


MOTOROLA

TESTING CERT # 2518.01
FCC ID: IHDP56KV1
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2

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

Date of Report: 02/26/2010
Report Revision: O
Report ID: SAR rpt_H76XAN9JR9AN_Rev
 O_02262010_SR7833

Responsible Engineer: Stephen C. Whalen (Principal Staff Eng.)
Report Author: Stephen C. Whalen (Principal Staff Eng.)
Date/s Tested: 01/07/10 – 01/20/10, 02/01/10, 02/18/10-02/23/10
Manufacturer/Location: China
Sector/Group/Div.: iDEN Mobile Devices
Date submitted for test: 01/06/10
DUT Description: TDMA: 81:120, 2:6, 1:12, and 1:6; M64QAM, M16QAM, and QPSK Modulations, 0.6 W Pulse Avg; MOTotalk: 114:120 8FSK; 0.85 W nominal; WLAN 802.11 b/g; (GPS and Bluetooth Capable).
Test TX mode(s): iDEN: Phone 1:3, Dispatch 1:6, Data 80:120; MOTotalk: 114:120; BT: CW and WLAN 802.11 b/g; CW
Max. Power output: iDEN: 0.64 W pulsed average conducted power; MOTotalk: 0.891 W; BT: 10mW; WLAN 802.11 b: 80mW; WLAN 802.11 g: 32mW
Nominal Power: iDEN: 0.600 W pulsed average conducted power; MOTotalk: 0.850 W; BT: 6.3mW; WLAN 802.11 b: 50mW; WLAN 802.11 g: 20mW
Tx Frequency Bands: iDEN: 806-825, 896-902 MHz; MOTotalk: 902-928 MHz; BT: 2.402-2.480 GHz; WLAN 802.11 b/g: 2.412-2.462 GHz
Signaling type: TDMA: QPSK, M16-QAM, M64-QAM; FHSS: 8FSK (PTT); BT: WLAN 802.11 b/g
Model(s) Tested: H76XAN9JR9AN
Model(s) Certified: H76XAN9JR9AN
Serial Number(s): 364VKYLJBH, 364VKYLNKD
Classification: General Population/Uncontrolled
Rule Part(s): 15 & 90

DUT Photo
 (Refer to Exhibit 7B)

Max. Calc. : 1-g Avg. SAR: 0.95 W/kg (Body); 10-g Avg. SAR: 0.70 W/kg (Body)
Max. Calc. : 1-g Avg. SAR: 1.30 W/kg (Head); 10-g Avg. SAR: 0.81 W/kg (Head)
Max. Calc. : 1-g Avg. SAR: 0.56 W/kg (Face); 10-g Avg. SAR: 0.40 W/kg (Face)

The test results clearly demonstrate compliance with FCC General Population/Uncontrolled RF Exposure limits of 1.6 W/kg averaged over 1 gram per the requirements of 47 CFR 2.1093(d).

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 2.0 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: 02/26/10

Certification Date: 02/26/10
Certification No.: L1100248P

APPENDIX C
Dipole Calibration Certificates

Calibration Laboratory of
Schmid & Partner
Engineering AG
 Zeughausstrasse 43, 8004 Zurich, Switzerland



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S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
 The Swiss Accreditation Service is one of the signatories to the EA
 Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 108**

Client **Motorola CGISS**

Certificate No: **D900V2-085_Aug08**

CALIBRATION CERTIFICATE

Object **D900V2 - SN: 085**

Calibration procedure(s) **QA CAL-05.v7**
Calibration procedure for dipole validation kits

Calibration date: **August 25, 2008**

Condition of the calibrated item **In Tolerance**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
 The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter EPM-442A	GB37480704	04-Oct-07 (No. 217-00736)	Oct-08
Power sensor HP 8481A	US37292783	04-Oct-07 (No. 217-00736)	Oct-08
Reference 20 dB Attenuator	SN: 5086 (20g)	01-Jul-08 (No. 217-00864)	Jul-09
Type-N mismatch combination	SN: 5047.2 / 06327	01-Jul-08 (No. 217-00867)	Jul-09
Reference Probe ES3DV2	SN: 3025	28-Apr-08 (No. ES3-3025_Apr08)	Apr-09
DAE4	SN 601	14-Mar-08 (No. DAE4-601_Mar08)	Mar-09
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power sensor HP 8481A	MY41092317	18-Oct-02 (in house check Oct-07)	In house check: Oct-09
RF generator R&S SMT-06	100005	4-Aug-99 (in house check Oct-07)	In house check: Oct-09
Network Analyzer HP 8753E	US37390585 S4206	18-Oct-01 (in house check Oct-07)	In house check: Oct-08

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: August 26, 2008

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Zeughausstrasse 43, 8004 Zurich, Switzerland



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The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 108**

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003
- b) IEC 62209-1, "Procedure to measure the Specific Absorption Rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)", February 2005
- c) Federal Communications Commission Office of Engineering & Technology (FCC OET), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radiofrequency Emissions", Supplement C (Edition 01-01) to Bulletin 65

Additional Documentation:

- d) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- **Measurement Conditions:** Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- **Antenna Parameters with TSL:** The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- **Feed Point Impedance and Return Loss:** These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- **Electrical Delay:** One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- **SAR measured:** SAR measured at the stated antenna input power.
- **SAR normalized:** SAR as measured, normalized to an input power of 1 W at the antenna connector.
- **SAR for nominal TSL parameters:** The measured TSL parameters are used to calculate the nominal SAR result.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V5.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V4.9	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	900 MHz $\pm$ 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.5	0.97 mho/m
Measured Head TSL parameters	(22.0 $\pm$ 0.2) °C	39.5 $\pm$ 6 %	0.93 mho/m $\pm$ 6 %
Head TSL temperature during test	(22.0 $\pm$ 0.2) °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.64 mW / g
SAR normalized	normalized to 1W	10.6 mW / g
SAR for nominal Head TSL parameters ¹	normalized to 1W	10.5 mW / g $\pm$ 17.0 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.71 mW / g
SAR normalized	normalized to 1W	6.84 mW / g
SAR for nominal Head TSL parameters ¹	normalized to 1W	6.78 mW / g $\pm$ 16.5 % (k=2)

¹ Correction to nominal TSL parameters according to d), chapter "SAR Sensitivities"

Appendix**Antenna Parameters with Head TSL**

Impedance, transformed to feed point	50.5 Ω - 6.0 j Ω
Return Loss	- 24.5 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.390 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	September 20, 2000

DASY5 Validation Report for Head TSL

Date/Time: 25.08.2008 11:33:53

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:085

Communication System: CW-900; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: HSL 900 MHz

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV2 - SN3025; ConvF(5.78, 5.78, 5.78); Calibrated: 28.04.2008
- Sensor-Surface: 3.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 14.03.2008
- Phantom: Flat Phantom 4.9L; Type: QD000P49AA; Serial: 1001
- Measurement SW: DASY5, V5.0 Build 119; SEMCAD X Version 13.2 Build 87

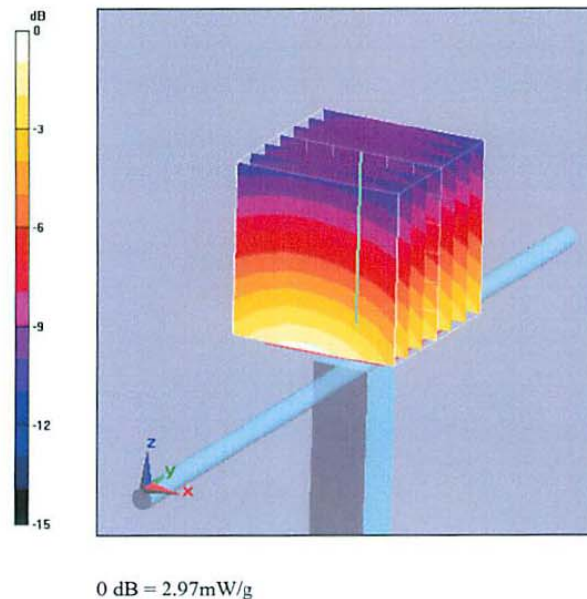
Pin=250mW; dip=15mm; dist=3.4mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.6 V/m; Power Drift = 0.032 dB

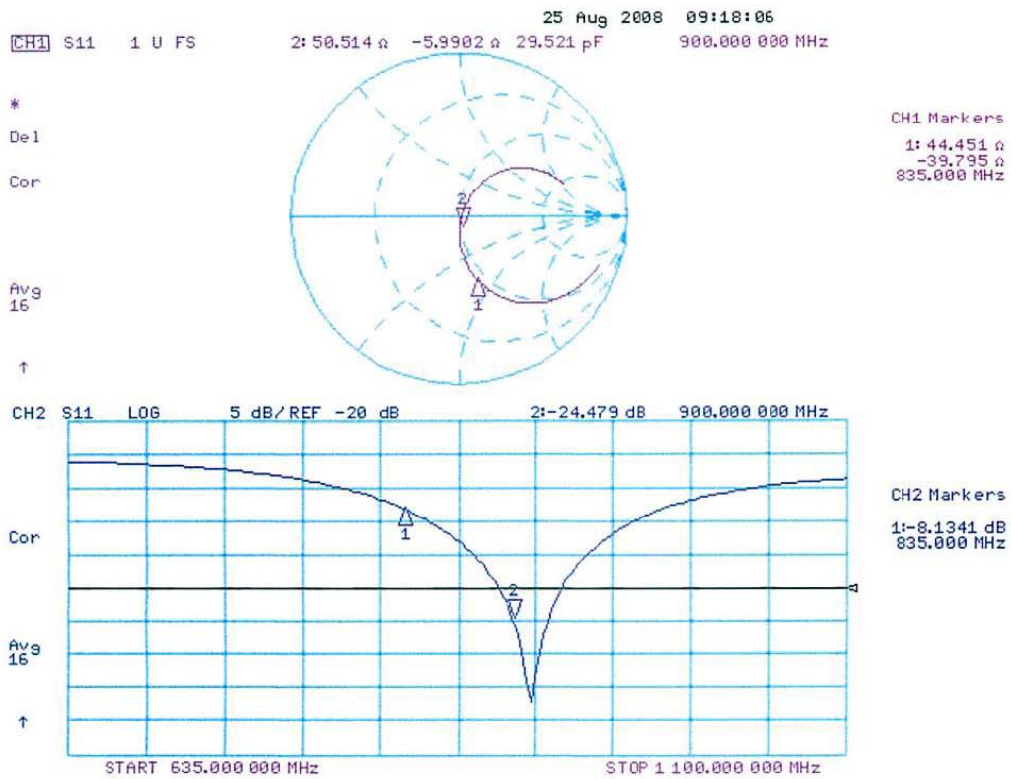
Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.71 mW/g

Maximum value of SAR (measured) = 2.97 mW/g



Impedance Measurement Plot for Head TSL



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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 108**

Client **Motorola CGISS**

Certificate No: **D2450V2-704_Nov08**

CALIBRATION CERTIFICATE

Object **D2450V2 - SN: 704**

Calibration procedure(s) **QA CAL-05.v7
Calibration procedure for dipole validation kits**

Calibration date: **November 18, 2008**

Condition of the calibrated item **In Tolerance**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^{\circ}\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter EPM-442A	GB37480704	04-Oct-07 (No. 217-00736)	Oct-08
Power sensor HP 8481A	US37292783	04-Oct-07 (No. 217-00736)	Oct-08
Reference 20 dB Attenuator	SN: S5086 (20g)	01-Jul-08 (No. 217-00864)	Jul-09
Type-N mismatch combination	SN: 5047.2 / 06327	01-Jul-08 (No. 217-00867)	Jul-09
Reference Probe ES3DV2	SN: 3025	28-Apr-08 (No. ES3-3025_Apr08)	Apr-09
DAE4	SN: 601	14-Mar-08 (No. DAE4-601_Mar08)	Mar-09

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power sensor HP 8481A	MY41092317	18-Oct-02 (in house check Oct-07)	In house check: Oct-09
RF generator R&S SMT-05	100005	4-Aug-99 (in house check Oct-07)	In house check: Oct-09
Network Analyzer HP 8753E	US37390585 S4206	18-Oct-01 (in house check Oct-08)	In house check: Oct-09

	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	

	Name	Function	Signature
Approved by:	Katja Pokovic	Technical Manager	

Issued: November 18, 2008

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ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

- IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003
- IEC 62209-1, "Procedure to measure the Specific Absorption Rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)", February 2005
- Federal Communications Commission Office of Engineering & Technology (FCC OET), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radiofrequency Emissions", Supplement C (Edition 01-01) to Bulletin 65

Additional Documentation:

- DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions:** Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL:** The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss:** These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- Electrical Delay:** One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- SAR measured:** SAR measured at the stated antenna input power.
- SAR normalized:** SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters:** The measured TSL parameters are used to calculate the nominal SAR result.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V5.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz $\pm$ 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 $\pm$ 0.2) °C	38.4 $\pm$ 6 %	1.84 mho/m $\pm$ 6 %
Head TSL temperature during test	(22.0 $\pm$ 0.2) °C	---	---

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.5 mW / g
SAR normalized	normalized to 1W	54.0 mW / g
SAR for nominal Head TSL parameters ¹	normalized to 1W	52.9 mW / g $\pm$ 17.0 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.30 mW / g
SAR normalized	normalized to 1W	25.2 mW / g
SAR for nominal Head TSL parameters ¹	normalized to 1W	24.9 mW / g $\pm$ 16.5 % (k=2)

¹ Correction to nominal TSL parameters according to d), chapter "SAR Sensitivities"

Appendix**Antenna Parameters with Head TSL**

Impedance, transformed to feed point	$53.7 \Omega + 0.8 j\Omega$
Return Loss	- 28.8 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.153 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	March 22, 2001

DASY5 Validation Report for Head TSL

Date/Time: 18.11.2008 12:27:36

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN704

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL U10 BB

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV2 - SN3025; ConvF(4.4, 4.4, 4.4); Calibrated: 28.04.2008
- Sensor-Surface: 3.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 14.03.2008
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- Measurement SW: DASY5, V5.0 Build 120; SEMCAD X Version 13.4 Build 45

Pin = 250 mW; d = 10 mm/Zoom Scan (7x7x7)/Cube 0:

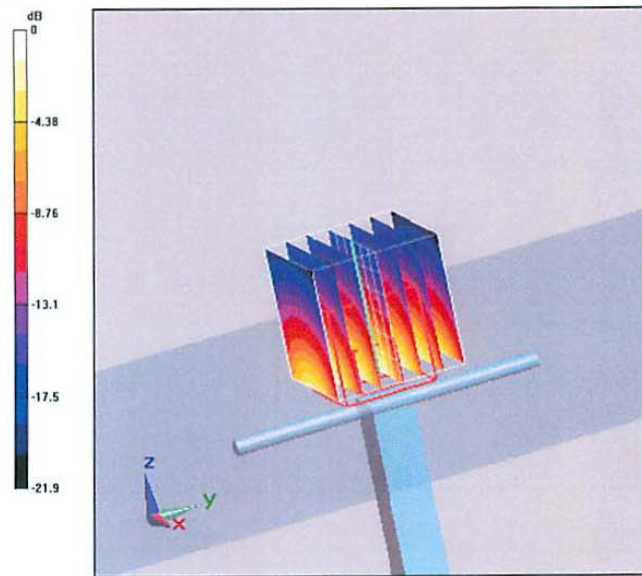
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.3 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 28.4 W/kg

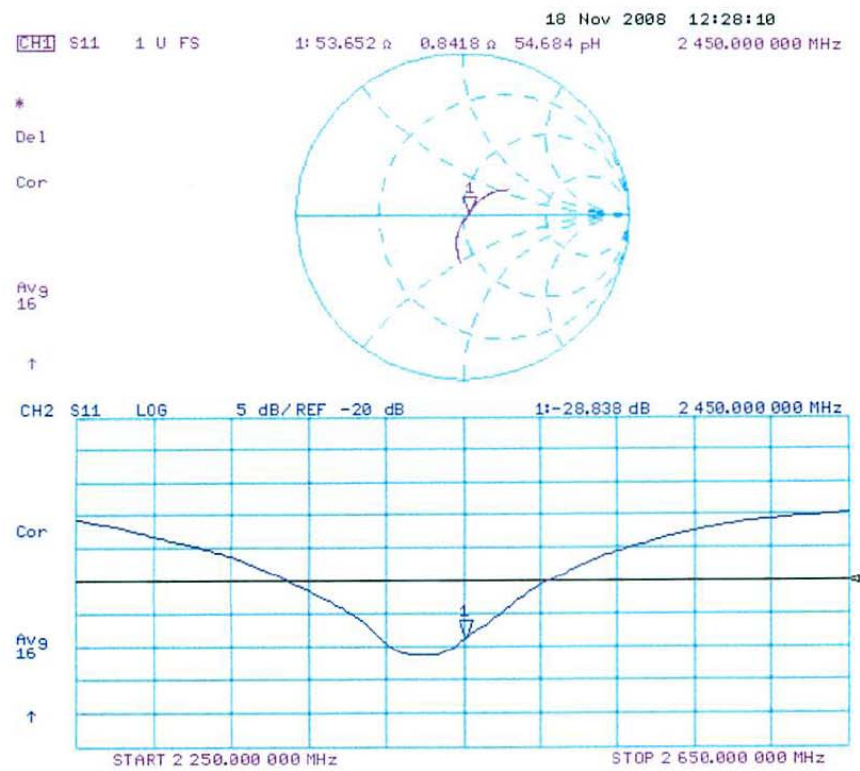
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.3 mW/g

Maximum value of SAR (measured) = 16.3 mW/g



0 dB = 16.3mW/g

Impedance Measurement Plot for Head TSL



Appendix D

Test System Verification Scans

The SAR result indicated on the Manufacture's Calibrated certificate for dipoles D900V2 S/N 085 and D2450V2 S/N 704 were not used due to the following:

- The IEEE1528-2003 and the FCC OET-65 Supplement C, System Verification section indicated that "The measured 1-g SAR should be within 10% of the expected target values specified for the specific phantom and RF source used in the system verification measurement."
- SPEAG calibration certificate indicates that the allowed tolerance for the dipoles is higher than +/- 10% (e.g. 10.5 +/-17.0% at k=2 for the D900V2 S/N 085 and 52.9 +/-17.0% at k=2 for the D2450V2 S/N 704)
- The allowed tolerance for the probes is also higher than +/- 10% (e.g. 11.0% at k=2 at 900MHz and 2450MHz for the probe being used to assess this product).

