = 2.3 mW/g
 Maximum value of SAR (measured) = 3.98 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.07 mW/g



Section 1.0
764-775 MHz Test Data Face
(Section 13.1 Table 24)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/30/2010 1:39:29 PM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100730-10
Phantom# / Tissue Temp.: OVAL1020 / 20.9 (C)
DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
Antenna / TX Freq.: NAF5085A / 769.0000 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 3.08 (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 SAR: 2.59 mW/g (1g); 1.91 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 43.2$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm

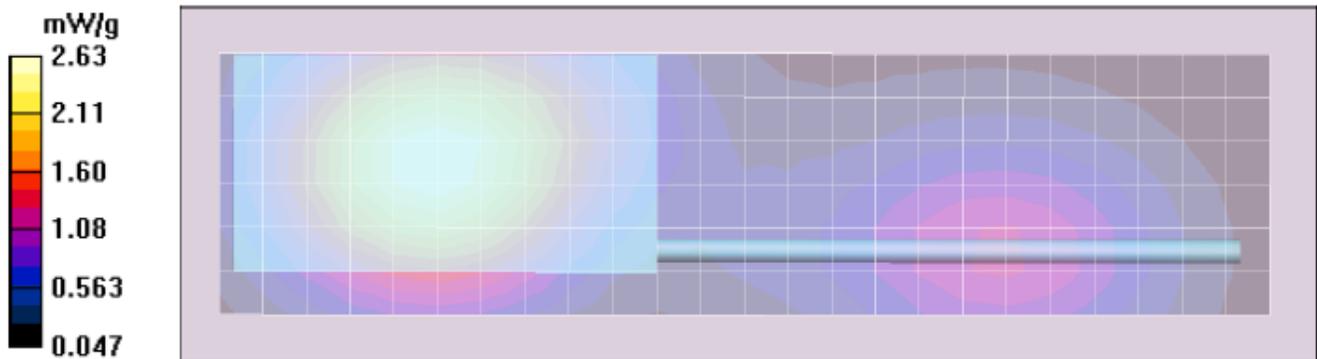
Reference Value = 44.2 V/m; Power Drift = -0.170 dB
Motorola Fast SAR: SAR(1 g) = 2.55 mW/g; SAR(10 g) = 1.85 mW/g
Maximum value of SAR (interpolated) = 2.69 mW/g

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

Reference Value = 44.2 V/m; Power Drift = -0.253 dB
Peak SAR (extrapolated) = 3.25 W/kg
SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.86 mW/g
Maximum value of SAR (measured) = 2.61 mW/g

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

Maximum value of SAR (measured) = 2.58 mW/g



Section 1.0
764-775 MHz Test Data Face
(Section 13.1 Table 25)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/18/2010 6:08:53 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100818-03
 Phantom# / Tissue Temp.: OVAL1020 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 764.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 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 SAR: 2.89 mW/g (1g); 2.14 mW/g (10g)

Comments: Back of DUT facing phantom at 2.5 cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)

Electronics: DAE3 Sn401, Calibrated: 7/8/2010

Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 43.9$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 50.2 V/m; Power Drift = -0.197 dB

Motorola Fast SAR: SAR(1 g) = 2.8 mW/g; SAR(10 g) = 2.02 mW/g

Maximum value of SAR (interpolated) = 2.95 mW/g

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

Reference Value = 50.2 V/m; Power Drift = -0.296 dB

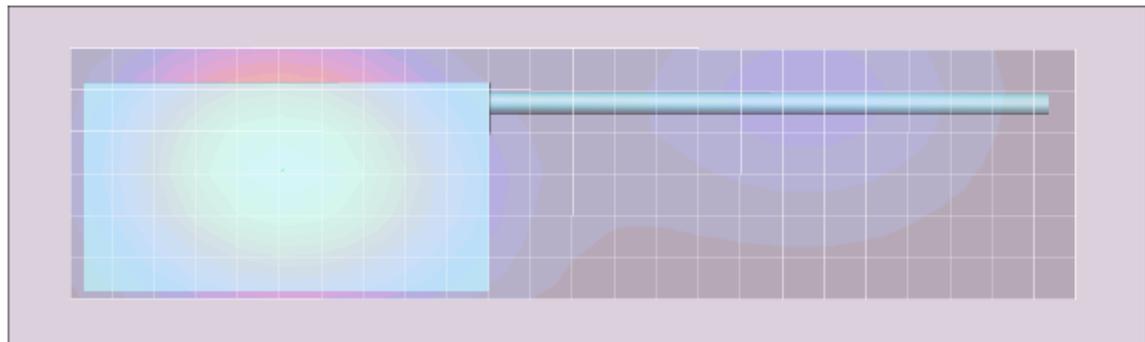
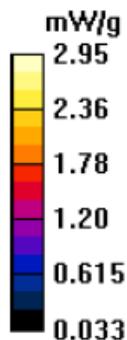
Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.75 mW/g; SAR(10 g) = 2.07 mW/g

Maximum value of SAR (measured) = 2.89 mW/g

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

Maximum value of SAR (measured) = 2.87 mW/g



Section 1.0
764-775 MHz Test Data Face
(Section 13.1 Table 26)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/30/2010 3:07:13 PM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100730-12
 Phantom# / Tissue Temp.: OVAL1020 / 20.9 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 769.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.07 (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 SAR: 4.54 mW/g (1g); 3.35 mW/g (10g)

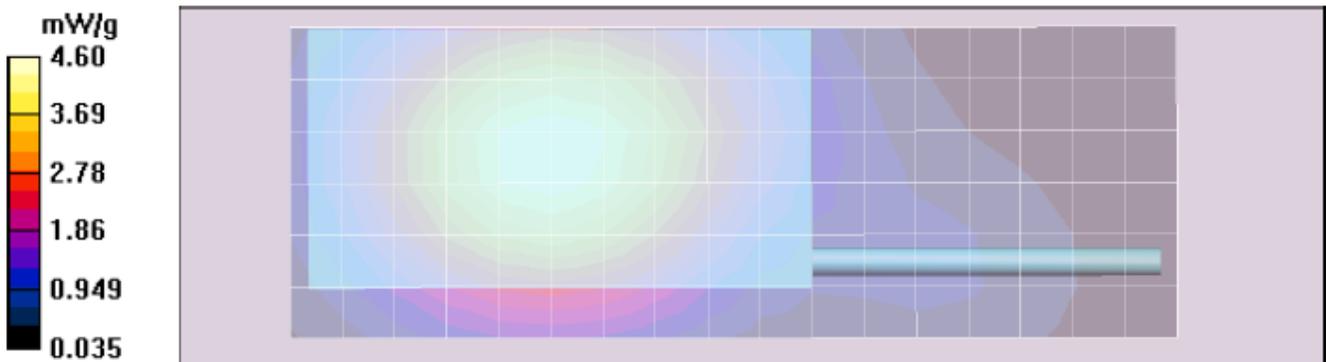
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 43.2$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 57.4 V/m; Power Drift = -0.0376 dB
Motorola Fast SAR: SAR(1 g) = 4.46 mW/g; SAR(10 g) = 3.22 mW/g
 Maximum value of SAR (interpolated) = 4.70 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 57.4 V/m; Power Drift = -0.134 dB
 Peak SAR (extrapolated) = 5.69 W/kg
SAR(1 g) = 4.36 mW/g; SAR(10 g) = 3.26 mW/g
 Maximum value of SAR (measured) = 4.58 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.58 mW/g



Section 1.0
764-775 MHz Test Data Face
(Section 13.1 Table 27)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/18/2010 6:56:04 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100818-04
 Phantom# / Tissue Temp.: OVAL1020 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 764.0125 (MHz)
 Battery: PMNN4403A
 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 SAR: 4.90 mW/g (1g); 3.63 mW/g (10g)

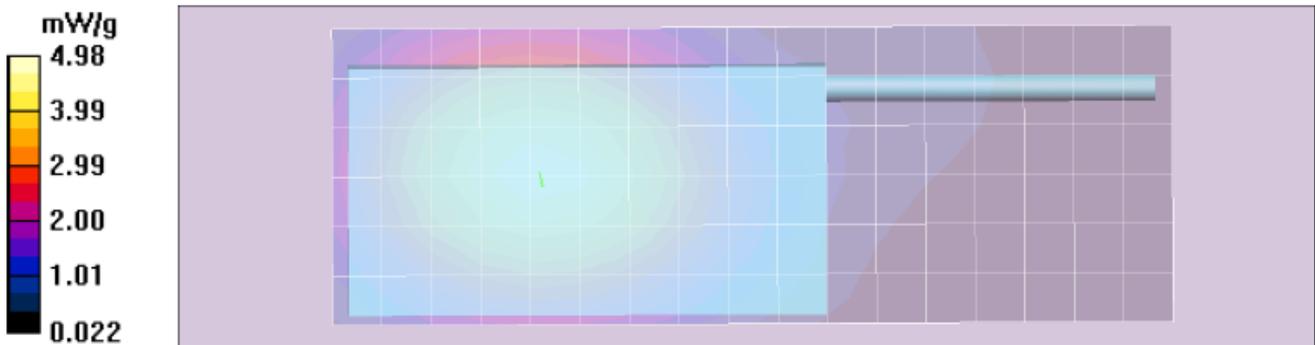
Comments: Back of DUT facing phantom at 2.5 cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn401, Calibrated: 7/8/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 43.9$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 60.2 V/m; Power Drift = -0.148 dB
Motorola Fast SAR: SAR(1 g) = 4.74 mW/g; SAR(10 g) = 3.42 mW/g
 Maximum value of SAR (interpolated) = 4.99 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 60.2 V/m; Power Drift = -0.245 dB
 Peak SAR (extrapolated) = 6.00 W/kg
SAR(1 g) = 4.67 mW/g; SAR(10 g) = 3.51 mW/g
 Maximum value of SAR (measured) = 4.92 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.87 mW/g



Section 1.0
764-775 MHz Test Data Face
(Section 13.1 Table 28)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/30/2010 10:04:27 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100730-22
 Phantom# / Tissue Temp.: OVAL1020 / 21.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 769.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / PMMN4060A
 Start Power: 3.09 (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 SAR: 1.52 mW/g (1g); 1.09 mW/g (10g)

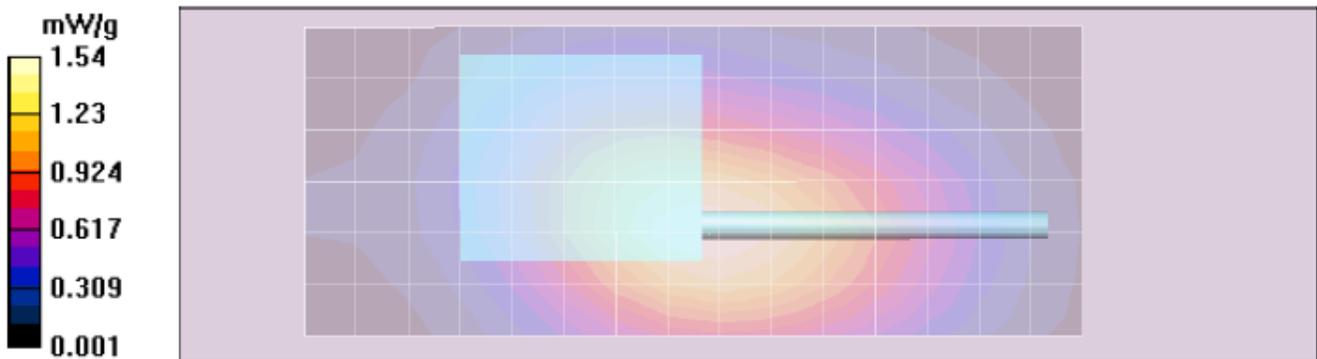
Comments: Antenna NAF5085 on radio, PSM power output = 2.71 W

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 43.2$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 41.9 V/m; Power Drift = -0.0912 dB
Motorola Fast SAR: SAR(1 g) = 1.49 mW/g; SAR(10 g) = 1.07 mW/g
 Maximum value of SAR (interpolated) = 1.58 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 41.9 V/m; Power Drift = -0.140 dB
 Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.46 mW/g; SAR(10 g) = 1.06 mW/g
 Maximum value of SAR (measured) = 1.55 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.54 mW/g



Section 1.0
764-775 MHz Test Data - Face
(Section 13.1 Table 29)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/31/2010 11:06:36 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100731-04
 Phantom# / Tissue Temp.: OVAL1020 / 21.4 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 764.0125 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: None / PMMN4060A
 Start Power: 3.09 (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 SAR: 1.59 mW/g (1g); 1.14 mW/g (10g)

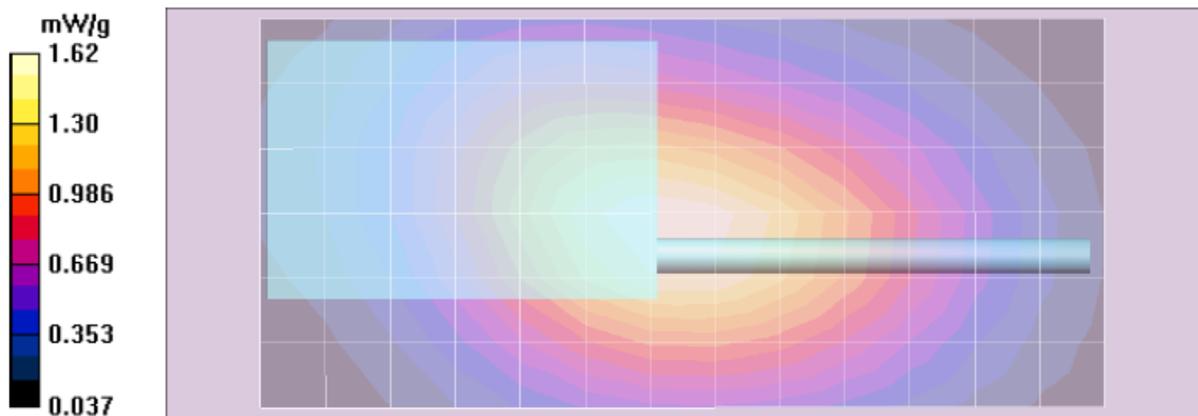
Comments: Tested with NAF5085A Antenna on DUT; "PSM" Power Output = 2.73 W.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.96, 5.96, 5.96)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.86$ mho/m; $\epsilon = 43.3$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 44.1 V/m; Power Drift = -0.101 dB
Motorola Fast SAR: SAR(1 g) = 1.57 mW/g; SAR(10 g) = 1.12 mW/g
 Maximum value of SAR (interpolated) = 1.65 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 44.1 V/m; Power Drift = -0.154 dB
 Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 1.53 mW/g; SAR(10 g) = 1.11 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.61 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 30)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/26/2010 6:10:06 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100726-15
 Phantom# / Tissue Temp.: OVAL1021 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.74 (W)

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

Reported SAR: 3.69 mW/g (1g); 2.69 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Body Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm

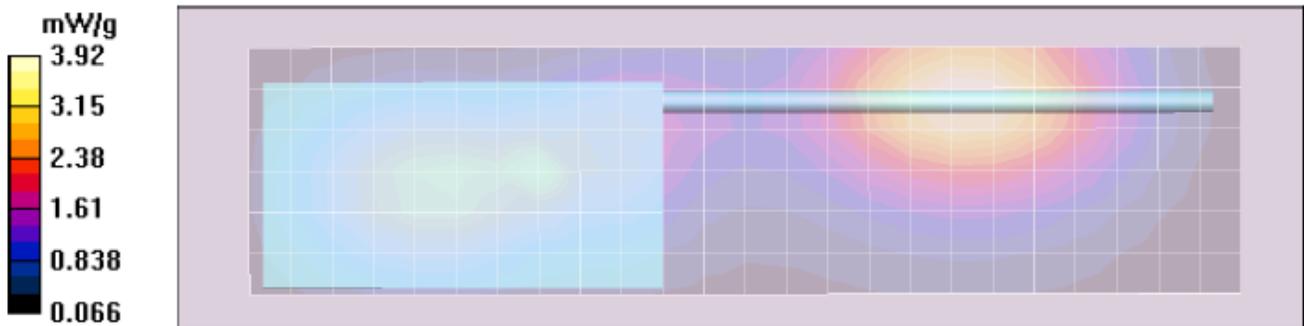
Reference Value = 66.5 V/m; Power Drift = -0.200 dB
Motorola Fast SAR: SAR(1 g) = 3.79 mW/g; SAR(10 g) = 2.7 mW/g
 Maximum value of SAR (interpolated) = 4.00 mW/g

Body Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 66.5 V/m; Power Drift = -0.305 dB
 Peak SAR (extrapolated) = 4.84 W/kg
SAR(1 g) = 3.67 mW/g; SAR(10 g) = 2.68 mW/g
 Maximum value of SAR (measured) = 3.89 mW/g

Body Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 3.85 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 31)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/26/2010 8:25:20 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100726-18
 Phantom# / Tissue Temp.: OVAL1021 / 21.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / HMN4104A
 Start Power: 3.75 (W)

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

Reported SAR: 5.73 mW/g (1g); 4.08 mW/g (10g)

