



MOTOROLA



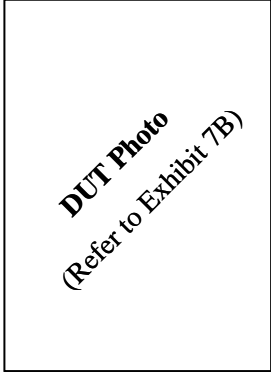
TESTING CERT # 2518.01

**FCC ID: IHDP56HS1
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 2**

Government & Public Safety
EME Test Laboratory
 8000 West Sunrise Blvd
 Fort Lauderdale, FL. 33322

Date of Report: 7/3/2008
Report Revision: 0
Report ID: i776_Rev O_080703_SR6462

Responsible Engineer: Kim Ung (Principle Staff EME Eng.)
Date/s Tested: 6/18/08 -6/27/08
Manufacturer/Location: Motorola, China
Sector/Group/Div.: iDEN Subscriber
Date submitted for test: 6/11/08
DUT Description: TDMA: 236:310 WiDEN (76.1%), 81:120, 2:6, 1:12, and 1:6; 64QAM, 16QAM, and QPSK Modulations; 0.6W Pulse Avg; MOTOTalk: 114:120 8FSK; 0.85W nominal (GPS and Bluetooth Capable).
Test TX mode(s): iDEN: 1:6, 1:3; WiDEN: 236:310; MOTOTalk: 114:120
Max. Power output: 0.640W Pulsed Average (iDEN/WiDEN); 0.891W (MOTOTalk); 2.5mW (BlueTooth)
Nominal Power: 0.6W Pulse Average Conducted Power (iDEN/WiDEN); 0.85W (MOTOTalk); 1mW (BlueTooth)
Tx Frequency Bands: 806-825, 896-902 MHz (iDEN/WiDEN); 902-928 MHz (MOTOTalk); 2.402-2.480 GHz (Bluetooth)
Signaling type: iDEN: 1:6, 1:3, 81:120; WiDEN: 236:310; MOTOTalk: 114:120; BT:FHSS
Model(s) Tested: H02XAH6JR6AN/ NWF1341A
Model(s) Certified: H02XAH6JR6AN/ NWF1341A
Serial Number(s): 364VJJC16H, 364VJJC0WT
Classification: General Population/Uncontrolled
Rule Part(s): 15 & 90



Approved Accessories:

Antenna(s):
 8575468M01 (Retractable antenna 806-928MHz, 1/4 wave, -0.68dBd to -0.48dBd)
 8575466M01 (IFA 2400-2480MHz, 1/4 wave, 1.56dBd to 2.06dBd)

Battery(ies):
 SNN5819A (High Performance Li-Ion Battery), NTN2484XXXX (BT60 Battery Door)

Body worn accessory(ies):
 NNTN7495A (Swivel Carry Holster)

Audio/Data cable accessory(ies):
 SKN6238A (Micro USB Data Cable), NNTN5330B (PTT Headset), NNTN5211B (2-Wire Surveillance Headset), NNTN6312A (3-Wire Surveillance Headset).

Max. Calc. : 1-g Avg. SAR: 1.35 W/kg (Body); 10-g Avg. SAR: 0.98 W/kg (Body)
Max. Calc. : 1-g Avg. SAR: 0.59 W/kg (Face); 10-g Avg. SAR: 0.42 W/kg (Face)
Max. Calc. : 1-g Avg. SAR: 1.45 W/kg (Head); 10-g Avg. SAR: 0.97 W/kg (Head)

The test results clearly demonstrate compliance with FCC General Population/Uncontrolled RF Exposure limits of 1.6W/kg 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 300GHz), Health Physics 74, 494-522 RF Exposure limits of 2W/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 2.0 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
Deanna Zakharia G&PS EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 7/3/2008

Certification Date: 7/3/2008

Certification No.: L1080710P

Appendix C
Dipole Calibration Certificates

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



S Schweizerischer Kalibrierdienst
S Service suisse d'étalonnage
C Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Federal Office of Metrology and Accreditation
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_Aug06/2**

CALIBRATION CERTIFICATE (Replacement of No: D900V2-085_Aug06)

Object **D900V2 - SN: 085**

Calibration procedure(s) **QA CAL-05.v6
Calibration procedure for dipole validation kits**

Calibration date: **August 15, 2006**

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 (Calibrated by, Certificate No.)	Scheduled Calibration
Power meter EPM-442A	GB37480704	04-Oct-05 (METAS, No. 251-00516)	Oct-06
Power sensor HP 8481A	US37292783	04-Oct-05 (METAS, No. 251-00516)	Oct-06
Reference 20 dB Attenuator	SN: 5086 (20g)	10-Aug-06 (METAS, No 217-00591)	Aug-07
Reference 10 dB Attenuator	SN: 5047.2 (10r)	10-Aug-06 (METAS, No 217-00591)	Aug-07
Reference Probe ET3DV6 (HF)	SN 1507	28-Oct-05 (SPEAG, No. ET3-1507_Oct05)	Oct-06
DAE4	SN 601	15-Dec-05 (SPEAG, No. DAE4-601_Dec05)	Dec-06
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power sensor HP 8481A	MY41092317	18-Oct-02 (SPEAG, in house check Oct-05)	In house check: Oct-07
RF generator Agilent E4421B	MY41000675	11-May-05 (SPEAG, in house check Nov-05)	In house check: Nov-07
Network Analyzer HP 8753E	US37390585 S4206	18-Oct-01 (SPEAG, in house check Nov-05)	In house check: Nov-06

	Name	Function	Signature
Calibrated by:	Marcel Fehr	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Director	

Issued: October 20, 2006

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

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



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Federal Office of Metrology and Accreditation
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:

- 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
- CENELEC EN 50361, "Basic standard for the measurement of Specific Absorption Rate related to human exposure to electromagnetic fields from mobile phones (300 MHz - 3 GHz), July 2001
- 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 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	DASY4	V4.7
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 ± 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 ± 0.2) °C	42.7 ± 6 %	0.95 mho/m ± 6 %
Head TSL temperature during test	(22.2 ± 0.2) °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.63 mW / g
SAR normalized	normalized to 1W	10.5 mW / g
SAR for nominal Head TSL parameters ¹	normalized to 1W	10.8 mW /g ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.68 mW / g
SAR normalized	normalized to 1W	6.72 mW / g
SAR for nominal Head TSL parameters ¹	normalized to 1W	6.85 mW /g ± 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	47.8 Ω - 8.6 j Ω
Return Loss	- 20.9 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.364 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

DASY4 Validation Report for Head TSL

Date/Time: 15.08.2006 12:22:13

Test Laboratory: SPEAG, Zurich, Switzerland

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

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

Medium: HSL U10 BB;

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.952 \text{ mho/m}$; $\epsilon_r = 42.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507 (HF); ConvF(5.8, 5.8, 5.8); Calibrated: 28.10.2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 15.12.2005
- Phantom: Flat Phantom 4.9L; Type: QD000P49AA; ;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Pin = 250 mW; d = 15 mm/Zoom Scan (7x7x7)/Cube 0:

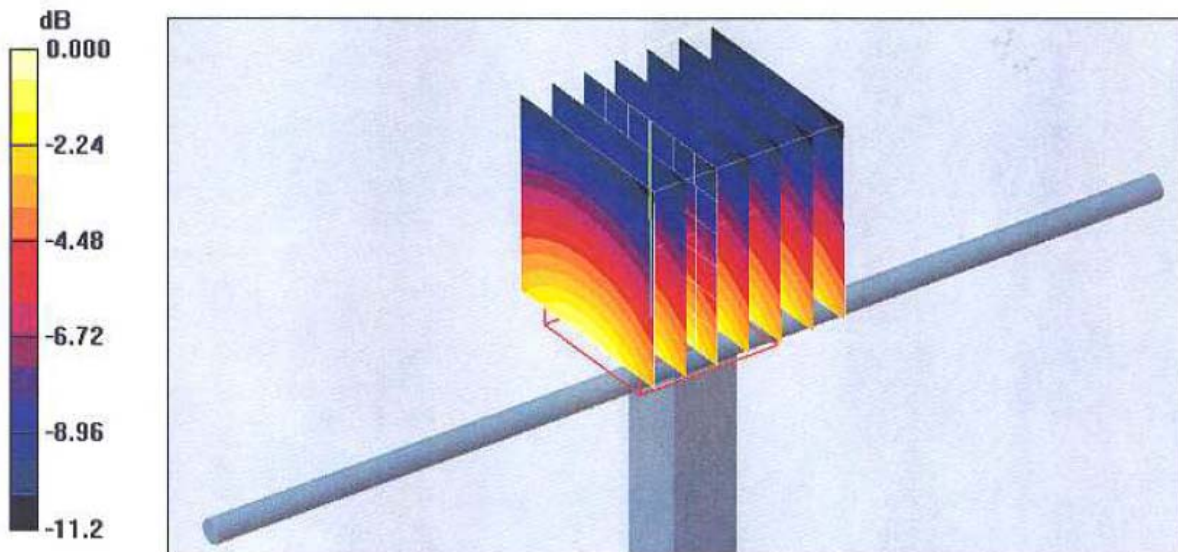
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.7 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 4.01 W/kg

