MOTOROLA

ACCREDITED

TESTING CERT # 2518.01

FCC ID: AZ489FT7031
DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 3 of 3

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

Date of Report: 2/19/2008
Report Revision: A
Report ID: UTAH_Rev A_080219 SR5694

Responsible Engineer:	Stephen C. Whalen (EME Principle Staff Engineer)
Date/s Tested:	11/08/07-11/30/07
Manufacturer/Location:	Motorola – Israel
Sector/Group/Div.:	MCIL Israel
Date submitted for test:	10/30/07
DUT Description:	VoWLAN is a VoIP phone based on WLAN 802.11a/b/g & Bluetooth
Test TX mode(s):	100% Duty Cycle (all bands)
Max. Power output:	BT 2.51mW; 802.11a(5.15-5.25GHz) 39.8mW; 802.11a(5.25-5.35GHz) 79.3mW; 802.11a(5.47-5.725GHz) 79.3mW; 802.11a(5.725-5.825 GHz) 79.3mW; 802.11b 79.3mW; 802.11g 70.8mW.
Nominal Power:	BT 1mW; 802.11a(5.15-5.25GHz) 28.2mW; 802.11a(5.25-5.35GHz) 56.2mW; 802.11a(5.47-5.725GHz) 56.2mW; 802.11a(5.725-5.825 GHz) 56.2mW; 802.11b 63mW; 802.11g 17.8mW
Tx Frequency Bands:	BT 2402-2480MHz; 802.11a 5.18-5.24GHz; 802.11a 5.26-5.32GHz ; 802.11a 5.50-5.70GHz; 802.11a 5.745-5.805GHz; 802.11b/g 2412-2462MHz
Signaling type:	Bluetooth - Frequency Hopping Spread Spectrum (FHSS); WLAN -802.11a/b/g Direct Sequence Spread Spectrum (DSSS), Orthogonal Frequency Division Multiplexing (OFDM)
Model(s) Tested:	F2977A
Model(s) Certified:	F2977A
Serial Number(s):	079SHS006C, 079SHS0062
Classification:	General Population/Uncontrolled
Rule Part(s):	15

DUT Photo (Refer to Exhibit 11B)

Antenna(s):
0789971V46 (2.4GHz BT PIFA single Band ¼ wave antenna, 0dBi);
0789971V37 (2.4GHz WLAN b/g PIFA Dual Band ¼ wave antenna, 3.7dBi);
0789971V37 (5GHz WLAN a PIFA Dual Band ¼ wave antenna, 0dBi)

Battery(ies):
SNN5754A (Li Ion 1480MAH - BK90)

Body worn accessory(ies):
None

Audio/Data cable accessory(ies):
NNTN5004BP (Earpiece W/Boom Mic & PTT), NNTN5005BP (Breeze Headset W/Boom Mic), NNTN5006BP (Earpiece W/Mic & PTT), NNTN5211B (Earbud W/Clip & PTT (Surveillance)), SYN1301B (EMU Stereo Headset), NNTN5774C (Stereo Headset W/Tamper proof), SYN0896B (Headset EMU MONO), NNTN5689A (Earpiece W/Mic), SKN6222A (Data Cable EMU & EMU Y-CABLE), SKN6371C (Data Cable MINI USB TO USB)

Max. Calc. : 1-g Avg. SAR: 1.42 W/kg (Body); 10-g Avg. SAR: 0.52 W/kg (Body)
Max. Calc. : 1-g Avg. SAR: 0.08 W/kg (Face); 10-g Avg. SAR: 0.03 W/kg (Face)
Max. Calc. : 1-g Avg. SAR: 0.58 W/kg (Head); 10-g Avg. SAR: 0.21 W/kg (Head)

Signature on file
Deanna Zakharia G&PS EME Lab Senior Resource Manager, Laboratory Director,
Approval Date: 2/19/2008

Certification Date: 2/19/2008

Certification No.: L1071204P

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: 11/8/2007 9:09:57 AM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-2450H-071108-01
Phantom# / Tissue Temp.: SAMTP1209 / 20.3 (C)
Dipole Model# / Serial#: D2450V2 / 704
TX Freq. / Start power: 2450 (MHz) / 250 (mW)

Target:	56.98 mW/g	(1g)
Calculated:	57.80 mW/g	(1g)
Percent from Target (+/-):	1.4 %	(1g)

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007

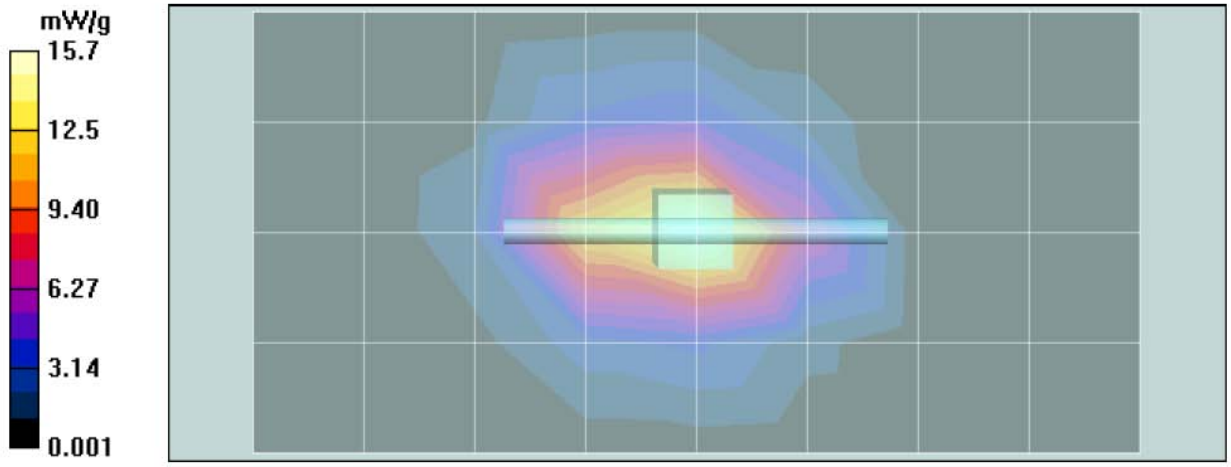
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.84 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 96.4 V/m; Power Drift = 0.00331 dB
Peak SAR (extrapolated) = 31.8 W/kg
SAR(1 g) = 14.5 mW/g; SAR(10 g) = 6.69 mW/g
Maximum value of SAR (measured) = 16.0 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 96.4 V/m; Power Drift = 0.00331 dB
Peak SAR (extrapolated) = 32.0 W/kg
SAR(1 g) = 14.4 mW/g; SAR(10 g) = 6.65 mW/g
Maximum value of SAR (measured) = 15.7 mW/g

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

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 16.1 mW/g



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Date/Time: 11/9/2007 8:21:21 AM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-2450H-071109-01
Phantom# / Tissue Temp.: SAMTP1209 / 21.5 (C)
Dipole Model# / Serial#: D2450V2 / 704
TX Freq. / Start power: 2450 (MHz) / 250 (mW)

Target: 56.98 mW/g (1g)
Calculated: 58.20 mW/g (1g)
Percent from Target (+/-): 2.1 % (1g)