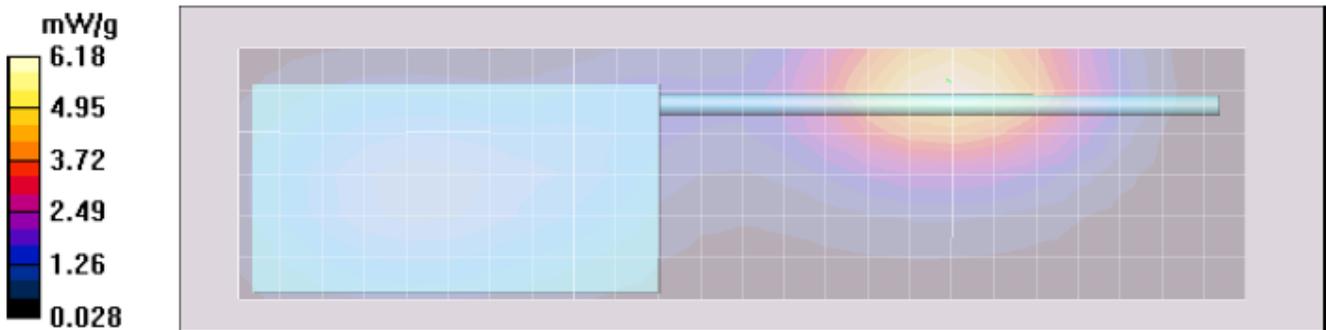
Comments: Back of DUT facing phantom, antenna parallel at 2.5 cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Body Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 80.0 V/m; Power Drift = -0.241 dB
Motorola Fast SAR: SAR(1 g) = 5.86 mW/g; SAR(10 g) = 4.12 mW/g
 Maximum value of SAR (interpolated) = 6.22 mW/g

Body Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 80.0 V/m; Power Drift = -0.326 dB
 Peak SAR (extrapolated) = 7.69 W/kg
SAR(1 g) = 5.7 mW/g; SAR(10 g) = 4.07 mW/g
 Maximum value of SAR (measured) = 6.07 mW/g

Body Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 6.01 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 32)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/26/2010 10:39:19 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100726-21
 Phantom# / Tissue Temp.: OVAL1021 / 21.3 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / HMN4104A
 Start Power: 3.74 (W)

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

Reported SAR: 3.59 mW/g (1g); 2.50 mW/g (10g)

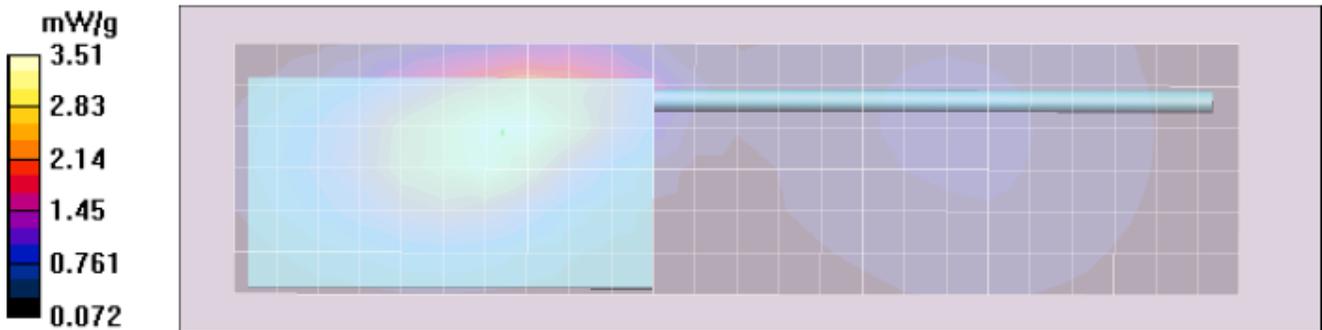
Comments: Back of DUT facing phantom, tested without swivel loop

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Body Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 56.3 V/m; Power Drift = -0.505 dB
Motorola Fast SAR: SAR(1 g) = 3.4 mW/g; SAR(10 g) = 2.38 mW/g
 Maximum value of SAR (interpolated) = 3.62 mW/g

Body Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 56.3 V/m; Power Drift = -0.369 dB
 Peak SAR (extrapolated) = 4.88 W/kg
SAR(1 g) = 3.57 mW/g; SAR(10 g) = 2.49 mW/g
 Maximum value of SAR (measured) = 3.76 mW/g

Body Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.62 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 33)
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/27/2010 12:24:48 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100727-08
 Phantom# / Tissue Temp.: OVAL1021 / 20.9 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A w/ PMLN5658A / HMN4104A
 Start Power: 3.74 (W)

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

Reported SAR: 1.90 mW/g (1g); 1.33 mW/g (10g)

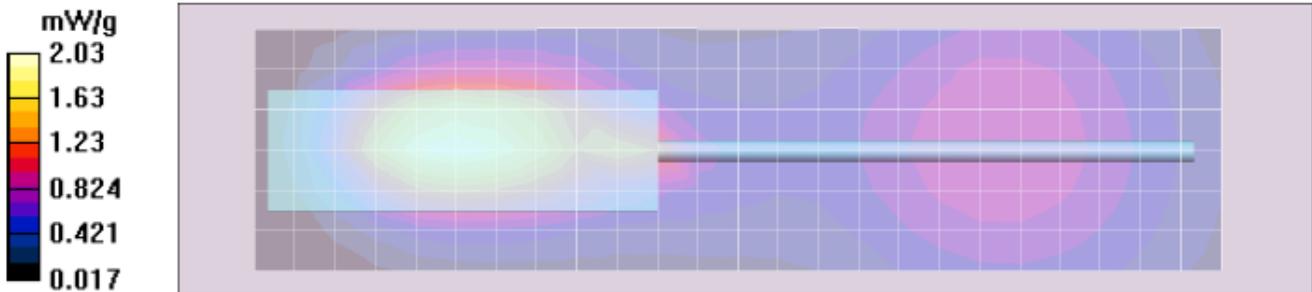
Comments: PTT side of DUT facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 46.0 V/m; Power Drift = -0.237 dB
Motorola Fast SAR: SAR(1 g) = 1.94 mW/g; SAR(10 g) = 1.36 mW/g
 Maximum value of SAR (interpolated) = 2.07 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 46.0 V/m; Power Drift = -0.360 dB
 Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 1.88 mW/g; SAR(10 g) = 1.32 mW/g
 Maximum value of SAR (measured) = 2.00 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.98 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 34)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/27/2010 5:50:58 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100727-14
 Phantom# / Tissue Temp.: OVAL1021 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 806.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / HMN4104A
 Start Power: 3.75 (W)

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

Reported SAR: 6.55 mW/g (1g); 4.62 mW/g (10g)

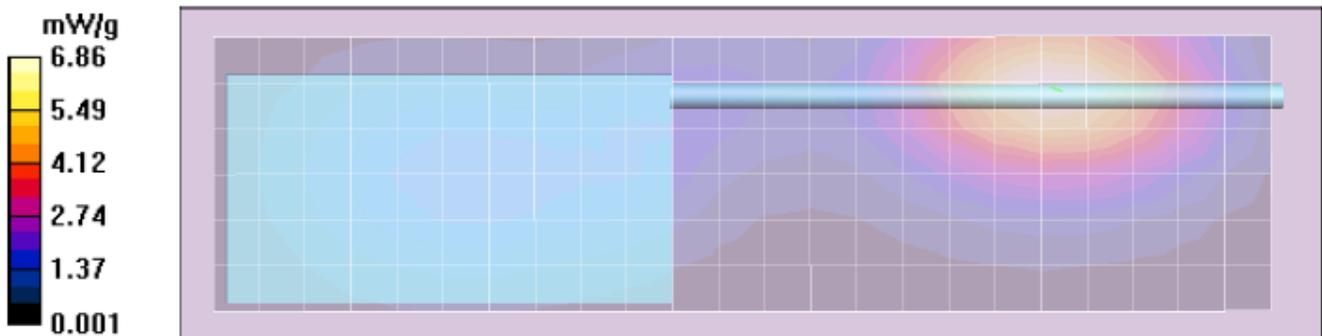
Comments: Back of DUT facing phantom with antenna at 2.5 cm parallel.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x231x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 85.6 V/m; Power Drift = -0.241 dB
Motorola Fast SAR: SAR(1 g) = 6.68 mW/g; SAR(10 g) = 4.68 mW/g
 Maximum value of SAR (interpolated) = 7.10 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 85.6 V/m; Power Drift = -0.321 dB
 Peak SAR (extrapolated) = 8.76 W/kg
SAR(1 g) = 6.48 mW/g; SAR(10 g) = 4.59 mW/g
 Maximum value of SAR (measured) = 6.90 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 6.86 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 35)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/27/2010 9:13:00 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100727-19
 Phantom# / Tissue Temp.: OVAL1021 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.77 (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 SAR: 13.04 mW/g (1g); 7.79 mW/g (10g)

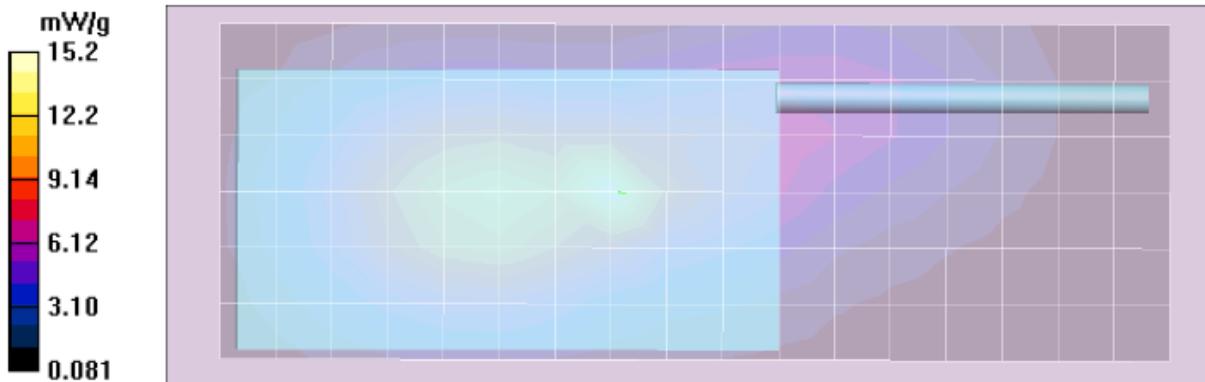
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 74.8 V/m; Power Drift = -0.439 dB
Motorola Fast SAR: SAR(1 g) = 13.4 mW/g; SAR(10 g) = 8.42 mW/g
 Maximum value of SAR (interpolated) = 15.3 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 74.8 V/m; Power Drift = -0.676 dB
 Peak SAR (extrapolated) = 23.3 W/kg
SAR(1 g) = 12.9 mW/g; SAR(10 g) = 7.74 mW/g
 Maximum value of SAR (measured) = 14.2 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 13.9 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 36)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/28/2010 8:15:12 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100728-08
 Phantom# / Tissue Temp.: OVAL1021 / 21.6 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / HMN4104A
 Start Power: 3.77 (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 SAR: 5.69 mW/g (1g); 4.23 mW/g (10g)

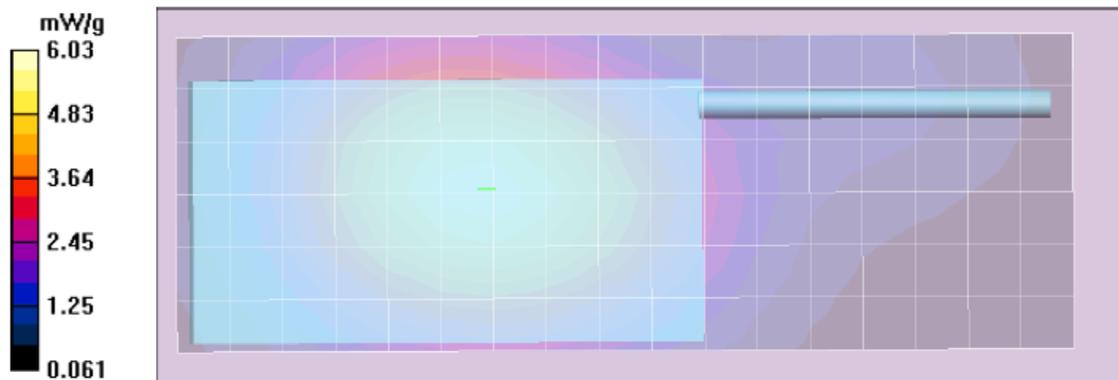
Comments: Back of DUT facing phantom at 2.5 cm parallel

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 69.0 V/m; Power Drift = -0.157 dB
Motorola Fast SAR: SAR(1 g) = 5.74 mW/g; SAR(10 g) = 4.12 mW/g
 Maximum value of SAR (interpolated) = 6.05 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 69.0 V/m; Power Drift = -0.218 dB
 Peak SAR (extrapolated) = 7.33 W/kg
SAR(1 g) = 5.66 mW/g; SAR(10 g) = 4.22 mW/g
 Maximum value of SAR (measured) = 5.97 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.94 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 37)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/29/2010 8:10:45 AM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100729-04
 Phantom# / Tissue Temp.: OVAL1021 / 21.7 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / HMN4104A
 Start Power: 3.73 (W)

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

Reported SAR: 7.58 mW/g (1g); 5.10 mW/g (10g)

Comments: Back of DUT facing phantom; Tested without Belt Loop and Zoom Extents set to 45mm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

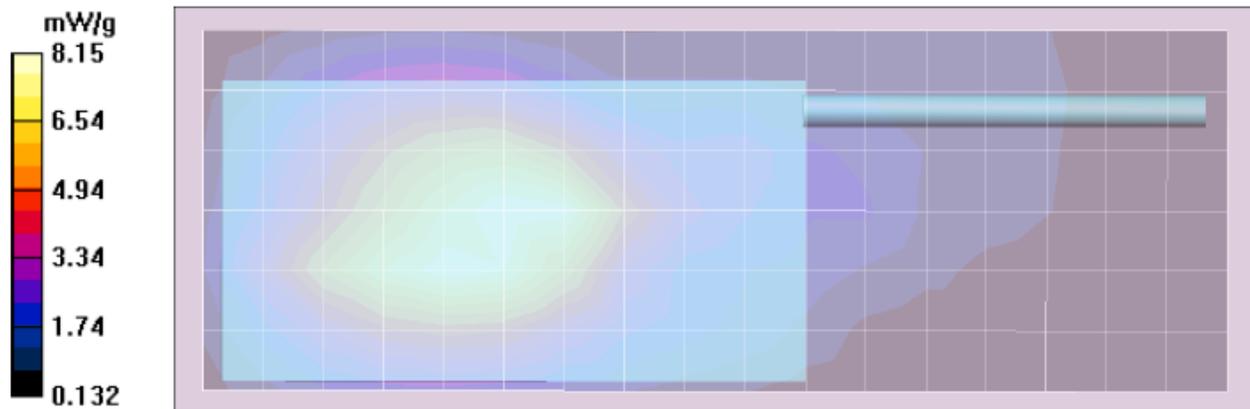
Reference Value = 56.8 V/m; Power Drift = -0.200 dB
Motorola Fast SAR: SAR(1 g) = 7.98 mW/g; SAR(10 g) = 5.65 mW/g
 Maximum value of SAR (interpolated) = 8.47 mW/g

Ab Scan/3-Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 98.1 V/m; Power Drift = -0.570 dB
 Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 7.58 mW/g; SAR(10 g) = 5.1 mW/g
 Maximum value of SAR (measured) = 8.36 mW/g

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

Maximum value of SAR (measured) = 10.1 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 38)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/28/2010 11:52:56 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100728-12
 Phantom# / Tissue Temp.: OVAL1021 / 21.5 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5658A / HMN4104A
 Start Power: 3.72 (W)

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

Reported SAR: 8.37 mW/g (1g); 5.87 mW/g (10g)

Comments: PTT side of DUT toward phantom

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

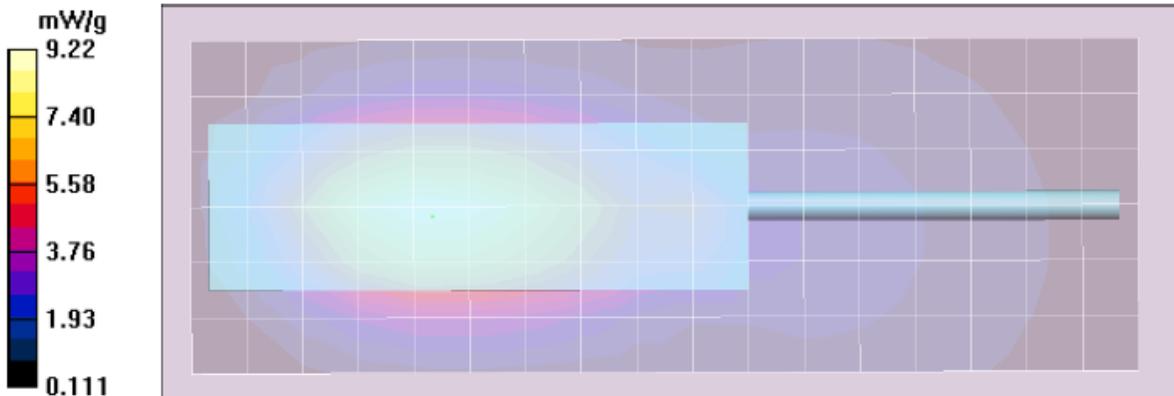
Reference Value = 93.2 V/m; Power Drift = -0.330 dB
Motorola Fast SAR: SAR(1 g) = 8.82 mW/g; SAR(10 g) = 6.15 mW/g
 Maximum value of SAR (interpolated) = 9.39 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 93.2 V/m; Power Drift = -0.462 dB
 Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 8.33 mW/g; SAR(10 g) = 5.85 mW/g
 Maximum value of SAR (measured) = 8.87 mW/g