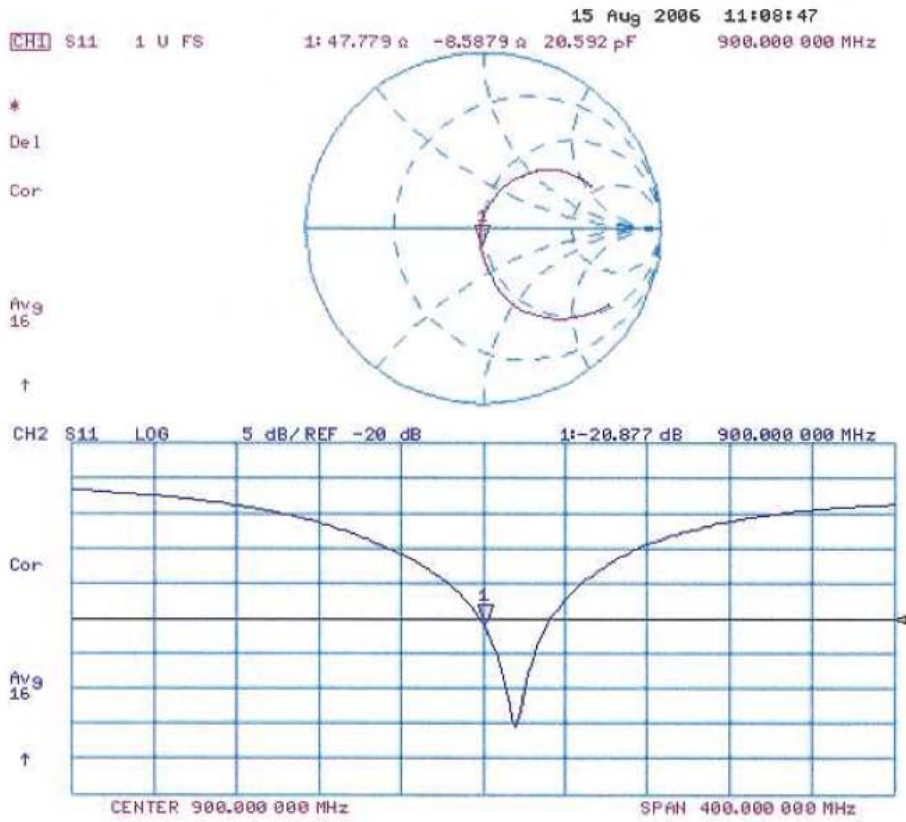
SAR(1 g) = 2.63 mW/g; SAR(10 g) = 1.68 mW/g

Maximum value of SAR (measured) = 2.85 mW/g



0 dB = 2.85mW/g

Impedance Measurement Plot for Head TSL



Appendix D

Test System Verification Scans

Dipole validation scans at the head from SPEAG are provided in APPENDIX C. G&PS' EME lab validates its' dipole(s) to the applicable IEEE system performance targets. A system validation was performed using FCC body tissue parameters to generate the system performance target values for body at the applicable frequency. Dipoles are assessed using multiple probes and measurements were performed using the isotropic assessment procedure mentioned below.

To assess the isotropic characteristics of the measurement probe, two system performance zoom scans (0 and 90 degrees) were measured. The measured results were averaged together in order to obtain the final calculated 1 gram results.

The results obtained from each probe were then averaged together to determine the new measured SAR target.

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Date/Time: 6/18/2008 12:24:05 PM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-900H-080618-02
Phantom# / Tissue Temp.: SAMTP1234 / 20.1 (C)
Dipole Model# / Serial#: D900V2 / 085
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.30 mW/g (1g)
Calculated: 10.94 mW/g (1g)
Percent from Target (+/-): 3.2 % (1g)

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; sigma = 0.97 mho/m; epsilon_r = 40; rho = 1000 kg/m^3

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.9 V/m; Power Drift = -0.00756 dB
Peak SAR (extrapolated) = 4.23 W/kg
SAR(1 g) = 2.73 mW/g; SAR(10 g) = 1.74 mW/g
Maximum value of SAR (measured) = 2.96 mW/g

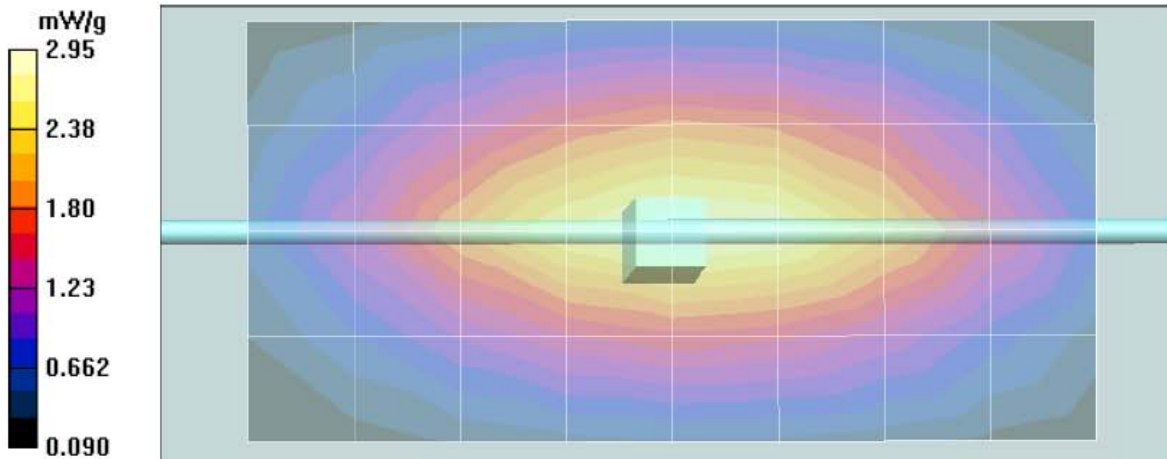
System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.9 V/m; Power Drift = -0.00756 dB
Peak SAR (extrapolated) = 4.22 W/kg
SAR(1 g) = 2.74 mW/g; SAR(10 g) = 1.75 mW/g
Maximum value of SAR (measured) = 2.97 mW/g

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

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

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 6/19/2008 6:52:53 AM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-900H-080619-02
Phantom# / Tissue Temp.: SAMTP1234 / 20.5 (C)
Dipole Model# / Serial#: D900V2 / 085
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.30 mW/g (1g)
Calculated: 10.88 mW/g (1g)
Percent from Target (+/-): 3.7 % (1g)

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; sigma = 0.97 mho/m; epsilon_r = 40.3; rho = 1000 kg/m^3

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.7 V/m; Power Drift = 0.0102 dB
Peak SAR (extrapolated) = 4.19 W/kg
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.74 mW/g
Maximum value of SAR (measured) = 2.94 mW/g