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007

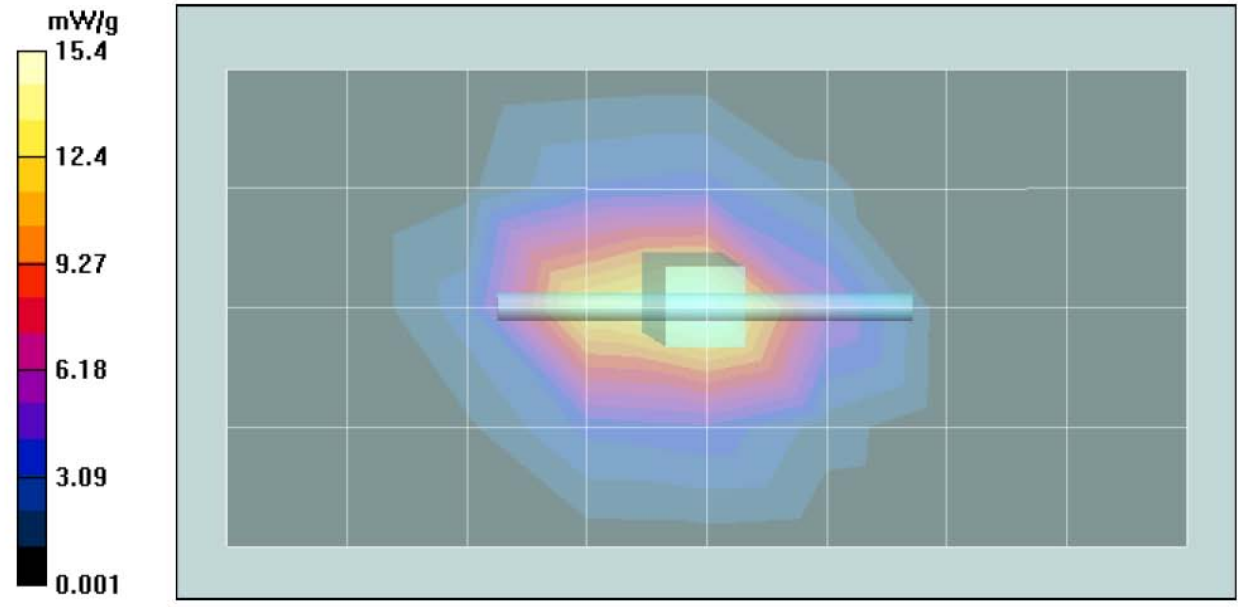
Duty Cycle: 1:1, Medium parameters used: f = 2450 MHz; σ = 1.85 mho/m; ε_r = 37.5; ρ = 1000 kg/m^3

System Performance Check/0-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.5 V/m; Power Drift = -0.0365 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 14.7 mW/g; SAR(10 g) = 6.79 mW/g
Maximum value of SAR (measured) = 16.2 mW/g

System Performance Check/90-Degree 5x5x7 Cube (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.5 V/m; Power Drift = -0.0365 dB
Peak SAR (extrapolated) = 32.0 W/kg
SAR(1 g) = 14.4 mW/g; SAR(10 g) = 6.67 mW/g
Maximum value of SAR (measured) = 15.4 mW/g

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

System Performance Check/Z-Axis Retraction (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 16.3 mW/g



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Date/Time: 11/10/2007 4:54:39 AM

Robot# / Run#: DASY4-FL-1,2, or 3 / ErC SYSP 5200H 071110-15
Phantom# / Tissue Temp.: SAMTP1208 / 21.3 (C)
Dipole Model# / Serial#: D5200V2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target: 81.24 mW/g (1g)
Calculated: 86.87 mW/g (1g)
Percent from Target (+/-): 6.9 % (1g)

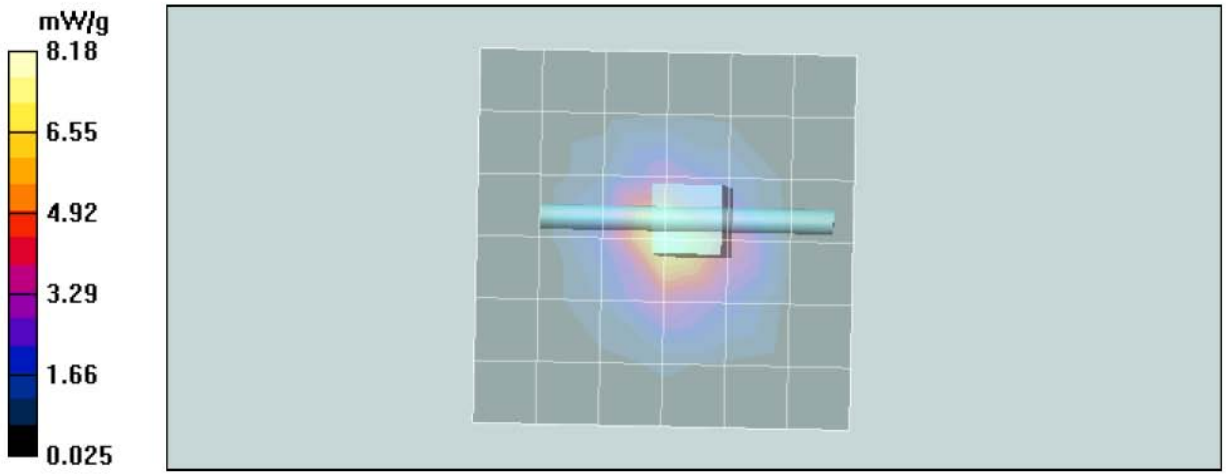
Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(5.27, 5.27, 5.27)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 4.66 mho/m; ε_r = 35.1; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 39.9 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 4.29 mW/g; SAR(10 g) = 1.22 mW/g
Maximum value of SAR (measured) = 7.84 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 39.9 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 4.44 mW/g; SAR(10 g) = 1.26 mW/g
Maximum value of SAR (measured) = 7.92 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 8.18 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.31 mW/g



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Date/Time: 11/11/2007 1:43:48 AM

Robot# / Run#: DASY4-FL- 3 / ErC SYSP 5200H 071111-01
Phantom# / Tissue Temp.: SAMTP1208 / 21.0 (C)
Dipole Model# / Serial#: D5200V2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target: 81.24 mW/g (1g)
Calculated: 73.84 mW/g (1g)
Percent from Target (+/-): 9.1 % (1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

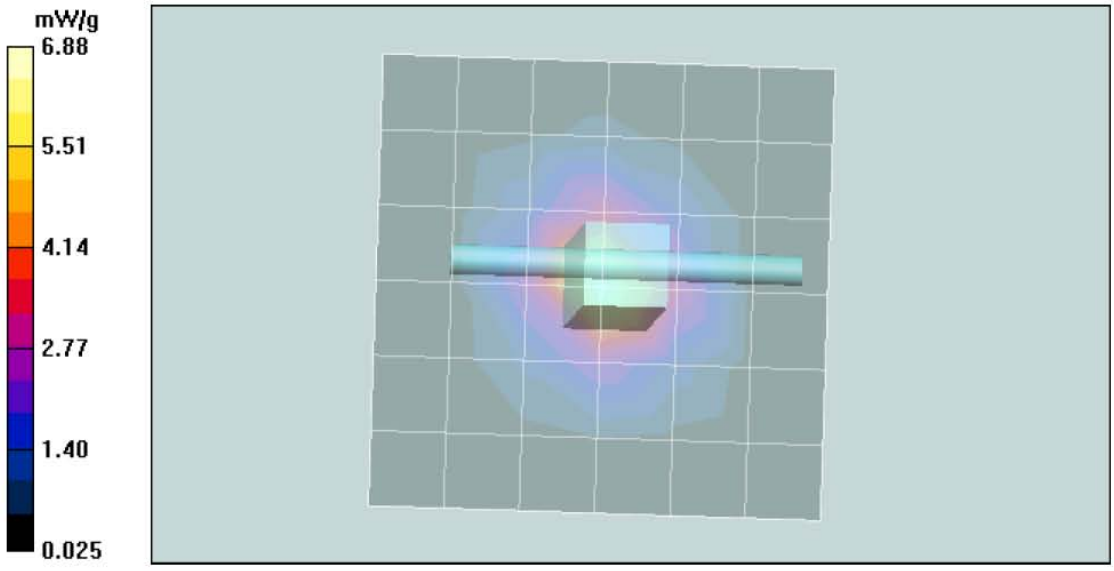
Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(5.27, 5.27, 5.27)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 4.61 mho/m; ε_r = 34.8; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 37.6 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 3.65 mW/g; SAR(10 g) = 1.04 mW/g
Maximum value of SAR (measured) = 6.48 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 37.6 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 3.76 mW/g; SAR(10 g) = 1.07 mW/g
Maximum value of SAR (measured) = 7.12 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 6.88 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 6.99 mW/g



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Date/Time: 11/12/2007 6:36:03 AM

Robot# / Run#: DASY4-FL- 3 / ErC SYSP 5200B 071112-01
Phantom# / Tissue Temp.: 40302002A-S11 / 22.0 (C)
Dipole Model# / Serial#: D5200V2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target: 83.26 mW/g (1g)
Calculated: 79.48 mW/g (1g)
Percent from Target (+/-): 4.5 % (1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