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

Maximum value of SAR (measured) = 8.79 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 39)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/28/2010 5:33:38 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100728-04
 Phantom# / Tissue Temp.: OVAL1021 / 21.7 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 806.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.75 (W)

Note:

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

Reported SAR: 13.47 mW/g (1g); 8.47 mW/g (10g)

Comments:

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

Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 87.0 V/m; Power Drift = -0.387 dB

Motorola Fast SAR: SAR(1 g) = 13.5 mW/g; SAR(10 g) = 8.7 mW/g

Maximum value of SAR (interpolated) = 15.0 mW/g

Ab Scan/3-Zoom Scan (21x21x36)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 87.0 V/m; Power Drift = -0.531 dB

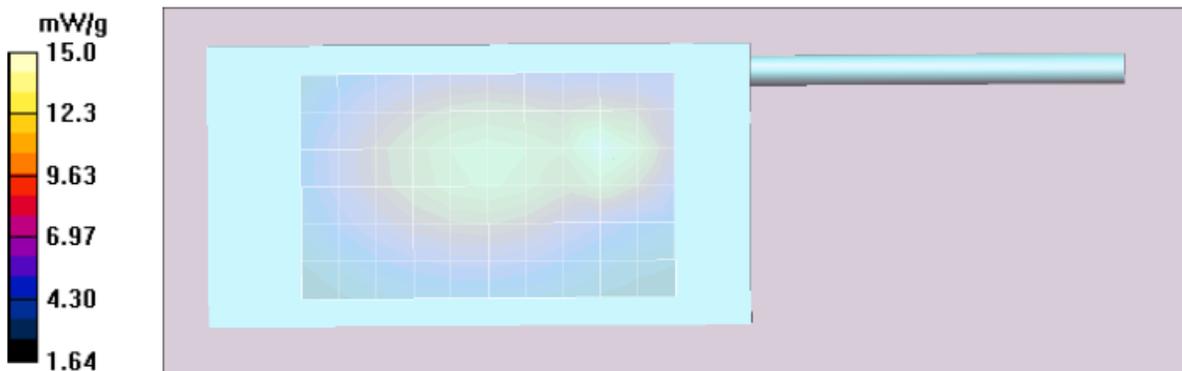
Peak SAR (extrapolated) = 23.1 W/kg

Motorola Fast SAR: SAR(1 g) = 13.4 mW/g; SAR(10 g) = 8.45 mW/g

Maximum value of SAR (interpolated) = 23.1 mW/g

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

Maximum value of SAR (measured) = 13.9 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 40)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/29/2010 7:56:55 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100729-18
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: 4205823V01 PSM belt clip / PMMN4061A
 Start Power: 3.76 (W)

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

Reported SAR: 3.35 mW/g (1g); 2.15 mW/g (10g)

Comments: Antenna NAF5085A on radio, 2.90 W output from PSM

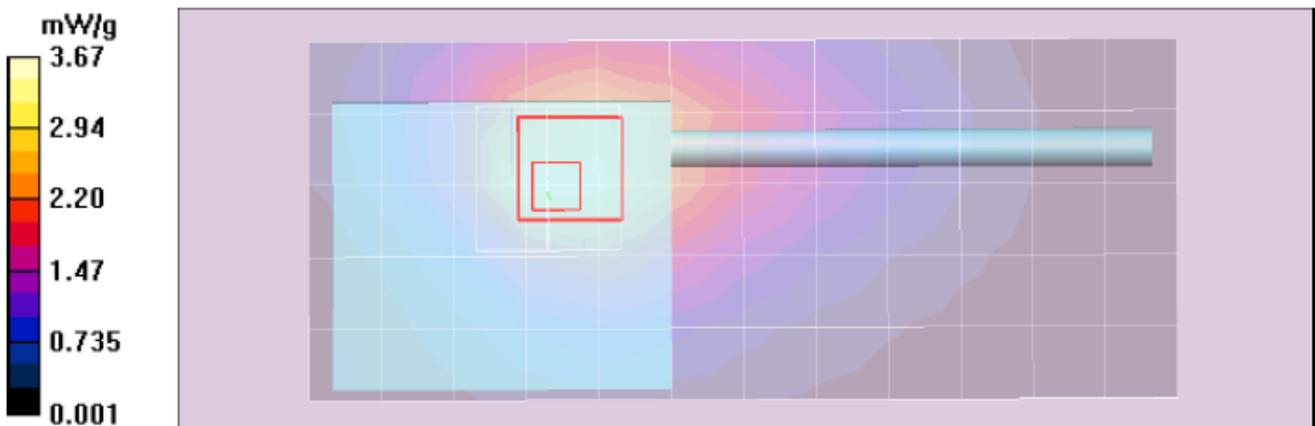
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 42.7 V/m; Power Drift = -0.484 dB
Motorola Fast SAR: SAR(1 g) = 3.43 mW/g; SAR(10 g) = 2.32 mW/g
 Maximum value of SAR (interpolated) = 3.80 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 42.7 V/m; Power Drift = -0.770 dB
 Peak SAR (extrapolated) = 5.45 W/kg
SAR(1 g) = 3.35 mW/g; SAR(10 g) = 2.15 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) = 3.72 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.67 mW/g



Section 2.0
794-824 MHz Test Data - Body
(Section 13.2 Table 41)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/1/2010 12:05:59 AM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100731-25
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 823.9875 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: 4205823V01 PSM belt clip / PMMN4061A
 Start Power: 3.75 (W)

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

Reported SAR: 4.20 mW/g (1g); 2.65 mW/g (10g)

Comments: Antenna NAF5085A on radio, 2.99 W output from PSM

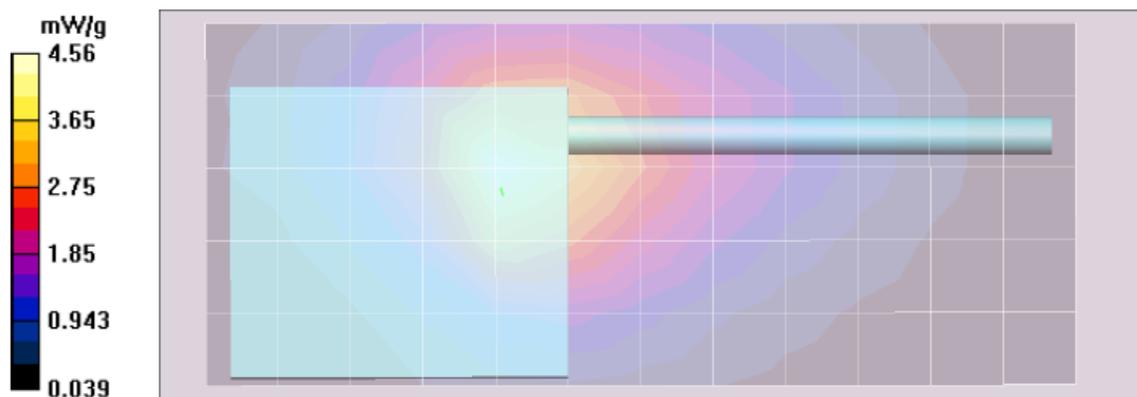
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010

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

Ab Scan/1-Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 50.2 V/m; Power Drift = -0.235 dB
Motorola Fast SAR: SAR(1 g) = 4.31 mW/g; SAR(10 g) = 2.86 mW/g
 Maximum value of SAR (interpolated) = 4.74 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 50.2 V/m; Power Drift = -0.446 dB
 Peak SAR (extrapolated) = 6.84 W/kg
SAR(1 g) = 4.18 mW/g; SAR(10 g) = 2.64 mW/g
 Maximum value of SAR (measured) = 4.53 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.63 mW/g



Section 2.0
794-824 MHz Test Data - Face
(Section 13.2 Table 42)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/30/2010 12:07:26 PM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100730-08
 Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 809.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.75 (W)

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

Reported SAR: 2.39 mW/g (1g); 1.73 mW/g (10g)

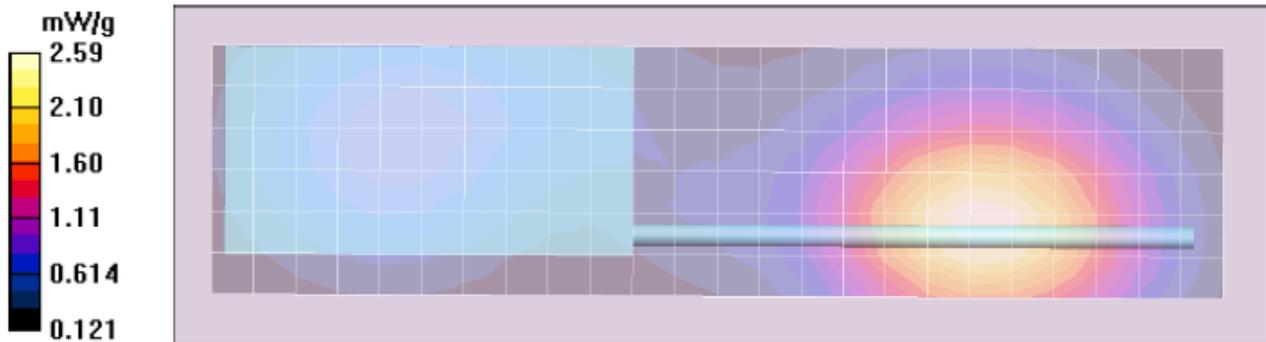
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 54.4 V/m; Power Drift = -0.404 dB
Motorola Fast SAR: SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.78 mW/g
 Maximum value of SAR (interpolated) = 2.62 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 54.4 V/m; Power Drift = -0.498 dB
 Peak SAR (extrapolated) = 3.09 W/kg
SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.7 mW/g
 Maximum value of SAR (measured) = 2.45 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.45 mW/g



Section 2.0
794-824 MHz Test Data - Face
(Section 13.2 Table 43)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/12/2010 8:26:17 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100812-07
 Phantom# / Tissue Temp.: OVAL1020 / 20.5 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 823.9875 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.75 (W)

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

Reported SAR: 2.24 mW/g (1g); 1.63 mW/g (10g)

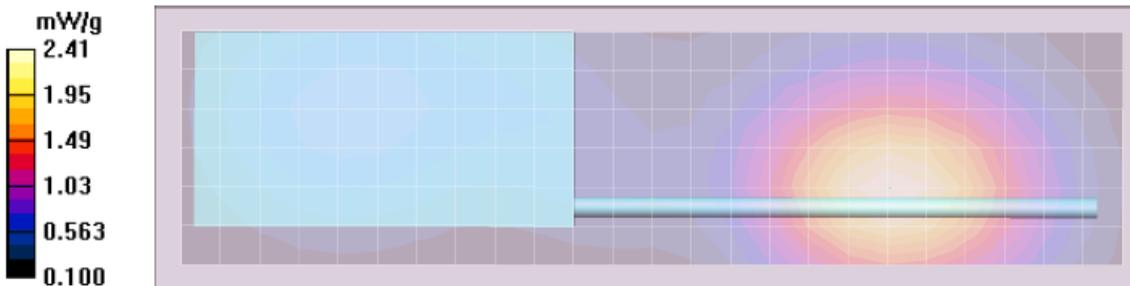
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/8/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 50.4 V/m; Power Drift = -0.179 dB
Motorola Fast SAR: SAR(1 g) = 2.29 mW/g; SAR(10 g) = 1.64 mW/g
 Maximum value of SAR (interpolated) = 2.42 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 50.4 V/m; Power Drift = -0.240 dB
 Peak SAR (extrapolated) = 2.92 W/kg
SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.62 mW/g
 Maximum value of SAR (measured) = 2.34 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.33 mW/g



Section 2.0
794-824 MHz Test Data - Face
(Section 13.2 Table 44)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/30/2010 4:42:03 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100730-14
 Phantom# / Tissue Temp.: OVAL1020 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.75 (W)

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

Reported SAR: 5.08 mW/g (1g); 3.73 mW/g (10g)

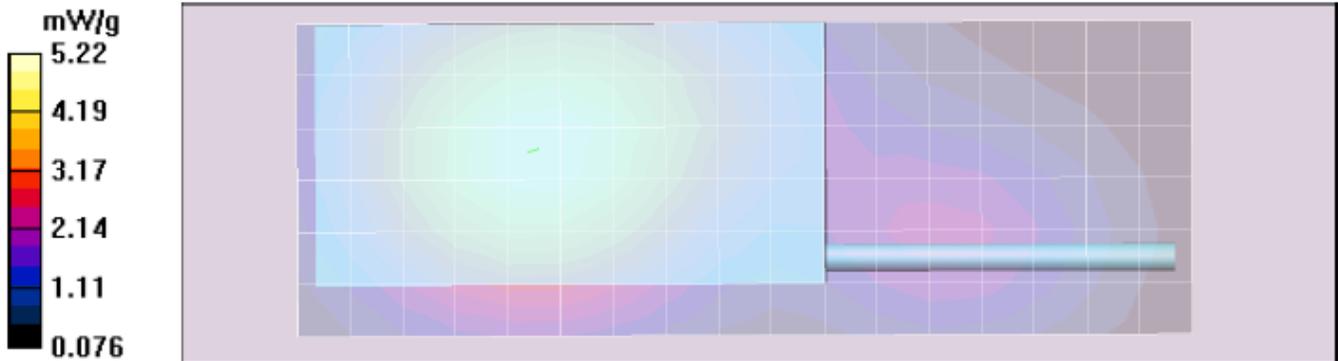
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 57.9 V/m; Power Drift = -0.0666 dB
Motorola Fast SAR: SAR(1 g) = 5.09 mW/g; SAR(10 g) = 3.67 mW/g
 Maximum value of SAR (interpolated) = 5.36 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 57.9 V/m; Power Drift = -0.129 dB
 Peak SAR (extrapolated) = 6.55 W/kg
SAR(1 g) = 4.96 mW/g; SAR(10 g) = 3.67 mW/g
 Maximum value of SAR (measured) = 5.23 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.24 mW/g



Section 2.0
794-824 MHz Test Data – Face
(Section 13.2 Table 45)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 8/12/2010 9:36:40 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100812-08
 Phantom# / Tissue Temp.: OVAL1020 / 20.5 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 806.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.73 (W)

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

Reported SAR: 5.62 mW/g (1g); 4.17 mW/g (10g)

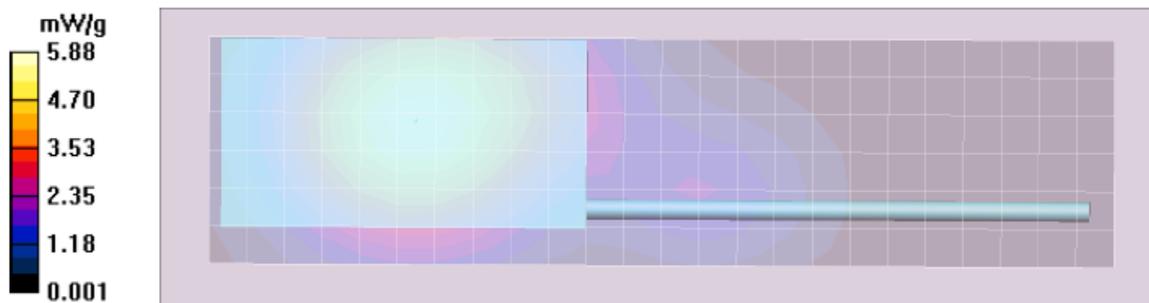
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/8/2010
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 61.4 V/m; Power Drift = -0.118 dB
Motorola Fast SAR: SAR(1 g) = 5.67 mW/g; SAR(10 g) = 4.08 mW/g
 Maximum value of SAR (interpolated) = 5.98 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 61.4 V/m; Power Drift = -0.173 dB
 Peak SAR (extrapolated) = 7.22 W/kg
SAR(1 g) = 5.57 mW/g; SAR(10 g) = 4.14 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.86 mW/g



Section 2.0
794-824 MHz Test Data – Face
(Section 13.2 Table 46)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/30/2010 8:51:16 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100730-20
 Phantom# / Tissue Temp.: OVAL1020 / 21.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
 Battery: PMMN4403A
 Carry Acc. / Cable Acc.: None / PMMN4061A
 Start Power: 3.76 (W)

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

Reported SAR: 1.015 mW/g (1g); 0.728 mW/g (10g)

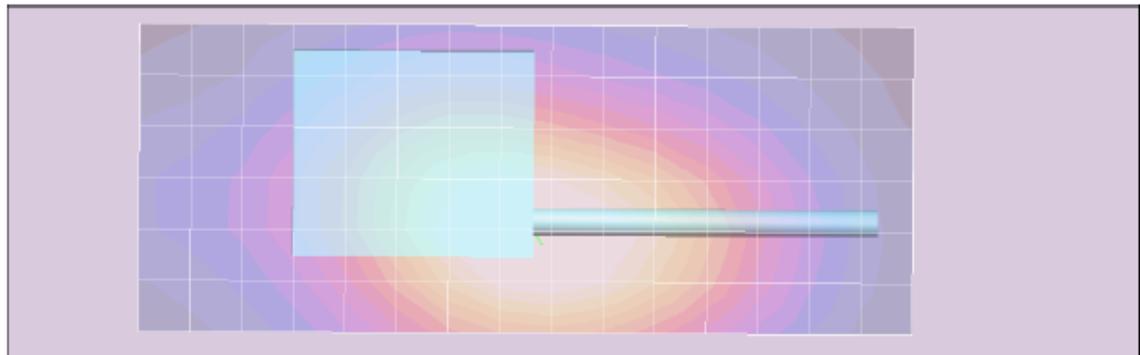
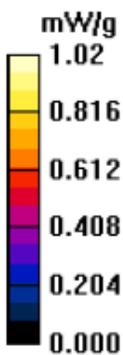
Comments: Antenna NAF5085 on radio, PSM power output = 2.96 W

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 36.5 V/m; Power Drift = -0.371 dB
Motorola Fast SAR: SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.788 mW/g
 Maximum value of SAR (interpolated) = 1.16 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 36.5 V/m; Power Drift = -0.669 dB
 Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.716 mW/g
 Maximum value of SAR (measured) = 1.05 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.02 mW/g



Section 2.0
794-824 MHz Test Data – Face
(Section 13.2 Table 47)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/31/2010 9:54:46 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100731-03
 Phantom# / Tissue Temp.: OVAL1020 / 21.4 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 823.9875 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / PMMN4061A
 Start Power: 3.77 (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 SAR: 1.19 mW/g (1g); 0.852 mW/g (10g)

Comments: Tested with NAF5085A Antenna on DUT; "PSM" Power Output = 2.85 W.