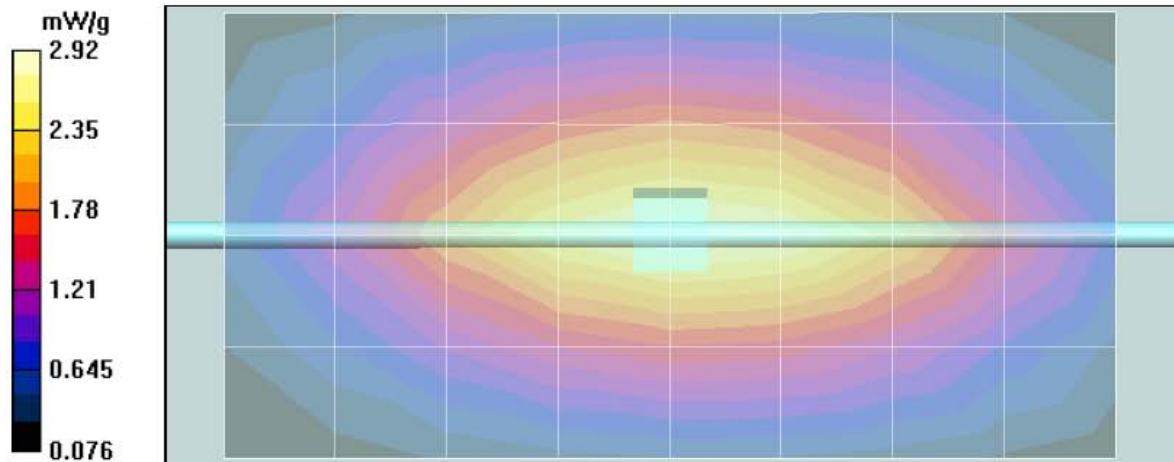
System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.7 V/m; Power Drift = 0.0102 dB
Peak SAR (extrapolated) = 4.19 W/kg
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.74 mW/g
Maximum value of SAR (measured) = 2.95 mW/g

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

Maximum value of SAR (measured) = 2.92 mW/g

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 6/20/2008 8:02:15 AM

Robot# / Run#: DASY4-FL-3 / ErC-SYSP-900H-080620-01
Phantom# / Tissue Temp.: SAMTP1234 / 20.0 (C)
Dipole Model# / Serial#: D900V2 / 085
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.30 mW/g (1g)
Calculated: 11.46 mW/g (1g)
Percent from Target (+/-): 1.4 % (1g)

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; sigma = 0.96 mho/m; epsilon_r = 39.7; rho = 1000 kg/m^3

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.5 V/m; Power Drift = -0.0063 dB
Peak SAR (extrapolated) = 4.42 W/kg
SAR(1 g) = 2.86 mW/g; SAR(10 g) = 1.82 mW/g
Maximum value of SAR (measured) = 3.08 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

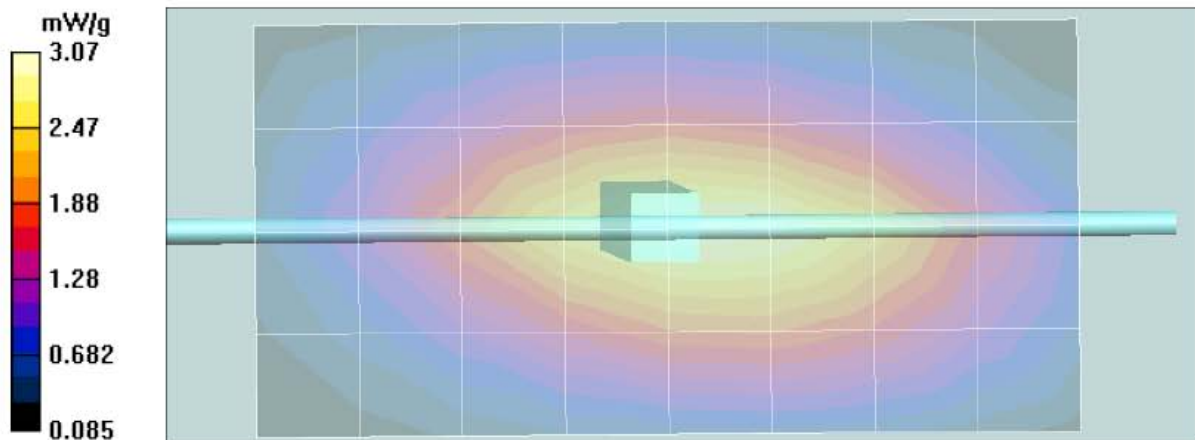
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.5 V/m; Power Drift = -0.0063 dB
Peak SAR (extrapolated) = 4.43 W/kg
SAR(1 g) = 2.87 mW/g; SAR(10 g) = 1.83 mW/g
Maximum value of SAR (measured) = 3.10 mW/g

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

Maximum value of SAR (measured) = 3.07 mW/g

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

dz=10mm
Maximum value of SAR (measured) = 3.13 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 6/23/2008 6:54:39 AM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-900H-080623-02
Phantom# / Tissue Temp.: SAMTP1234 / 20.4 (C)
Dipole Model# / Serial#: D900V2 / 085
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.30 mW/g (1g)
Calculated: 10.74 mW/g (1g)
Percent from Target (+/-): 5.0 % (1g)

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; sigma = 0.96 mho/m; epsilon_r = 39.9; rho = 1000 kg/m^3

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.3 V/m; Power Drift = -0.00999 dB
Peak SAR (extrapolated) = 4.14 W/kg
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.72 mW/g
Maximum value of SAR (measured) = 2.89 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

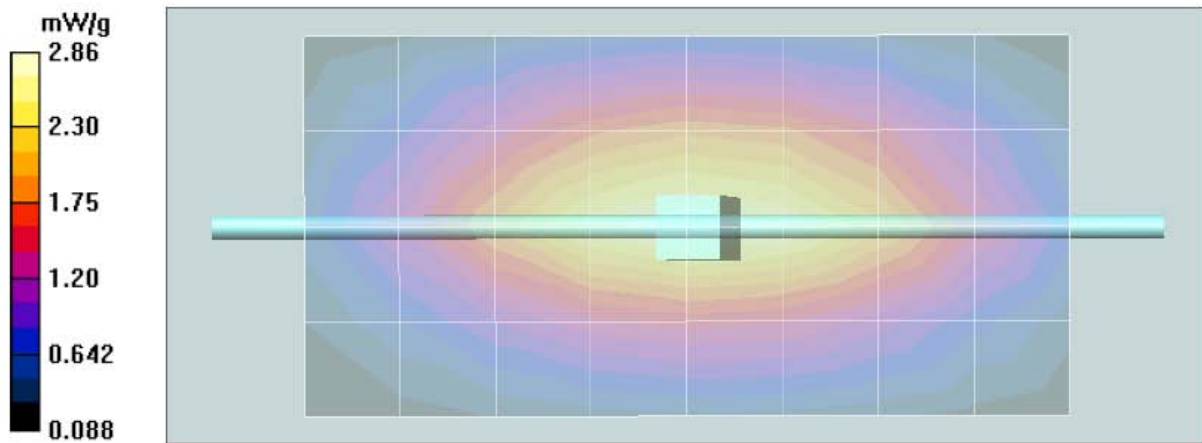
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.3 V/m; Power Drift = -0.00999 dB
Peak SAR (extrapolated) = 4.14 W/kg
SAR(1 g) = 2.69 mW/g; SAR(10 g) = 1.72 mW/g

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

Maximum value of SAR (measured) = 2.86 mW/g

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

Maximum value of SAR (measured) = 2.92 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 6/24/2008 5:46:45 AM

Robot# / Run#: DASY4-FL-3 / ErC-SYSP-900B-080624-01
Phantom# / Tissue Temp.: 80302002D-S15 / 20.9 (C)
Dipole Model# / Serial#: D900V2 / 085
TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.52 mW/g (1g)
Calculated: 12.10 mW/g (1g)
Percent from Target (+/-): 5.0 % (1g)

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.16, 6.16, 6.16)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:1, Medium parameters used: f = 900 MHz; sigma = 1.07 mho/m; epsilon_r = 52.6; rho = 1000 kg/m^3

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.0 V/m; Power Drift = 0.0301 dB
Peak SAR (extrapolated) = 4.66 W/kg
SAR(1 g) = 3.02 mW/g; SAR(10 g) = 1.92 mW/g
Maximum value of SAR (measured) = 3.29 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