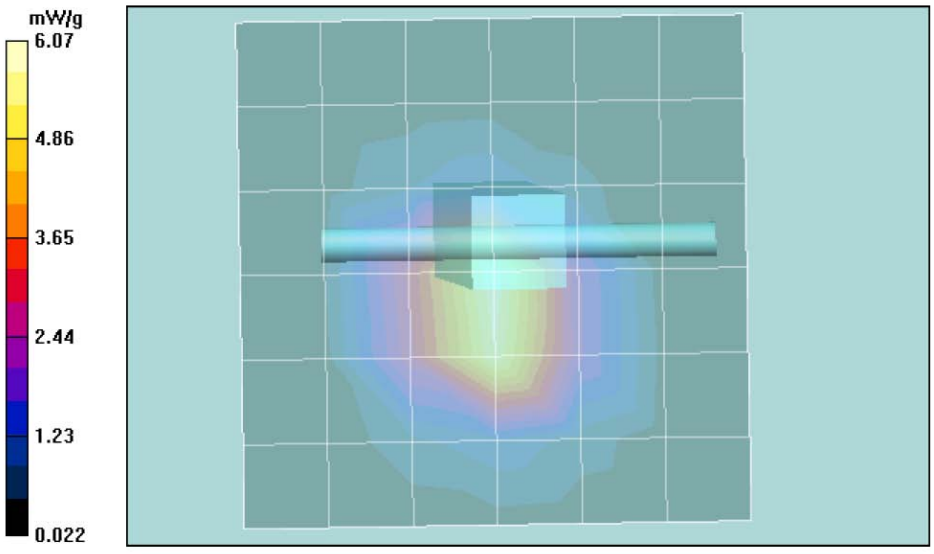
Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 5.43 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 26.1 V/m; Power Drift = 0.0741 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 4.01 mW/g; SAR(10 g) = 1.14 mW/g
Maximum value of SAR (measured) = 7.07 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 26.1 V/m; Power Drift = 0.0741 dB
Peak SAR (extrapolated) = 16.2 W/kg
SAR(1 g) = 4.1 mW/g; SAR(10 g) = 1.16 mW/g
Maximum value of SAR (measured) = 7.81 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 6.07 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.77 mW/g



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Date/Time: 11/13/2007 12:03:53 PM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-5200B-071113-01
Phantom# / Tissue Temp.: 40302002A-S11 / 21.5 (C)
Dipole Model# / Serial#: D5GHzV2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target:	83.26 mW/g	(1g)
Calculated:	77.64 mW/g	(1g)
Percent from Target (+/-):	6.7 %	(1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007

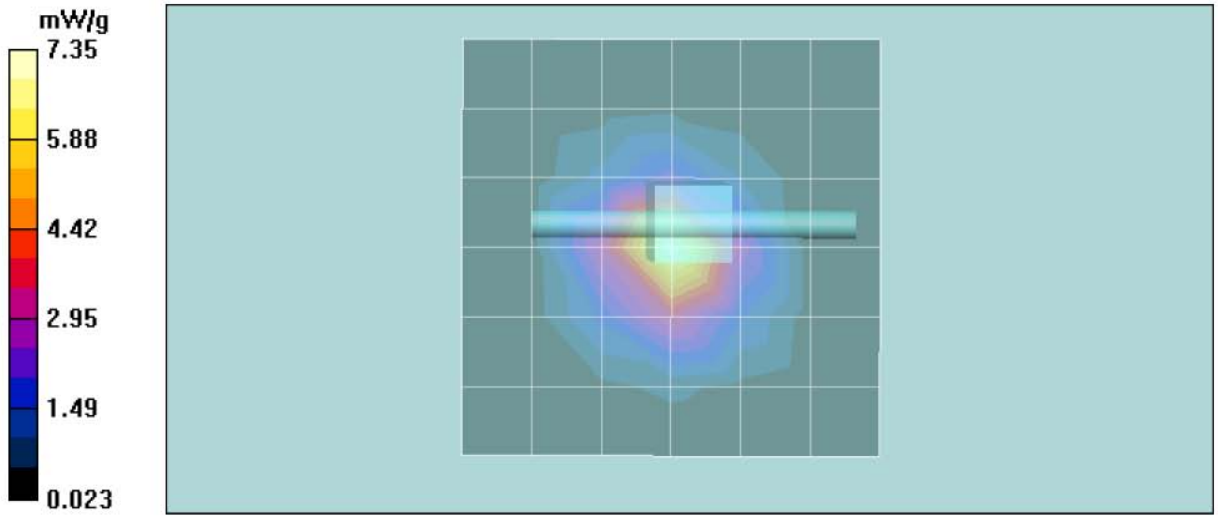
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 5.31 mho/m; ε_r = 45.8; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 32.6 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 3.87 mW/g; SAR(10 g) = 1.1 mW/g
Maximum value of SAR (measured) = 6.94 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 32.6 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 16.2 W/kg
SAR(1 g) = 4.07 mW/g; SAR(10 g) = 1.15 mW/g
Maximum value of SAR (measured) = 7.23 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 7.35 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.59 mW/g



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Date/Time: 11/14/2007 8:36:50 AM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-5200B-071114-03
Phantom# / Tissue Temp.: 40302002A-S11 / 21.0 (C)
Dipole Model# / Serial#: D5GHzV2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target: 83.26 mW/g (1g)
Calculated: 80.54 mW/g (1g)
Percent from Target (+/-): 3.3% (1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007

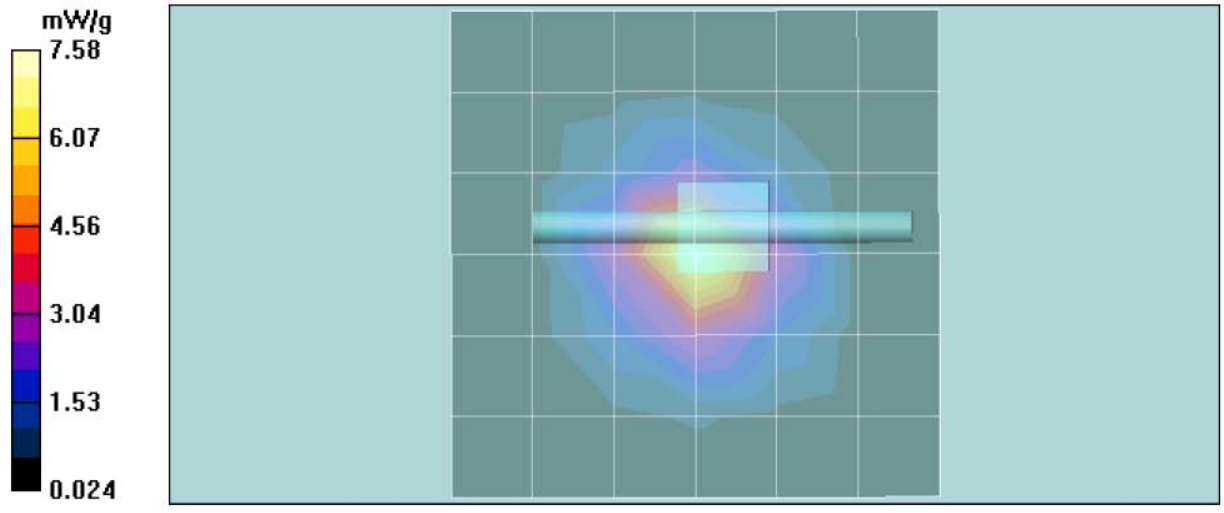
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 5.42 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 34.2 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 3.98 mW/g; SAR(10 g) = 1.13 mW/g
Maximum value of SAR (measured) = 7.06 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 34.2 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 4.23 mW/g; SAR(10 g) = 1.2 mW/g
Maximum value of SAR (measured) = 7.47 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 7.58 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.51 mW/g



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Date/Time: 11/15/2007 7:09:16 AM

Robot# / Run#: DASY4-FL-3 / ErC(Vee)-SYSP-5200B-071115-01
Phantom# / Tissue Temp.: 40302002A-S11 / 21.3 (C)
Dipole Model# / Serial#: D5GHzV2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target:	83.26 mW/g	(1g)
Calculated:	80.47 mW/g	(1g)
Percent from Target (+/-):	3.4 %	(1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