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

Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 38.9 V/m; Power Drift = -0.310 dB

Motorola Fast SAR: SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.891 mW/g

Maximum value of SAR (interpolated) = 1.31 mW/g

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

Reference Value = 38.9 V/m; Power Drift = -0.518 dB

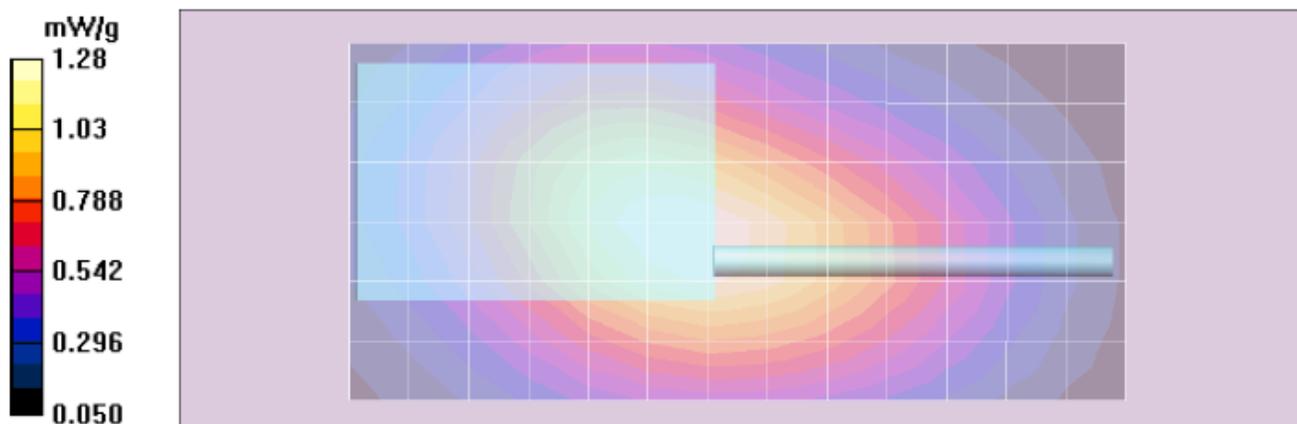
Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.837 mW/g

Maximum value of SAR (measured) = 1.23 mW/g

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

Maximum value of SAR (measured) = 1.21 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 48)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/23/2010 7:15:04 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100723-13
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.74 (W)

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

Reported SAR: 5.14 mW/g (1g); 3.11 mW/g (10g)

Comments:

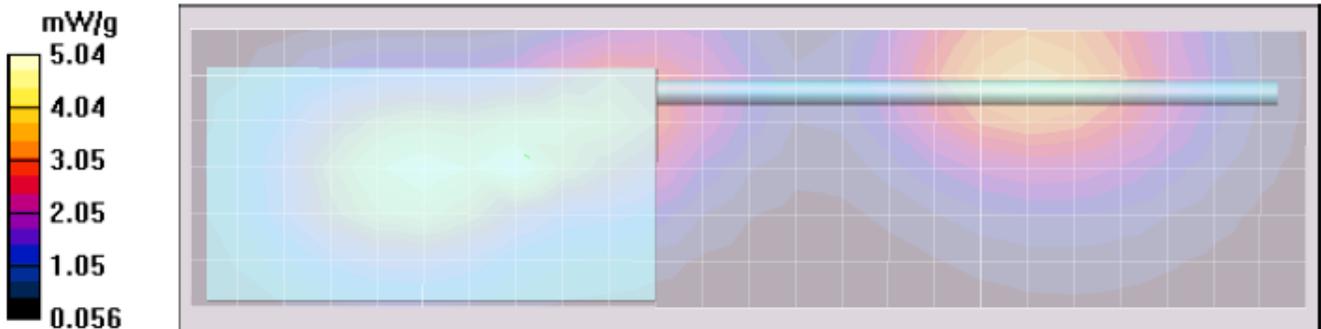
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5 \text{ MHz}$; $\sigma = 1.03 \text{ mho/m}$; $\epsilon_r = 55.7$; $\rho = 1000 \text{ kg/m}^3$

Body Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 61.5 V/m; Power Drift = -0.287 dB
Motorola Fast SAR: SAR(1 g) = 4.69 mW/g; SAR(10 g) = 3.18 mW/g
 Maximum value of SAR (interpolated) = 5.21 mW/g

Body Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 61.5 V/m; Power Drift = -0.314 dB
 Peak SAR (extrapolated) = 5.91 W/kg
Motorola Fast SAR: SAR(1 g) = 5.36 mW/g; SAR(10 g) = 3.34 mW/g
 Maximum value of SAR (interpolated) = 5.91 mW/g

Body Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 61.5 V/m; Power Drift = -0.344 dB
 Peak SAR (extrapolated) = 8.92 W/kg
SAR(1 g) = 5.11 mW/g; SAR(10 g) = 3.09 mW/g
 Maximum value of SAR (measured) = 5.54 mW/g

Body Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.56 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 49)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/23/2010 8:27:10 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100723-14
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / HMN4104A
 Start Power: 3.73 (W)

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

Reported SAR: 7.26 mW/g (1g); 5.10 mW/g (10g)

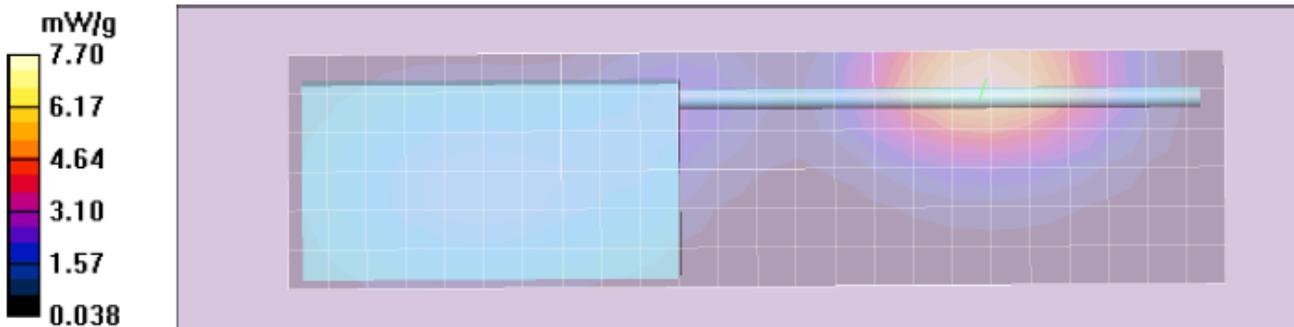
Comments: Back of DUT facing phantom, antenna at 2.5 cm parallel

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Body Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 81.3 V/m; Power Drift = -0.218 dB
Motorola Fast SAR: SAR(1 g) = 7.4 mW/g; SAR(10 g) = 5.16 mW/g
 Maximum value of SAR (interpolated) = 7.86 mW/g

Body Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 81.3 V/m; Power Drift = -0.319 dB
 Peak SAR (extrapolated) = 9.85 W/kg
SAR(1 g) = 7.21 mW/g; SAR(10 g) = 5.07 mW/g
 Maximum value of SAR (measured) = 7.68 mW/g

Body Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 7.63 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 50)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 7/23/2010 10:42:13 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100723-17
 Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / HMN4104A
 Start Power: 3.75 (W)

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

Reported SAR: 4.06 mW/g (1g); 2.08 mW/g (10g)

Comments: Without belt loop, back facing phantom

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Body Scan/1-Area Scan (91x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 30.2 V/m; Power Drift = -0.115 dB
Motorola Fast SAR: SAR(1 g) = 3.73 mW/g; SAR(10 g) = 2.22 mW/g
 Maximum value of SAR (interpolated) = 4.59 mW/g

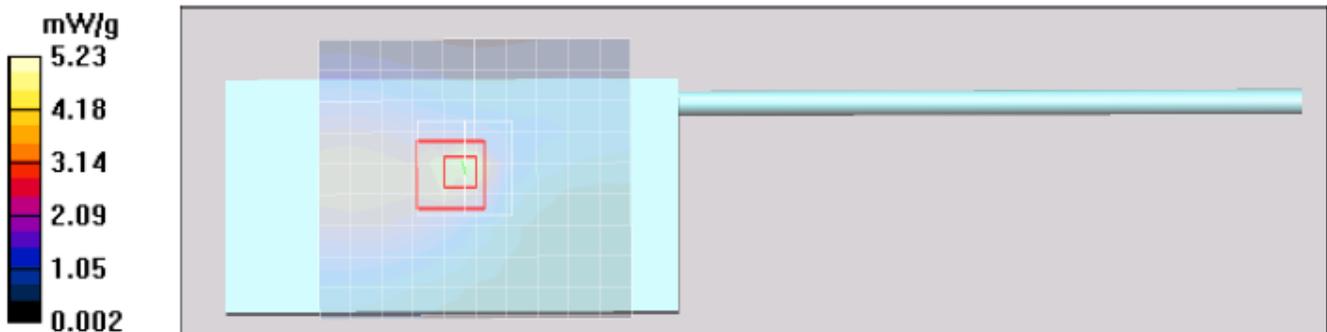
Body Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.2 V/m; Power Drift = -0.267 dB
 Peak SAR (extrapolated) = 9.75 W/kg
SAR(1 g) = 4.03 mW/g; SAR(10 g) = 2.07 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) = 5.35 mW/g

Body Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 5.23 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 51)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/23/2010 9:09:38 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100723-15
 Phantom# / Tissue Temp.: OVAL1021 / 21.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A w/ PMLN5658A / HMN4104A
 Start Power: 3.75 (W)

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

Reported SAR: 2.70 mW/g (1g); 1.87 mW/g (10g)

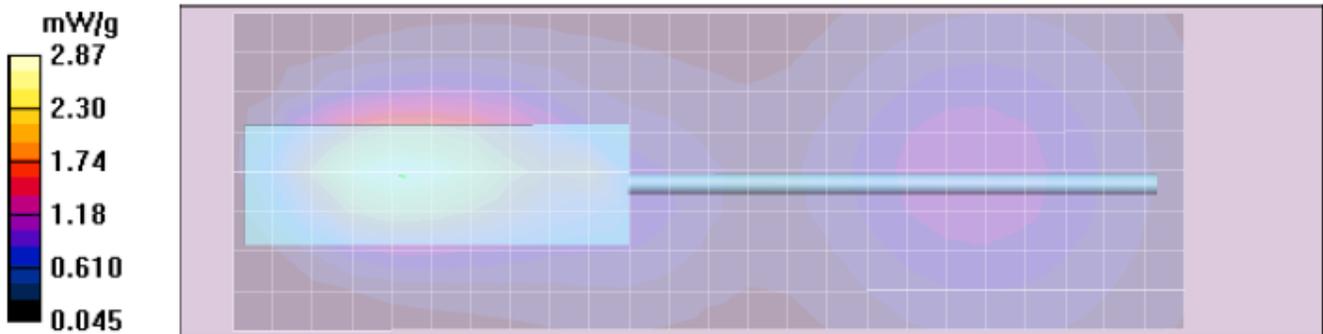
Comments: PTT side of DUT facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (81x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 48.1 V/m; Power Drift = -0.126 dB
Motorola Fast SAR: SAR(1 g) = 2.71 mW/g; SAR(10 g) = 1.88 mW/g
 Maximum value of SAR (interpolated) = 2.89 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 48.1 V/m; Power Drift = -0.185 dB
 Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.86 mW/g
 Maximum value of SAR (measured) = 2.86 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 2.82 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 52)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/24/2010 1:46:54 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100724-08
Phantom# / Tissue Temp.: OVAL1021 / 21.1 (C)
DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
Antenna / TX Freq.: NAF5085A / 869.9875 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / HMN4104A
Start Power: 3.76 (W)

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

Reported SAR: 7.29 mW/g (1g); 5.11 mW/g (10g)

Comments: Back- Antenna @ 2.5 cm.

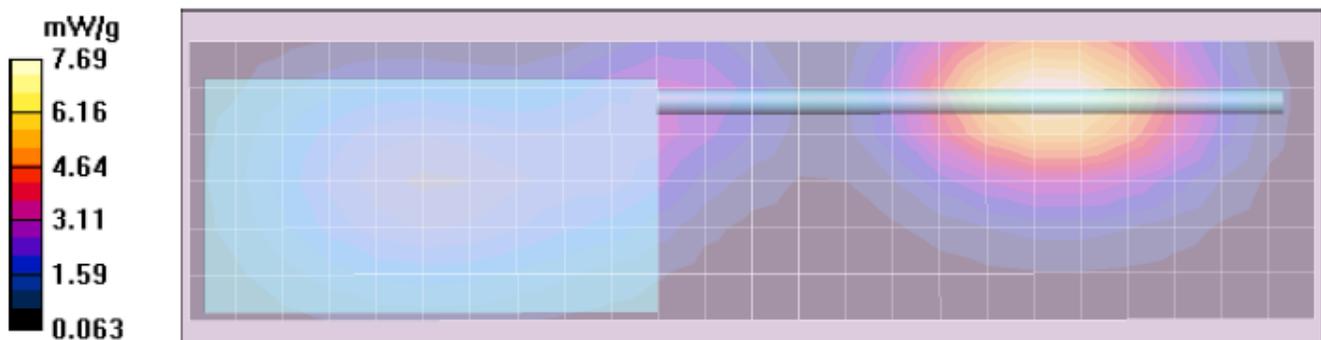
Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 86.9 V/m; Power Drift = -0.228 dB
Motorola Fast SAR: SAR(1 g) = 7.4 mW/g; SAR(10 g) = 5.15 mW/g
Maximum value of SAR (interpolated) = 7.85 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 86.9 V/m; Power Drift = -0.290 dB
Peak SAR (extrapolated) = 9.90 W/kg
SAR(1 g) = 7.25 mW/g; SAR(10 g) = 5.09 mW/g
Maximum value of SAR (measured) = 7.74 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.67 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 53)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/4/2010 4:28:23 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100804-02
 Phantom# / Tissue Temp.: OVAL1021 / 21.5 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 851.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / HMN4104A
 Start Power: 3.73 (W)

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

Reported SAR: 11.1 mW/g (1g); 6.37 mW/g (10g)

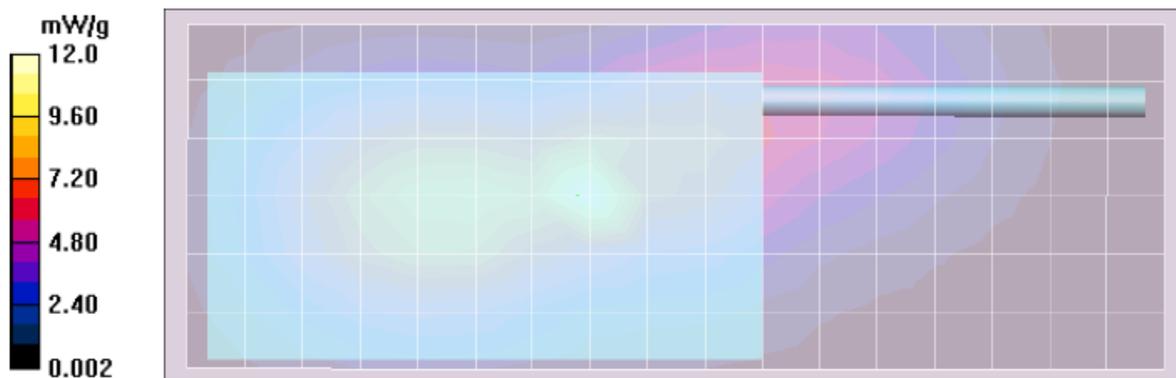
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 79.0 V/m; Power Drift = -0.353 dB
Motorola Fast SAR: SAR(1 g) = 11.1 mW/g; SAR(10 g) = 6.8 mW/g
 Maximum value of SAR (interpolated) = 12.9 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 79.0 V/m; Power Drift = -0.487 dB
 Peak SAR (extrapolated) = 20.5 W/kg
SAR(1 g) = 11.1 mW/g; SAR(10 g) = 6.37 mW/g
 Maximum value of SAR (measured) = 12.3 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 12.0 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 54)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 7/24/2010 7:17:46 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100724-16
 Phantom# / Tissue Temp.: OVAL1021 / 21.4 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / HMN4104A
 Start Power: 3.74 (W)