Due to probe, dipole and system tolerances noted above, the lab averages dipole results across multiple probes to establish a set of averaged targets for each dipole using the following procedure:

- The System Validation was conducted per IEEE1528-2003 and the latest draft of IEC62209-2 (10/3/08) standards using the simulated head tissue and multiple probes that are available and applicable for the dipole under test to verify the System Validation. Results for this dipole are within the measurement system uncertainty of the reference SAR values indicated within the latest draft of IEC62209-2 (10/3/08) when using flat phantom with 2mm thickness is used. These results then are averaged and used as the target for the daily system performance check when the simulated head tissue is used.
- The dipole targets for the body are set immediately following the same process noted above. Since there is no standard referencing the SAR values for the System Validation using the simulated body tissue, the compliant System Validation results using the simulated head tissue are used to justify the use of the System Validation results using the simulated body tissue due to the same setup except for the simulated tissue type.

The targets set in this report were conducted following the above process.

Note that the targets set for the tested dipole, when using the simulated head tissue, meets the requirement for the system validation per IEEE1528-2003, the latest draft of IEC62209-2 (10/3/08) standard, and the difference between this result and the result from the manufacture's dipole calibration certificate is 1.53% for 900 and 9.16% for 2450, which is well within the measurement uncertainty of the measurement system at k=2.

To assess the isotropic characteristics of the measurement probe, a probe rotation was performed using the "Rotation (1D)" function in the DASY software with a measured isotropy tolerance of +/- 0.5dB.

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/7/2010 4:42:05 PM

Robot# / Run#: DASY4-FL-1 / CM-SYSP-900H-100107-01

Phantom# / Tissue Temp.: SAMTP1022 / 20.1 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.07 mW/g (1g)

Calculated: 11.12 mW/g (1g)

Percent from Target (+/-): 0.5 % (1g)

Rotation (1D): 0.072 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 2.78 mW/g (1g); 1.78 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 56.4 V/m; Power Drift = -0.00689 dB

Peak SAR (extrapolated) = 4.24 W/kg

SAR(1 g) = 2.78 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 3.01 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: $dx=15$ mm,

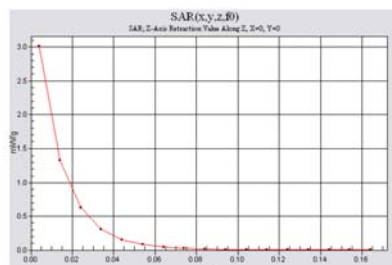
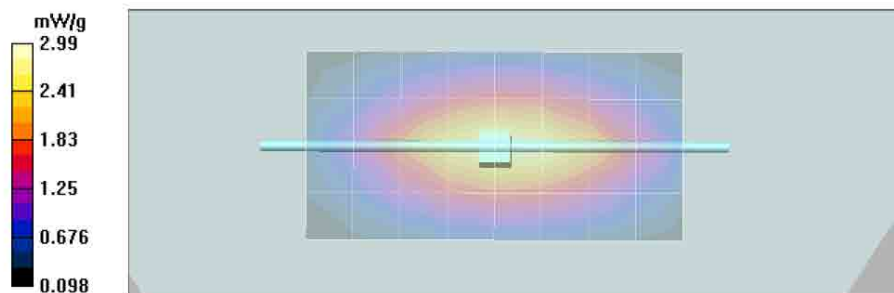
$dy=15$ mm

Reference Value = 56.4 V/m; Power Drift = -0.00689 dB

Motorola Fast SAR: SAR(1 g) = 2.79 mW/g; SAR(10 g) = 1.87 mW/g

Maximum value of SAR (interpolated) = 3.00 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/8/2010 9:00:05 AM

Robot# / Run#: DASY4-FL-1 / JsT-SYSP-900H-100108-01

Phantom# / Tissue Temp.: SAMTP1022 / 20.0 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.07 mW/g (1g)

Calculated: 11.16 mW/g (1g)

Percent from Target (+/-): 0.8 % (1g)

Rotation (1D): 0.078 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 2.79 mW/g (1g); 1.79 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 56.1 V/m; Power Drift = -0.0156 dB

Peak SAR (extrapolated) = 4.25 W/kg

SAR(1 g) = 2.79 mW/g; SAR(10 g) = 1.79 mW/g

Maximum value of SAR (measured) = 3.02 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm,

dy=15mm

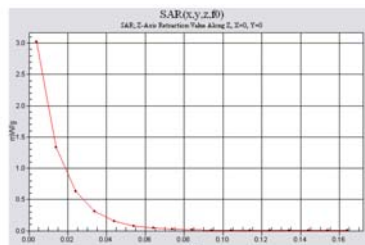
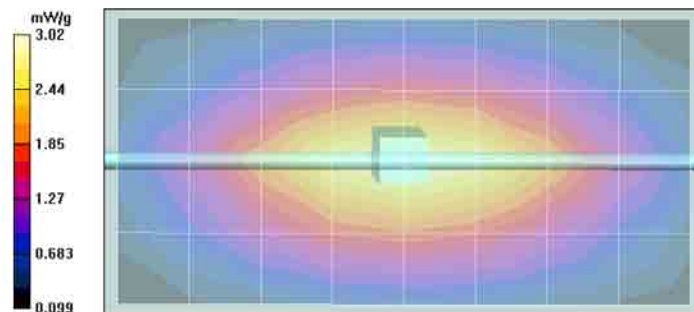
Reference Value = 56.1 V/m; Power Drift = -0.0156 dB

Motorola Fast SAR: SAR(1 g) = 2.81 mW/g; SAR(10 g) = 1.88 mW/g

Maximum value of SAR (interpolated) = 3.02 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm,

dz=10mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/11/2010 10:51:00 AM

Robot# / Run#: DASY4-FL-1 / ErC-SYSP-900H-100111-01

Phantom# / Tissue Temp.: SAMTP1022 / 20.2 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.07 mW/g (1g)

Calculated: 11.44 mW/g (1g)

Percent from Target (+/-): 3.3 % (1g)

Rotation (1D): 0.056 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 2.86 mW/g (1g); 1.83 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 57.0 V/m; Power Drift = -0.00166 dB

Peak SAR (extrapolated) = 4.38 W/kg

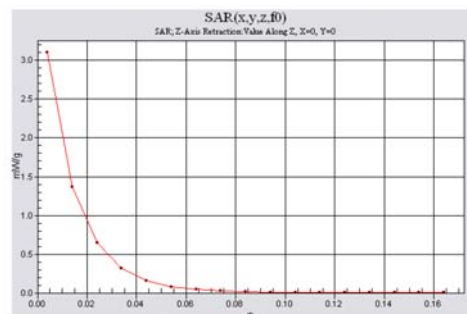
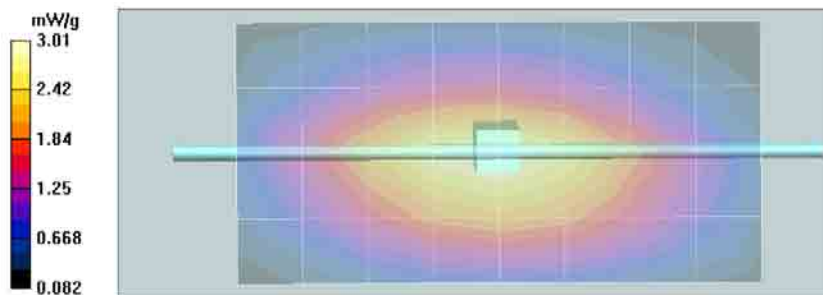
SAR(1 g) = 2.86 mW/g; SAR(10 g) = 1.83 mW/g

Maximum value of SAR (measured) = 3.10 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 3.01 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/12/2010 7:03:08 AM

Robot# / Run#: DASY4-FL-1 / JsT-SYSP-900B-100112-01

Phantom# / Tissue Temp.: OVAL1019 / 20.3 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.92 mW/g (1g)

Calculated: 12.04 mW/g (1g)

Percent from Target (+/-): 1.0 % (1g)

Rotation (1D): 0.08 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 3.01 mW/g (1g); 1.93 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.08$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 55.5 V/m; Power Drift = 0.0335 dB

Peak SAR (extrapolated) = 4.55 W/kg

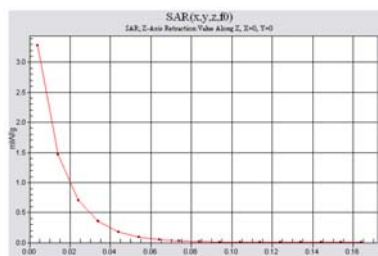
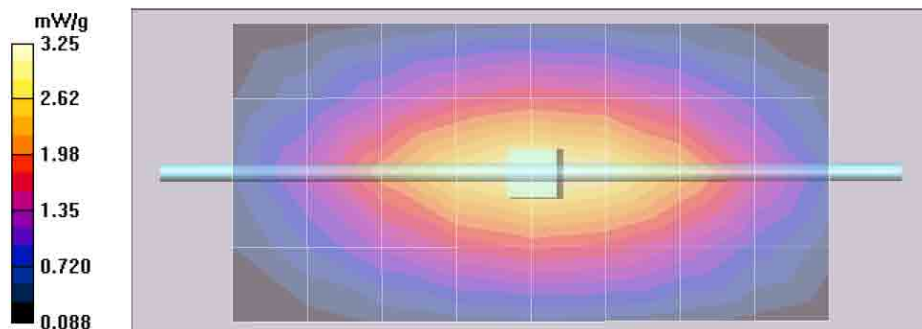
SAR(1 g) = 3.01 mW/g; SAR(10 g) = 1.93 mW/g

Maximum value of SAR (measured) = 3.27 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/13/2010 7:10:54 AM

Robot# / Run#: DASY4-FL-1 / JsT-SYSP-900H-100113-01

Phantom# / Tissue Temp.: SAMTP1022 / 19.9 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.07 mW/g (1g)

Calculated: 11.36 mW/g (1g)

Percent from Target (+/-): 2.6 % (1g)

Rotation (1D): 0.068 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 2.84 mW/g (1g); 1.82 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 57.0 V/m; Power Drift = -0.0105 dB

Peak SAR (extrapolated) = 4.34 W/kg

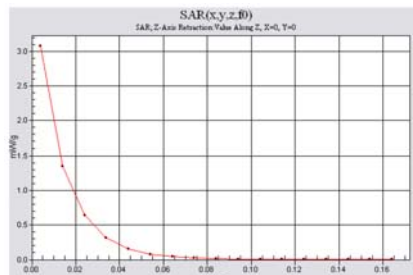
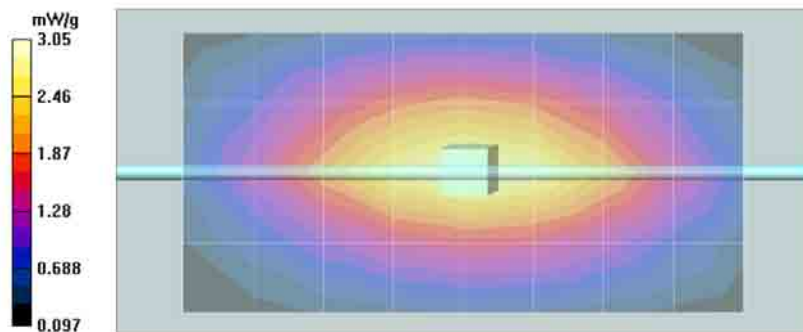
SAR(1 g) = 2.84 mW/g; SAR(10 g) = 1.82 mW/g

Maximum value of SAR (measured) = 3.08 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 3.05 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/14/2010 6:47:32 AM

Robot# / Run#: DASY4-FL-1 / JsT-SYSP-900B-100114-01

Phantom# / Tissue Temp.: OVAL1019 / 19.8 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.92 mW/g (1g)

Calculated: 12.20 mW/g (1g)

Percent from Target (+/-): 2.3 % (1g)

Rotation (1D): 0.072 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 3.05 mW/g (1g); 1.96 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.09$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 55.9 V/m; Power Drift = -0.0426 dB

Peak SAR (extrapolated) = 4.61 W/kg

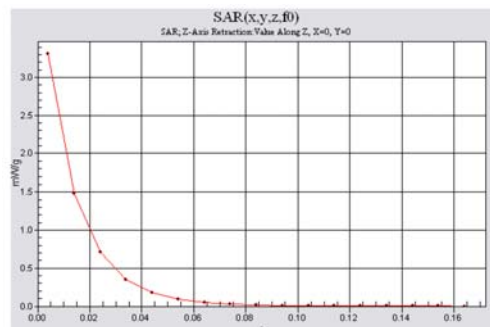
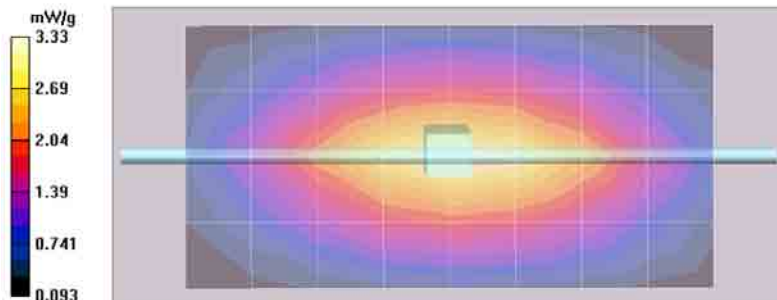
SAR(1 g) = 3.05 mW/g; SAR(10 g) = 1.96 mW/g

Maximum value of SAR (measured) = 3.31 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 3.33 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/19/2010 5:45:38 PM

Robot# / Run#: DASY4-FL-1 / CM-SYSP-900B-100119-08

Phantom# / Tissue Temp.: OVAL1019 / 20.0 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.92 mW/g (1g)

Calculated: 11.20 mW/g (1g)

Percent from Target (+/-): 6.0 % (1g)

Rotation (1D): 0.057 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 2.8 mW/g (1g); 1.8 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 54.8 V/m; Power Drift = 0.00956 dB

Peak SAR (extrapolated) = 4.23 W/kg

SAR(1 g) = 2.8 mW/g; SAR(10 g) = 1.8 mW/g

Maximum value of SAR (measured) = 3.03 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: $dx=15$ mm,

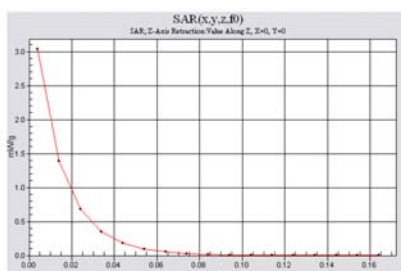
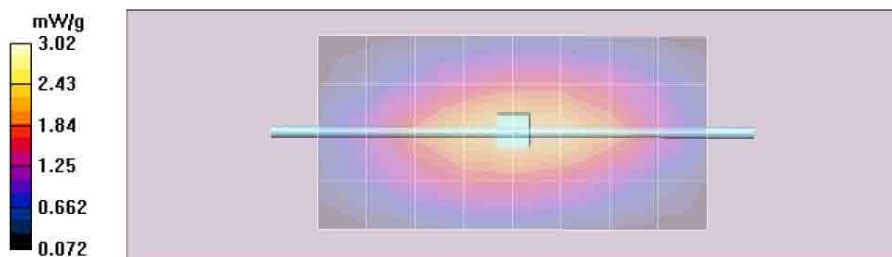
$dy=15$ mm

Reference Value = 54.8 V/m; Power Drift = 0.00956 dB

Motorola Fast SAR: SAR(1 g) = 2.81 mW/g; SAR(10 g) = 1.87 mW/g

Maximum value of SAR (interpolated) = 3.03 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/20/2010 7:18:40 AM

Robot# / Run#: DASY4-FL-1 / JsT-SYSP-900B-100120-01

Phantom# / Tissue Temp.: OVAL1019 / 19.7 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.92 mW/g (1g)

Calculated: 11.56 mW/g (1g)

Percent from Target (+/-): 3.0 % (1g)

Rotation (1D): 0.07 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 2.89 mW/g (1g); 1.87 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 55.4 V/m; Power Drift = -0.00806 dB