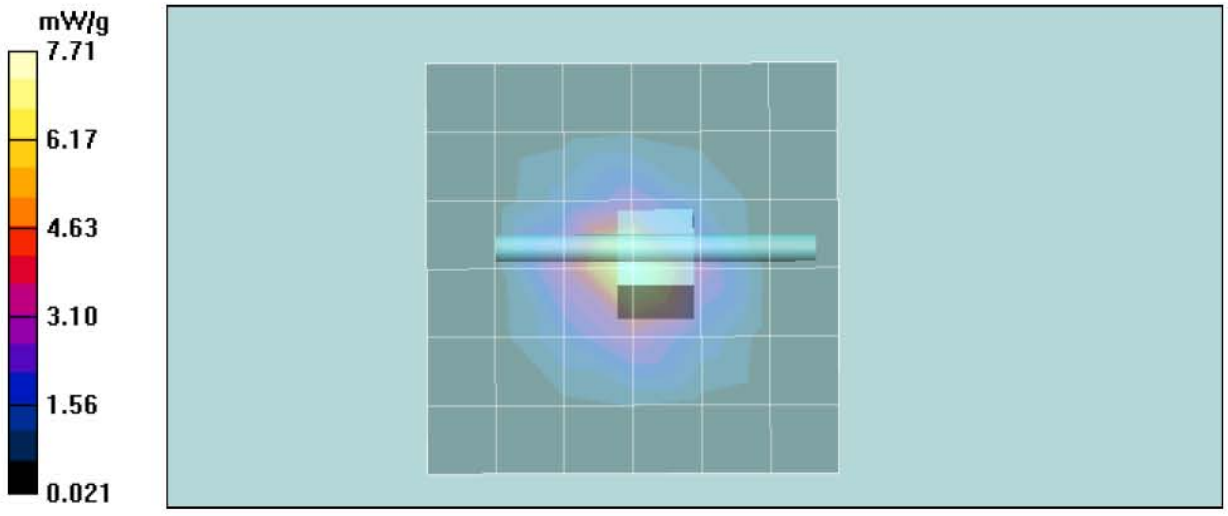
Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 5.46 mho/m; ε_r = 47.1; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 34.2 V/m; Power Drift = -0.0823 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 4.01 mW/g; SAR(10 g) = 1.14 mW/g
Maximum value of SAR (measured) = 7.03 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 34.2 V/m; Power Drift = -0.0823 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 4.18 mW/g; SAR(10 g) = 1.18 mW/g
Maximum value of SAR (measured) = 7.30 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 7.71 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.78 mW/g



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Date/Time: 11/16/2007 7:05:49 AM

Robot# / Run#: DASY4-FL-3 / ErC(Vee)-SYSP-5200B-071116-01
Phantom# / Tissue Temp.: 40302002A-S11 / 21.5 (C)
Dipole Model# / Serial#: D5GHzV2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target:	83.26 mW/g	(1g)
Calculated:	76.58mW/g	(1g)
Percent from Target (+/-):	8.0 %	(1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

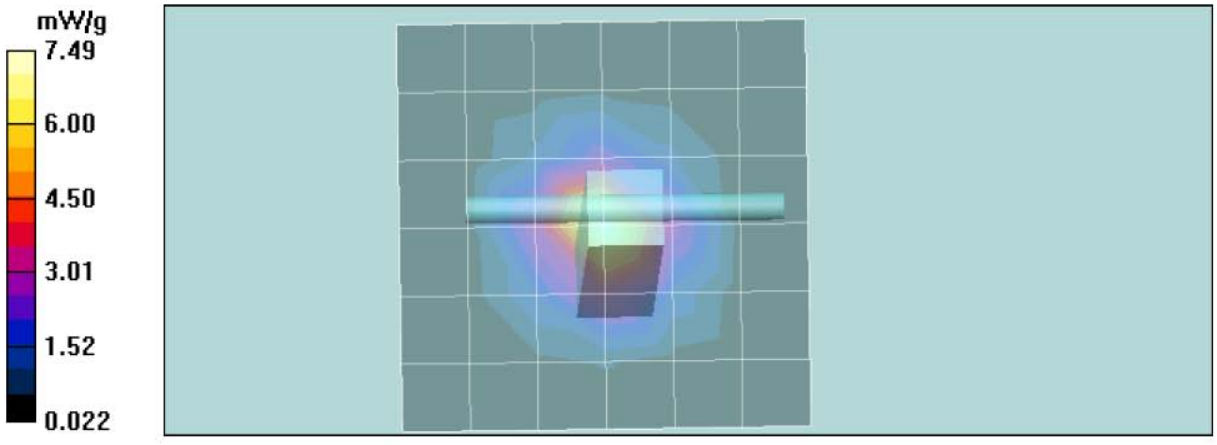
Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 5.35 mho/m; ε_r = 45.8; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 33.8 V/m; Power Drift = -0.0419 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 3.95 mW/g; SAR(10 g) = 1.11 mW/g
Maximum value of SAR (measured) = 7.05 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 33.8 V/m; Power Drift = -0.0419 dB
Peak SAR (extrapolated) = 14.9 W/kg
SAR(1 g) = 3.89 mW/g; SAR(10 g) = 1.11 mW/g
Maximum value of SAR (measured) = 6.70 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 7.49 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.48 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/28/2007 1:07:23 PM

Robot# / Run#: DASY4-FL-3 / JsT-SYSP-5200H-071128-01
Phantom# / Tissue Temp.: SAMTP1208 / 21.1 (C)
Dipole Model# / Serial#: D5GHzV2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target: 81.24 mW/g (1g)
Calculated: 85.70 mW/g (1g)
Percent from Target (+/-): 5.5 % (1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(5.27, 5.27, 5.27)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007

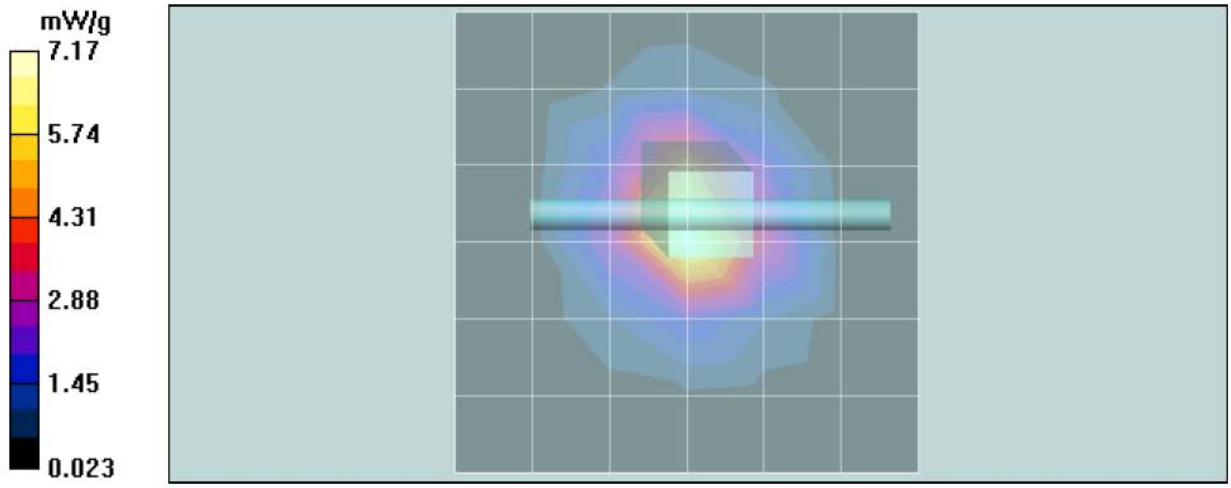
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 4.65 mho/m; ε_r = 35.2; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 41.3 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 4.11 mW/g; SAR(10 g) = 1.17 mW/g
Maximum value of SAR (measured) = 7.51 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 41.3 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 4.46 mW/g; SAR(10 g) = 1.26 mW/g
Maximum value of SAR (measured) = 8.10 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 7.17 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 8.06 mW/g



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Date/Time: 11/29/2007 5:59:23 AM

Robot# / Run#: DASY4-FL-3 / ErC-SYSP-5200H-071129-01
Phantom# / Tissue Temp.: SAMTP1208 / 21.8 (C)
Dipole Model# / Serial#: D5GHzV2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target: 81.24 mW/g (1g)
Calculated: 85.31 mW/g (1g)
Percent from Target (+/-): 5.0 % (1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