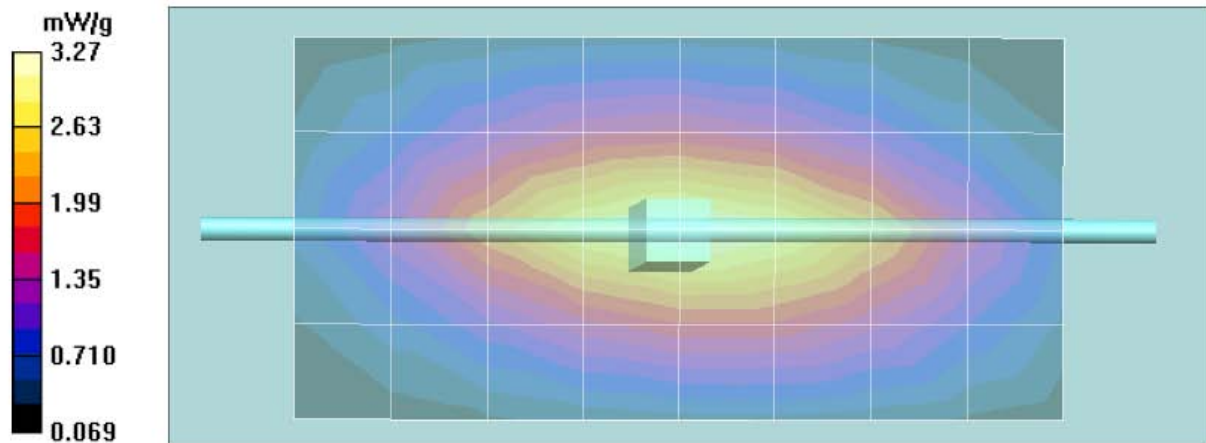
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.0 V/m; Power Drift = 0.0301 dB
Peak SAR (extrapolated) = 4.67 W/kg
SAR(1 g) = 3.03 mW/g; SAR(10 g) = 1.93 mW/g
Maximum value of SAR (measured) = 3.30 mW/g

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

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

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

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 6/27/2008 7:42:24 AM

Robot# / Run#: DASY4-FL-3 / ErC-SYSP-900H-080627-01
 Phantom# / Tissue Temp.: SAMTP1234 / 21.5 (C)
 Dipole Model# / Serial#: D900V2 / 085
 TX Freq. / Start power: 900 (MHz) / 250 (mW)

Target: 11.30 mW/g (1g)
 Calculated: 10.92 mW/g (1g)
 Percent from Target (+/-): 3.4 % (1g)

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
 Electronics: DAE3 Sn374, Calibrated: 1/31/2008
 Duty Cycle: 1:1, Medium parameters used: $f = 900$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ 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 = 56.5 V/m; Power Drift = -0.00873 dB
 Peak SAR (extrapolated) = 4.18 W/kg
 SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.74 mW/g
 Maximum value of SAR (measured) = 2.94 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid:

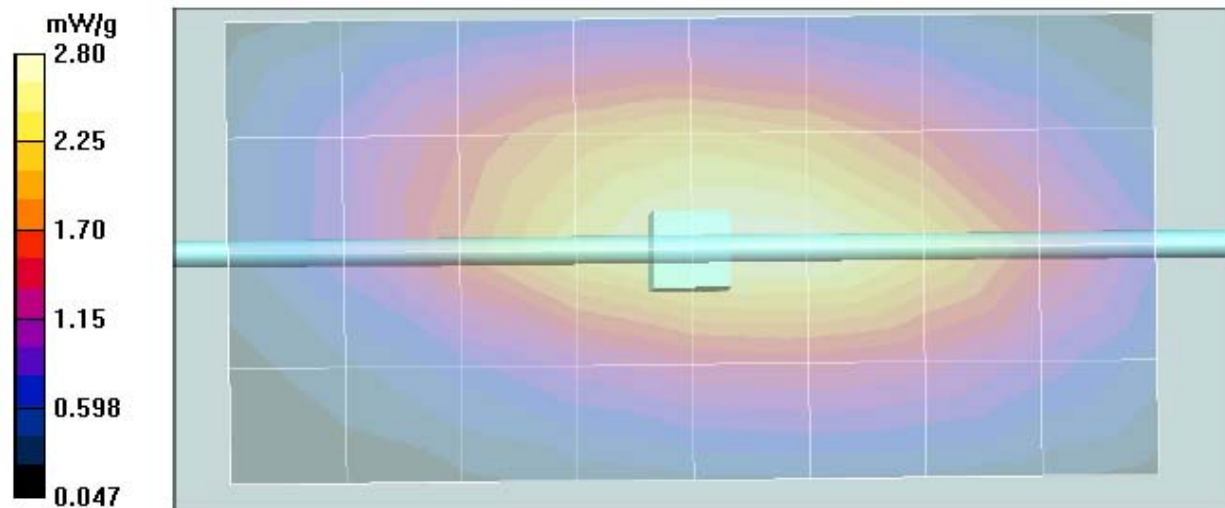
$dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
 Reference Value = 56.5 V/m; Power Drift = -0.00873 dB
 Peak SAR (extrapolated) = 4.21 W/kg
 SAR(1 g) = 2.74 mW/g; SAR(10 g) = 1.76 mW/g
 Maximum value of SAR (measured) = 2.95 mW/g

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

Maximum value of SAR (measured) = 2.80 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) = 2.93 mW/g



DIPOLE SAR TARGET - HEAD

Date: 09/04/07 Frequency (MHz): 900
 Lab Location: NE Mixture Type: IEEE Head
 DAE Serial #: 374 Ambient Temp.(°C): 19.6

Tissue Characteristics
 Permittivity: 40.2 Phantom Type/SN: SAMTP1022
 Conductivity: 0.97 Distance (mm): 15
 Tissue Temp.(°C): 20.2

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

Target SAR Value: 10.8 mW/g (1g avg.), 6.9 mW/g (10g avg.)
 (normalized to 1.0 W)

New Target:

Average Measured SAR Value: 11.30 mW/g (1g avg.), 7.26 mW/g (10g avg.)

Percent Difference From Target (MUST be within k=2 Uncertainty): 4.60% (1g ave)
5.17% (10g ave)

Test performed by: J. Turco Initial: 

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
1547	11.14	-1.39%	7.10	-2.16%	R1
1384	11.40	0.91%	7.29	0.46%	R1
1383	11.35	0.47%	7.38	1.70%	R1
N/A	N/A	#VALUE!	N/A	#VALUE!	N/A
N/A	N/A	#VALUE!	N/A	#VALUE!	N/A
Average	11.2967		7.2567		New Measured SAR Value
(normalized to 1.0 W, including drift)					

DIPOLE SAR TARGET - BODY

Date: 09/04/07 Frequency (MHz): 900
 Lab Location: NE Mixture Type: FCC Body
 DAE Serial #: 374 Ambient Temp.(°C): 21.9

Tissue Characteristics

Permittivity: 53.5 Phantom Type/SN: 80302002D-S15
 Conductivity: 1.05 Distance (mm): 15
 Tissue Temp.(°C): 21.5

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

New Target:

Average Measured SAR Value: 11.52 mW/g(1g avg.), 7.52 mW/g (10g avg.)

Test performed by: Ed Church Initial: E, C

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
1383	11.19	-2.9%	7.52	0.0%	R1
1384	11.74	1.9%	7.56	0.5%	R1
1547	11.63	1.0%	7.48	-0.5%	R1
		-100.0%		-100.0%	
		-100.0%		-100.0%	
Average	11.5200		7.5200	New Measured SAR Value	
(normalized to 1.0 W, including drift)					

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

Shortened Scan Results

Motorola Government & Public Safety EME Laboratory

Date/Time: 6/19/2008 11:45:24 PM

Robot# / Run#: DASY4-FL-3 / MeC-Rear-080619-28
Phantom# / Tissue Temp.: SAMTP1234 / 19.8 (C)
DUT Model# / Serial#: H02XAH6JR6AN / NWF1341A / 364VJJC0WT
Antenna / TX Freq.: 8575468M01 (IN) / 824.9875 (MHz)
Battery: SNN5819A w/ battery cover NTN2484XXXXA
Carry Acc. / Cable Acc.: None / None
Start Power: 0.652 (W)

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

Representative "normal" scan run time was 16 minutes

"Shortened" scan max calculated SAR using SAR drift: 1-g Avg. = 1.35mW/g; 10-g Avg. = 0.89mW/g

"Normal" scan max calculated SAR using SAR drift: 1-g Avg. = 1.45mW/g; 10-g Avg. = 0.97mW/g

(See part 1 of 2 section 9.0 run # MeC-Rear-080619-27)

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)

Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:3, Medium parameters used: $f = 815.5 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$