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

Reported SAR: 4.67 mW/g (1g); 3.44 mW/g (10g)

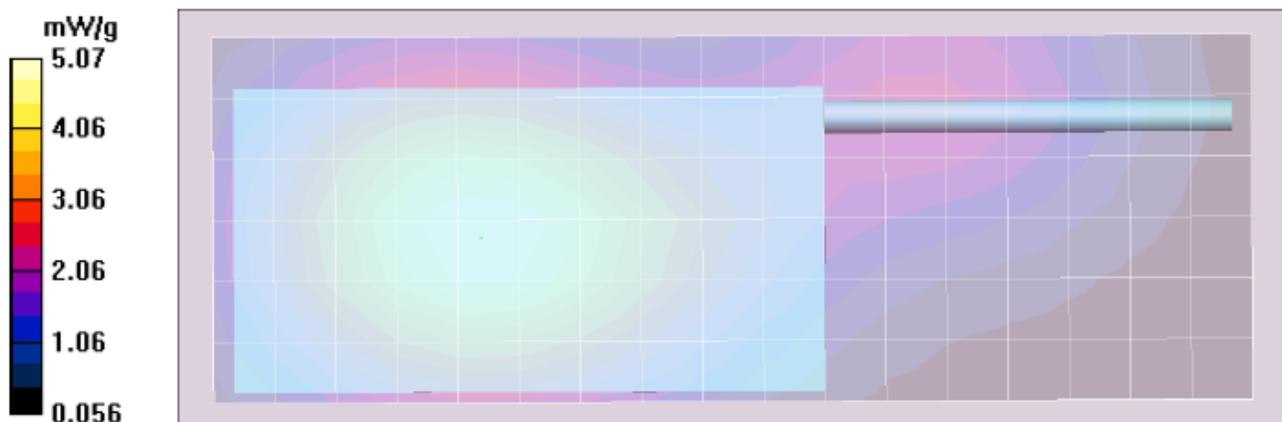
Comments: Back of DUT facing phantom at 2.5 cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 55.4 V/m; Power Drift = -0.372 dB
Motorola Fast SAR: SAR(1 g) = 4.9 mW/g; SAR(10 g) = 3.51 mW/g
 Maximum value of SAR (interpolated) = 5.17 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 55.4 V/m; Power Drift = -0.529 dB
 Peak SAR (extrapolated) = 6.08 W/kg
SAR(1 g) = 4.65 mW/g; SAR(10 g) = 3.43 mW/g
 Maximum value of SAR (measured) = 4.90 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.84 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 55)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/26/2010 12:14:13 PM

Robot# / Run#: DASY4-FL-1 / JsT-Ab-100726-09
 Phantom# / Tissue Temp.: OVAL1021 / 21.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / HMN4104A
 Start Power: 3.74 (W)

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

Reported SAR: 5.67 mW/g (1g); 3.98 mW/g (10g)

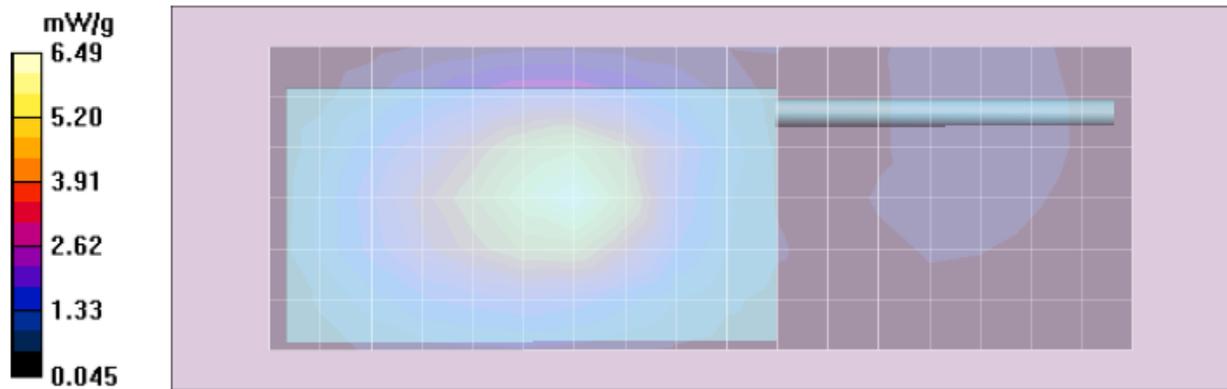
Comments: Tested without belt loop; Back of DUT facing phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 58.8 V/m; Power Drift = -0.522 dB
Motorola Fast SAR: SAR(1 g) = 6.12 mW/g; SAR(10 g) = 4.19 mW/g
 Maximum value of SAR (interpolated) = 6.56 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 58.8 V/m; Power Drift = -0.790 dB
 Peak SAR (extrapolated) = 7.73 W/kg
SAR(1 g) = 5.67 mW/g; SAR(10 g) = 3.98 mW/g
 Maximum value of SAR (measured) = 6.11 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 6.05 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 56)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/24/2010 11:30:55 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100724-22
 Phantom# / Tissue Temp.: OVAL1021 / 21.4 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5658A / HMN4104A
 Start Power: 3.77 (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 SAR: 5.20 mW/g (1g); 3.60 mW/g (10g)

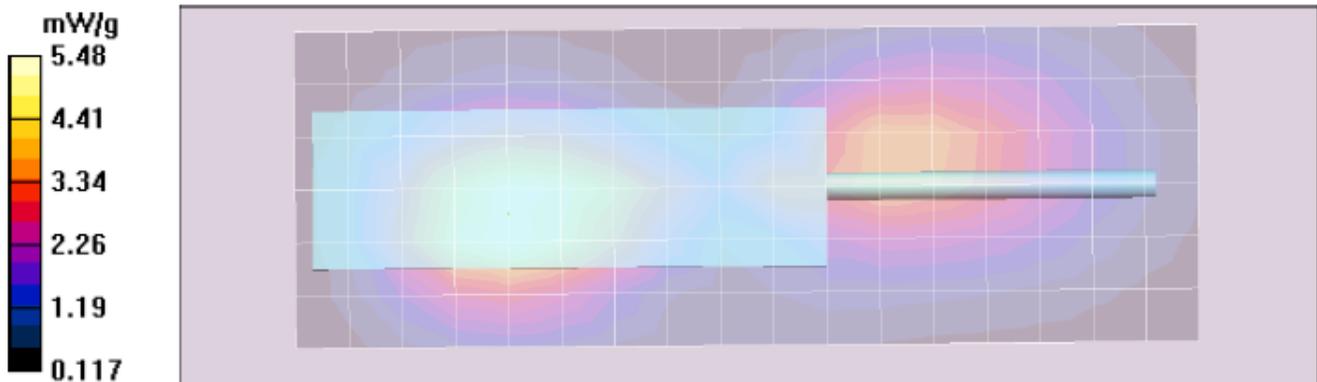
Comments: ACC side toward phantom

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 69.6 V/m; Power Drift = -0.430 dB
Motorola Fast SAR: SAR(1 g) = 5.58 mW/g; SAR(10 g) = 3.85 mW/g
 Maximum value of SAR (interpolated) = 5.96 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 69.6 V/m; Power Drift = -0.672 dB
 Peak SAR (extrapolated) = 7.13 W/kg
SAR(1 g) = 5.17 mW/g; SAR(10 g) = 3.58 mW/g
 Maximum value of SAR (measured) = 5.54 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 5.41 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 58)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/31/2010 7:28:22 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100731-17
 Phantom# / Tissue Temp.: OVAL1021 / 21.3 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: 4205823V01 PSM belt clip / PMMN4059A
 Start Power: 3.77 (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 SAR: 3.68 mW/g (1g); 2.19 mW/g (10g)

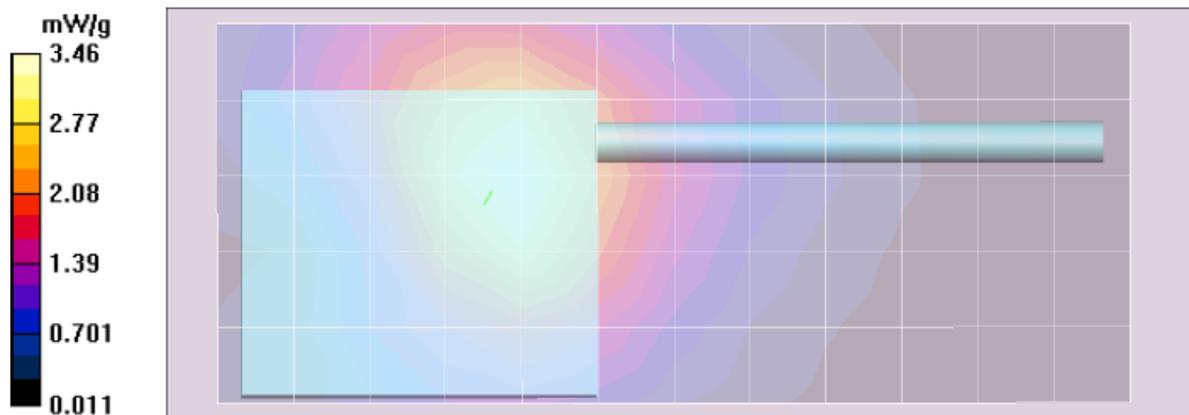
Comments: Antenna NAF5085A on radio, 3.25 W output from PSM

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 33.6 V/m; Power Drift = -0.358 dB
Motorola Fast SAR: SAR(1 g) = 3.29 mW/g; SAR(10 g) = 2.28 mW/g
 Maximum value of SAR (interpolated) = 3.48 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 33.6 V/m; Power Drift = -0.692 dB
 Peak SAR (extrapolated) = 6.93 W/kg
SAR(1 g) = 3.68 mW/g; SAR(10 g) = 2.19 mW/g
 Maximum value of SAR (measured) = 3.98 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.26 mW/g



Section 3.0
851-870 MHz Test Data – Body
(Section 13.3 Table 59)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/31/2010 9:52:14 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100731-21
 Phantom# / Tissue Temp.: OVAL1021 / 21.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 851.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: 4205823V01 PSM belt clip / PMMN4059A
 Start Power: 3.75 (W)

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

Reported SAR: 3.14 mW/g (1g); 1.95 mW/g (10g)

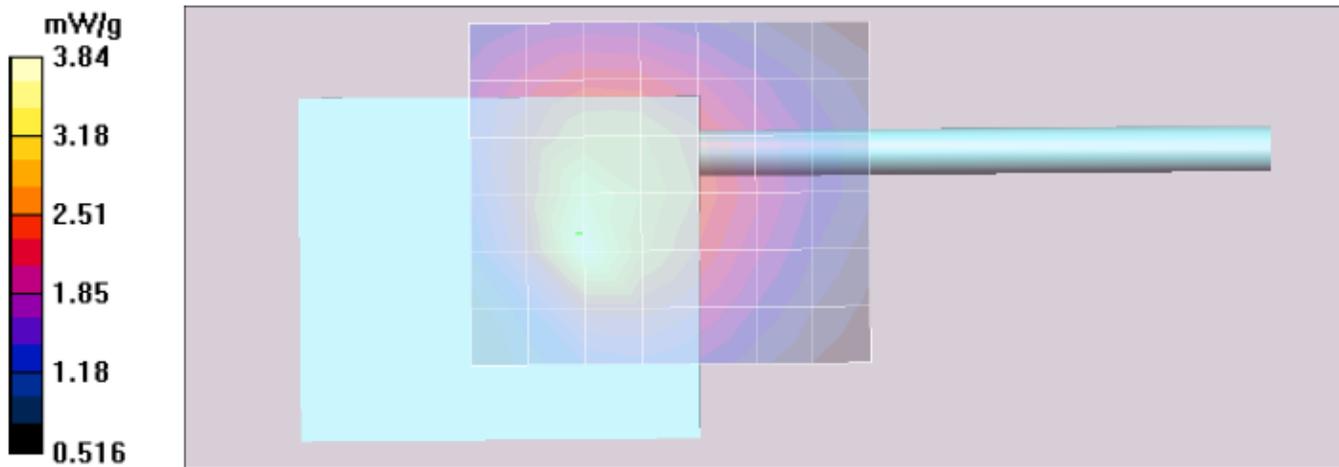
Comments: Antenna NAF5085A on radio, 3.19 W output from PSM

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 35.8 V/m; Power Drift = -0.442 dB
Motorola Fast SAR: SAR(1 g) = 3.44 mW/g; SAR(10 g) = 2.19 mW/g
 Maximum value of SAR (interpolated) = 4.06 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 35.8 V/m; Power Drift = -0.745 dB
 Peak SAR (extrapolated) = 5.51 W/kg
SAR(1 g) = 3.14 mW/g; SAR(10 g) = 1.95 mW/g
 Maximum value of SAR (measured) = 3.62 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.55 mW/g



Section 3.0
851-870 MHz Test Data – Face
(Section 13.3 Table 60)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 7/30/2010 9:01:14 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100730-04
 Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.76 (W)

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

Reported SAR: 2.89 mW/g (1g); 2.08 mW/g (10g)

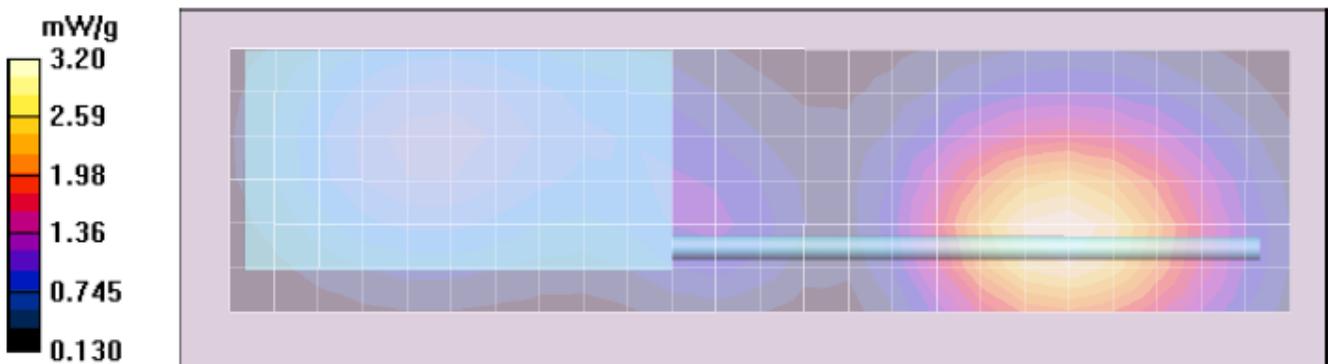
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 55.1 V/m; Power Drift = -0.381 dB
Motorola Fast SAR: SAR(1 g) = 3.07 mW/g; SAR(10 g) = 2.19 mW/g
 Maximum value of SAR (interpolated) = 3.24 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 55.1 V/m; Power Drift = -0.510 dB
 Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 2.87 mW/g; SAR(10 g) = 2.07 mW/g
 Maximum value of SAR (measured) = 3.03 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.00 mW/g



Section 3.0
851-870 MHz Test Data – Face
(Section 13.3 Table 61)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 8/12/2010 4:32:48 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100812-02
 Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAF5085A / 851.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.68 (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 SAR: 3.23 mW/g (1g); 2.31 mW/g (10g)

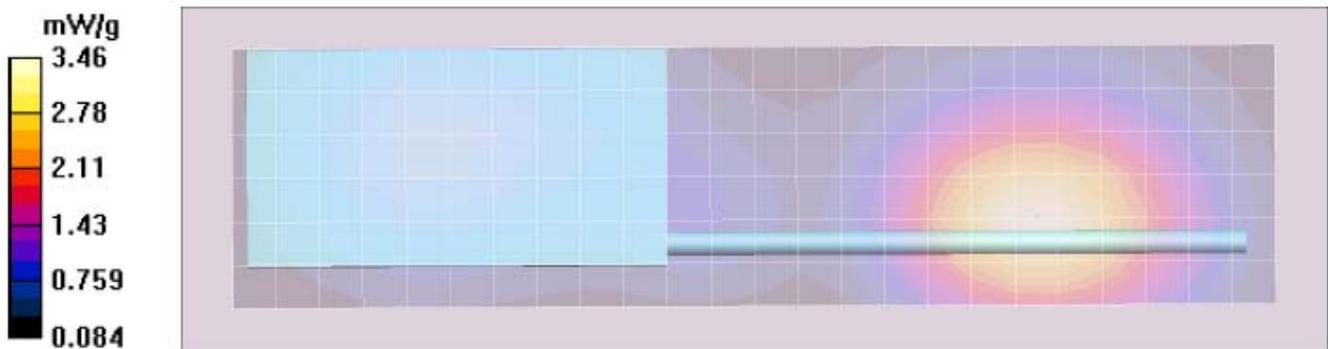
Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn401, Calibrated: 7/8/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 57.2 V/m; Power Drift = -0.207 dB
Motorola Fast SAR: SAR(1 g) = 3.32 mW/g; SAR(10 g) = 2.36 mW/g
 Maximum value of SAR (interpolated) = 3.51 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 57.2 V/m; Power Drift = -0.278 dB
 Peak SAR (extrapolated) = 4.31 W/kg
SAR(1 g) = 3.22 mW/g; SAR(10 g) = 2.31 mW/g
 Maximum value of SAR (measured) = 3.41 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 3.39 mW/g