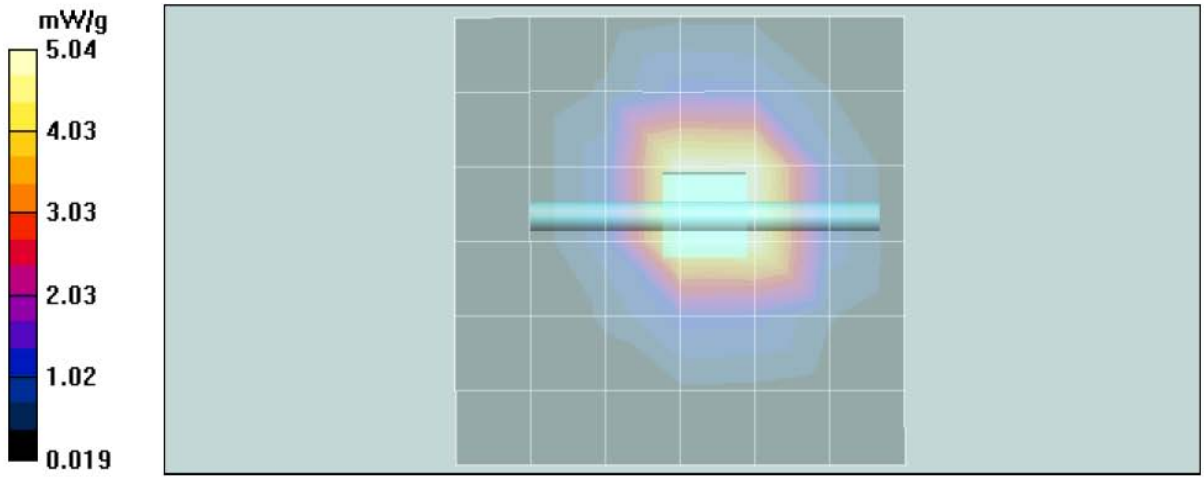
Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(5.27, 5.27, 5.27)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5200 MHz; σ = 4.62 mho/m; ε_r = 35; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 42.5 V/m; Power Drift = -0.0255 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 4.25 mW/g; SAR(10 g) = 1.21 mW/g
Maximum value of SAR (measured) = 7.37 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 42.5 V/m; Power Drift = -0.0255 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 4.33 mW/g; SAR(10 g) = 1.22 mW/g
Maximum value of SAR (measured) = 8.19 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 5.04 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.97 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/30/2007 6:34:11 AM

Robot# / Run#: DASY4-FL-3 / ErC-SYSP-5200B-071130-01
Phantom# / Tissue Temp.: S40302002A-S11 / 21.7 (C)
Dipole Model# / Serial#: D5GHzV2 / 1010
TX Freq. / Start power: 5200 (MHz) / 50 (mW)

Target: 83.26 mW/g (1g)
Calculated: 80.47 mW/g (1g)
Percent from Target (+/-): 3.4 % (1g)

Note:
Prior to recording the calculated 1g SAR, the measured 1g SAR value needs to be adjusted/corrected in accordance with FCD-1749 if the test frequency is between 3-6 GHz.

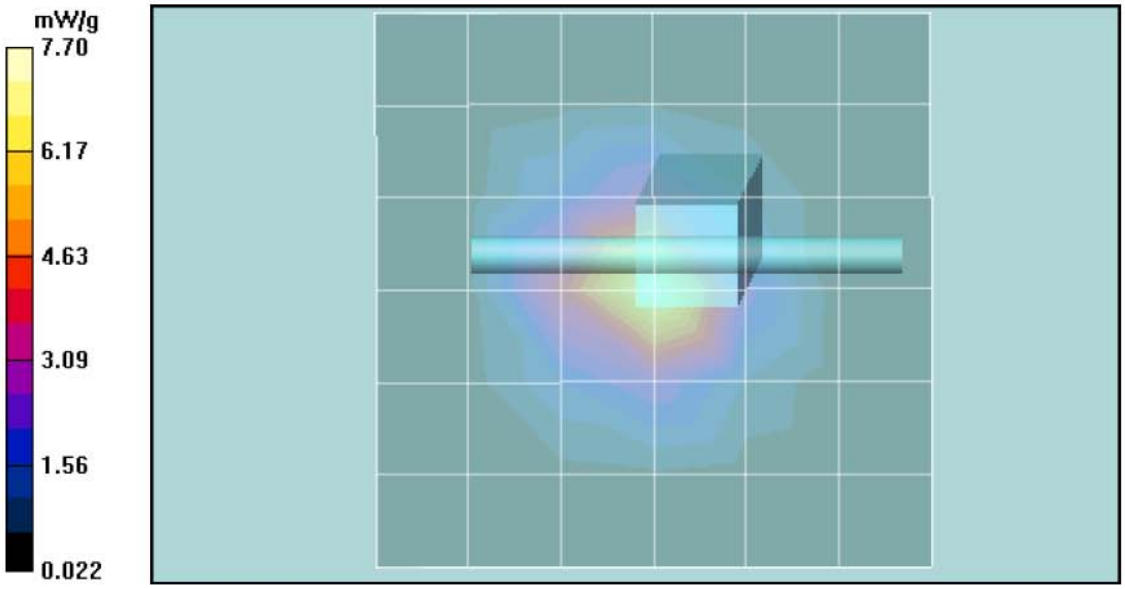
Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 8 MHz; σ = 5.48 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3

Above 3 GHz System Performance Check/0-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 34.4 V/m; Power Drift = -0.206 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 4.03 mW/g; SAR(10 g) = 1.13 mW/g
Maximum value of SAR (measured) = 7.12 mW/g

Above 3 GHz System Performance Check/90-Degree Cube (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 34.4 V/m; Power Drift = -0.206 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 4.18 mW/g; SAR(10 g) = 1.17 mW/g
Maximum value of SAR (measured) = 7.37 mW/g

Above 3 GHz System Performance Check/Dipole Area Scan (7x7x1): Measurement grid: dx=9mm, dy=9mm
Maximum value of SAR (measured) = 7.70 mW/g

Above 3 GHz System Performance Check/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 7.83 mW/g



DIPOLE SAR TARGET - HEAD

Date:	12/10/06	Frequency (MHz):	2450
Lab Location:	NE	Mixture Type:	IEEE Head
DAE Serial #:	406	Ambient Temp.(°C):	22.3

Tissue Characteristics

Permitivity:	38.4	Phantom Type/SN:	40302002A-S11
Conductivity:	1.88	Distance (mm):	10
Tissue Temp.(°C):	20.5		

Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	704		

Target SAR Value: **52.4** mW/g (1g avg.), **24.0** mW/g (10g avg.)
(normalized to 1.0 W)

New Target:

Average Measured SAR Value: **56.98** mW/g (1g avg.), **25.93** mW/g (10g avg.)

Percent Difference From Target (MUST be within k=2 Uncertainty): **8.74%** (1g ave)
8.02% (10g ave

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	55.80	-2.07%	25.50	-1.64%	**R1**
1384	58.75	3.11%	26.59	2.56%	**R1**
1393	57.51	0.93%	26.30	1.44%	**R1**
1545	56.07	-1.59%	25.51	-1.60%	**R1**
1547	56.76	-0.38%	25.73	-0.76%	**R1**
Average	56.9780		25.9260	New Measured SAR Value	
			(normalized to 1.0 W, including drift)		

DIPOLE SAR TARGET - BODY

Date:	12/10/06	Frequency (MHz):	2450
Lab Location:	NE	Mixture Type:	FCC Body
DAE Serial #:	406	Ambient Temp.(°C):	22.2

Tissue Characteristics

Permitivity:	50.3	Phantom Type/SN:	40302002B-S12
Conductivity:	2.02	Distance (mm):	10
Tissue Temp.(°C):	21.2		

Reference Source:	Dipole	Power to Dipole:	250 mW
Reference SN:	704		

New Target:

Average Measured SAR Value: **58.82** mW/g(1g avg.), **26.59** 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	57.97	-1.4%	26.32	-1.0%	R1
1384	57.43	-2.4%	26.04	-2.1%	R1
1393	59.03	0.4%	26.77	0.7%	R1
1545	59.58	1.3%	26.80	0.8%	R1
1547	60.09	2.2%	27.03	1.6%	R1
Average	58.8200		26.5920	New Measured SAR Value	
			(nomalized to 1.0 W, including drift)		

DIPOLE SAR TARGET - HEAD

Date:	08/27/07	Frequency (MHz):	5200
Lab Location:	NE	Mixture Type:	IEEE Head
DAE Serial #:	374	Ambient Temp.(°C):	20.1

Tissue Characteristics

Permitivity:	35.5	Phantom Type/SN:	40302002B-S12
Conductivity:	4.73	Distance (mm):	10
Tissue Temp.(°C):	20.3		

Reference Source:	Dipole	Power to Dipole:	50 mW
Reference SN:	1010		

Target SAR Value: 76.5 mW/g (1g avg.), 21.6 mW/g (10g avg.)
(normalized to 1.0 W)

New Target:

Average Measured SAR Value: 81.24 mW/g (1g avg.), 23.17 mW/g (10g avg.)