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

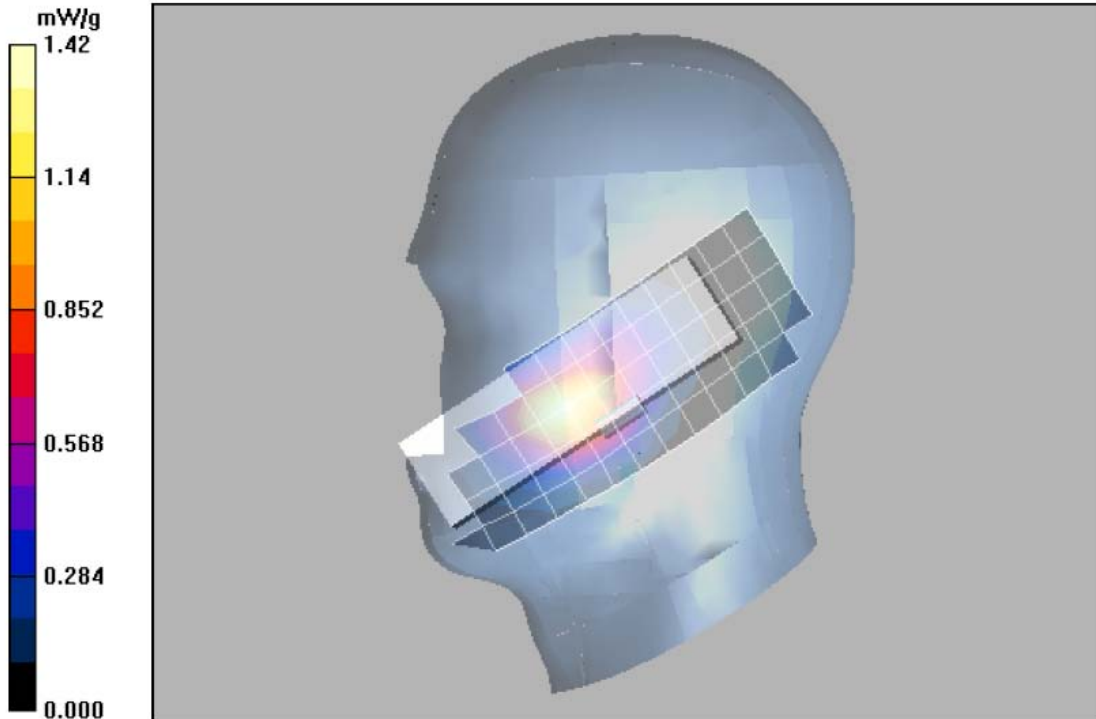
dy=7.5mm, dz=5mm

Reference Value = 40.8 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.868 mW/g

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



Highest SAR Configurations Results
Motorola Government & Public Safety EME Laboratory
Date/Time: 6/19/2008 11:16:10 PM

Robot# / Run#: DASY4-FL-3 / MeC-Rear-080619-27
Phantom# / Tissue Temp.: SAMTP1234 / 20.0 (C)
DUT Model# / Serial#: H02XAH6JR6AN / NWF1341A / 364VJJC0WT
Antenna / TX Freq.: 8575468M01 (IN) / 824.9875 (MHz)
Battery: SNN5819A w/ battery cover NTN2484XXXXA
Carry Acc. / Cable Acc.: None / None
Start Power: 0.654 (W)

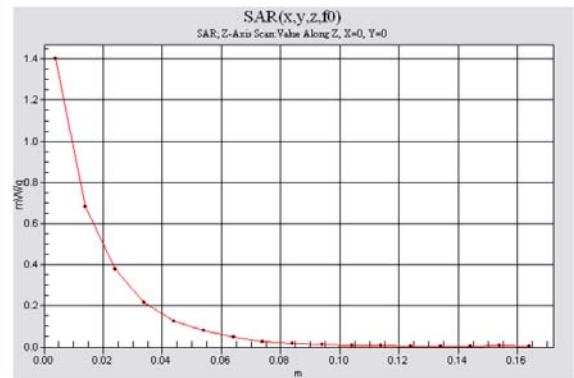
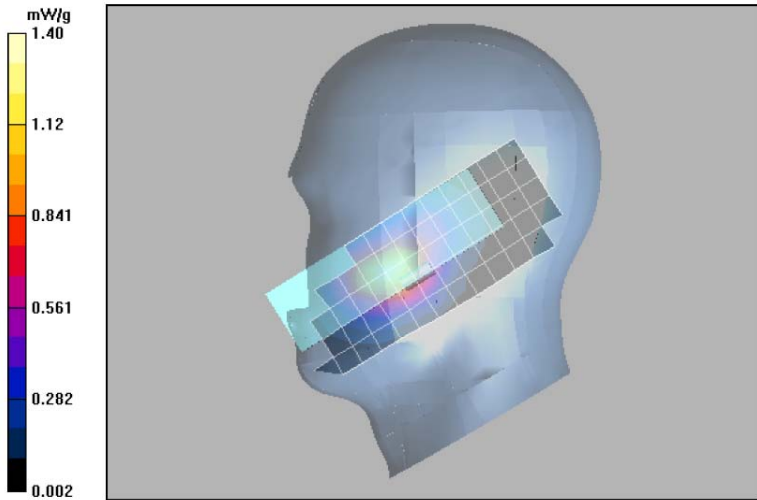
Comments: Touch; FULL SCAN

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008
Duty Cycle: 1:3, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Right Ear-Touch Position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.9 V/m; Power Drift = -0.493 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.865 mW/g
Maximum value of SAR (measured) = 1.36 mW/g

Right Ear-Touch Position/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 36.9 V/m; Power Drift = -0.493 dB
Motorola Fast SAR: SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.855 mW/g
Maximum value of SAR (interpolated) = 1.42 mW/g

Right Ear-Touch Position/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.40 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 6/20/2008 8:46:42 PM

Robot# / Run#: DASY4-FL-3 / MeC-Rear-080620-18
Phantom# / Tissue Temp.: SAMTP1234 / 19.1 (C)
DUT Model# / Serial#: H02XAH6JR6AN / NWF1341A / 364VJJC16H
Antenna / TX Freq.: 8575468M01 (IN) / 824.9875 (MHz)
Battery: SNN5819A w/ battery cover NTN2484XXXXA
Carry Acc. / Cable Acc.: None / None
Start Power: 0.654 (W)

Comments: Touch; FULL SCAN

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)

Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:3, Medium parameters used: f = 815.5 MHz; sigma = 0.88 mho/m; epsilon_p = 40.7; rho = 1000 kg/m^3

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

Reference Value = 37.1 V/m; Power Drift = -0.0497 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.899 mW/g

Maximum value of SAR (measured) = 1.48 mW/g

Right Ear-Touch Position/Area Scan (51x11x1): Measurement grid: dx=15mm, dy=15mm

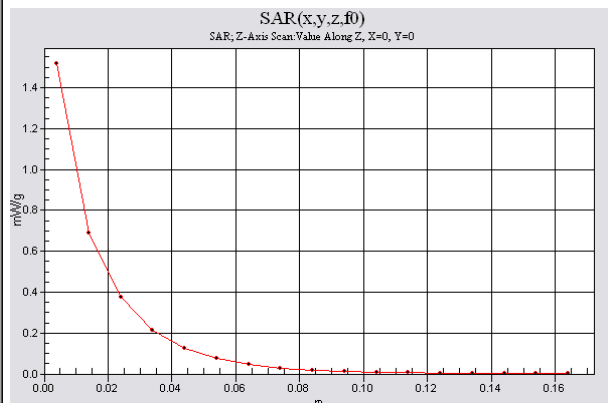
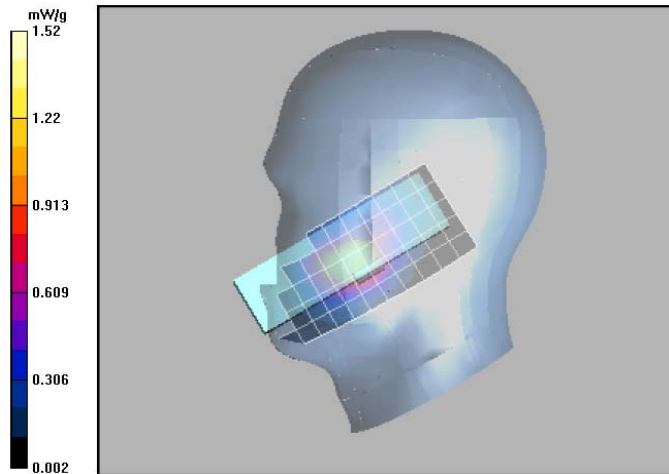
Reference Value = 37.1 V/m; Power Drift = -0.0497 dB

Motorola Fast SAR: SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.897 mW/g

Maximum value of SAR (interpolated) = 1.51 mW/g

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

Maximum value of SAR (measured) = 1.52 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 6/20/2008 9:53:00 PM

Robot# / Run#: DASY4-FL-3 / MeC-Rear-080620-19
Phantom# / Tissue Temp.: SAMTP1234 / 19.2 (C)
DUT Model# / Serial#: H02XAH6JR6AN / NWF1341A / 364VJJC16H
Antenna / TX Freq.: 8575468M01 (IN) / 896.01875 (MHz)
Battery: SNN5819A w/ battery cover NTN2484XXXXA
Carry Acc. / Cable Acc.: None / None
Start Power: 0.668 (W)