Peak SAR (extrapolated) = 4.34 W/kg

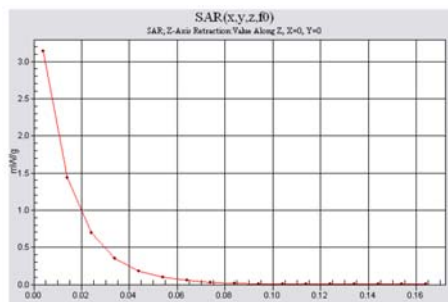
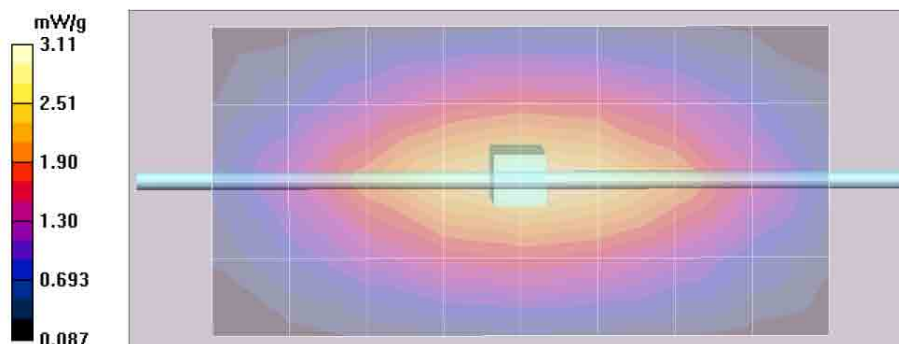
SAR(1 g) = 2.89 mW/g; SAR(10 g) = 1.87 mW/g

Maximum value of SAR (measured) = 3.14 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.11 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/1/2010 2:03:20 PM

Robot# / Run#: DASY4-FL-1 / ErC-SYSP-900B-100201-02

Phantom# / Tissue Temp.: OVAL1019 / 20.5 (C)

Dipole Model# / Serial#: D900V2 / 085

TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.92 mW/g (1g)

Calculated: 12.24 mW/g (1g)

Percent from Target (+/-): 2.7 % (1g)

Rotation (1D): 0.038 dB

Calculated: 3.06 mW/g (1g); 1.97 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 56.7 V/m; Power Drift = -0.0145 dB

Peak SAR (extrapolated) = 4.60 W/kg

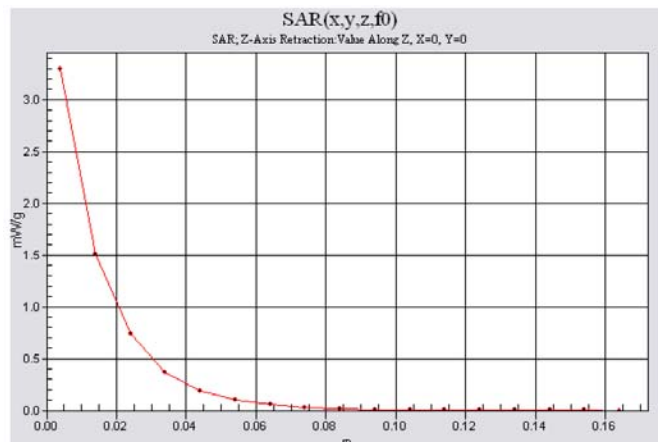
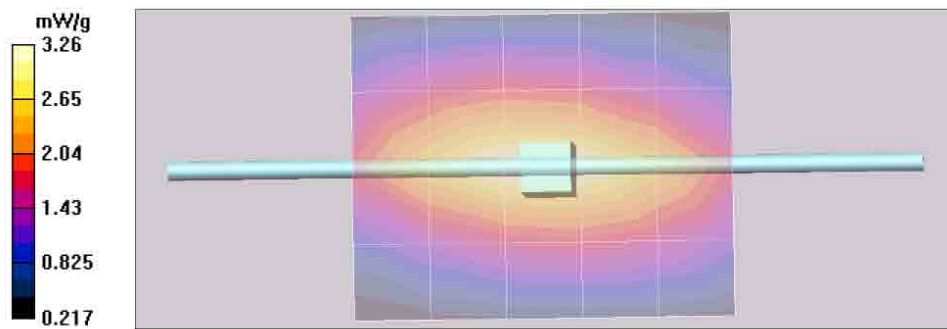
SAR(1 g) = 3.06 mW/g; SAR(10 g) = 1.97 mW/g

Maximum value of SAR (measured) = 3.32 mW/g

System Performance Check/Dipole Area Scan 1 (5x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 3.26 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/18/2010 6:48:22 AM

Robot# / Run#: DASY4-FL-1 / JsT-SYSP-2450B-100218-01

Phantom# / Tissue Temp.: DUAL1002 Side A / 20.1 (C)

Dipole Model# / Serial#: D2450V2 / 704

TX Freq. / Start power: 2450 (MHz) / 100 (mW)

Target: 55.27 mW/g (1g)

Calculated: 54.60 mW/g (1g)

Percent from Target (+/-): 1.2 % (1g)

Rotation (1D): 0.18 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 5.46 mW/g (1g); 2.53 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm, Reference Value = 54.3 V/m; Power Drift = 0.0041 dB

Peak SAR (extrapolated) = 11.3 W/kg

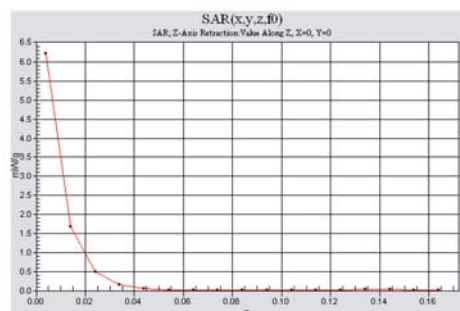
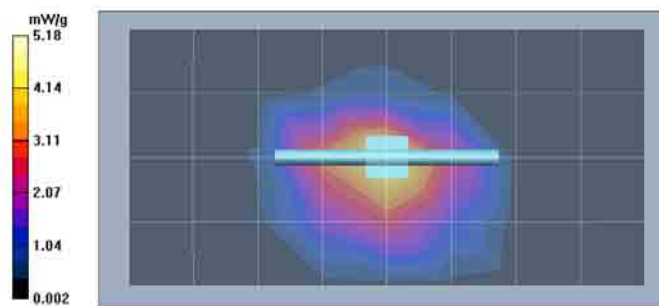
SAR(1 g) = 5.46 mW/g; SAR(10 g) = 2.53 mW/g

Maximum value of SAR (measured) = 6.12 mW/g

System Performance Check/Dipole Area Scan 2 (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=10$ mm Maximum value of SAR (measured) = 6.22 mW/g



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/19/2010 8:50:55 AM

Robot# / Run#: DASY4-FL-1 / HvH-SYSP-2450H-100219-01

Phantom# / Tissue Temp.: SAMTP1208 / 21.3 (C)

Dipole Model# / Serial#: D2450V2 / 704

TX Freq. / Start power: 2450 (MHz) / 100 (mW)

Target: 57.20 mW/g (1g)

Calculated: 60.70 mW/g (1g)

Percent from Target (+/-): 6.1 % (1g)

Rotation (1D): 0.180 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 6.05 mW/g (1g); 2.81 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.22, 4.22, 4.22)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 37.3$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 63.4 V/m; Power Drift = -0.0281 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 6.07 mW/g; SAR(10 g) = 2.81 mW/g

Maximum value of SAR (measured) = 6.94 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: $dx=15$ mm,

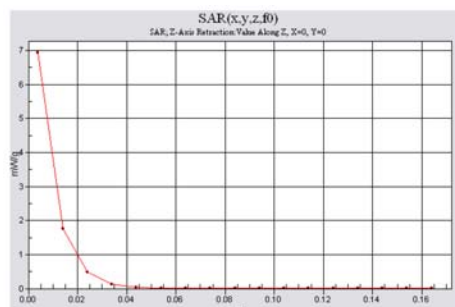
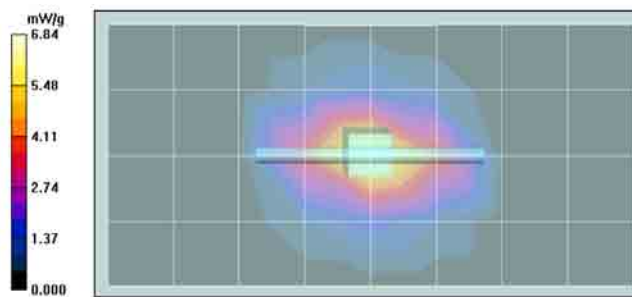
$dy=15$ mm, Reference Value = 63.4 V/m; Power Drift = -0.0281 dB

Motorola Fast SAR: SAR(1 g) = 5.98 mW/g; SAR(10 g) = 2.61 mW/g

Maximum value of SAR (interpolated) = 6.84 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm,

$dz=10$ mm Maximum value of SAR (measured) = 6.93 mW/g



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/20/2010 5:44:04 AM

Robot# / Run#: DASY4-FL-1 / HvH-SYSP-2450B-100220-02

Phantom# / Tissue Temp.: DUAL1002 Side A / 20.7 (C)

Dipole Model# / Serial#: D2450V2 / 704

TX Freq. / Start power: 2450 (MHz) / 100 (mW)

Target: 55.27 mW/g (1g)

Calculated: 51.00 mW/g (1g)

Percent from Target (+/-): 7.7 % (1g)

Rotation (1D): 0.17 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 5.10 mW/g (1g); 2.37 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 56.3 V/m; Power Drift = 0.0677 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 5.1 mW/g; SAR(10 g) = 2.37 mW/g

Maximum value of SAR (measured) = 5.83 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: $dx=15$ mm,

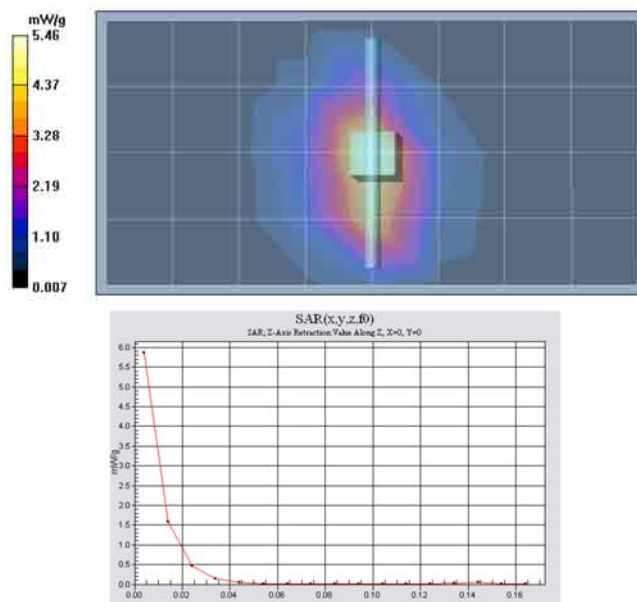
$dy=15$ mm, Reference Value = 56.3 V/m; Power Drift = 0.0677 dB

Motorola Fast SAR: SAR(1 g) = 4.89 mW/g; SAR(10 g) = 2.09 mW/g

Maximum value of SAR (interpolated) = 6.15 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm,

$dz=10$ mm, Maximum value of SAR (measured) = 5.87 mW/g



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/22/2010 10:25:47 AM

Robot# / Run#: DASY4-FL-1 / HvH-SYSP-2450B-100222-01

Phantom# / Tissue Temp.: DUAL1002 Side A / 20.9 (C)

Dipole Model# / Serial#: D2450V2 / 704

TX Freq. / Start power: 2450 (MHz) / 200 (mW)

Target: 55.27 mW/g (1g)

Calculated: 56.50 mW/g (1g)

Percent from Target (+/-): 2.2 % (1g)

Rotation (1D): 0.21 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 11.30 mW/g (1g); 5.27 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 77.8 V/m; Power Drift = -0.00194 dB

Peak SAR (extrapolated) = 23.0 W/kg

SAR(1 g) = 11.3 mW/g; SAR(10 g) = 5.27 mW/g

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

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: $dx=15$ mm,

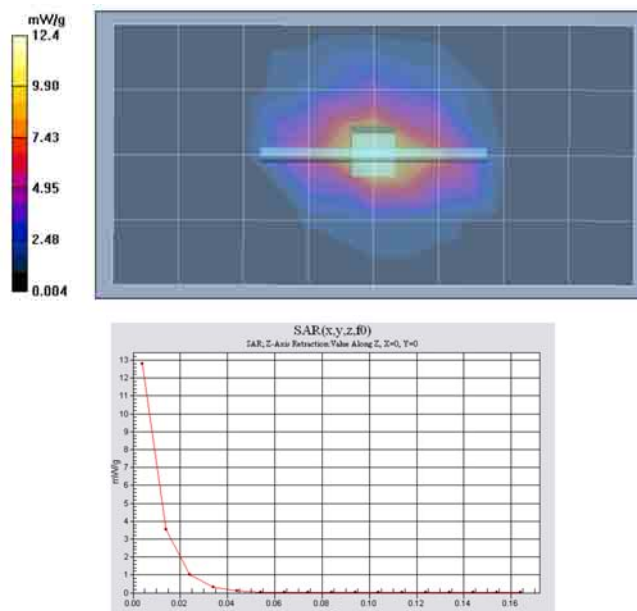
$dy=15$ mm, Reference Value = 77.8 V/m; Power Drift = -0.00194 dB

Motorola Fast SAR: SAR(1 g) = 11.1 mW/g; SAR(10 g) = 4.76 mW/g

Maximum value of SAR (interpolated) = 13.2 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: $dx=20$ mm, $dy=20$ mm,

$dz=10$ mm, Maximum value of SAR (measured) = 12.8 mW/g



Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/23/2010 8:50:00 AM

Robot# / Run#: DASY4-FL-1 / HvH-SYSP-2450B-100223-01

Phantom# / Tissue Temp.: DUAL1002 Side A / 20.2 (C)

Dipole Model# / Serial#: D2450V2 / 704

TX Freq. / Start power: 2450 (MHz) / 30 (mW)

Target: 55.27 mW/g (1g)

Calculated: 56.00 mW/g (1g)

Percent from Target (+/-): 1.3 % (1g)

Rotation (1D): 0.19 dB

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 1.68 mW/g (1g); .782 mW/g (10g)

Comments:

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.3 V/m; Power Drift = 0.0049 dB

Peak SAR (extrapolated) = 3.44 W/kg

SAR(1 g) = 1.68 mW/g; SAR(10 g) = 0.782 mW/g

Maximum value of SAR (measured) = 1.88 mW/g

System Performance Check/Dipole Area Scan 2 (41x81x1): Measurement grid: dx=15mm,

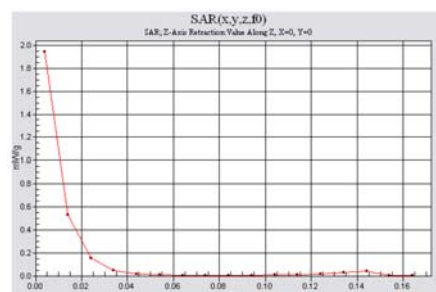
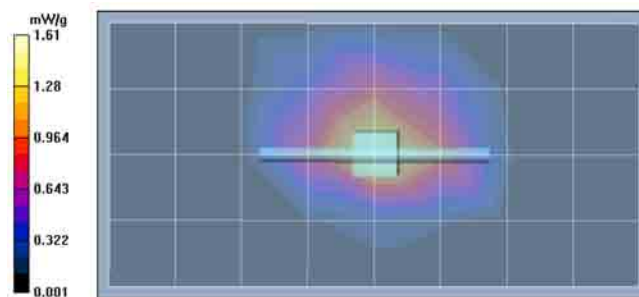
dy=15mm, Reference Value = 30.3 V/m; Power Drift = 0.0049 dB

Motorola Fast SAR: SAR(1 g) = 1.66 mW/g; SAR(10 g) = 0.731 mW/g

Maximum value of SAR (interpolated) = 2.02 mW/g

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm,

dz=10mm, Maximum value of SAR (measured) = 1.94 mW/g



DIPOLE SAR TARGET - HEAD

Date: 12/29/09 Frequency (MHz): 900
 Lab Location: FL08-G&PS Mixture Type: IEEE Head
 DAE Serial #: 401 Ambient Temp.(°C): 22

Tissue Characteristics
 Permittivity: 39.8 Phantom Type/SN: OVAL1021
 Conductivity: 0.96 Distance (mm): 15
 Tissue Temp.(°C): 19.9

Reference Source: Dipole Power to Dipole: 250 mW
 Reference SN: 85

Target 1g-SAR Value (mW/g, normalized to 1.0 W):

10.9

Difference from Target

1.53% (1g-SAR)

New Target:

Average 1g-SAR Value (mW/g):	11.07
------------------------------	--------------

Passes K=2

Percent Difference From Target (MUST be within k=2 Uncertainty):

Probe SN #s	1g-SAR (Cube)	Diff from Ave	Robot
3163	11.12	0.5%	R3
3147	11.12	0.5%	R3
3185	10.96	-1.0%	R3
Average 11.0667 New Measured SAR Value			

(normalized to 1.0 W)

Test performed by:

Ed Church

Initial:

E.C.