Percent Difference From Target (MUST be within k=2 Uncertainty): 6.20% (1g ave)
7.27% (10g ave)

Test performed by: J. Turco Initial:

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
3527	81.24	0.00%	23.17	0.00%	Rx
2	NA	#VALUE!	NA	#VALUE!	Rx
3	NA	#VALUE!	NA	#VALUE!	Rx
4	NA	#VALUE!	NA	#VALUE!	Rx
5	NA	#VALUE!	NA	#VALUE!	Rx
Average	81.2400		23.1700	New Measured SAR Value	
(normalized to 1.0 W, including drift)					

DIPOLE SAR TARGET - BODY

Date:	08/28/07	Frequency (MHz):	5200
Lab Location:	NE	Mixture Type:	FCC Body
DAE Serial #:	374	Ambient Temp.(°C):	20.9

Tissue Characteristics

Permitivity:	46.6	Phantom Type/SN:	40302002A-S11
Conductivity:	5.41	Distance (mm):	10
Tissue Temp.(°C):	21		

Reference Source:	Dipole	Power to Dipole:	50 mW
Reference SN:	1010		

New Target:

Average Measured SAR Value: **83.26** mW/g(1g avg.), **23.79** mW/g (10g avg.)

Test performed by: **J. Turco** Initial:

Probe SN #s	1-G Cube	Diff from Ave	10-G Cube	Diff from Ave	Robot
3527	83.26	0.0%	23.79	0.0%	R1
2	N/A	#VALUE!	N/A	#VALUE!	Rx
3	N/A	#VALUE!	N/A	#VALUE!	Rx
4	N/A	#VALUE!	N/A	#VALUE!	Rx
5	N/A	#VALUE!	N/A	#VALUE!	Rx
Average	83.2600		23.7900	New Measured SAR Value	
(nomalized to 1.0 W, including drift)					

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

Note – Probe EX3DV3/3527 was calibrated at 5.2GHz and 5.8GHz. These calibrations were based on IEEE std 802.11a which at the time only included U.S. bands 5.15-5.25Ghz, 5.25-5.35GHz and 5.725-5.825GHz. This device was tested in the 5.47-5.725GHz band utilizing the correction factors closest the 5.2GHz and 5.8GHz. The correction factors at 5.2GHz and 5.8GHz are very close to each other and therefore the error is expected to be very small. Future probe calibrations will include addition calibration points to include 5.47-5.725GHz.

Shortened Scan Results
Motorola Government & Public Safety EME Laboratory

Date/Time: 11/16/2007 9:37:09 AM
Robot# / Run#: DASY4-FL-3 / JsT-Ab-071116-02
Phantom# / Tissue Temp.: 40302002A-S11 / 21.5 (C)
DUT Model# / Serial#: F2977A / 079SHS0062
Antenna / TX Freq.: Internal 0789971V37 / 5320 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / SKN6371C
Start Power: 0.068 (W)

Note all 5GHz DASY SAR results were corrected for deviations in permittivity and conductivity, using the algorithm given in Annex B.3 of draft standard IEEE 1528b and Annex F of draft standard IEC 62209-2. The use of this algorithm increases the accuracy of the SAR results.
Therefore;

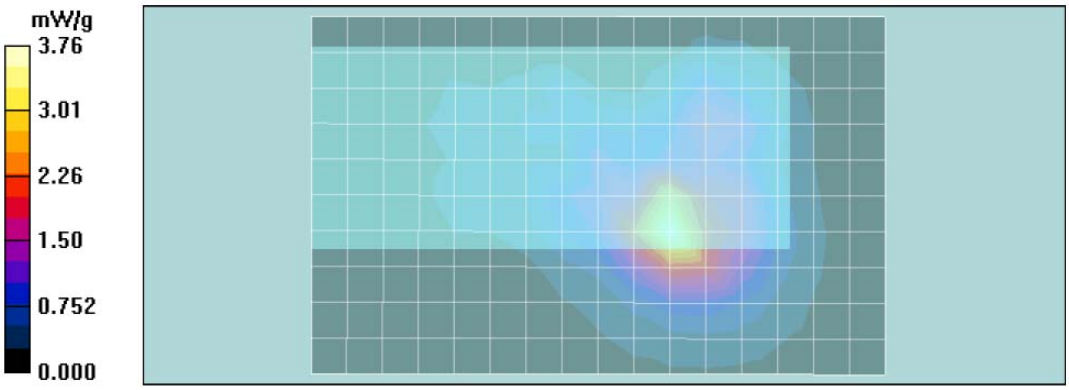
SAR Calculated: 1.942 mW/g (1g); 0.709 mW/g (10g)

Comments: Shortened Scan; Back of radio against phantom

Comments: Short Scan at the body w/ DUT against phantom
Shortened scan reflect highest SAR producing configuration; Run time 18 minutes.
Representative "normal" scan run time was 35 minutes
"Shortened" scan max calculated SAR using SAR drift: 1-g Avg. = 1.150mW/g; 10-g Avg. = 0.420mW/g
"Normal" scan max calculated SAR using SAR drift: 1-g Avg. = 1.391mW/g; 10-g Avg. = 0.504mW/g
(see part 1 of 3 section 9.0 run # JsT-Ab-071115-09)

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 5.44 mho/m; ε_r = 45.7; ρ = 1000 kg/m3

Above 3 GHz Ab Scan/8x8x8 Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 9.60 V/m; Power Drift = -0.0664 dB
Peak SAR (extrapolated) = 7.85 W/kg
SAR(1 g) = 1.99 mW/g; SAR(10 g) = 0.723 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 3.97 mW/g



Highest SAR Configurations Results

Motorola Government & Public Safety EME Laboratory

Date/Time: 11/15/2007 3:43:17 PM
Robot# / Run#: DASY4-FL-3 / JsT-Ab-071115-09
Phantom# / Tissue Temp.: 40302002A-S11 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS0062
Antenna / TX Freq.: Internal 0789971V37 / 5320 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / SKN6371C
Start Power: 0.068 (W)

Note all 5GHz DASY SAR results were corrected for deviations in permittivity and conductivity, using the algorithm given in Annex B.3 of draft standard IEEE 1528b and Annex F of draft standard IEC 62209-2. The use of this algorithm increases the accuracy of the SAR results.
Therefore;

SAR Calculated: 2.102 mW/g (1g); 0.761 mW/g (10g)

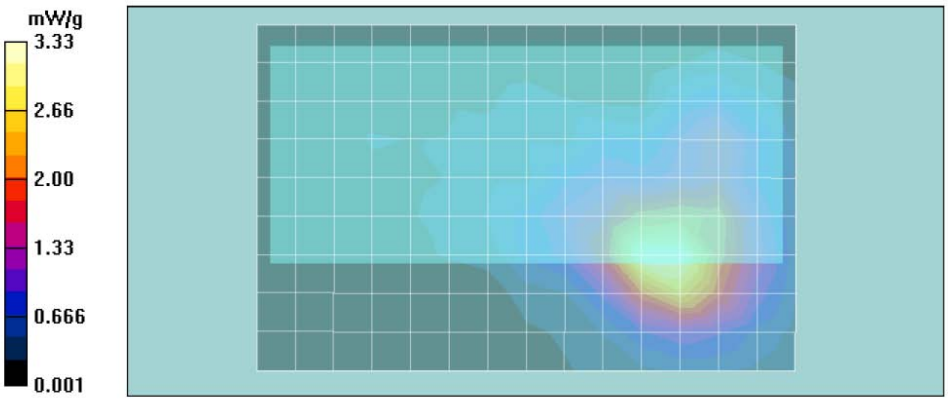
Comments: Full Scan, Back of radio against phantom

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 5.54 mho/m; ε_r = 47; ρ = 1000 kg/m3

Above 3 GHz Ab Scan/8x8x8 Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 13.7 V/m; Power Drift = -0.549 dB
Peak SAR (extrapolated) = 8.62 W/kg
SAR(1 g) = 2.14 mW/g; SAR(10 g) = 0.769 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 4.16 mW/g

Above 3 GHz Ab Scan/Area Scan (91x141x1): Measurement grid: dx=9mm, dy=9mm
Reference Value = 13.7 V/m; Power Drift = -0.549 dB
Motorola Fast SAR: SAR(1 g) = 4.83 mW/g; SAR(10 g) = 9.69 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (interpolated) = 3.58 mW/g