Comments: Touch; FULL SCAN

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:3, Medium parameters used: $f = 899$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

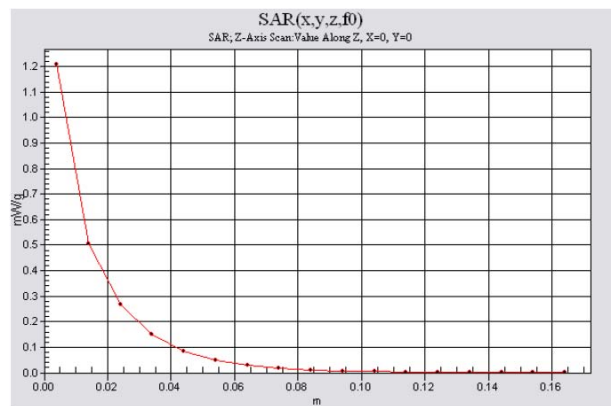
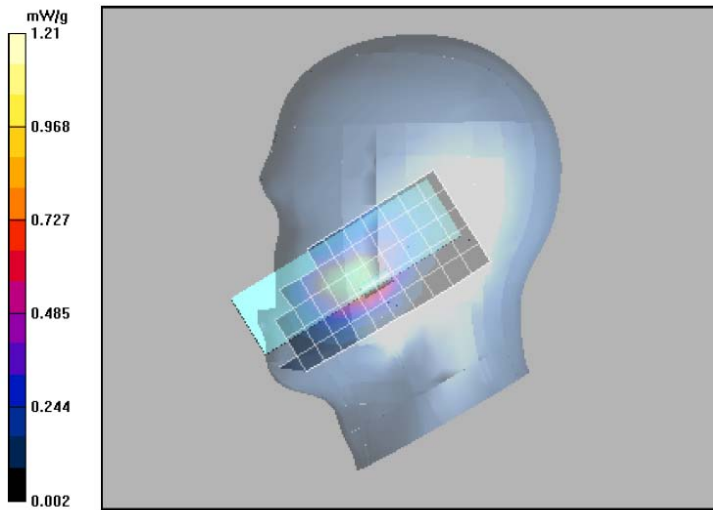
Right Ear-Touch Position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.7 V/m; Power Drift = 0.0538 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

Right Ear-Touch Position/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 29.7 V/m; Power Drift = 0.0538 dB
Motorola Fast SAR: SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.685 mW/g
Maximum value of SAR (interpolated) = 1.17 mW/g

Right Ear-Touch Position/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.21 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 6/20/2008 6:05:53 PM

Robot# / Run#: DASY4-FL-3 / MeC-Face-080620-16
Phantom# / Tissue Temp.: SAMTP1234 / 19.3 (C)
DUT Model# / Serial#: H02XAH6JR6AN-NWF1341A / 364VJJC0WT
Antenna / TX Freq.: 8575468M01 (OUT) / 902.5250 (MHz)
Battery: SNN5819A w/ Battery Cover NTN2484XXXXA
Carry Acc. / Cable Acc.: None / None
Start Power: 0.921 (W)

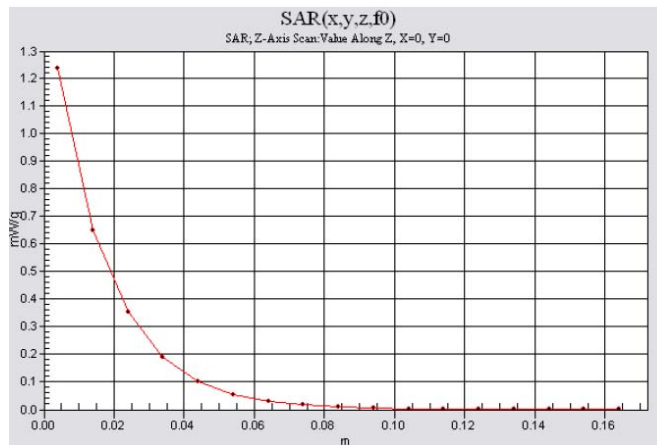
Comments: Flip closed; FULL SCAN

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008
Duty Cycle: 1:1.05, Medium parameters used: $f = 915$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = -0.0461 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.828 mW/g
Maximum value of SAR (measured) = 1.24 mW/g

Face Scan/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 31.7 V/m; Power Drift = -0.0461 dB
Motorola Fast SAR: SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.828 mW/g
Maximum value of SAR (interpolated) = 1.24 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.23 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 6/27/2008 9:35:15 AM

Robot# / Run#: DASY4-FL-3 / HvH-Face-080627-02
 Phantom# / Tissue Temp.: SAMTP1234 / 21.6 (C)
 DUT Model# / Serial#: H02XAH6JR6AN-NWF1341A / 364VJJC16H
 Antenna / TX Freq.: 8575468M01 (IN) / 815.5125 (MHz)
 Battery: SNN5819A w/ Battery Cover NTN2484XXXA
 Carry Acc. / Cable Acc.: None / None
 Start Power: 0.631 (W)

Comments: Full scan, flip open

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
 Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:6, Medium parameters used: $f = 815.5$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

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

Reference Value = 11.1 V/m; Power Drift = -0.00687 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.0759 mW/g

Maximum value of SAR (measured) = 0.110 mW/g

Face Scan/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm

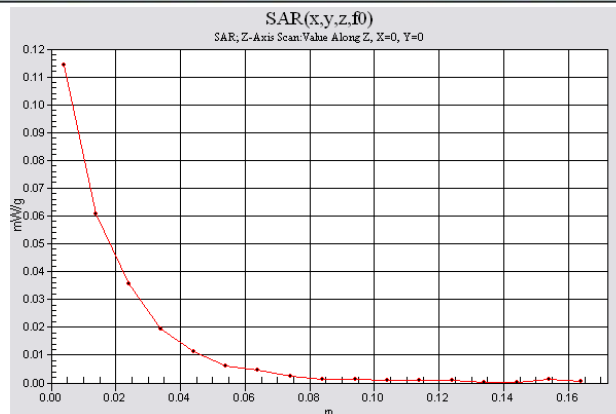
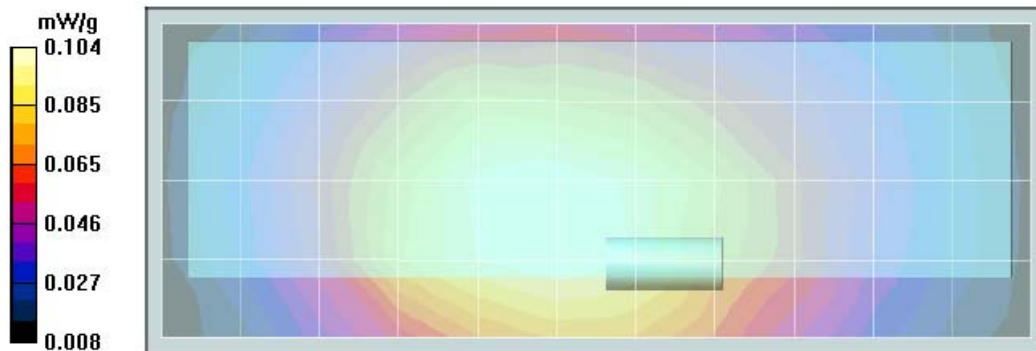
Reference Value = 11.1 V/m; Power Drift = -0.007 dB

Motorola Fast SAR: SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (interpolated) = 0.107 mW/g

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

Maximum value of SAR (measured) = 0.114 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 6/27/2008 10:15:44 AM

Robot# / Run#: DASY4-FL-3 / HvH-Face-080627-03
Phantom# / Tissue Temp.: SAMTP1234 / 21.5 (C)
DUT Model# / Serial#: H02XAH6JR6AN-NWF1341A / 364VJJC16H
Antenna / TX Freq.: 8575468M01 (IN) / 898.99375 (MHz)
Battery: SNN5819A w/ Battery Cover NTN2484XXXXA
Carry Acc. / Cable Acc.: None / None
Start Power: 0.676 (W)

Comments: Full scan , flip closed

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.54, 6.54, 6.54)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