Section 3.0
851-870 MHz Test Data – Face
(Section 13.3 Table 62)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/30/2010 10:45:01 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100730-06
 Phantom# / Tissue Temp.: OVAL1020 / 20.7 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.77 (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 SAR: 4.11 mW/g (1g); 2.99 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.95$ mho/m; $\epsilon_1 = 42$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

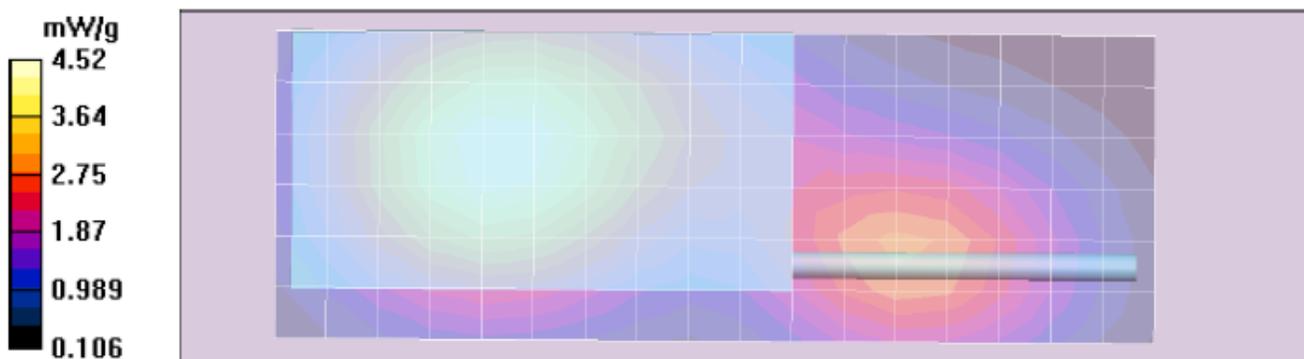
Reference Value = 58.8 V/m; Power Drift = -0.368 dB
Motorola Fast SAR: SAR(1 g) = 4.37 mW/g; SAR(10 g) = 3.13 mW/g
 Maximum value of SAR (interpolated) = 4.62 mW/g

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

Reference Value = 58.8 V/m; Power Drift = -0.578 dB
 Peak SAR (extrapolated) = 5.49 W/kg
SAR(1 g) = 4.08 mW/g; SAR(10 g) = 2.97 mW/g
 Maximum value of SAR (measured) = 4.29 mW/g

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

Maximum value of SAR (measured) = 4.21 mW/g



Section 3.0
851-870 MHz Test Data – Face
(Section 13.3 Table 63)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/17/2010 5:03:14 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100817-05
 Phantom# / Tissue Temp.: OVAL1020 / 21.5 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 869.9875 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / None
 Start Power: 3.70 (W)

Note:

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

Reported SAR: 4.76 mW/g (1g); 3.49 mW/g (10g)

Comments: Back of DUT facing phantom at 2.5 cm.

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

Electronics: DAE3 Sn401, Calibrated: 7/8/2010

Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 59.9 V/m; Power Drift = -0.372 dB

Motorola Fast SAR: SAR(1 g) = 4.98 mW/g; SAR(10 g) = 3.57 mW/g

Maximum value of SAR (interpolated) = 5.26 mW/g

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

Reference Value = 59.9 V/m; Power Drift = -0.500 dB

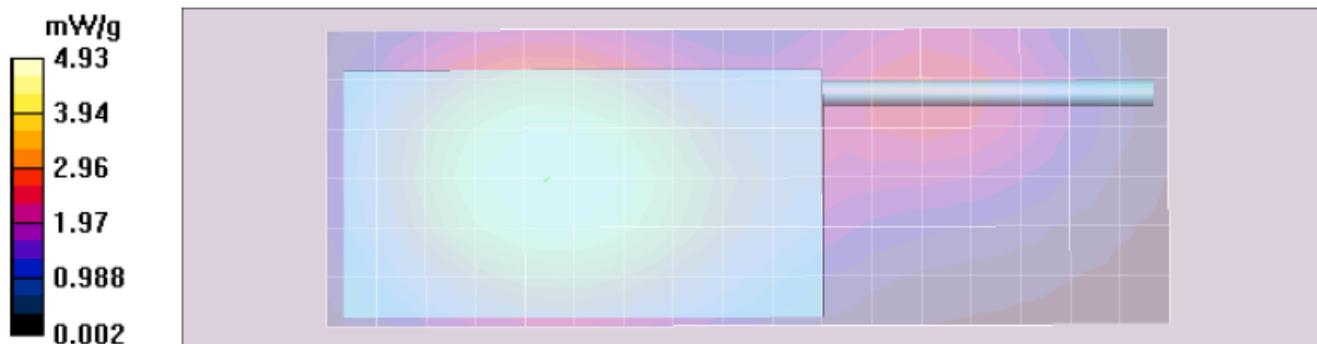
Peak SAR (extrapolated) = 6.20 W/kg

SAR(1 g) = 4.72 mW/g; SAR(10 g) = 3.46 mW/g

Maximum value of SAR (measured) = 4.96 mW/g

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

Maximum value of SAR (measured) = 4.93 mW/g



Section 3.0
851-870 MHz Test Data – Face
(Section 13.3 Table 64)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 7/31/2010 2:24:18 PM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100731-10
 Phantom# / Tissue Temp.: OVAL1020 / 21.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / PMMN4059A
 Start Power: 3.78 (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 SAR: 1.24 mW/g (1g); 0.882 mW/g (10g)

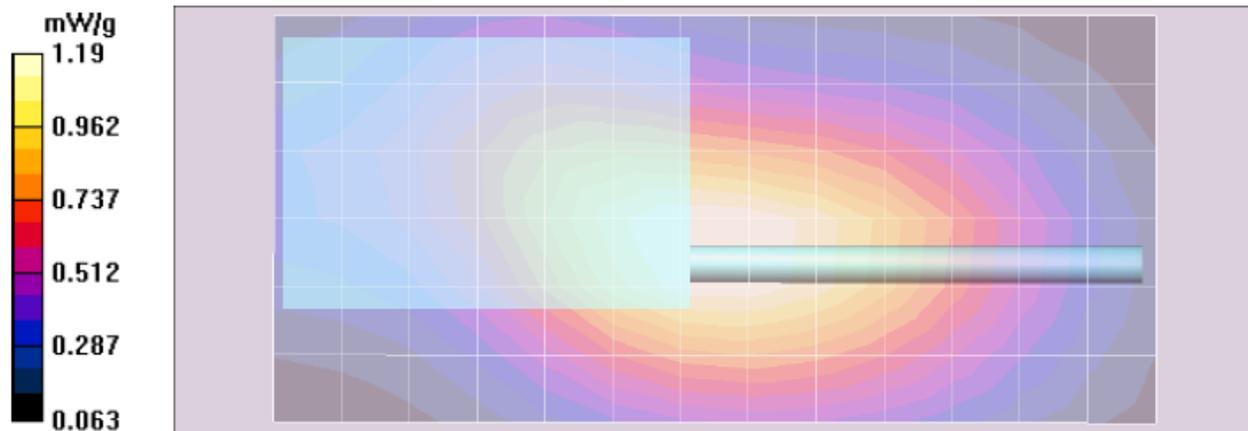
Comments: Shortened Scan; Tested with NAF5085A Antenna on DUT; "PSM" Power Output = 3.24 W.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 38.2 V/m; Power Drift = -0.645 dB
Motorola Fast SAR: SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.836 mW/g
 Maximum value of SAR (interpolated) = 1.24 mW/g

Face Scan/3-Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 39.8 V/m; Power Drift = -0.824 dB
 Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.876 mW/g
 Maximum value of SAR (measured) = 1.31 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 0.601 mW/g



Section 3.0
851-870 MHz Test Data – Face
(Section 13.3 Table 65)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 8/3/2010 8:16:39 AM

Robot# / Run#: DASY4-FL-1 / JsT-Face-100803-03
 Phantom# / Tissue Temp.: OVAL1020 / 21.0 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1003A0048
 Antenna / TX Freq.: NAR6595A / 869.9875 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: None / PMMN4059A
 Start Power: 3.77 (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 SAR: 1.27 mW/g (1g); 0.892 mW/g (10g)

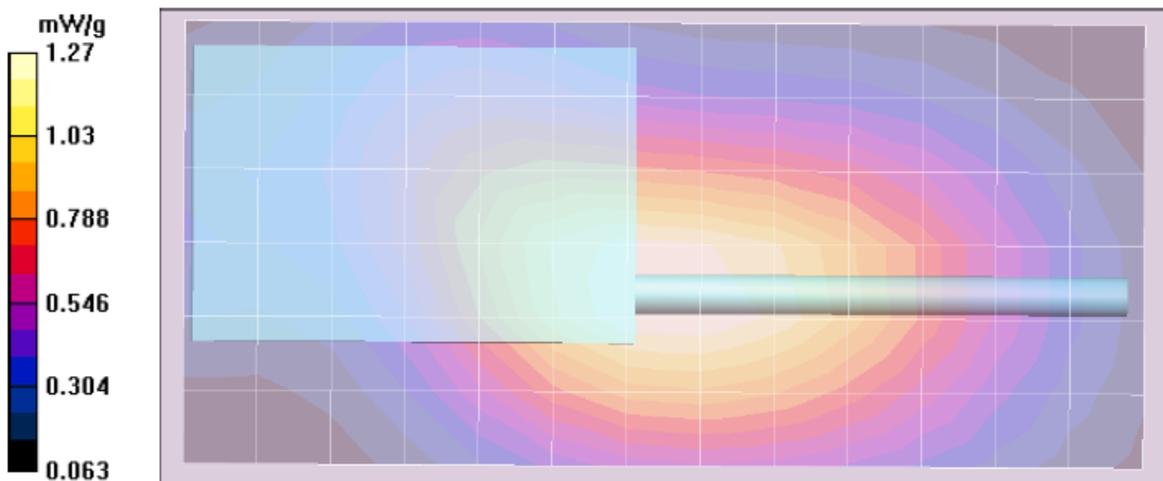
Comments: Shortened Scan; Tested with NAF5085A Antenna on DUT; "PSM" Power Output = 3.28 W.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.63, 5.63, 5.63)
 Electronics: DAE3 Sn374, Calibrated: 4/15/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 37.9 V/m; Power Drift = -0.267 dB
Motorola Fast SAR: SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.887 mW/g
 Maximum value of SAR (interpolated) = 1.32 mW/g

Face Scan/3-Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 38.2 V/m; Power Drift = -0.337 dB
 Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.881 mW/g
 Maximum value of SAR (measured) = 1.32 mW/g

Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 1.28 mW/g



Section 4.0 Assessment at Body Bluetooth (Section 13.4 Table 66)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 11/8/2010 4:34:03 PM

Robot# / Run#: DASY4-FL-2 / CM-Ab-101108-02
Phantom# / Tissue Temp.: OVAL1019 / 20.7 (C)
DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0094
Antenna / TX Freq.: NAR6595A / 2441 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: NTN8266B / None
Start Power: 0.00969 (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 SAR: 0.00741 mW/g (1g); 0.005093 mW/g (10g)

Comments: Full scan.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(4.18, 4.18, 4.18)

Electronics: DAE4 Sn729, Calibrated: 9/24/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x181x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.66 V/m; Power Drift = -7.44 dB

Motorola Fast SAR: SAR(1 g) = 0.00768 mW/g; SAR(10 g) = 0.00393 mW/g

Maximum value of SAR (interpolated) = 0.012 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.66 V/m; Power Drift = -0.624 dB

Peak SAR (extrapolated) = 0.011 W/kg

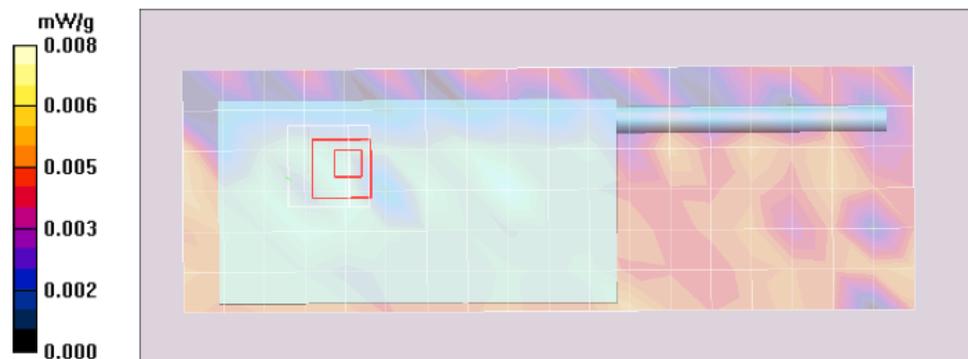
SAR(1 g) = 0.00741 mW/g; SAR(10 g) = 0.00509 mW/g

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) = 0.011 mW/g

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

Maximum value of SAR (measured) = 0.005 mW/g



**Section 5.0
Assessment at Face Bluetooth
(Section 13.5 Table 67)**

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 9/29/2010 6:09:06 PM

Robot# / Run#: DASY4-FL-1 / MeC-Face-100929-05
Phantom# / Tissue Temp.: OVAL1016 / 20.8 (C)
DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
Antenna / TX Freq.: NAR6595A / 2402 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: None / None
Start Power: 0.00924 (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 SAR: 0.00182 mW/g (1g); 0.0106 mW/g (10g)

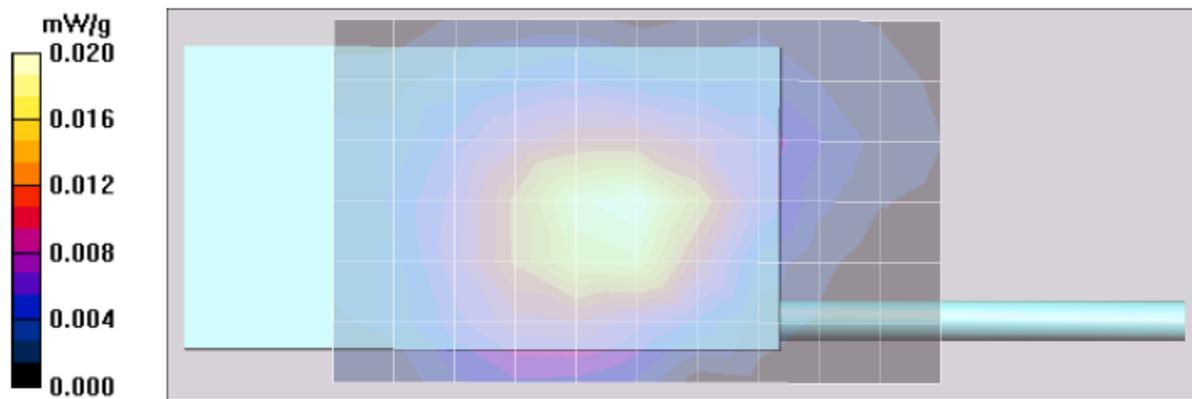
Comments: Shortened Scan; Tested with Reduced Area Scan only covering top portion of Radio where Bluetooth Antenna is located.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(4.42, 4.42, 4.42)
Electronics: DAE3 Sn374, Calibrated: 4/15/2010
Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Face Scan/1-Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 2.30 V/m; Power Drift = 0.200 dB
Motorola Fast SAR: SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.0103 mW/g
Maximum value of SAR (interpolated) = 0.021 mW/g

Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.33 V/m; Power Drift = 0.173 dB
Peak SAR (extrapolated) = 0.031 W/kg
SAR(1 g) = 0.0182 mW/g; SAR(10 g) = 0.0106 mW/g
Maximum value of SAR (measured) = 0.019 mW/g

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



Section 6.0
Assessments at the Body 764-775MHz band with antenna
NAF5085A and belt clip NTN8266B without audio accessory
(Section 13.6 Table 68)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/13/2010 7:20:05 PM

Robot# / Run#: DASY4-FL-2 / CM-Ab-101113-18
 Phantom# / Tissue Temp.: OVAL1021 / 20.4 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAF5085A / 764.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / None
 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 SAR: 7.57 mW/g (1g); 5.59 mW/g (10g)