Above 3 GHz Ab Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 3.89 mW/g



Highest SAR Configurations Results

Motorola Government & Public Safety EME Laboratory

Date/Time: 11/15/2007 3:43:17 PM
Robot# / Run#: DASY4-FL-3 / JsT-Ab-071115-09
Phantom# / Tissue Temp.: 40302002A-S11 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS0062
Antenna / TX Freq.: Internal 0789971V37 / 5320 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / SKN6371C
Start Power: 0.068 (W)

Note all 5GHz DASY SAR results were corrected for deviations in permittivity and conductivity, using the algorithm given in Annex B.3 of draft standard IEEE 1528b and Annex F of draft standard IEC 62209-2. The use of this algorithm increases the accuracy of the SAR results.
Therefore;

SAR Calculated: 2.102 mW/g (1g); 0.761 mW/g (10g)

Comments: Full Scan, Back of radio against phantom

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.59, 4.59, 4.59)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 5.54 mho/m; ε_r = 47; ρ = 1000 kg/m3

Above 3 GHz Ab Scan/8x8x8 Zoom Scan (8x8x8)/Cube 0:

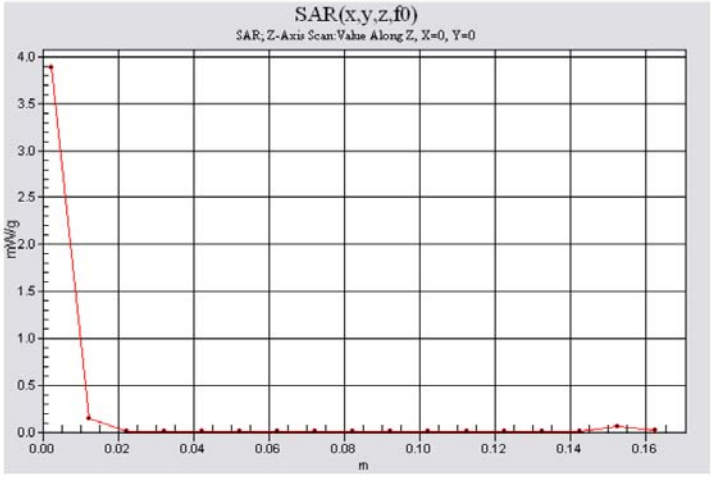
Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 13.7 V/m; Power Drift = -0.549 dB
Peak SAR (extrapolated) = 8.62 W/kg
SAR(1 g) = 2.14 mW/g; SAR(10 g) = 0.769 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 4.16 mW/g

Above 3 GHz Ab Scan/Area Scan (91x141x1):

Measurement grid: dx=9mm, dy=9mm
Reference Value = 13.7 V/m; Power Drift = -0.549 dB
Motorola Fast SAR: SAR(1 g) = 4.83 mW/g; SAR(10 g) = 9.69 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (interpolated) = 3.58 mW/g

Above 3 GHz Ab Scan/Z-Axis Scan (1x1x17):

Measurement grid: dx=20mm, dy=20mm, dz=10mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 3.89 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/10/2007 11:13:14 PM
Robot# / Run#: DASY4-FL- 3 / ErC-Face-071110-31
Phantom# / Tissue Temp.: SAMTP1208 / 20.5 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 5320 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: .069 (W)

Note all 5GHz DASY SAR results were corrected for deviations in permittivity and conductivity, using the algorithm given in Annex B.3 of draft standard IEEE 1528b and Annex F of draft standard IEC 62209-2. The use of this algorithm increases the accuracy of the SAR results.
Therefore;

SAR Calculated: .126 mW/g (1g); .055 mW/g (10g)

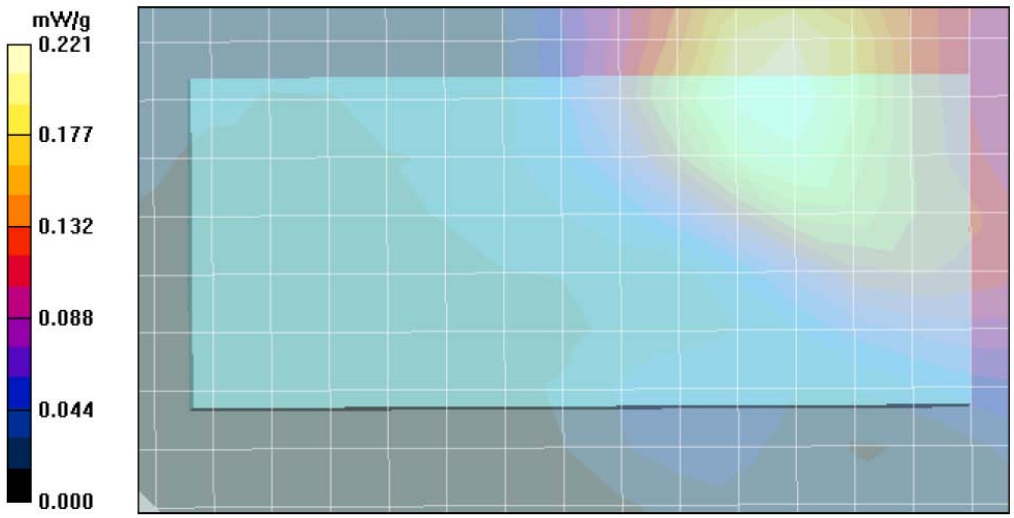
Comments: Full Scan

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(5.27, 5.27, 5.27)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.72 mho/m; ε_r = 35.1; ρ = 1000 kg/m3

Above 3 GHz Face Scan/8x8x8 Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.28 V/m; Power Drift = -0.188 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.0553 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 0.225 mW/g

Above 3 GHz Face Scan/Area Scan (11x18x1): Measurement grid: dx=9mm, dy=9mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 0.221 mW/g

Above 3 GHz Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 0.201 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/10/2007 11:13:14 PM
Robot# / Run#: DASY4-FL- 3 / ErC-Face-071110-31
Phantom# / Tissue Temp.: SAMTP1208 / 20.5 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 5320 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: .069 (W)

Note all 5GHz DASY SAR results were corrected for deviations in permittivity and conductivity, using the algorithm given in Annex B.3 of draft standard IEEE 1528b and Annex F of draft standard IEC 62209-2. The use of this algorithm increases the accuracy of the SAR results.
Therefore;

SAR Calculated: .126 mW/g (1g); .055 mW/g (10g)

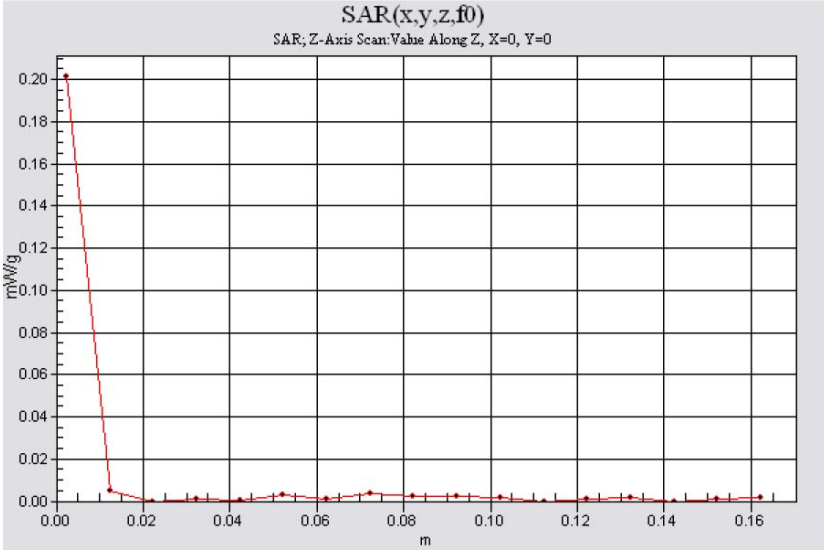
Comments: Full Scan

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(5.27, 5.27, 5.27)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5250 MHz; σ = 4.72 mho/m; ε_r = 35.1; ρ = 1000 kg/m3

Above 3 GHz Face Scan/8x8x8 Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.28 V/m; Power Drift = -0.188 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.0553 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 0.225 mW/g

Above 3 GHz Face Scan/Area Scan (11x18x1): Measurement grid: dx=9mm, dy=9mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 0.221 mW/g