Motorola Internal Use Only

FCD-0733 Rev. 6

DIPOLE SAR TARGET - BODY

Date: 12/29/09 Frequency (MHz): 900
 Lab Location: FL08-G&PS Mixture Type: Body
 DAE Serial #: 401 Ambient Temp.(°C): 22

Tissue Characteristics

Permittivity: 52.8 Phantom Type/SN: OVAL1019
 Conductivity: 1.07 Distance (mm): 15
 Tissue Temp.(°C): 20.5

Reference Source: Dipole Power to Dipole: 250 mW
 Reference SN: 85

New Target:

Average Measured SAR Value: 11.92 mW/g(1g avg.),

Probe SN #s	1-G Cube	Diff from Ave	Robot
3185	12.08	1.3%	R3
3147	11.76	-1.3%	R3
3163	11.92	0.0%	R3
Average		New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: Ed Church Initial: EC

DIPOLE SAR TARGET - HEAD

Date: 12/28/09 Frequency (MHz): 2450
 Lab Location: FL08-G&PS Mixture Type: IEEE Head
 DAE Serial #: 363 Ambient Temp.(°C): 21.8

Tissue Characteristics
 Permittivity: 36.6 Phantom Type/SN: DUAL1003 SIDE B
 Conductivity: 1.87 Distance (mm): 10
 Tissue Temp.(°C): 21.3

Reference Source: Dipole Power to Dipole: 50 mW
 Reference SN: 704

Target 1g-SAR Value (mW/g, normalized to 1.0 W):

52.4

Difference from Target

9.16% (1g-SAR)**New Target:**Average 1g-SAR Value (mW/g): **57.20****Passes K=2**

Percent Difference From Target (MUST be within k=2 Uncertainty):

Probe SN #s	1g-SAR (Cube)	Diff from Ave	Robot
3147	58.20	1.7%	R2
3163	56.80	-0.7%	R2
3185	56.60	-1.0%	R2
Average	57.2000	New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: C. Miller Initial: 

Motorola Internal Use Only

FCD-0733 Rev. 6

DIPOLE SAR TARGET - BODY

Date: 12/28/09 Frequency (MHz): 2450
 Lab Location: FL08-G&PS Mixture Type: Body
 DAE Serial #: 363 Ambient Temp.(°C): 21.9

Tissue Characteristics

Permittivity: 51.2 Phantom Type/SN: DUAL1003 SIDE A
 Conductivity: 2.02 Distance (mm): 10
 Tissue Temp.(°C): 20.9

Reference Source: Dipole Power to Dipole: 50 mW
 Reference SN: 704

New Target:

Average Measured SAR Value: 55.27 mW/g(1 g avg.),

Probe SN #s	1-G Cube	Diff from Ave	Robot
3147	58.20	5.3%	R2
3163	54.80	-0.8%	R2
3185	52.80	-4.5%	R2
Average		New Measured SAR Value	

(normalized to 1.0 W)

Test performed by: C. Miller Initial: 

Motorola Internal Use Only

FCD-0733 Rev.6

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

Shortened Scan Result

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/1/2010 4:48:32 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100201-03

Phantom# / Tissue Temp.: OVAL1019 / 20.3 (C)

DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH

Antenna / TX Freq.: 85009268001 (Internal) / 815.5125 (MHz)

Battery: SNN5843A w/ NTN2559xxxA

Carry Acc. / Cable Acc.: None / None

Start Power: .648 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .923 mW/g (1g); .679 mW/g (10g)

Comments: Shorten scan. LED's off. Back of DUT at 2.5cm.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.5, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

Reference Value = 32.0 V/m; Power Drift = -0.0671 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.679 mW/g

Maximum value of SAR (measured) = 1.02 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 32.4 V/m; Power Drift = -0.127 dB

Motorola Fast SAR: SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (interpolated) = 0.959 mW/g

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

Maximum value of SAR (measured) = 0.927 mW/g

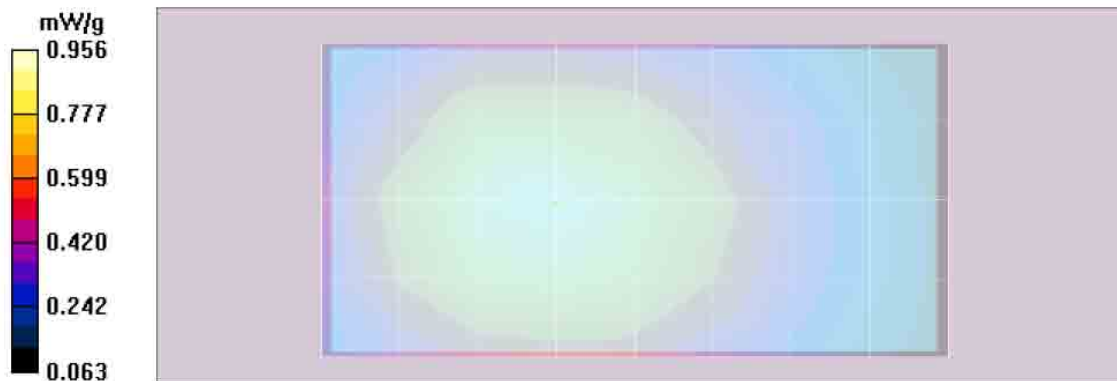
Shortened scan reflect highest SAR producing configuration; approximate run time 7 minutes.

Representative zoom scan approximate run time was 15 minutes

"Shortened" scan max calculated SAR using SAR drift: 1-g Avg. = 0.95 mW/g; 10-g Avg. = 0.70 mW/g

Zoom scan max calculated SAR using SAR drift: 1-g Avg. = 0.91 mW/g; 10-g Avg. = 0.68 mW/g

(see part 1 of 2 section 13.9 run # HvH-Ab-100113-05)



Highest Body SAR Configuration Result
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/13/2010 1:15:24 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100113-05
 Phantom# / Tissue Temp.: OVAL1019 / 19.4 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 815.5125 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .647 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .887 mW/g (1g); .661 mW/g (10g)

Comments: Shorten scan. LED's off. Back of DUT at 2.5cm.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.5, Medium parameters used: $f = 815.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

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

Reference Value = 31.6 V/m; Power Drift = -0.0644 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.661 mW/g

Maximum value of SAR (measured) = 0.931 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

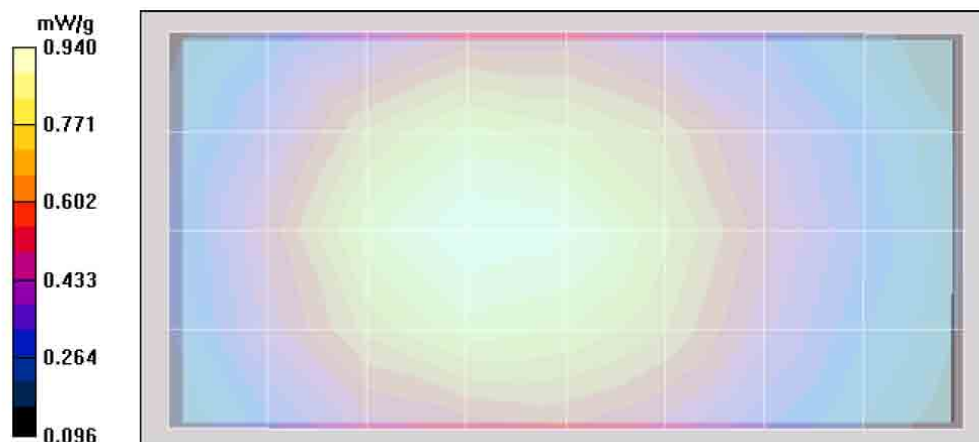
Reference Value = 30.8 V/m; Power Drift = -0.0737 dB

Motorola Fast SAR: SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.636 mW/g

Maximum value of SAR (interpolated) = 0.945 mW/g

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

Maximum value of SAR (measured) = 0.966 mW/g



Highest Head SAR Configuration Result
Motorola Enterprise Mobility Solutions EME Laboratory
 Date/Time: 1/8/2010 12:10:26 PM

Robot# / Run#: DASY4-FL-1 / HvH-Lear-100108-04
 Phantom# / Tissue Temp.: SAMTP1022 / 19.7 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 824.9875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .657 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.727 mW/g (1g); 0.530 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Left Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.780 mW/g

Left Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

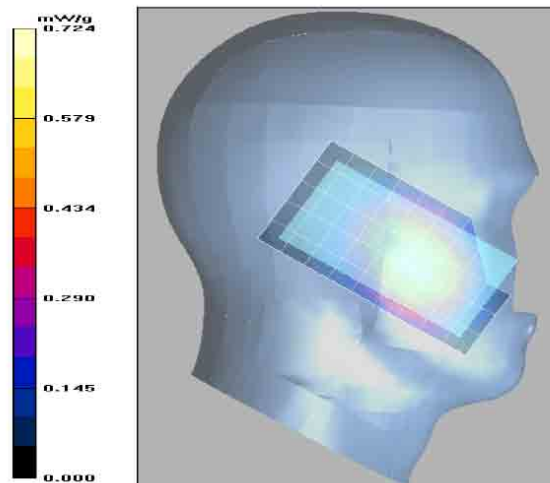
Reference Value = 28.2 V/m; Power Drift = -0.084 dB

Motorola Fast SAR: SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (interpolated) = 0.754 mW/g

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

Maximum value of SAR (measured) = 0.711 mW/g



Highest Face SAR Configuration Result
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/11/2010 10:06:12 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100111-10
 Phantom# / Tissue Temp.: SAMTP1022 / 20.8 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 902.525 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .882 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 1.03 mW/g (1g); 0.746 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.05, Medium parameters used: $f = 915$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.6 V/m; Power Drift = 0.247 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.746 mW/g

Maximum value of SAR (measured) = 1.10 mW/g

Face Scan/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

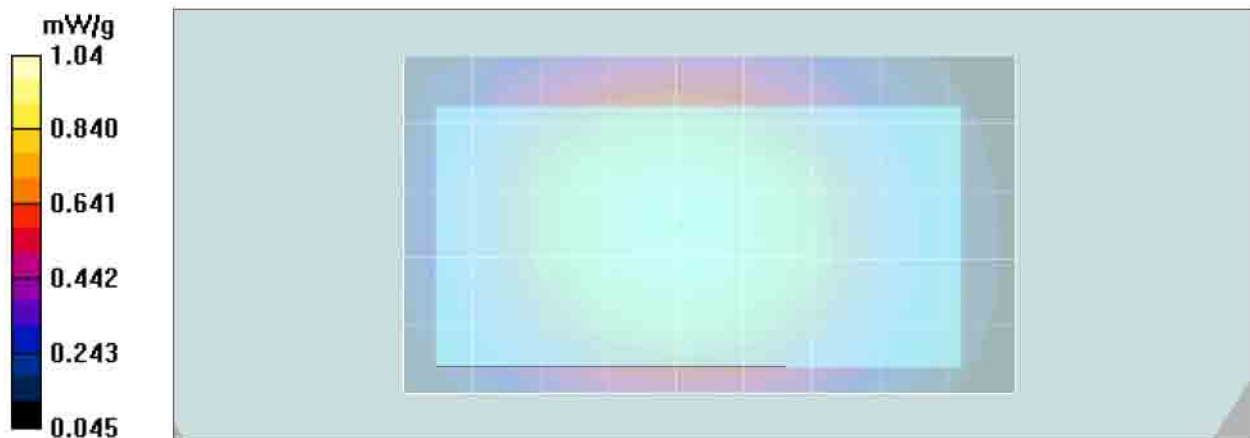
Reference Value = 31.6 V/m; Power Drift = 0.130 dB

Motorola Fast SAR: SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.720 mW/g

Maximum value of SAR (interpolated) = 1.07 mW/g

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

Maximum value of SAR (measured) = 1.12 mW/g



Appendix F DUT Scans

Section 1.0
806-825MHz Band Assessment of the offered body worn accessory
(Section 13.2 Table 14)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/12/2010 1:42:22 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100112-06

Phantom# / Tissue Temp.: OVAL1019 / 19.5 (C)

DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH

Antenna / TX Freq.: 85009268001 (Internal) / 815.5125 (MHz)

Battery: SNN5843A w/ NTN2559xxxA

Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / None

Start Power: .646 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .744 mW/g (1g); .538 mW/g (10g)

Comments: Shorten scan. Camera toward phantom.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.5, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

Reference Value = 28.2 V/m; Power Drift = -0.732 dB

Peak SAR (extrapolated) = 0.990 W/kg

SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.808 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

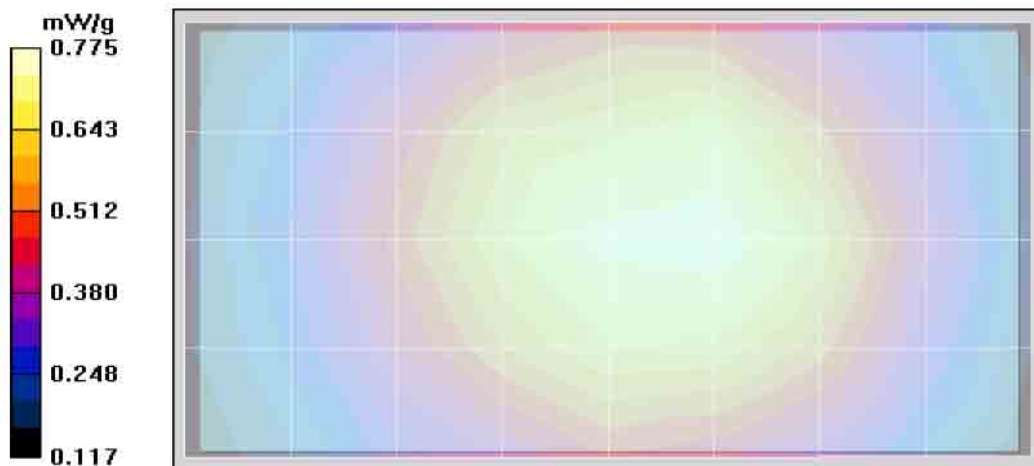
Reference Value = 27.6 V/m; Power Drift = -0.156 dB

Motorola Fast SAR: SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.524 mW/g

Maximum value of SAR (interpolated) = 0.784 mW/g

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

Maximum value of SAR (measured) = 0.641 mW/g



Section 2.0

**806-825MHz Band Assessment of the offered audio accessories
(Section 13.2 Table 15)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/12/2010 3:08:35 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100112-07
 Phantom# / Tissue Temp.: OVAL1019 / 19.2 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 815.5125 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / NNTN5330B
 Start Power: .655 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .224 mW/g (1g); .162 mW/g (10g)

Comments: Camera toward phantom.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

Reference Value = 15.4 V/m; Power Drift = -0.0971 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.240 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

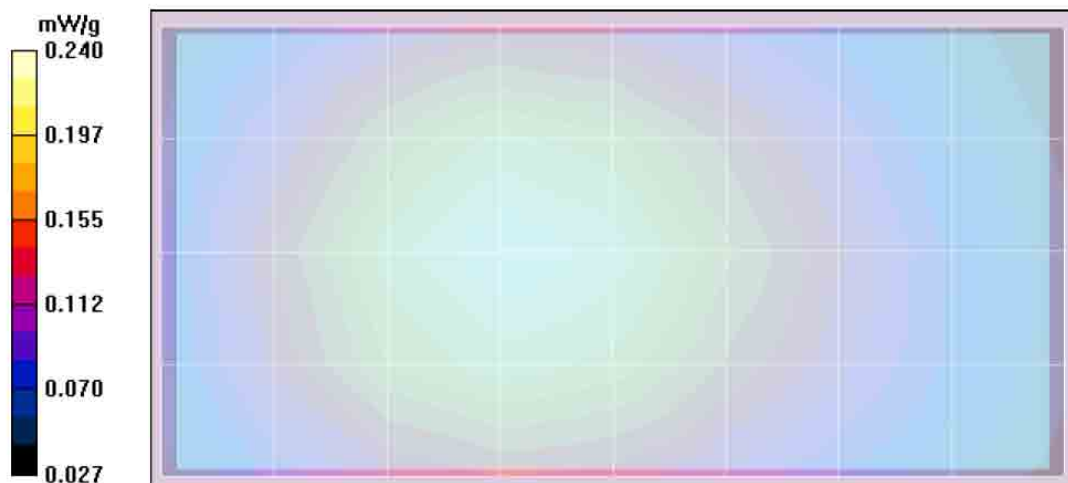
Reference Value = 15.4 V/m; Power Drift = -0.0518 dB

Motorola Fast SAR: SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (interpolated) = 0.241 mW/g

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

Maximum value of SAR (measured) = 0.228 mW/g



Section 3.0

**806-825MHz Band Assessment of frequency band edges of the offered antenna
(Section 13.2 Table 16)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/13/2010 11:35:26 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100113-03
 Phantom# / Tissue Temp.: OVAL1019 / 19.5 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 806.0125 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / None
 Start Power: .645 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .668 mW/g (1g); .487 mW/g (10g)

Comments: Shorten scan. LED's off. Camera toward phantom.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.5, Medium parameters used: $f = 815.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

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

Reference Value = 26.9 V/m; Power Drift = -1.05 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 0.719 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