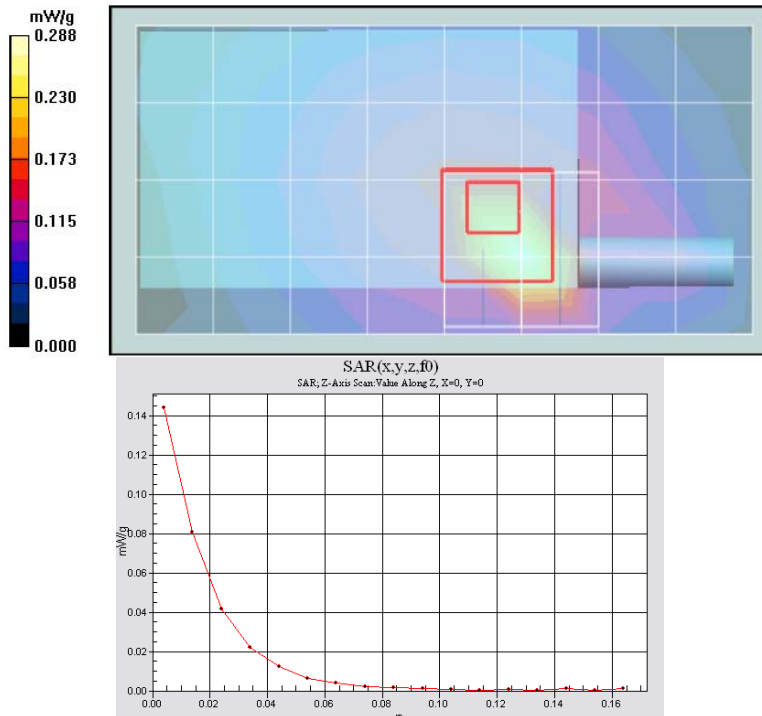
Duty Cycle: 1:6, Medium parameters used: $f = 899$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.00121 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.0985 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) = 0.148 mW/g

Face Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.0 V/m; Power Drift = -0.001 dB
Motorola Fast SAR: SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (interpolated) = 0.290 mW/g

Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.144 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 6/25/2008 2:06:17 AM

Robot# / Run#: DASY4-FL-3 / MeC-Ab-080624-38
Phantom# / Tissue Temp.: 80302002D-S15 / 19.3 (C)
DUT Model# / Serial#: H02XAH6JR6AN-NWF1341A / 364VJJC16H
Antenna / TX Freq.: 8575468M01 (OUT) / 806.0125 (MHz)
Battery: SNN5819A w/ Battery Cover NTN2484XXXXA
Carry Acc. / Cable Acc.: NNTN7495A / None
Start Power: 0.659 (W)

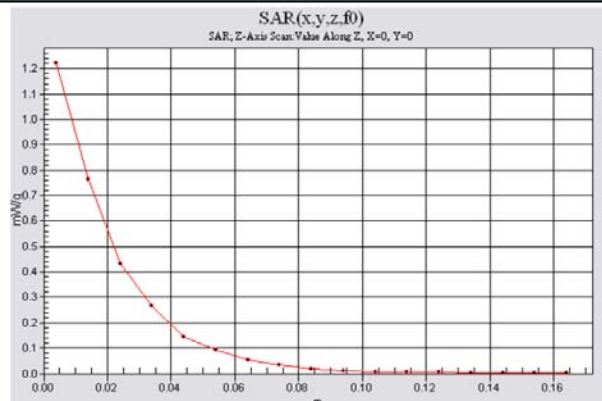
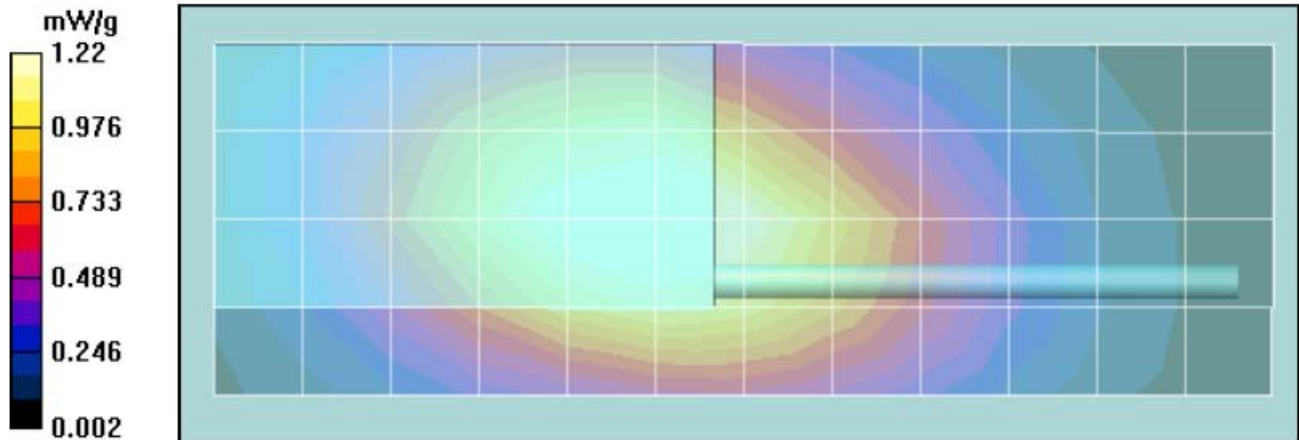
Comments: FULL SCAN

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.16, 6.16, 6.16)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008
Duty Cycle: 1:1.33, Medium parameters used: f = 815.5 MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 33.8 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.920 mW/g
Maximum value of SAR (measured) = 1.36 mW/g

Ab Scan/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 33.8 V/m; Power Drift = -0.194 dB
Motorola Fast SAR: SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.899 mW/g
Maximum value of SAR (interpolated) = 1.34 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.22 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 6/25/2008 2:37:13 AM

Robot# / Run#: DASY4-FL-3 / MeC-Ab-080624-40
Phantom# / Tissue Temp.: 80302002D-S15 / 19.3 (C)
DUT Model# / Serial#: H02XAH6JR6AN-NWF1341A / 364VJJC0WT
Antenna / TX Freq.: 8575468M01 (IN) / 898.99375 (MHz)
Battery: SNN5819A w/ Battery Cover NTN2484XXXXA
Carry Acc. / Cable Acc.: NNTN7495A / None
Start Power: 0.667 (W)

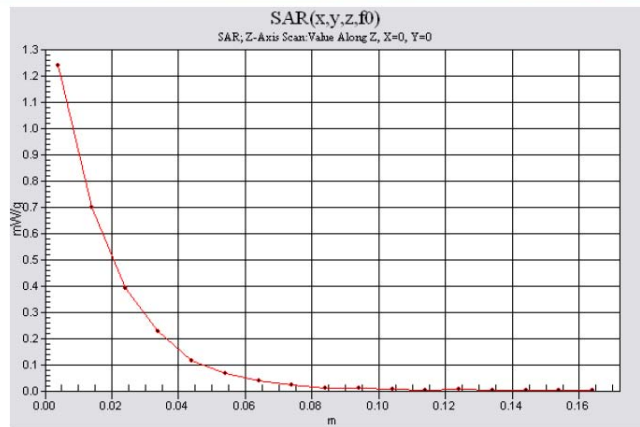
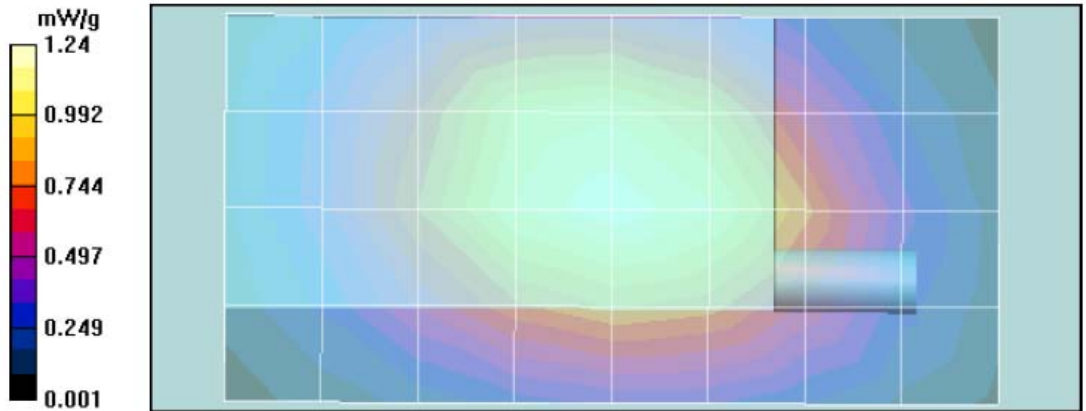
Comments: FULL SCAN