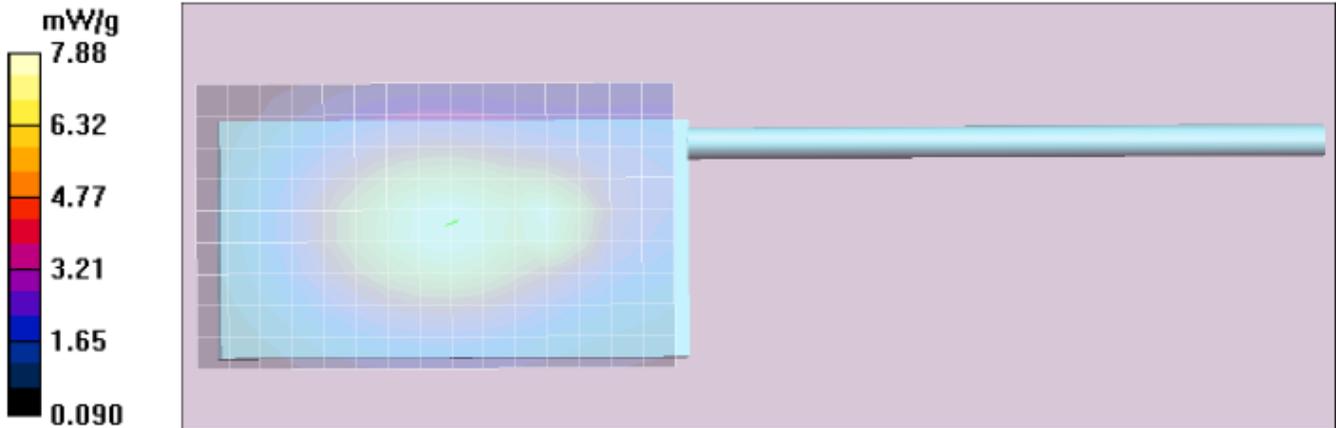
Comments: Full Scan

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.95, 5.95, 5.95)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 65.1 V/m; Power Drift = -0.262 dB
Motorola Fast SAR: SAR(1 g) = 7.61 mW/g; SAR(10 g) = 5.37 mW/g
 Maximum value of SAR (interpolated) = 8.08 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 65.1 V/m; Power Drift = -0.264 dB
 Peak SAR (extrapolated) = 9.40 W/kg
SAR(1 g) = 7.41 mW/g; SAR(10 g) = 5.52 mW/g
 Maximum value of SAR (measured) = 7.85 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 7.83 mW/g



Section 7.0
Assessments at the Body 764-775MHz band with antenna
NAF5085A and other accessories without audio accessory
(Section 13.7 Table 69)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/6/2010 7:39:53 PM

Robot# / Run#: DASY4-FL-2 / CM-Ab-101106-10
 Phantom# / Tissue Temp.: OVAL1020 / 20.7 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAF5085A / 764.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / None
 Start Power: 3.13 (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 SAR: 4.74 mW/g (1g); 3.48 mW/g (10g)

Comments: Full scan. Back of DUT toward phantom, without loop.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.95, 5.95, 5.95)

Electronics: DAE4 Sn729, Calibrated: 9/24/2010

Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 52.1 V/m; Power Drift = -0.160 dB

Motorola Fast SAR: SAR(1 g) = 4.73 mW/g; SAR(10 g) = 3.36 mW/g

Maximum value of SAR (interpolated) = 5.04 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 52.1 V/m; Power Drift = -0.253 dB

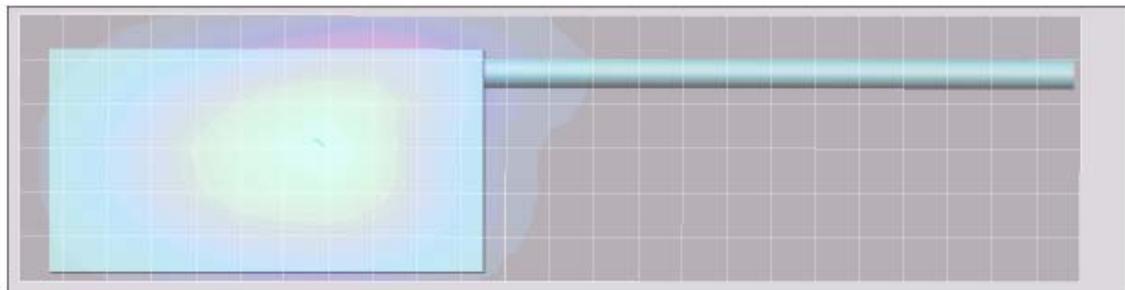
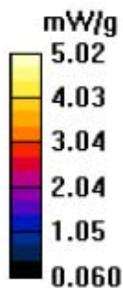
Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 4.71 mW/g; SAR(10 g) = 3.43 mW/g

Maximum value of SAR (measured) = 4.99 mW/g

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

Maximum value of SAR (measured) = 4.96 mW/g



Section 8.0
Assessments at the Body 764-775MHz band with antenna
NAR6595A and belt clip NTN8266B without audio accessory
(Section 13.8 Table 70)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/13/2010 8:41:15 PM

Robot# / Run#: DASY4-FL-2 / CM-Ab-101113-20
 Phantom# / Tissue Temp.: OVAL1021 / 20.3 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAR6595A / 769.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / None
 Start Power: 3.06 (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 SAR: 13.07 mW/g (1g); 9.64 mW/g (10g)

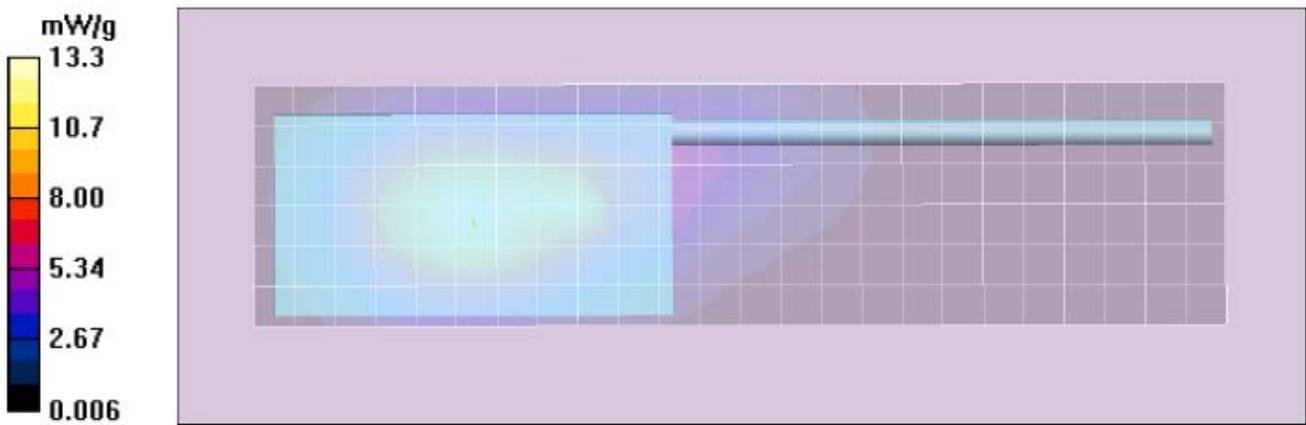
Comments: Full Scan

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.95, 5.95, 5.95)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: f = 769.5 MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 80.6 V/m; Power Drift = -0.348 dB
Motorola Fast SAR: SAR(1 g) = 12.9 mW/g; SAR(10 g) = 9.15 mW/g
 Maximum value of SAR (interpolated) = 13.7 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 80.6 V/m; Power Drift = -0.427 dB
 Peak SAR (extrapolated) = 16.2 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 9.52 mW/g
 Maximum value of SAR (measured) = 13.4 mW/g

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



Section 9.0
Assessments at the Body 764-775MHz band with antenna
NAR6595A and other accessories without audio accessory
(Section 13.9 Table 71)

Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 11/7/2010 8:25:01 PM

Robot# / Run#: DASY4-FL-2 / CM-Ab-101107-09
Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
Antenna / TX Freq.: NAR6595A / 764.0125 (MHz)
Battery: PMNN4403A
Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / None
Start Power: 3.13 (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 SAR: 10.06 mW/g (1g); 7.51 mW/g (10g)

Comments: Full scan. Back of DUT toward phantom, without loop.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.95, 5.95, 5.95)

Electronics: DAE4 Sn729, Calibrated: 9/24/2010

Duty Cycle: 1:1, Medium parameters used: $f = 769.5$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x181x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 70.5 V/m; Power Drift = -0.119 dB

Motorola Fast SAR: SAR(1 g) = 9.96 mW/g; SAR(10 g) = 7.13 mW/g

Maximum value of SAR (interpolated) = 10.5 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

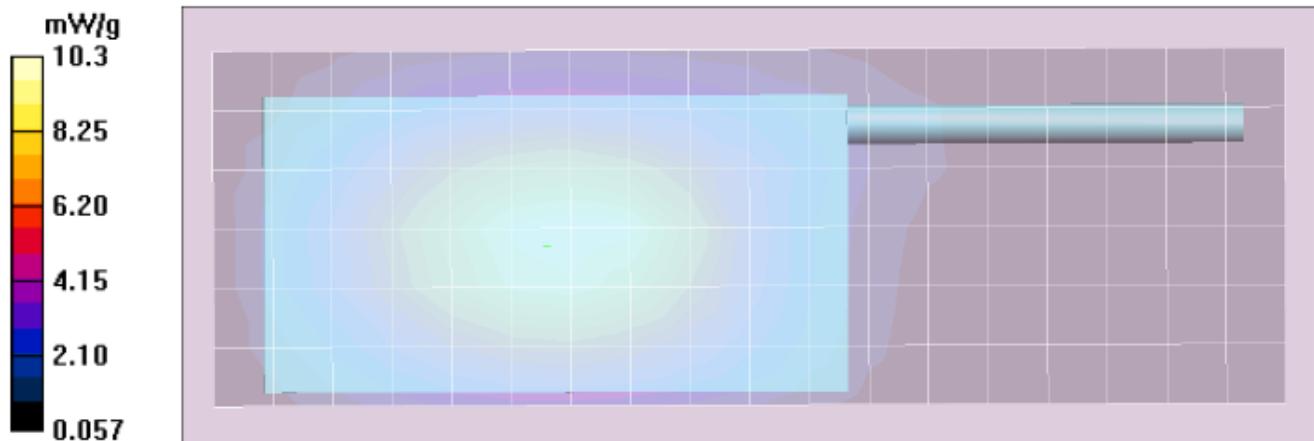
Reference Value = 70.5 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 9.85 mW/g; SAR(10 g) = 7.42 mW/g

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

Maximum value of SAR (measured) = 10.4 mW/g



Section 10.0
Assessments at the Body 794-824MHz band with antenna
NAF5085A and belt clip NTN8266B without audio accessory
(Section 13.10 Table 72)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/13/2010 11:10:55 AM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-101113-05
 Phantom# / Tissue Temp.: OVAL1021 / 20.5 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAF5085A / 794.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / None
 Start Power: 3.06 (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 SAR: 4.69 mW/g (1g); 3.47 mW/g (10g)

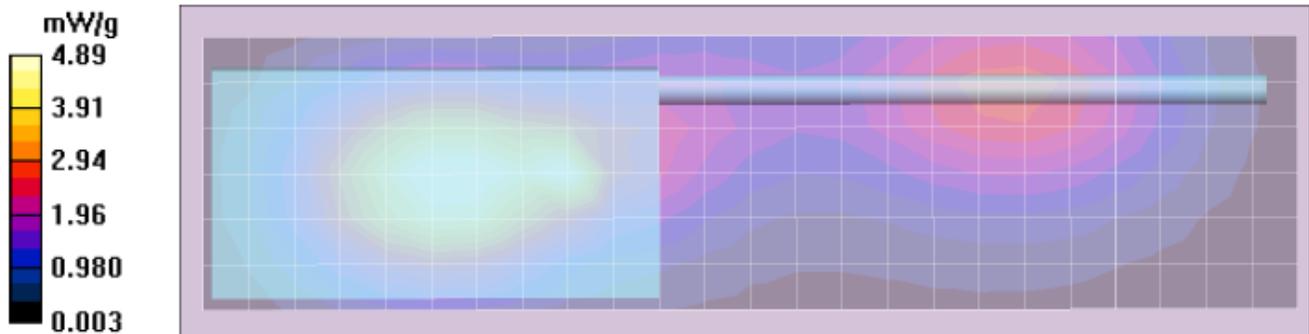
Comments: Full Scan

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.95, 5.95, 5.95)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 809$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 55.7 V/m; Power Drift = -0.114 dB
Motorola Fast SAR: SAR(1 g) = 4.93 mW/g; SAR(10 g) = 3.49 mW/g
 Maximum value of SAR (interpolated) = 5.23 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 55.7 V/m; Power Drift = -0.201 dB
 Peak SAR (extrapolated) = 5.96 W/kg
SAR(1 g) = 4.69 mW/g; SAR(10 g) = 3.47 mW/g
 Maximum value of SAR (measured) = 4.95 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.89 mW/g



Section 11.0
Assessments at the Body 794-824MHz band with antenna
NAF5085A and other accessories without audio accessory
(Section 13.11 Table 73)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/1/2010 1:15:59 PM

Robot# / Run#: DASY4-FL-2 / HvH-Ab-101101-09
 Phantom# / Tissue Temp.: OVAL1020 / 20.6 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAF5085A / 794.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN5243A w/PMLN5657A w/o loop / None
 Start Power: 3.12 (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 SAR: 4.59 mW/g (1g); 3.39 mW/g (10g)

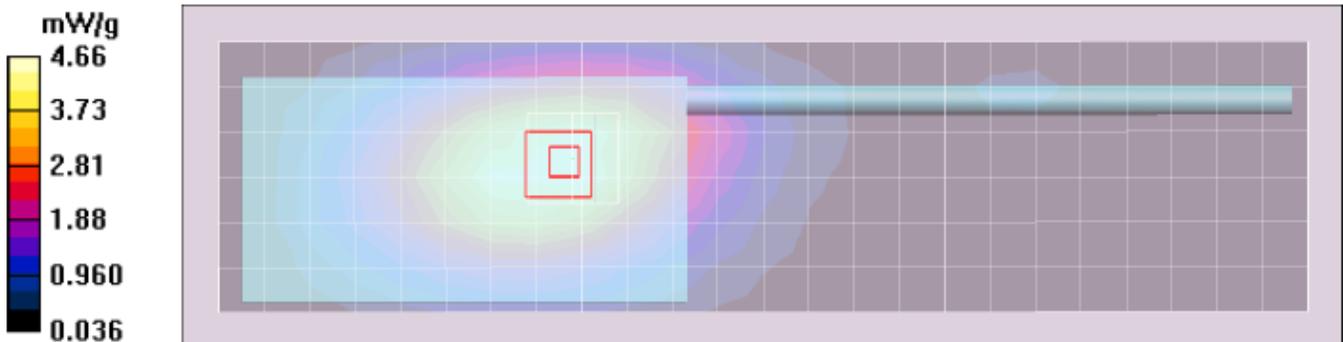
Comments: Full scan. Back facing phantom.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.95, 5.95, 5.95)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 53.1 V/m; Power Drift = -0.148 dB
Motorola Fast SAR: SAR(1 g) = 4.57 mW/g; SAR(10 g) = 3.24 mW/g
 Maximum value of SAR (interpolated) = 4.85 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 53.1 V/m; Power Drift = -0.191 dB
 Peak SAR (extrapolated) = 6.13 W/kg
SAR(1 g) = 4.59 mW/g; SAR(10 g) = 3.39 mW/g
 Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.
 Maximum value of SAR (measured) = 4.85 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 4.86 mW/g



Section 12.0
Assessments at the Body 794-824MHz band with antenna
NAR6595A and belt clip NTN8266B without audio accessory
(Section 13.12 Table 74)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 10/6/2010 5:39:02 PM

Robot# / Run#: DASY4-FL-1 / MeC-Ab-101006-07
 Phantom# / Tissue Temp.: OVAL1021 / 20.6 (C)
 DUT Model# / Serial#: H98UCD9PW5AN / NUF1002A0006
 Antenna / TX Freq.: NAR6595A / 809.0000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / None
 Start Power: 3.74 (W)

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

Reported SAR: 11.20 mW/g (1g); 6.76 mW/g (10g)

Comments: Full Scan.