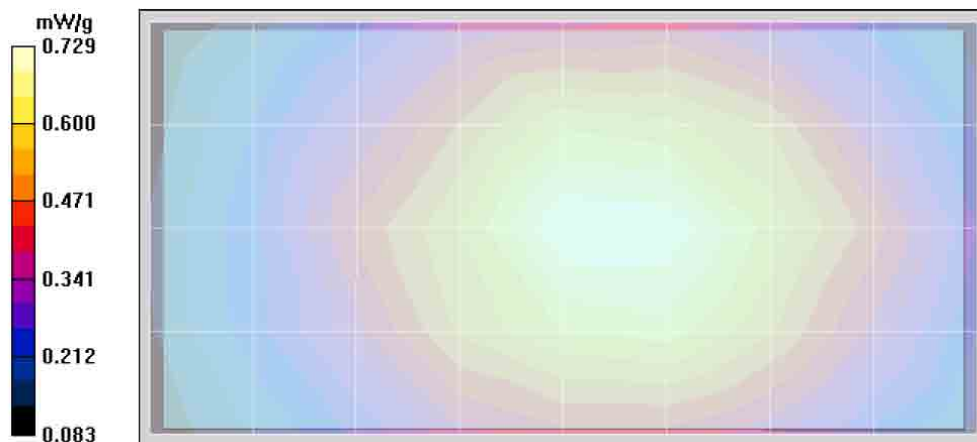
Reference Value = 26.4 V/m; Power Drift = -0.0891 dB

Motorola Fast SAR: SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (interpolated) = 0.743 mW/g

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

Maximum value of SAR (measured) = 0.597 mW/g



Section 4.0

**806-825MHz Band Assessment without body worn accessory at 2.5cm
(Section 13.2 Table 17)**

Motorola Enterprise Mobility Solutions EME Laboratory**Date/Time:** 1/13/2010 1:15:24 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100113-05

Phantom# / Tissue Temp.: OVAL1019 / 19.4 (C)

DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH

Antenna / TX Freq.: 85009268001 (Internal) / 815.5125 (MHz)

Battery: SNN5843A w/ NTN2559xxxA

Carry Acc. / Cable Acc.: None / None

Start Power: .647 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .887 mW/g (1g); .661 mW/g (10g)

Comments: Shorten scan. LED's off. Back of DUT at 2.5cm.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.5, Medium parameters used: $f = 815.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³**Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.6 V/m; Power Drift = -0.0644 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.661 mW/g

Maximum value of SAR (measured) = 0.931 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

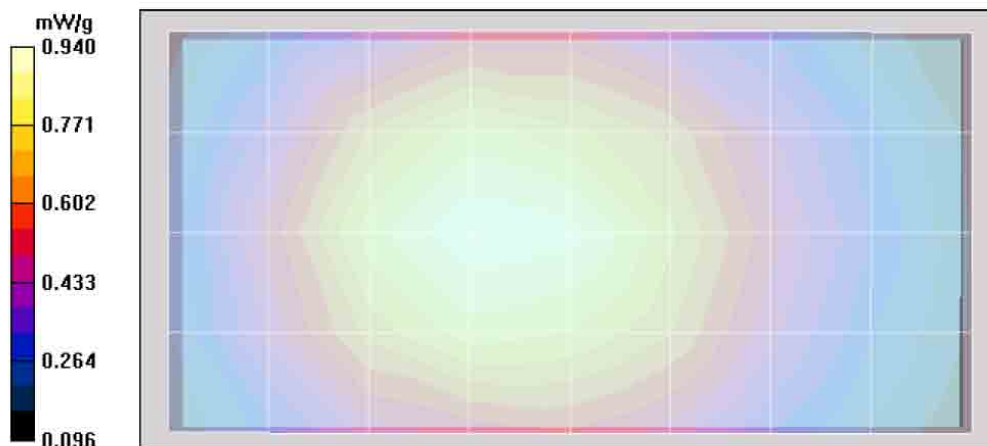
Reference Value = 30.8 V/m; Power Drift = -0.0737 dB

Motorola Fast SAR: SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.636 mW/g

Maximum value of SAR (interpolated) = 0.945 mW/g

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

Maximum value of SAR (measured) = 0.966 mW/g



Section 5.0
806-825MHz Band Assessment of the data/audio accessories at 2.5cm
(Section 13.2 Table 18)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/13/2010 2:25:29 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100113-07
 Phantom# / Tissue Temp.: OVAL1019 / 19.2 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 815.5125 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / SKN6238A
 Start Power: .646 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .849 mW/g (1g); .630 mW/g (10g)

Comments: LED's off. Back of DUT at 2.5cm.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.5, Medium parameters used: $f = 815.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

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

Reference Value = 30.3 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.630 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) = 0.910 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

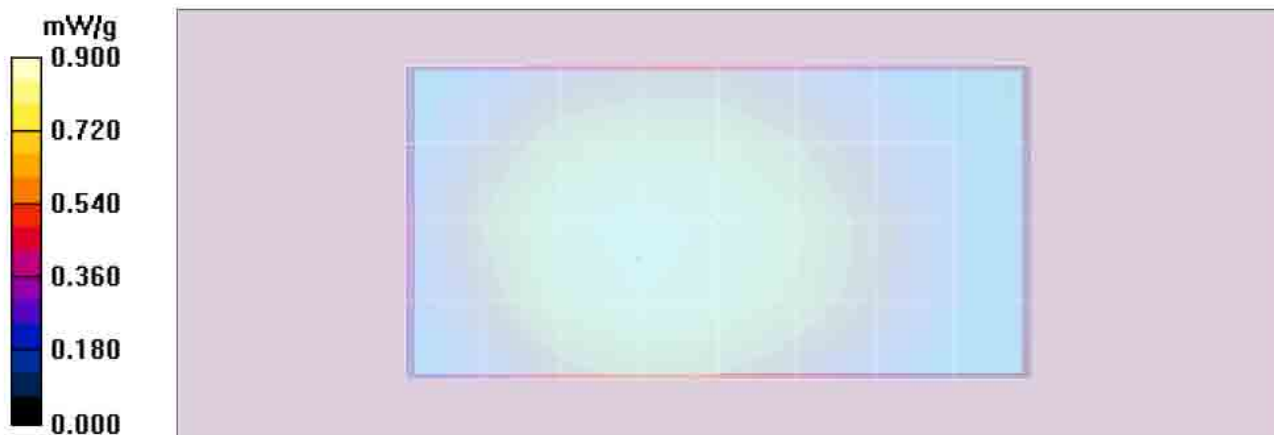
Reference Value = 30.3 V/m; Power Drift = -0.0871 dB

Motorola Fast SAR: SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.610 mW/g

Maximum value of SAR (interpolated) = 0.893 mW/g

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

Maximum value of SAR (measured) = 0.900 mW/g



Section 6.0
806-825MHz Band Assessment of the touch and tilt positions
(Section 13.2 Table 19)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/7/2010 10:07:19 PM

Robot# / Run#: DASY4-FL-1 / CM-LEAR-100107-09
 Phantom# / Tissue Temp.: SAMTP1022 / 19.8 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (internal) / 815.5125 (MHz)
 Battery: SNN5843A w/NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: 0.652 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.564 mW/g (1g); 0.409 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Left Ear-Touch position/5x5x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.237 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.605 mW/g

Left Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

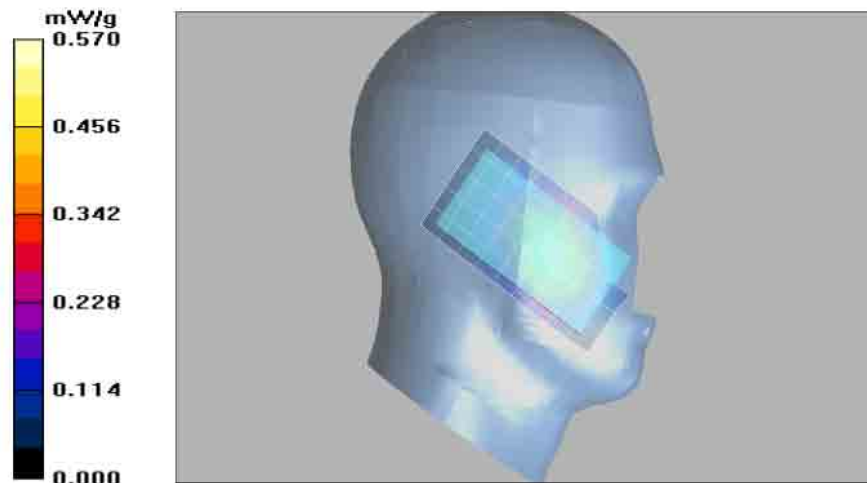
Reference Value = 24.1 V/m; Power Drift = -0.131 dB

Motorola Fast SAR: SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (interpolated) = 0.589 mW/g

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

Maximum value of SAR (measured) = 0.567 mW/g



Section 7.0

**806-825MHz Band Assessment of frequency band edges of the offered antenna
(Section 13.2 Table 20)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/8/2010 12:10:26 PM

Robot# / Run#: DASY4-FL-1 / HvH-Lear-100108-04
 Phantom# / Tissue Temp.: SAMTP1022 / 19.7 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 824.9875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .657 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.727 mW/g (1g); 0.530 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Left Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.780 mW/g

Left Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

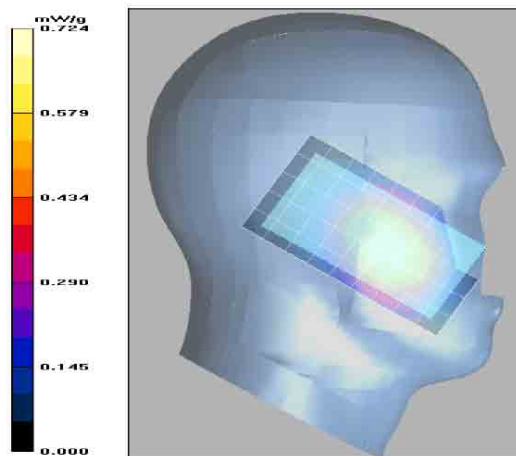
Reference Value = 28.2 V/m; Power Drift = -0.084 dB

Motorola Fast SAR: SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (interpolated) = 0.754 mW/g

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

Maximum value of SAR (measured) = 0.711 mW/g



Section 8.0
806-825MHz Band Assessment of the touch and tilt positions
(Section 13.2 Table 21)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/8/2010 3:32:07 PM

Robot# / Run#: DASY4-FL-1 / HvH-Rear-100108-09
 Phantom# / Tissue Temp.: SAMTP1022 / 19.6 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 815.5125 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .664 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.617 mW/g (1g); 0.464 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Right Ear-Touch Position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.0 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 0.648 mW/g

Right Ear-Touch Position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

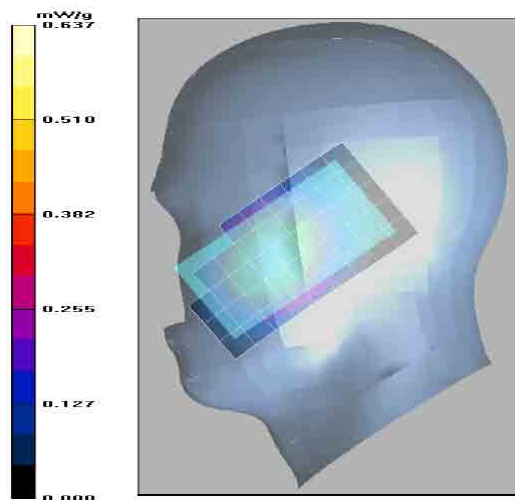
Reference Value = 27.0 V/m; Power Drift = -0.0906 dB

Motorola Fast SAR: SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (interpolated) = 0.676 mW/g

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

Maximum value of SAR (measured) = 0.656 mW/g



Section 9.0

**806-825MHz Band Assessment of frequency band edges of the offered antenna
(Section 13.2 Table 22)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/8/2010 6:38:16 PM

Robot# / Run#: DASY4-FL-1 / CM-Rear-100108-12
 Phantom# / Tissue Temp.: SAMTP1022 / 19.5 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 824.9875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .656 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.538 mW/g (1g); 0.400 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Right Ear-Touch Position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.220 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.400 mW/g

Maximum value of SAR (measured) = 0.563 mW/g

Right Ear-Touch Position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

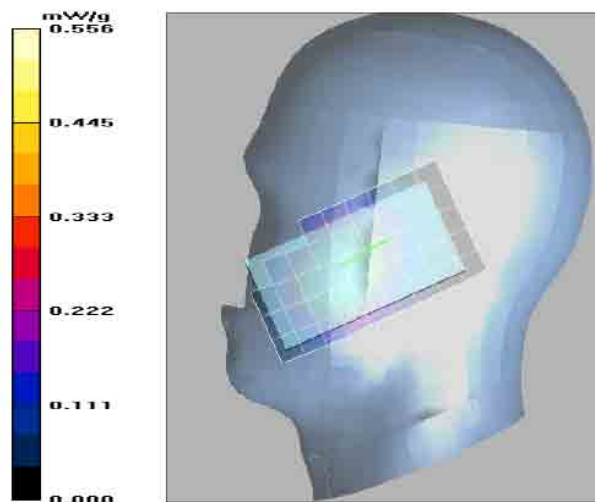
Reference Value = 24.8 V/m; Power Drift = -0.129 dB

Motorola Fast SAR: SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (interpolated) = 0.585 mW/g

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

Maximum value of SAR (measured) = 0.551 mW/g



Section 10.0

806-825MHz Band Assessment of frequency band of the offered antenna (Section 13.2 Table 23)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/11/2010 6:06:01 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100111-05
Phantom# / Tissue Temp.: SAMTP1022 / 20.9 (C)
DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
Antenna / TX Freq.: 85009268001 (Internal) / 824.9875 (MHz)
Battery: SNN5843A w/ NTN2559xxxA
Carry Acc. / Cable Acc.: None / None
Start Power: .653 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.167 mW/g (1g); 0.119 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:6, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = 0.0517 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.173 mW/g

Face Scan/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

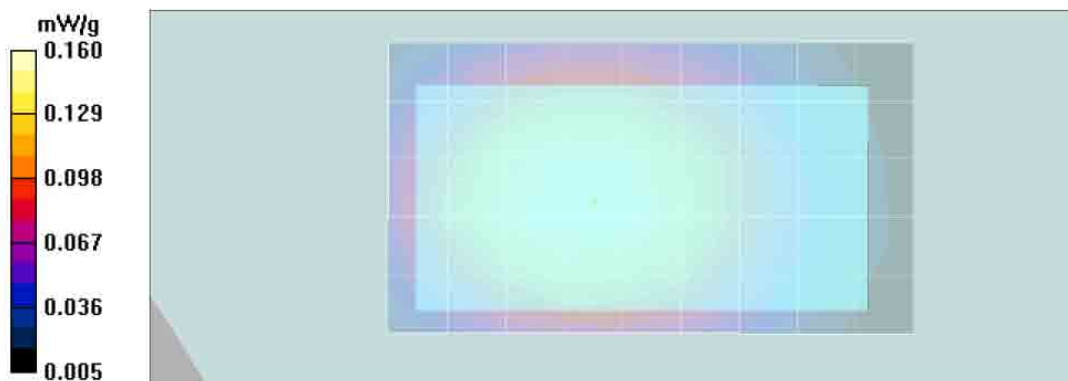
Reference Value = 12.4 V/m; Power Drift = -0.042 dB

Motorola Fast SAR: SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (interpolated) = 0.165 mW/g

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

Maximum value of SAR (measured) = 0.163 mW/g



Section 11.0
896-902MHz Band Assessment of the offered body worn accessory
(Section 13.4 Table 24)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/19/2010 9:17:15 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100119-11
 Phantom# / Tissue Temp.: OVAL1019 / 19.9 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 898.99375 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / None
 Start Power: .665 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .554 mW/g (1g); .407 mW/g (10g)

Comments: Shorten scan. Display toward phantom.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.5, Medium parameters used: $f = 899$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

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

Reference Value = 23.9 V/m; Power Drift = 0.0385 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.593 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

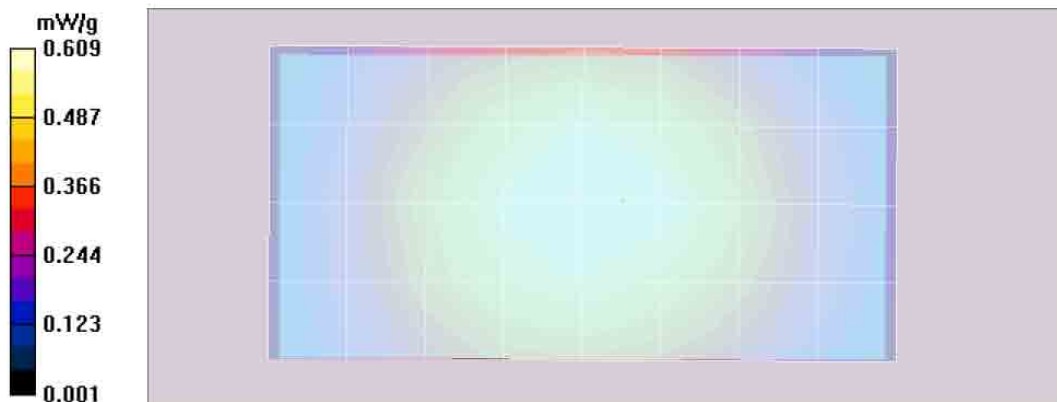
Reference Value = 23.1 V/m; Power Drift = 0.0918 dB

Motorola Fast SAR: SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (interpolated) = 0.637 mW/g

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

Maximum value of SAR (measured) = 0.609 mW/g



Section 12.0

**896-902MHz Band Assessment of the offered audio accessories
(Section 13.4 Table 25)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/20/2010 5:50:24 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100120-09
 Phantom# / Tissue Temp.: OVAL1019 / 19.9 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 898.99375 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / NNTN5774C
 Start Power: .654 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .148 mW/g (1g); .107 mW/g (10g)