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.16, 6.16, 6.16)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008
Duty Cycle: 1:1.33, Medium parameters used: $f = 899$ MHz; $\sigma = 1.07$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.0 V/m; Power Drift = 0.00952 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.843 mW/g
Maximum value of SAR (measured) = 1.27 mW/g

Ab Scan/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 31.0 V/m; Power Drift = 0.00952 dB
Motorola Fast SAR: SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.818 mW/g
Maximum value of SAR (interpolated) = 1.24 mW/g

Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.24 mW/g



Motorola Government & Public Safety EME Laboratory
Date/Time: 6/25/2008 1:23:01 AM

Robot# / Run#: DASY4-FL-3 / MeC-Ab-080624-36
Phantom# / Tissue Temp.: 80302002D-S15 / 19.3 (C)
DUT Model# / Serial#: H02XAH6JR6AN-NWF1341A / 364VJJC0WT
Antenna / TX Freq.: 8575468M01 (OUT) / 927.4750 (MHz)
Battery: SNN5819A w/ Battery Cover NTN2484XXXXA
Carry Acc. / Cable Acc.: NNTN7495A / NNTN6312A
Start Power: 0.921 (W)

Comments: FULL SCAN

Probe: ET3DV6 - SN1383, Calibrated: 1/28/2008, ConvF(6.16, 6.16, 6.16)
Electronics: DAE3 Sn374, Calibrated: 1/31/2008

Duty Cycle: 1:1.05, Medium parameters used: f = 915 MHz; $\sigma = 1.08$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

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

Reference Value = 41.3 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.87 mW/g; SAR(10 g) = 1.34 mW/g

Maximum value of SAR (measured) = 1.99 mW/g

Ab Scan/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

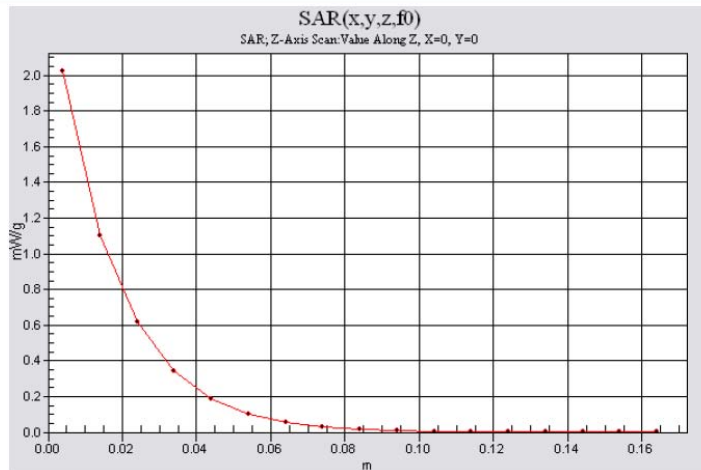
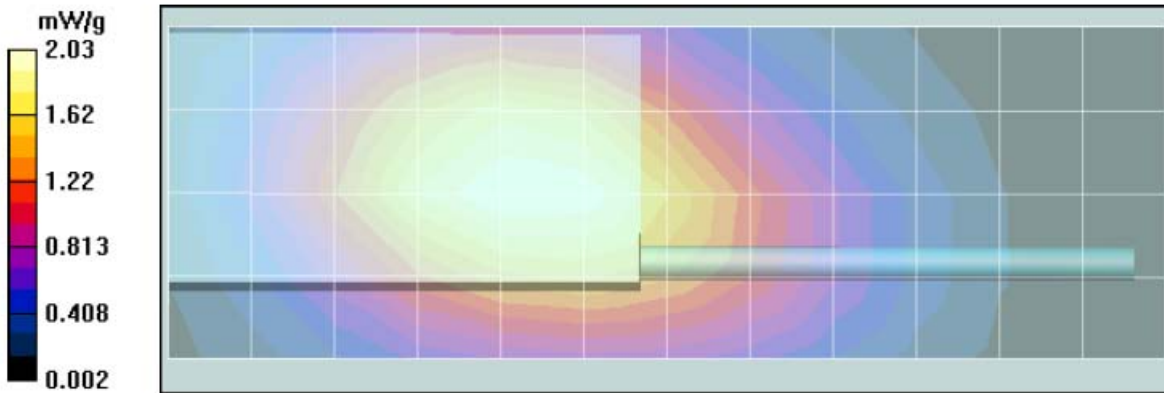
Reference Value = 41.3 V/m; Power Drift = -0.181 dB

Motorola Fast SAR: SAR(1 g) = 1.96 mW/g; SAR(10 g) = 1.37 mW/g

Maximum value of SAR (interpolated) = 2.08 mW/g

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

Maximum value of SAR (measured) = 2.03 mW/g

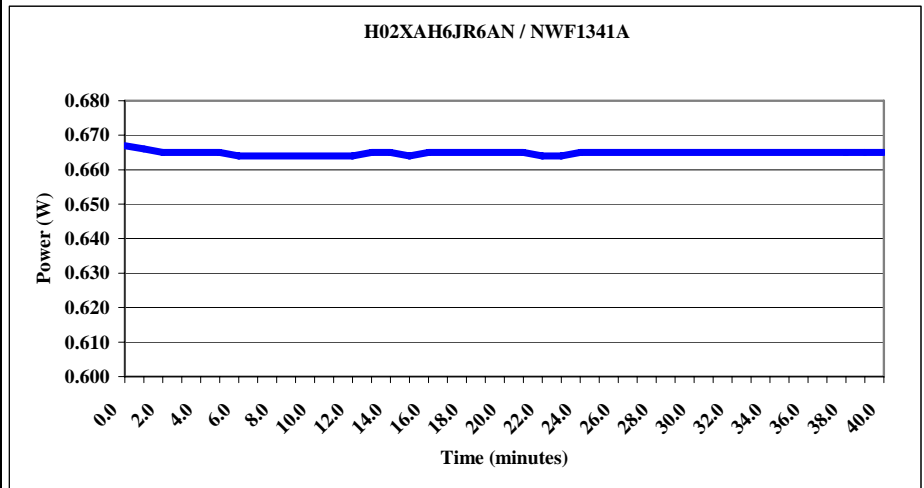


Appendix F
DUT Supplementary Data (Power slump)
Model # H02XAH6JR6AN / NWF1341A
Serial # 364VJJC16H

Battery# SNN5819A
Frequency 824.9875 MHz
Date 6/25/2008

Transmit Mode: 1:3
 Audio Accessory: None
 Antenna: Retracted

TX TIME (Minutes)	Measured Power (Watts)
0.0	0.667
1.0	0.666
2.0	0.665
3.0	0.665
4.0	0.665
5.0	0.665
6.0	0.664
7.0	0.664
8.0	0.664
9.0	0.664
10.0	0.664
11.0	0.664
12.0	0.664
13.0	0.665
14.0	0.665
15.0	0.664
16.0	0.665
17.0	0.665
18.0	0.665
19.0	0.665
20.0	0.665
21.0	0.665
22.0	0.664
23.0	0.664
24.0	0.665
25.0	0.665
26.0	0.665
27.0	0.665
28.0	0.665
29.0	0.665
30.0	0.665
31.0	0.665
32.0	0.665
33.0	0.665
34.0	0.665
35.0	0.665
36.0	0.665
37.0	0.665
38.0	0.665
39.0	0.665
40.0	0.665



Appendix G
DUT Test Position Photos

Photos available in Exhibit 7B - Temporary Confidentiality Requested

Appendix H
DUT and Body worn Accessory Photos

Photos available in Exhibit 7B - Temporary Confidentiality Requested

Appendix I

DUT Antenna Separation Distances and Offered Accessory Test Status

The following table(s) summarizes the separation distances and test status provided by each of the applicable body-worn accessory(ies):

Battery Model	Tested ?	Min. Separation distances between DUT antenna and phantom surface. (mm)	Comments
SNN5819A	Yes	NA	NA
NTN2484XXXA	Yes	NA	Battery cover

Body-worn Model	Tested ?	Min. Separation distances between DUT antenna and phantom surface. (mm)	Comments
NNTN7495A	Yes	29-35	

Battery Model	Tested ?	Min. Separation distances between DUT antenna and phantom surface. (mm)	Comments
SKN6238A	Yes	NA	
NNTN5330B	Yes	NA	
NNTN5211B	Yes	NA	
NNTN6312A	Yes	NA	