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

Electronics: DAE3 Sn401, Calibrated: 7/8/2010

Duty Cycle: 1:1, Medium parameters used: $f = 809 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

Ab Scan/1-Area Scan (61x181x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 70.4 V/m; Power Drift = -0.783 dB

Motorola Fast SAR: SAR(1 g) = 11.6 mW/g; SAR(10 g) = 7.77 mW/g

Maximum value of SAR (interpolated) = 12.6 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 70.4 V/m; Power Drift = -1.10 dB

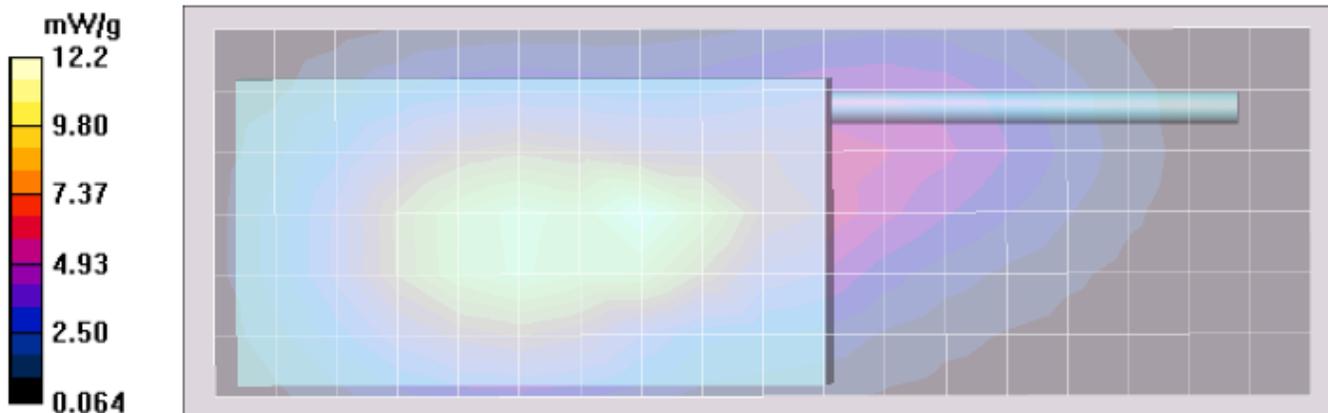
Peak SAR (extrapolated) = 20.3 W/kg

SAR(1 g) = 11.2 mW/g; SAR(10 g) = 6.76 mW/g

Maximum value of SAR (measured) = 12.3 mW/g

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

Maximum value of SAR (measured) = 12.0 mW/g



Section 13.0
Assessments at the Body 794-824MHz band with antenna
NAR6595A and other carry accessories without audio accessory
(Section 13.13 Table 75)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/5/2010 8:49:09 PM

Robot# / Run#: DASY4-FL-2 / CM-Ab-101105-06
 Phantom# / Tissue Temp.: OVAL1020 / 21.4 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAR6595A / 794.0125 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN5243A with PMLN5657A / None
 Start Power: 3.12 (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 SAR: 11.1 mW/g (1g); 8.20 mW/g (10g)

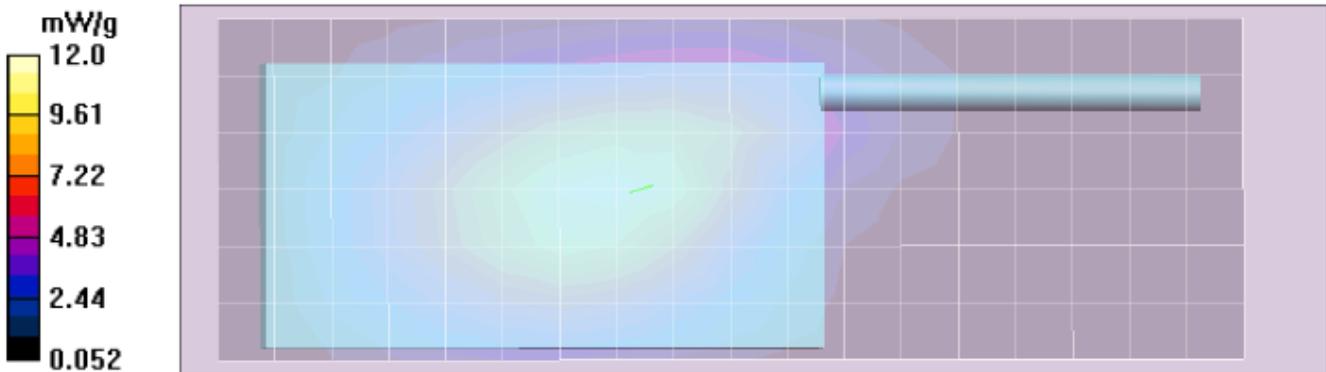
Comments: Full scan. Back of DUT toward phantom, w/o loop.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.95, 5.95, 5.95)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: f = 809 MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x181x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 72.8 V/m; Power Drift = -0.188 dB
Motorola Fast SAR: SAR(1 g) = 11.4 mW/g; SAR(10 g) = 8.04 mW/g
 Maximum value of SAR (interpolated) = 12.1 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 72.8 V/m; Power Drift = -0.275 dB
 Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 11.1 mW/g; SAR(10 g) = 8.2 mW/g
 Maximum value of SAR (measured) = 11.9 mW/g

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



Section 14.0
Assessments at the Body 794-824MHz band with antenna
NAF5085A and belt clip NTN8266B without audio accessory
(Section 13.14 Table 76)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/12/2010 9:21:55 PM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-101112-10
 Phantom# / Tissue Temp.: OVAL1021 / 20.7 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAF5085A / 869.9875 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN8266B / None
 Start Power: 3.78 (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 SAR: 5.63 mW/g (1g); 3.33 mW/g (10g)

Comments: Full Scan

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.81, 5.81, 5.81)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010

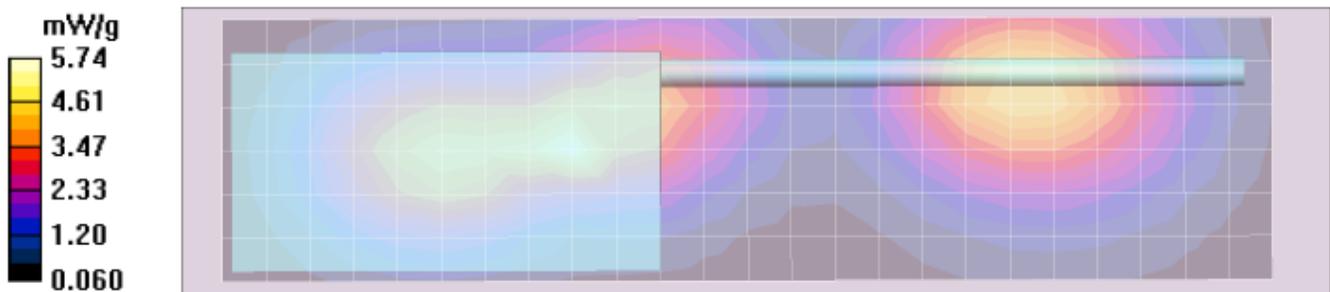
Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 70.6 V/m; Power Drift = -0.205 dB
Motorola Fast SAR: SAR(1 g) = 5.27 mW/g; SAR(10 g) = 3.46 mW/g
 Maximum value of SAR (interpolated) = 5.96 mW/g

Ab Scan/2-Volume 2D Scan (41x41x1): Measurement grid: dx=7.5mm, dy=7.5mm, dz=1mm
 Reference Value = 70.6 V/m; Power Drift = -0.237 dB
 Peak SAR (extrapolated) = 6.49 W/kg
Motorola Fast SAR: SAR(1 g) = 5.79 mW/g; SAR(10 g) = 3.57 mW/g
 Maximum value of SAR (interpolated) = 6.49 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 70.6 V/m; Power Drift = -0.273 dB
 Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 5.63 mW/g; SAR(10 g) = 3.33 mW/g
 Maximum value of SAR (measured) = 5.99 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 6.13 mW/g



Section 15.0
Assessments at the Body 794-824MHz band with antenna
NAF5085A and other carry case accessories without audio accessory
(Section 13.15 Table 77)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 10/30/2010 10:19:45 AM

Robot# / Run#: DASY4-FL-2 / HvH-Ab-101030-11
 Phantom# / Tissue Temp.: OVAL1020 / 20.4 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAF5085A / 860.5000 (MHz)
 Battery: PMNN4403A
 Carry Acc. / Cable Acc.: NTN5243A w/PMLN5657A / None
 Start Power: 3.77 (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 SAR: 7.62 mW/g (1g); 4.75 mW/g (10g)

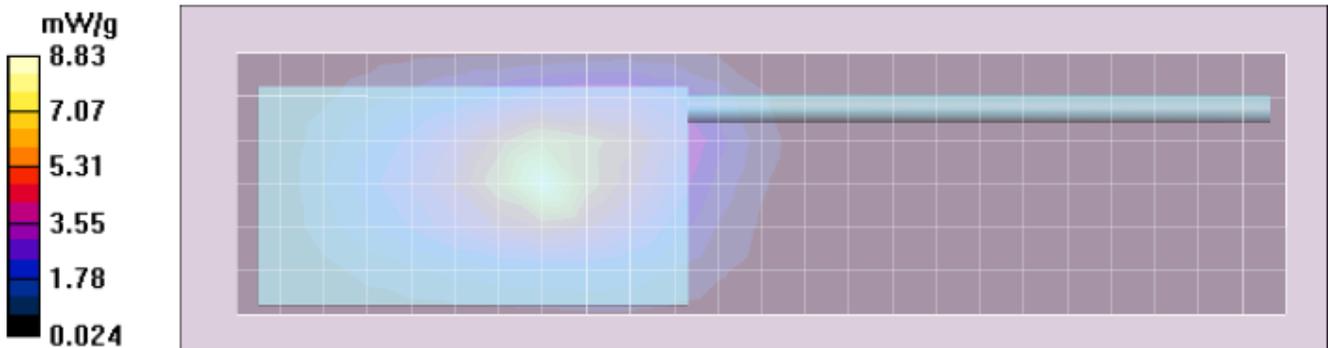
Comments: Full scan. Back facing phantom.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.81, 5.81, 5.81)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x241x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 56.5 V/m; Power Drift = -0.071 dB
Motorola Fast SAR: SAR(1 g) = 7.95 mW/g; SAR(10 g) = 5.15 mW/g
 Maximum value of SAR (interpolated) = 8.90 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 56.5 V/m; Power Drift = -0.0935 dB
 Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 7.62 mW/g; SAR(10 g) = 4.75 mW/g
 Maximum value of SAR (measured) = 8.91 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 8.81 mW/g



Section 16.0
Assessments at the Body 794-824MHz band with antenna
NAR6595A and belt clip NTN8266B without audio accessory
(Section 13.16 Table 78)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 11/12/2010 11:25:29 PM

Robot# / Run#: DASY4-FL-2 / MeC-Ab-101112-13
 Phantom# / Tissue Temp.: OVAL1021 / 20.8 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAR6595A / 851.0125 (MHz)
 Battery: PMMN4403A
 Carry Acc. / Cable Acc.: NTN8266B / None
 Start Power: 3.75 (W)

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

Reported SAR: 9.80 mW/g (1g); 5.91 mW/g (10g)

Comments: Full Scan

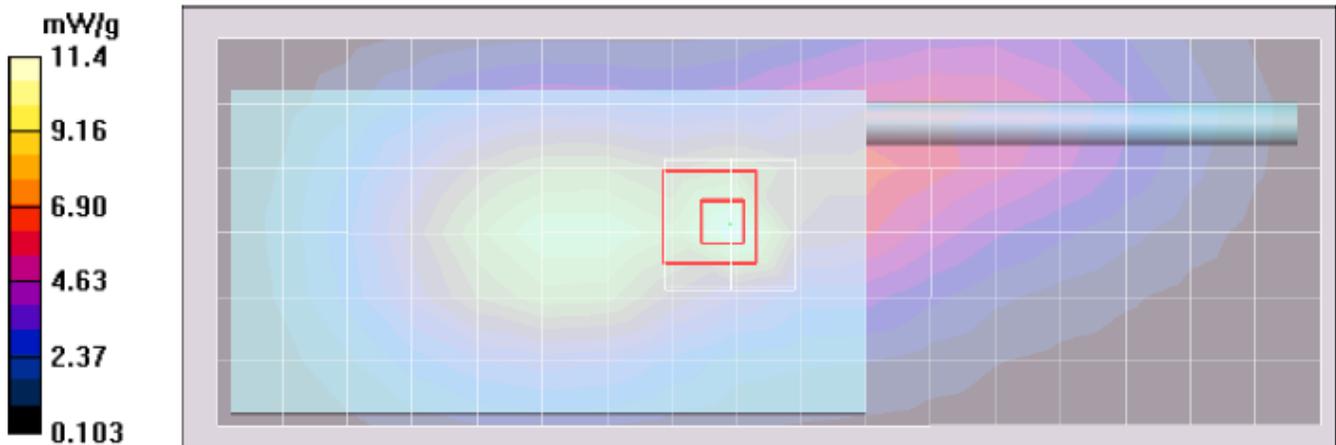
Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.81, 5.81, 5.81)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: $f = 860.5$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_t = 54.5$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 78.5 V/m; Power Drift = -0.422 dB
Motorola Fast SAR: SAR(1 g) = 10.2 mW/g; SAR(10 g) = 6.73 mW/g
 Maximum value of SAR (interpolated) = 11.8 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 78.5 V/m; Power Drift = -0.670 dB
 Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 9.8 mW/g; SAR(10 g) = 5.91 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) = 10.7 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 10.6 mW/g



Section 17.0
Assessments at the Body 794-824MHz band with antenna
NAR6595A and other carry case accessories without audio accessory
(Section 13.17 Table 79)

Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 10/30/2010 3:42:34 PM

Robot# / Run#: DASY4-FL-2 / HvH-Ab-101030-20
 Phantom# / Tissue Temp.: OVAL1020 / 20.2 (C)
 DUT Model# / Serial#: H98UCD9PW5AN (MNUF1003A) / NUF1002A0006
 Antenna / TX Freq.: NAR6595A / 860.5000 (MHz)
 Battery: NNTN7038A
 Carry Acc. / Cable Acc.: NTN5243A w/PMLN5657A / None
 Start Power: 3.78 (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 SAR: 8.69 mW/g (1g); 5.68 mW/g (10g)

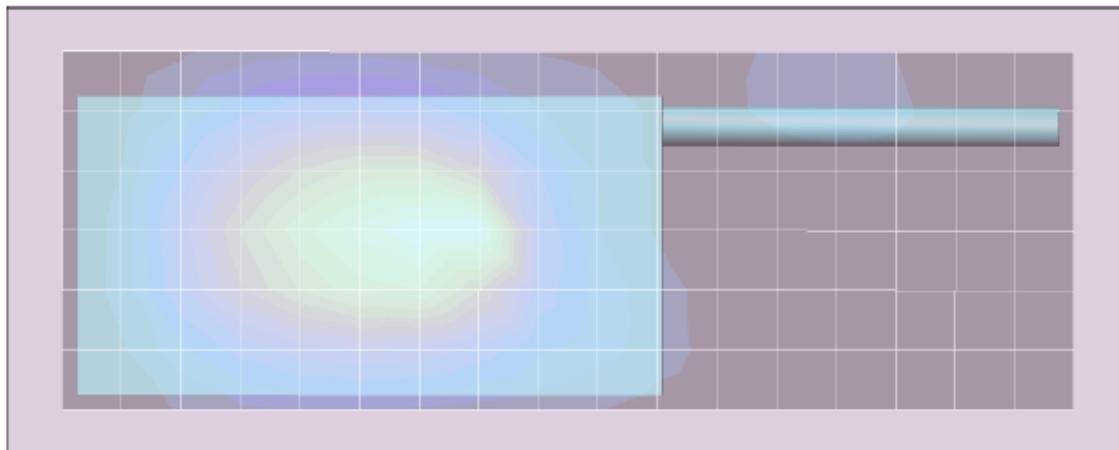
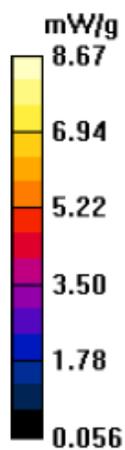
Comments: Full scan. Back facing phantom.

Probe: ES3DV3 - SN3147, Calibrated: 2/18/2010, ConvF(5.81, 5.81, 5.81)
 Electronics: DAE4 Sn729, Calibrated: 9/24/2010
 Duty Cycle: 1:1, Medium parameters used: f = 860.5 MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Ab Scan/1-Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 63.7 V/m; Power Drift = -0.652 dB
Motorola Fast SAR: SAR(1 g) = 8.54 mW/g; SAR(10 g) = 5.81 mW/g
 Maximum value of SAR (interpolated) = 9.63 mW/g

Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 63.7 V/m; Power Drift = -0.757 dB
 Peak SAR (extrapolated) = 13.8 W/kg
SAR(1 g) = 8.69 mW/g; SAR(10 g) = 5.68 mW/g
 Maximum value of SAR (measured) = 9.99 mW/g

Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
 Maximum value of SAR (measured) = 9.73 mW/g



APPENDIX G

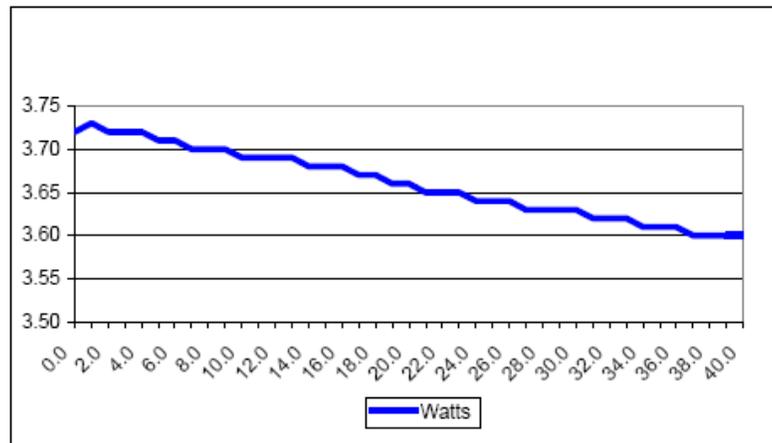
DUT Supplementary Data (Power slump)

Model # H98UCD9PW5AN
Serial # NUF1003A0048

Battery PMNN4403A	Transmit Mode CW
Frequency 809	Audio Accessory HMN4104A
Date 8/5/2010	

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

0.0	3.72
1.0	3.73
2.0	3.72
3.0	3.72
4.0	3.72
5.0	3.71
6.0	3.71
7.0	3.70
8.0	3.70
9.0	3.70
10.0	3.69
11.0	3.69
12.0	3.69
13.0	3.69
14.0	3.68
15.0	3.68
16.0	3.68
17.0	3.67
18.0	3.67
19.0	3.66
20.0	3.66
21.0	3.65
22.0	3.65
23.0	3.65
24.0	3.64
25.0	3.64
26.0	3.64
27.0	3.63
28.0	3.63
29.0	3.63
30.0	3.63
31.0	3.62
32.0	3.62
33.0	3.62
34.0	3.61
35.0	3.61
36.0	3.61
37.0	3.60
38.0	3.60
39.0	3.60
40.0	3.60



Appendix H
DUT Test Position Photos

Photos available in Exhibit 7B

Appendix I
DUT and Body worn Accessory Photos

Photos available in Exhibit 7B