Comments: Shorten scan. Display toward phantom.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 899$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.0968 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.157 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

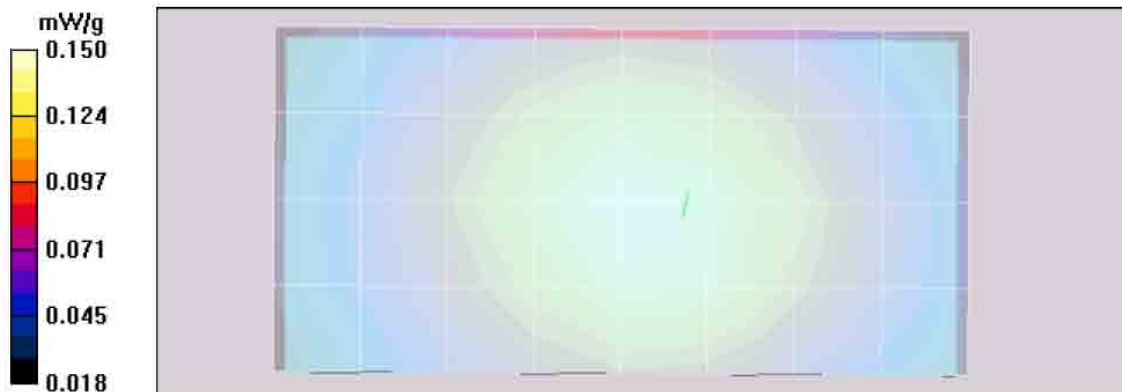
Reference Value = 11.5 V/m; Power Drift = 0.0968 dB

Motorola Fast SAR: SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (interpolated) = 0.151 mW/g

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

Maximum value of SAR (measured) = 0.158 mW/g



Section 13.0

**896-902MHz Band Assessment of frequency band edges of the offered antenna
(Section 13.4 Table 26)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/20/2010 8:32:23 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100120-11
 Phantom# / Tissue Temp.: OVAL1019 / 19.9 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 896.01875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / None
 Start Power: .658 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .592 mW/g (1g); .435 mW/g (10g)

Comments: Shorten scan. LED's off. Display toward phantom.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.5, Medium parameters used: $f = 899$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.8 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.435 mW/g

Maximum value of SAR (measured) = 0.628 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

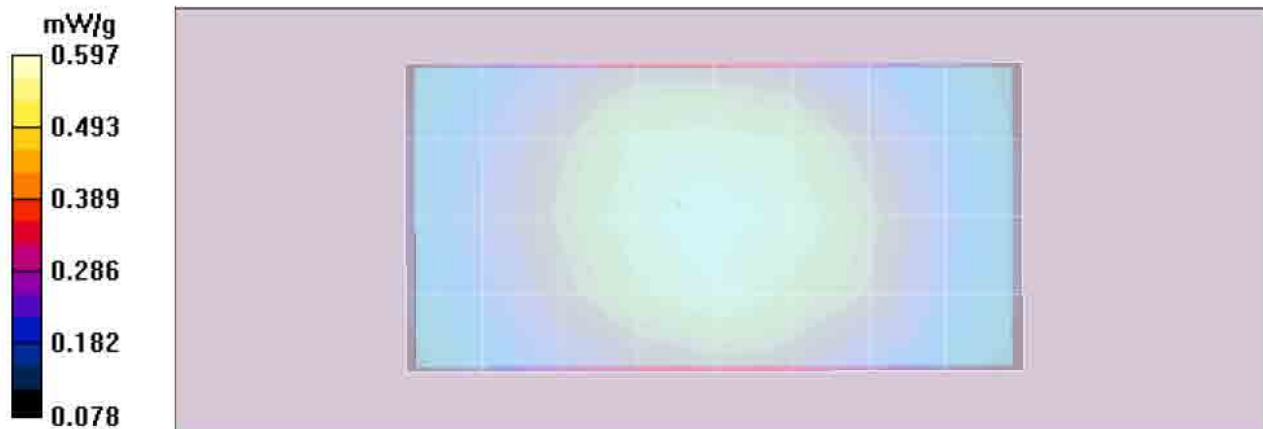
Reference Value = 22.8 V/m; Power Drift = 0.116 dB

Motorola Fast SAR: SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (interpolated) = 0.597 mW/g

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

Maximum value of SAR (measured) = 0.654 mW/g



Section 14.0
896-902MHz Band Assessment without body worn accessory at 2.5cm
(Section 13.4 Table 27)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/13/2010 10:46:40 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100113-15
 Phantom# / Tissue Temp.: OVAL1019 / 19.0 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 896.01875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .672 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .807 mW/g (1g); .590 mW/g (10g)

Comments: Shorten scan. LED's off. Back of DUT toward phantom @ 2.5 cm.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.5, Medium parameters used: $f = 899$ MHz; $\sigma = 1.09$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

Reference Value = 27.9 V/m; Power Drift = 0.0564 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.590 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) = 0.871 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

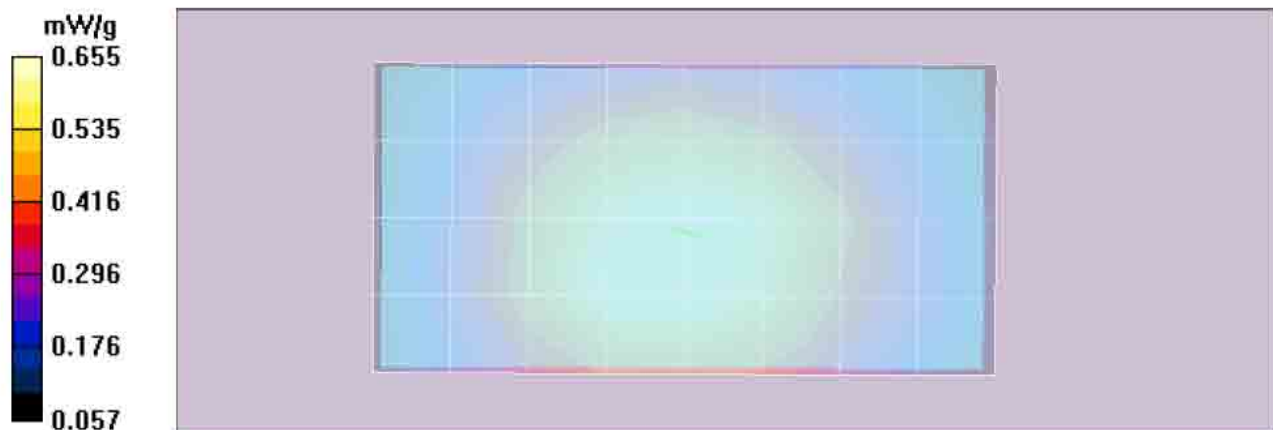
Reference Value = 23.6 V/m; Power Drift = -0.0124 dB

Motorola Fast SAR: SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (interpolated) = 0.684 mW/g

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

Maximum value of SAR (measured) = 0.889 mW/g



Section 15.0
896-902MHz Band Assessment of the data/audio accessories at 2.5cm
(Section 13.4 Table 28)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/13/2010 11:18:15 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100113-16
 Phantom# / Tissue Temp.: OVAL1019 / 19.0 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 896.01875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / SKN6238A
 Start Power: .672 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .451 mW/g (1g); .328 mW/g (10g)

Comments: Shorten scan. LED's off. Back of DUT toward phantom @ 2.5 cm.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.5, Medium parameters used: $f = 899$ MHz; $\sigma = 1.09$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

Reference Value = 20.7 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.328 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) = 0.485 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

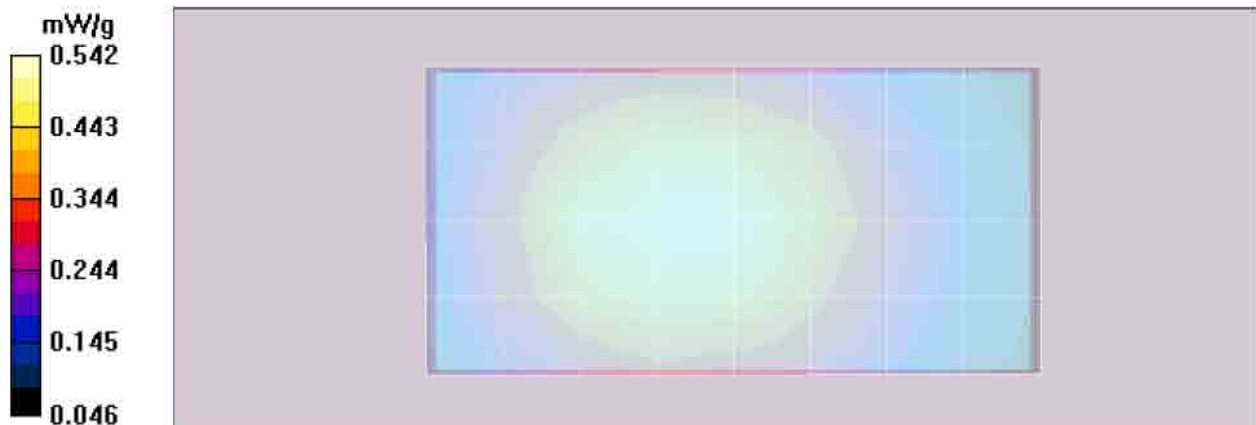
Reference Value = 22.3 V/m; Power Drift = 0.060 dB

Motorola Fast SAR: SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (interpolated) = 0.553 mW/g

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

Maximum value of SAR (measured) = 0.470 mW/g



Section 16.0
896-902MHz Band Assessment of the touch and tilt positions
(Section 13.4 Table 29)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/8/2010 12:39:23 PM

Robot# / Run#: DASY4-FL-1 / HvH-Lear-100108-05
 Phantom# / Tissue Temp.: SAMTP1022 / 19.7 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 898.99375 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .664 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.399 mW/g (1g); 0.289 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 899$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Left Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.0705 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.418 mW/g

Left Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

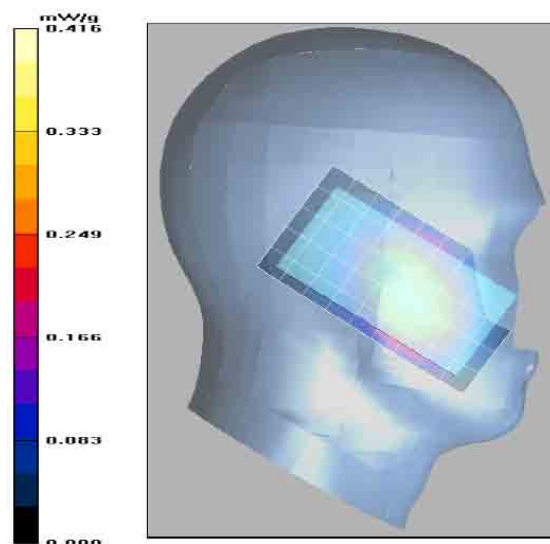
Reference Value = 19.5 V/m; Power Drift = 0.037 dB

Motorola Fast SAR: SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (interpolated) = 0.422 mW/g

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

Maximum value of SAR (measured) = 0.420 mW/g



Section 17.0

896-902MHz Band Assessment of frequency band edges of the offered antenna (Section 13.4 Table 30)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/8/2010 2:19:01 PM

Robot# / Run#: DASY4-FL-1 / HvH-Lear-100108-07
 Phantom# / Tissue Temp.: SAMTP1022 / 19.7 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 896.01875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .668 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.431 mW/g (1g); 0.313 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 899$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Left Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = 0.00146 dB

Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.450 mW/g

Left Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

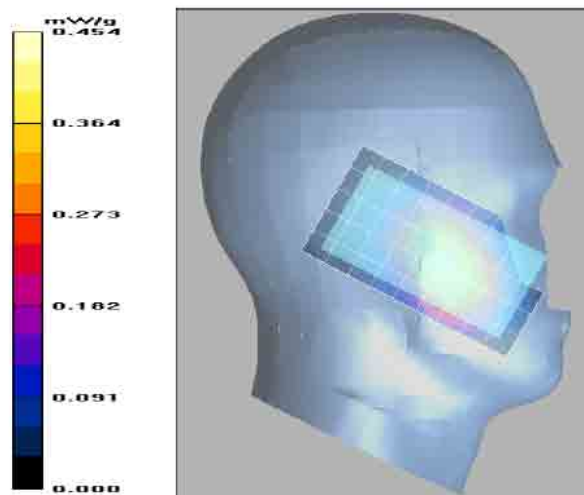
Reference Value = 20.4 V/m; Power Drift = -0.0000243 dB

Motorola Fast SAR: SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (interpolated) = 0.459 mW/g

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

Maximum value of SAR (measured) = 0.452 mW/g



Section 18.0
896-902MHz Band Assessment of the touch and tilt positions
(Section 13.4 Table 31)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/8/2010 7:38:08 PM

Robot# / Run#: DASY4-FL-1 / CM-Rear-100108-13
 Phantom# / Tissue Temp.: SAMTP1022 / 19.5 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 898.99375 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .658 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.598 mW/g (1g); 0.440 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 899$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Right Ear-Touch Position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 0.618 mW/g

Right Ear-Touch Position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

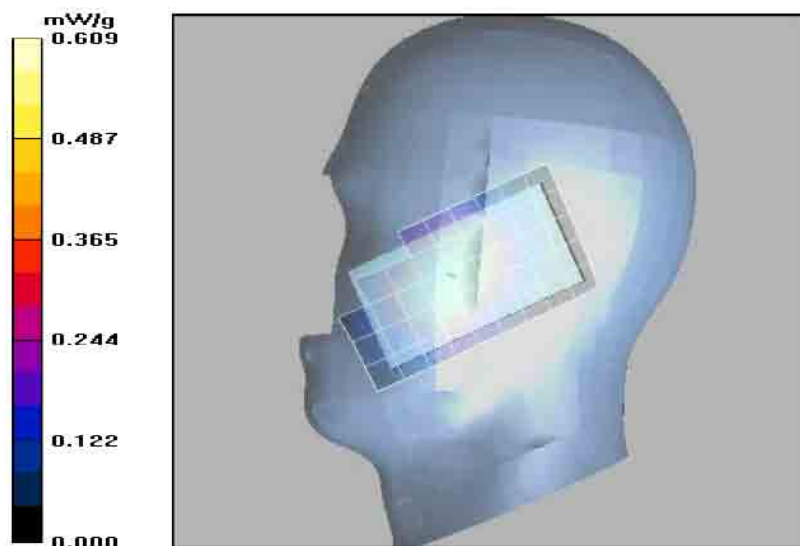
Reference Value = 24.3 V/m; Power Drift = 0.130 dB

Motorola Fast SAR: SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (interpolated) = 0.624 mW/g

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

Maximum value of SAR (measured) = 0.627 mW/g



Section 19.0

896-902MHz Band Assessment of frequency band edges of the offered antenna (Section 13.4 Table 32)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/8/2010 8:44:25 PM

Robot# / Run#: DASY4-FL-1 / CM-Rear-100108-15
 Phantom# / Tissue Temp.: SAMTP1022 / 19.4 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 896.01875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .667 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.598 mW/g (1g); 0.440 mW/g (10g)

Comments: Touch

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:3, Medium parameters used: $f = 899$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Right Ear-Touch Position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.0 V/m; Power Drift = 0.0553 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 0.607 mW/g

Right Ear-Touch Position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

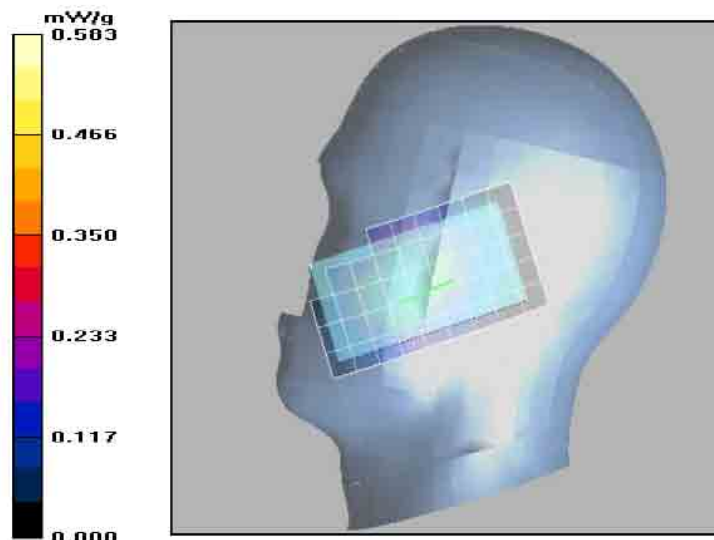
Reference Value = 24.0 V/m; Power Drift = 0.084 dB

Motorola Fast SAR: SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (interpolated) = 0.608 mW/g

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

Maximum value of SAR (measured) = 0.583 mW/g



Section 20.0

**896-902MHz Band Assessment of frequency band of the offered antenna
(Section 13.4 Table 33)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/11/2010 7:13:19 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100111-06
 Phantom# / Tissue Temp.: SAMTP1022 / 20.9 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 896.01875 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .659 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.190 mW/g (1g); 0.138 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:6, Medium parameters used: $f = 899$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.00837 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.202 mW/g

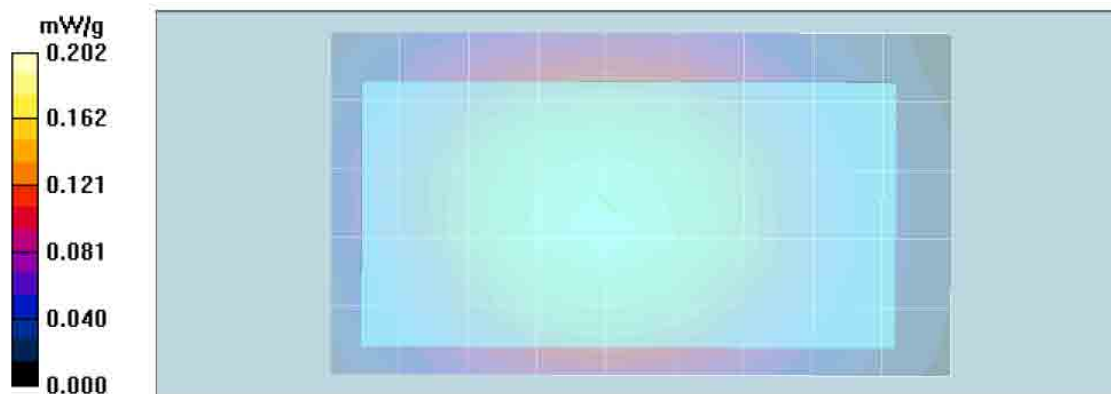
Face Scan/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.8 V/m; Power Drift = 0.116 dB

Motorola Fast SAR: SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (interpolated) = 0.205 mW/g

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



Section 21.0
MOTotalk Assessment of the offered body worn accessory
(Section 13.6 Table 34)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/12/2010 8:49:19 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100112-16
 Phantom# / Tissue Temp.: OVAL1019 / 19.0 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 915.525 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / NNTN5330B
 Start Power: .907 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .533 mW/g (1g); .380 mW/g (10g)

Comments: Camera toward phantom.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.05, Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 1.1 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

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

Reference Value = 21.4 V/m; Power Drift = 0.576 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.567 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

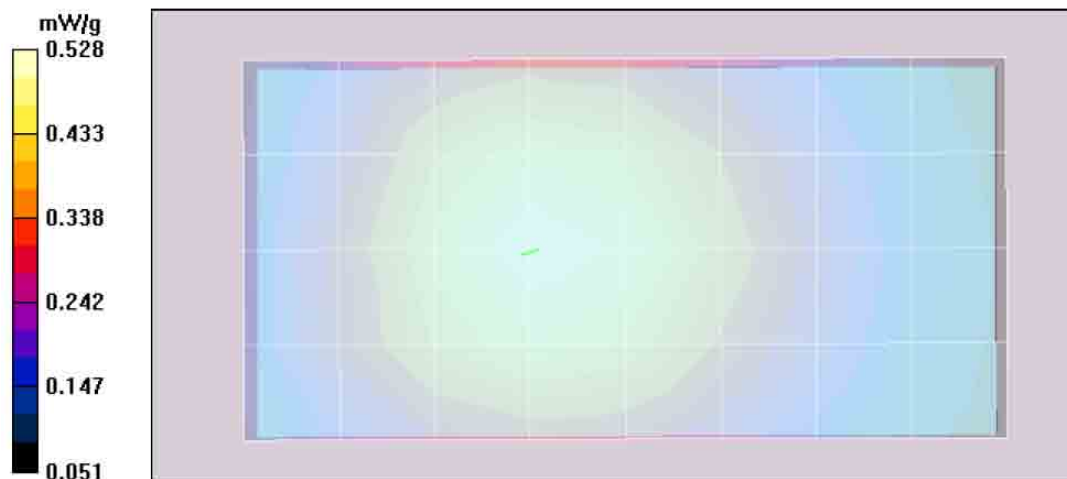
Reference Value = 21.4 V/m; Power Drift = 0.310 dB

Motorola Fast SAR: SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (interpolated) = 0.530 mW/g

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

Maximum value of SAR (measured) = 0.581 mW/g



Section 22.0
MOTotalk Assessment of the offered audio accessory
(Section 13.6 Table 35)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/12/2010 9:15:07 PM

Robot# / Run#: DASY4-FL-1 / CM-Ab-100112-17
 Phantom# / Tissue Temp.: OVAL1019 / 19.1 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 915.525 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/SYN9853A) / NNTN5774C
 Start Power: .905 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .575 mW/g (1g); .410 mW/g (10g)

Comments: Camera toward phantom.

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.05, Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 1.1 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

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

Reference Value = 22.5 V/m; Power Drift = 0.450 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.608 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

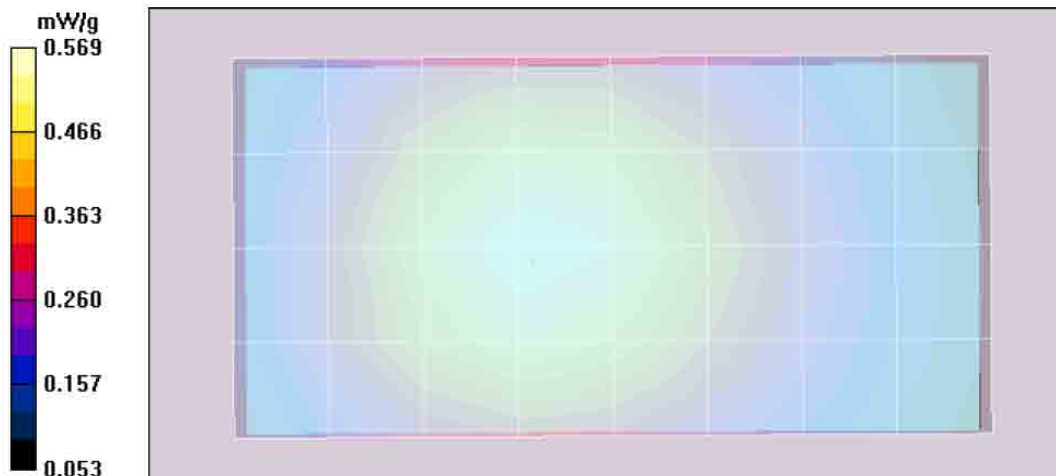
Reference Value = 22.5 V/m; Power Drift = 0.271 dB

Motorola Fast SAR: SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (interpolated) = 0.571 mW/g

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

Maximum value of SAR (measured) = 0.614 mW/g



Section 23.0

**MOTotalk Assessment of frequency band edges of the offered antenna
(Section 13.6 Table 36)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/14/2010 11:44:55 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100114-06
 Phantom# / Tissue Temp.: OVAL1019 / 19.1 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 902.5250 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/ SYN9853A) / NNTN5774C
 Start Power: .913 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .562 mW/g (1g); .405 mW/g (10g)

Comments: Shorten scan. LED's off. Camera toward phantom.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.05, Medium parameters used: $f = 915$ MHz; $\sigma = 1.11$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

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

Reference Value = 21.0 V/m; Power Drift = 0.365 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.592 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

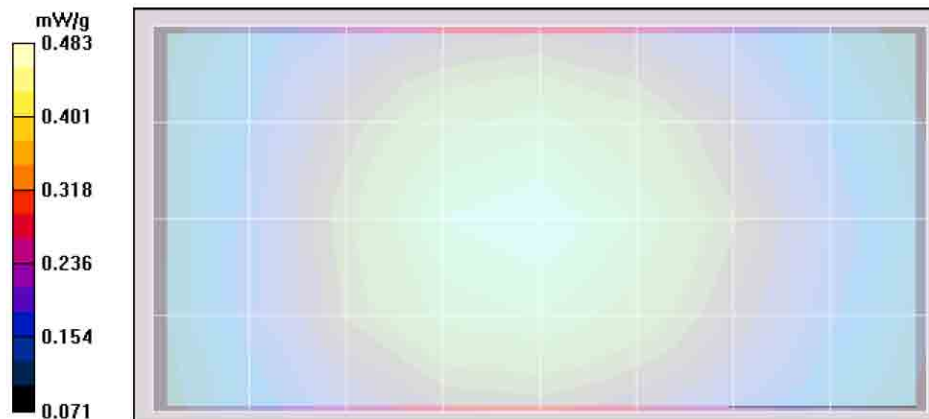
Reference Value = 19.3 V/m; Power Drift = 0.323 dB

Motorola Fast SAR: SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (interpolated) = 0.484 mW/g

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

Maximum value of SAR (measured) = 0.612 mW/g



Section 24.0
MOTotalk Assessment without body worn accessory at 2.5cm
(Section 13.6 Table 37)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 1/14/2010 1:41:18 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100114-08
 Phantom# / Tissue Temp.: OVAL1019 / 19.0 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 915.5250 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / NNTN5774C
 Start Power: .912 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .664 mW/g (1g); .478 mW/g (10g)

Comments: Shorten scan. LED's off. Back of DUT at 2.5cm.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.05, Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 1.11 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

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

Reference Value = 22.8 V/m; Power Drift = 0.421 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.478 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) = 0.698 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

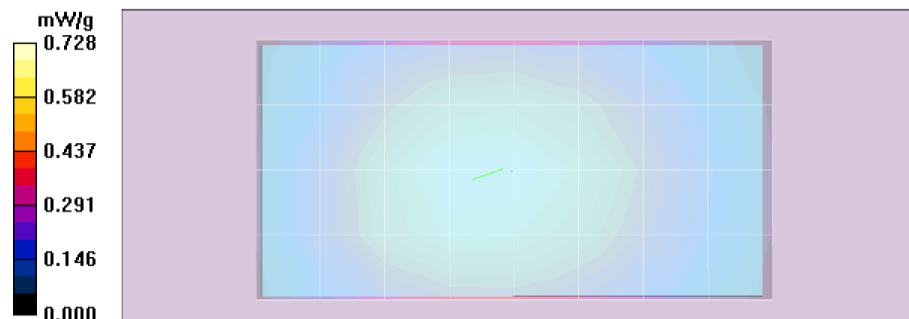
Reference Value = 19.3 V/m; Power Drift = 0.399 dB

Motorola Fast SAR: SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (interpolated) = 0.448 mW/g

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

Maximum value of SAR (measured) = 0.728 mW/g



Section 25.0

**MOTotalk Assessment of the offered audio accessories at 2.5cm
(Section 13.6 Table 38)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/14/2010 3:21:49 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100114-10
 Phantom# / Tissue Temp.: OVAL1019 / 19.0 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 915.5250 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / SYN1472A
 Start Power: .916 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .859 mW/g (1g); .619 mW/g (10g)

Comments: Shorten scan. LED's off. Back of DUT at 2.5cm.
 Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(5.48, 5.48, 5.48)
 Electronics: DAE4 Sn850, Calibrated: 2/10/2009
 Duty Cycle: 1:1.05, Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 1.11 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

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

Reference Value = 26.9 V/m; Power Drift = 0.318 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.619 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) = 0.907 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

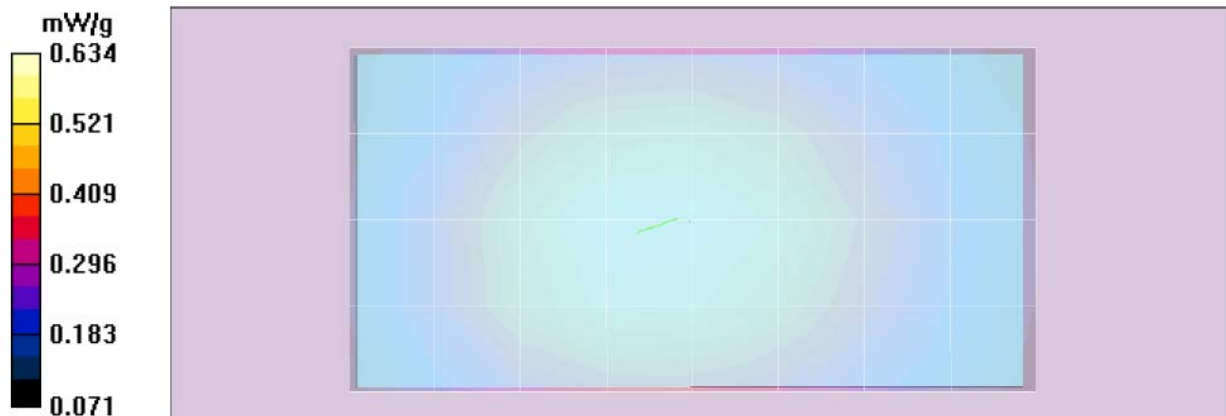
Reference Value = 23.1 V/m; Power Drift = 0.263 dB

Motorola Fast SAR: SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.435 mW/g

Maximum value of SAR (interpolated) = 0.647 mW/g

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

Maximum value of SAR (measured) = 0.930 mW/g



Section 26.0

**MOTOtalk Assessment of frequency band edges of the offered antenna
(Section 13.6 Table 39)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 1/11/2010 10:06:12 PM

Robot# / Run#: DASY4-FL-1 / CM-Face-100111-10
 Phantom# / Tissue Temp.: SAMTP1022 / 20.8 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLJBH
 Antenna / TX Freq.: 85009268001 (Internal) / 902.525 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .882 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 1.03 mW/g (1g); 0.746 mW/g (10g)

Comments:

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

Electronics: DAE4 Sn850, Calibrated: 2/10/2009

Duty Cycle: 1:1.05, Medium parameters used: $f = 915$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.6 V/m; Power Drift = 0.247 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.746 mW/g

Maximum value of SAR (measured) = 1.10 mW/g

Face Scan/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

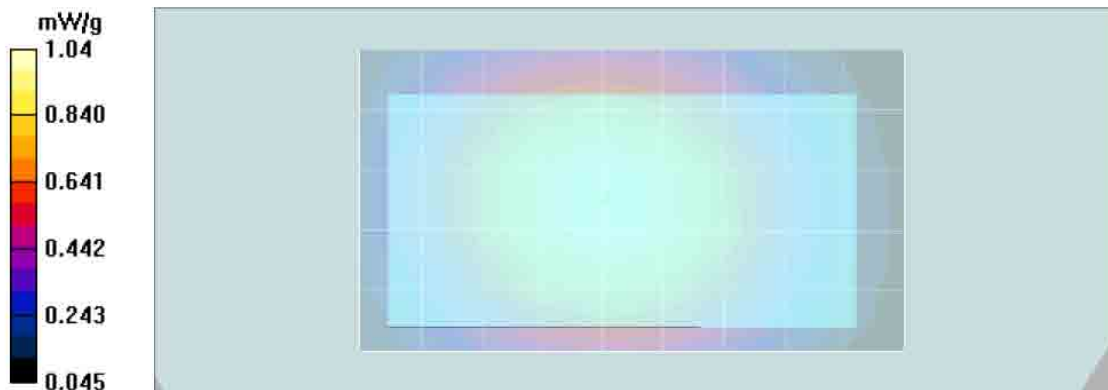
Reference Value = 31.6 V/m; Power Drift = 0.130 dB

Motorola Fast SAR: SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.720 mW/g

Maximum value of SAR (interpolated) = 1.07 mW/g

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

Maximum value of SAR (measured) = 1.12 mW/g



Section 27.0
WLAN Assessment of the offered body worn accessory
(Section 13.8 Table 40)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 2/20/2010 7:12:01 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100220-04
 Phantom# / Tissue Temp.: Dual1002 Side A / 20.1 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2437 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/ SYN9853A) / None
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .0199 mW/g (1g); .0118 mW/g (10g)

Comments: Camera toward phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

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

Reference Value = 3.19 V/m; Power Drift = -0.393 dB

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.0199 mW/g; SAR(10 g) = 0.0118 mW/g

Maximum value of SAR (measured) = 0.022 mW/g

Ab Scan/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

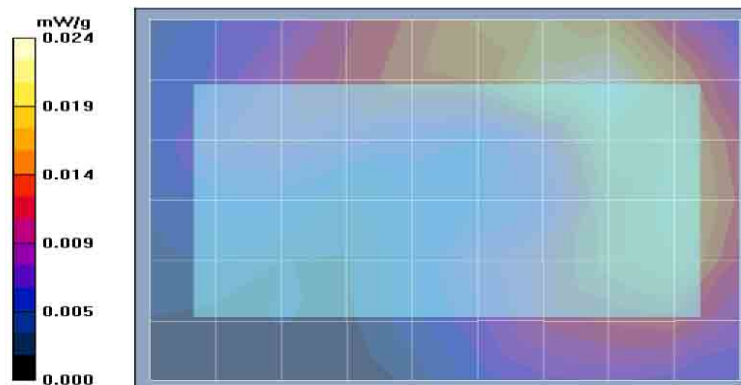
Reference Value = 3.19 V/m; Power Drift = -0.340 dB

Motorola Fast SAR: SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (interpolated) = 0.024 mW/g

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

Maximum value of SAR (measured) = 0.021 mW/g



Section 28.0
WLAN Assessment of offered audio accessory
(Section 13.8 Table 41)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 2/22/2010 11:13:37 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100222-02
 Phantom# / Tissue Temp.: Dual1002 Side A / 20.7 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2437 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/ SYN9853A) / NNTN5330B
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .0252 mW/g (1g); .0150 mW/g (10g)

Comments: Camera toward phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Reference Value = 3.50 V/m; Power Drift = -0.557 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.0252 mW/g; SAR(10 g) = 0.0150 mW/g

Maximum value of SAR (measured) = 0.027 mW/g

Ab Scan/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.50 V/m; Power Drift = -0.691 dB

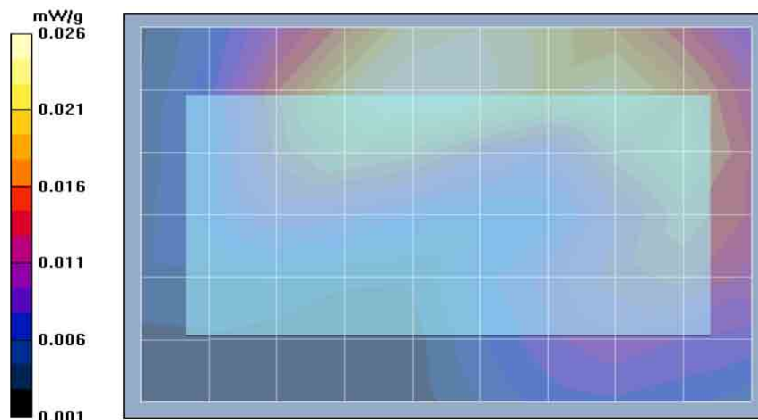
Motorola Fast SAR: SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.014 mW/g

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

Maximum value of SAR (interpolated) = 0.028 mW/g

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

Maximum value of SAR (measured) = 0.027 mW/g



Section 29.0
WLAN Assessment of frequency band edges of the offered antenna
(Section 13.8 Table 42)

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/22/2010 12:48:34 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100222-05
 Phantom# / Tissue Temp.: Dual1002 Side A / 20.6 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2412 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: NTN2578A (NNTN7924A w/ SYN9853A) / NNTN5330B
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .0453 mW/g (1g); .0269 mW/g (10g)

Comments: Camera toward phantom.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Reference Value = 4.65 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.0453 mW/g; SAR(10 g) = 0.0269 mW/g

Maximum value of SAR (measured) = 0.049 mW/g

Ab Scan/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

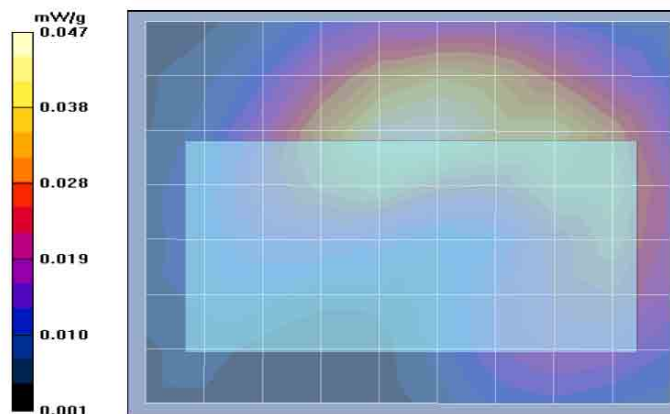
Reference Value = 4.65 V/m; Power Drift = -0.0701 dB

Motorola Fast SAR: SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (interpolated) = 0.048 mW/g

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

Maximum value of SAR (measured) = 0.049 mW/g



Section 30.0
WLAN Assessment of without body worn accessory at 2.5cm
(Section 13.8 Table 43)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 2/23/2010 10:33:11 AM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100223-02
 Phantom# / Tissue Temp.: Dual1002 Side A / 20.0 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2412 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / NNTN5330B
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .0485 mW/g (1g); .0286 mW/g (10g)

Comments: Back of DUT at 2.5cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Reference Value = 4.95 V/m; Power Drift = -0.0939 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.0485 mW/g; SAR(10 g) = 0.0286 mW/g

Maximum value of SAR (measured) = 0.052 mW/g

Ab Scan/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

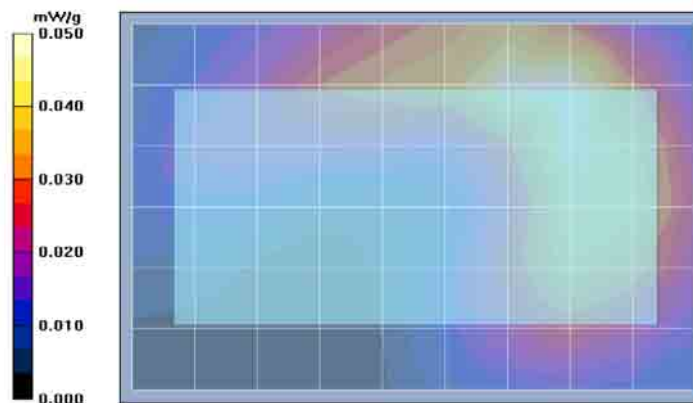
Reference Value = 4.95 V/m; Power Drift = -0.184 dB

Motorola Fast SAR: SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (interpolated) = 0.052 mW/g

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

Maximum value of SAR (measured) = 0.052 mW/g



Section 31.0
WLAN Assessment of the offered data cable accessory at 2.5cm
(Section 13.8 Table 44)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 2/22/2010 2:11:06 PM

Robot# / Run#: DASY4-FL-1 / HvH-Ab-100222-08
 Phantom# / Tissue Temp.: Dual1002 Side A / 20.6 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2412 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / SYN1472A
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: .0674 mW/g (1g); .0407 mW/g (10g)

Comments: Back of DUT at 2.5cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.02, 4.02, 4.02)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Reference Value = 5.24 V/m; Power Drift = -0.694 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.0674 mW/g; SAR(10 g) = 0.0407 mW/g

Maximum value of SAR (measured) = 0.072 mW/g

Ab Scan/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

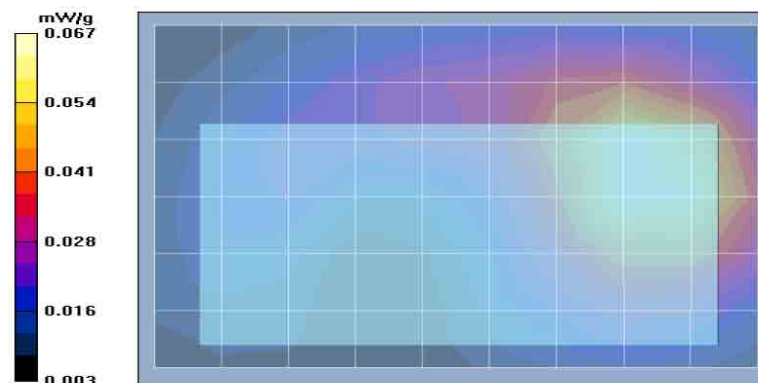
Reference Value = 5.24 V/m; Power Drift = -0.581 dB

Motorola Fast SAR: SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (interpolated) = 0.073 mW/g

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

Maximum value of SAR (measured) = 0.073 mW/g



Section 32.0
WLAN Assessment of the touch and tilt positions
(Section 13.8 Table 45)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 2/18/2010 1:24:25 PM

Robot# / Run#: DASY4-FL-1 / HvH-Lear-100218-07
 Phantom# / Tissue Temp.: SAMTP1208 / 20.7 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2437 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.303 mW/g (1g); 0.148 mW/g (10g)

Comments: Touch

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.22, 4.22, 4.22)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³

Left Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.399 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.324 mW/g

Left Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

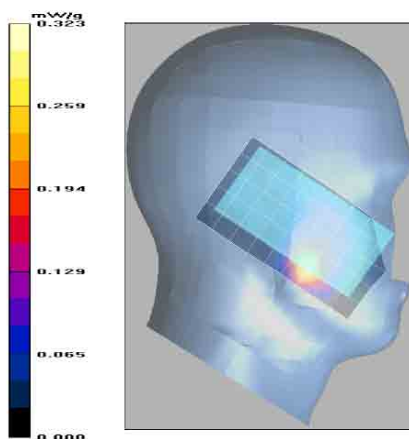
Reference Value = 14.0 V/m; Power Drift = -0.141 dB

Motorola Fast SAR: SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (interpolated) = 0.331 mW/g

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

Maximum value of SAR (measured) = 0.330 mW/g



Section 33.0

**WLAN Assessment of the frequency band edges of the offered antenna
(Section 13.8 Table 46)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/18/2010 3:48:38 PM

Robot# / Run#: DASY4-FL-1 / HvH-Lear-100218-10
 Phantom# / Tissue Temp.: SAMTP1208 / 20.0 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2412 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.471 mW/g (1g); 0.228 mW/g (10g)

Comments: Touch

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.22, 4.22, 4.22)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³

Left Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = -0.242 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.490 mW/g

Left Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

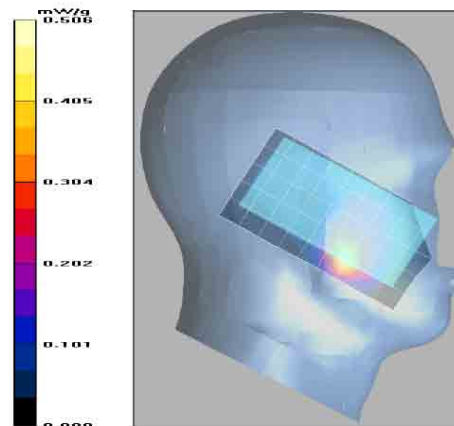
Reference Value = 17.4 V/m; Power Drift = -0.364 dB

Motorola Fast SAR: SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (interpolated) = 0.525 mW/g

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

Maximum value of SAR (measured) = 0.537 mW/g



Section 34.0
WLAN Assessment of the touch and tilt positions
(Section 13.8 Table 47)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 2/18/2010 4:49:51 PM

Robot# / Run#: DASY4-FL-1 / HvH-Rear-100218-11
 Phantom# / Tissue Temp.: SAMTP1208 / 19.9 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
 Antenna / TX Freq.: 85009269001 (Internal) / 2437 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.154 mW/g (1g); 0.0847 mW/g (10g)

Comments: Touch

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.22, 4.22, 4.22)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³

Right Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.96 V/m; Power Drift = -0.296 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.0847 mW/g

Maximum value of SAR (measured) = 0.175 mW/g

Right Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

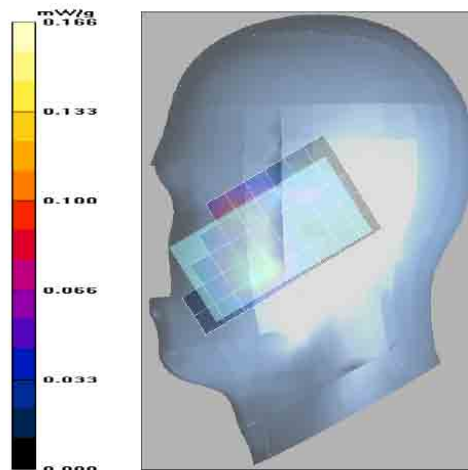
Reference Value = 9.96 V/m; Power Drift = -0.155 dB

Motorola Fast SAR: SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (interpolated) = 0.194 mW/g

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

Maximum value of SAR (measured) = 0.174 mW/g



Section 35.0

**WLAN Assessment of the frequency band edges of the offered antenna
(Section 13.8 Table 48)**

Motorola Enterprise Mobility Solutions EME Laboratory

Date/Time: 2/19/2010 10:28:54 AM

Robot# / Run#: DASY4-FL-1 / HvH-Rear-100219-03
 Phantom# / Tissue Temp.: SAMTP1208 / 20.7 (C)
 DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLNKD
 Antenna / TX Freq.: 85009269001 (Internal) / 2412 (MHz)
 Battery: SNN5843A w/ NTN2559xxxA
 Carry Acc. / Cable Acc.: None / None
 Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.246 mW/g (1g); 0.136 mW/g (10g)

Comments: Touch

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.22, 4.22, 4.22)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 37.3$; $\rho = 1000$ kg/m³

Right Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = -0.622 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.278 mW/g

Right Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

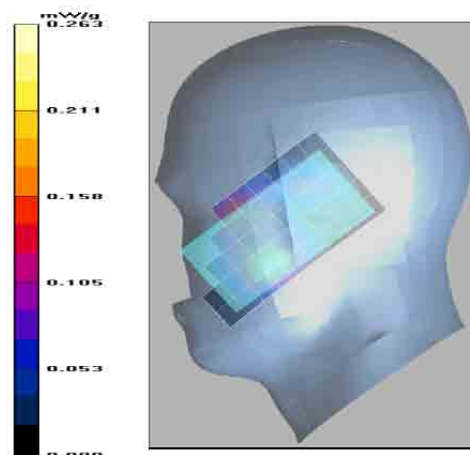
Reference Value = 13.0 V/m; Power Drift = -0.623 dB

Motorola Fast SAR: SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (interpolated) = 0.297 mW/g

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

Maximum value of SAR (measured) = 0.282 mW/g



Section 36.0
WLAN Assessment of the frequency band of the offered antenna
(Section 13.8 Table 49)
Motorola Enterprise Mobility Solutions EME Laboratory
Date/Time: 2/19/2010 2:55:23 PM

Robot# / Run#: DASY4-FL-1 / HvH-Face-100219-05
Phantom# / Tissue Temp.: SAMTP1208 / 20.6 (C)
DUT Model# / Serial#: H76XAN9JR9AN / 364VKYLKND
Antenna / TX Freq.: 85009269001 (Internal) / 2412 (MHz)
Battery: SNN5843A w/ NTN2559xxxA
Carry Acc. / Cable Acc.: None / None
Start Power: .0724 (W)

Note: The measured SAR results, when applicable, are scaled according to FCC KDB450824. These scaled SAR results are shown below as Calculated.

Calculated: 0.0294 mW/g (1g); 0.0175 mW/g (10g)

Comments: Front of DUT at 2.5cm.

Probe: ES3DV3 - SN3185, Calibrated: 11/23/2009, ConvF(4.22, 4.22, 4.22)

Electronics: DAE3 Sn374, Calibrated: 1/15/2010

Duty Cycle: 1:1, Medium parameters used: $f = 2438$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 37.3$; $\rho = 1000$ kg/m³

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

Reference Value = 4.40 V/m; Power Drift = -0.674 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.0294 mW/g; SAR(10 g) = 0.0175 mW/g

Maximum value of SAR (measured) = 0.031 mW/g

Face Scan/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

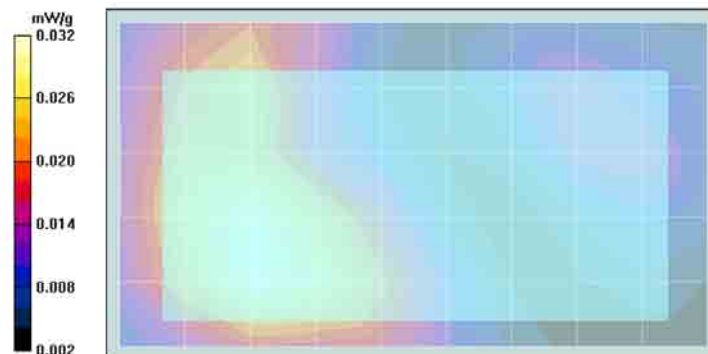
Reference Value = 4.40 V/m; Power Drift = -0.758 dB

Motorola Fast SAR: SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (interpolated) = 0.034 mW/g

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

Maximum value of SAR (measured) = 0.032 mW/g



APPENDIX G
DUT Supplementary Data (Power slump)

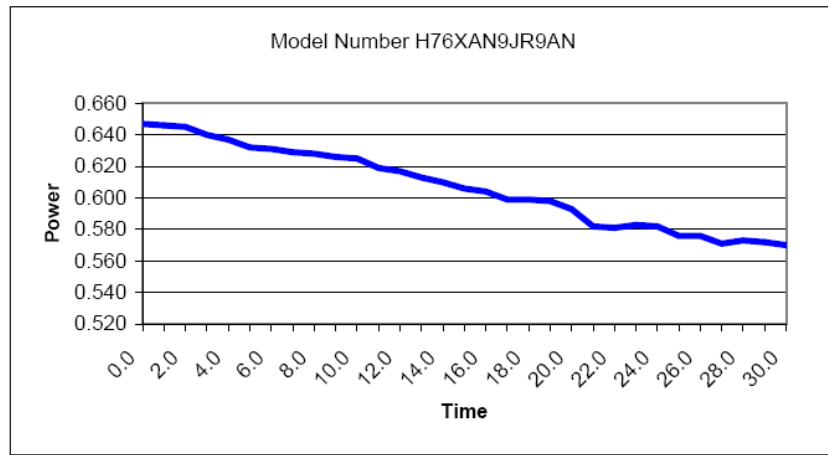
Model # H76XAN9JR9AN
Serial # 364VKYLJBH

Battery # SNN5843A
Frequency 815.5125MHz
Date 2/3/2010

Transmit Mode Data 66.7%
Data/Audio Accessory None

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

0.0	0.647
1.0	0.646
2.0	0.645
3.0	0.640
4.0	0.637
5.0	0.632
6.0	0.631
7.0	0.629
8.0	0.628
9.0	0.626
10.0	0.625
11.0	0.619
12.0	0.617
13.0	0.613
14.0	0.610
15.0	0.606
16.0	0.604
17.0	0.599
18.0	0.599
19.0	0.598
20.0	0.593
21.0	0.582
22.0	0.581
23.0	0.583
24.0	0.582
25.0	0.576
26.0	0.576
27.0	0.571
28.0	0.573
29.0	0.572
30.0	0.570



Appendix H

DUT Test Position Photos

Photos available in Exhibit 7B

Appendix I
DUT and Body worn Accessory Photos

Photos available in Exhibit 7B