Above 3 GHz Face Scan/Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 0.201 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/11/2007 3:04:44 AM
Robot# / Run#: DASY4-FL- 3 / ErC-REAR-071111-02
Phantom# / Tissue Temp.: SAMTP1208 / 20.6 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 5660 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: .073 (W)

Note all 5GHz DASY SAR results were corrected for deviations in permittivity and conductivity, using the algorithm given in Annex B.3 of draft standard IEEE 1528b and Annex F of draft standard IEC 62209-2. The use of this algorithm increases the accuracy of the SAR results.
Therefore;

SAR Calculated: .964 mW/g (1g); .344 mW/g (10g)

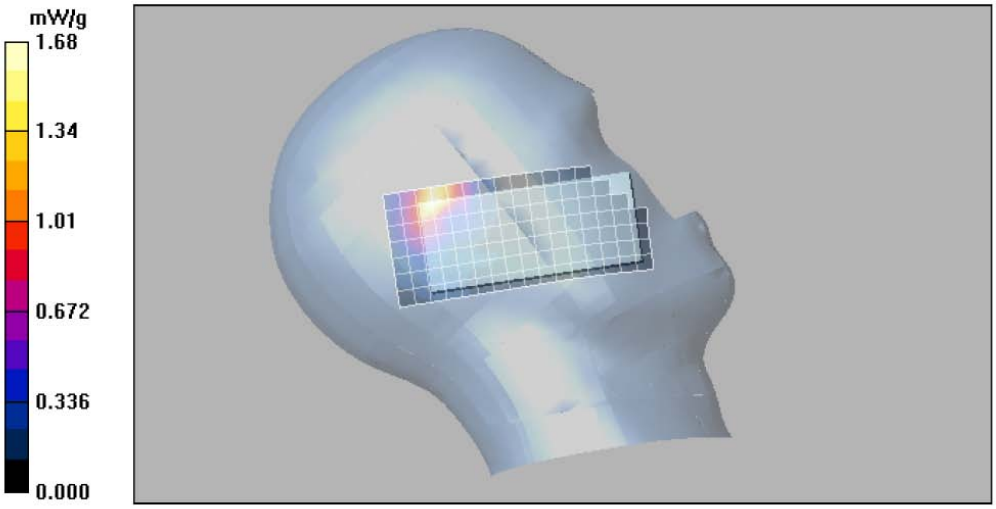
Comments: Full Scan

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.67, 4.67, 4.67)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5650 MHz; σ = 5.1 mho/m; ε_r = 34.1; ρ = 1000 kg/m^3

Right Ear-Touch position/8x8x8 Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.45 V/m; Power Drift = -0.262 dB
Peak SAR (extrapolated) = 3.83 W/kg
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.347 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 1.86 mW/g

Right Ear-Touch position/Area Scan (8x17x1): Measurement grid: dx=9mm, dy=9mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 1.68 mW/g

Right Ear-Touch position/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 1.92 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/11/2007 3:04:44 AM
Robot# / Run#: DASY4-FL- 3 / ErC-REAR-071111-02
Phantom# / Tissue Temp.: SAMTP1208 / 20.6 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 5660 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: .073 (W)

Note all 5GHz DASY SAR results were corrected for deviations in permittivity and conductivity, using the algorithm given in Annex B.3 of draft standard IEEE 1528b and Annex F of draft standard IEC 62209-2. The use of this algorithm increases the accuracy of the SAR results.
Therefore;

SAR Calculated: .964 mW/g (1g); .344 mW/g (10g)

Comments: Full Scan

Probe: EX3DV3 - SN3527, Calibrated: 5/17/2007, ConvF(4.67, 4.67, 4.67)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 5650 MHz; σ = 5.1 mho/m; ε_r = 34.1; ρ = 1000 kg/m3

Right Ear-Touch position/8x8x8 Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

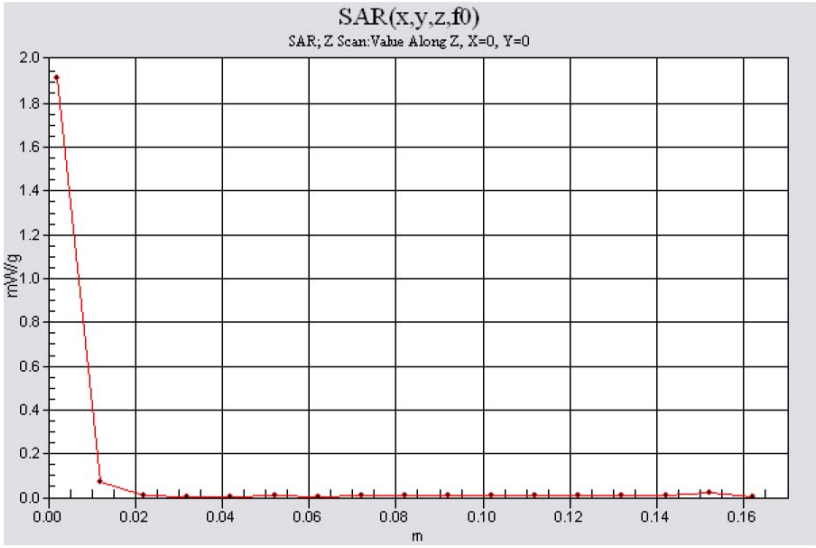
Reference Value = 6.45 V/m; Power Drift = -0.262 dB
Peak SAR (extrapolated) = 3.83 W/kg
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.347 mW/g
Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 1.86 mW/g

Right Ear-Touch position/Area Scan (8x17x1): Measurement grid: dx=9mm, dy=9mm

Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 1.68 mW/g

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

Warning: Probe out of calibration range.
Maximum value of SAR (measured) = 1.92 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/8/2007 7:22:35 PM
Robot# / Run#: DASY4-FL-3 / CM-Rear-071108-13
Phantom# / Tissue Temp.: SAMTP1209 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 2462.0000 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.078 (W)

Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 37.5; ρ = 1000 kg/m3

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

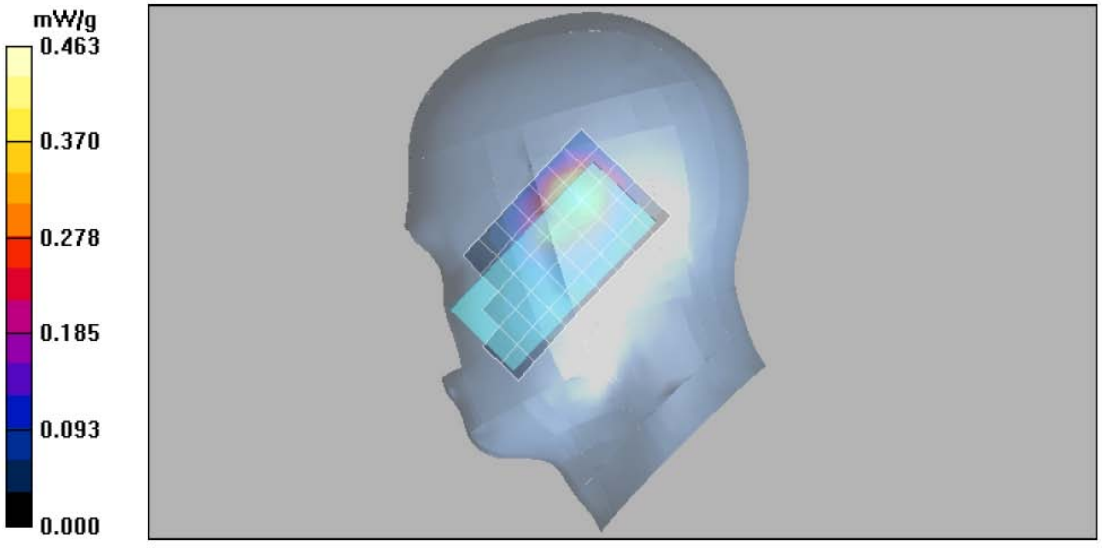
Reference Value = 12.0 V/m; Power Drift = 0.0693 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.518 mW/g

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

Reference Value = 12.0 V/m; Power Drift = 0.0693 dB
Motorola Fast SAR: SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (interpolated) = 0.487 mW/g

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

Maximum value of SAR (measured) = 0.527 mW/g



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/8/2007 7:22:35 PM
Robot# / Run#: DASY4-FL-3 / CM-Rear-071108-13
Phantom# / Tissue Temp.: SAMTP1209 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 2462.0000 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.078 (W)

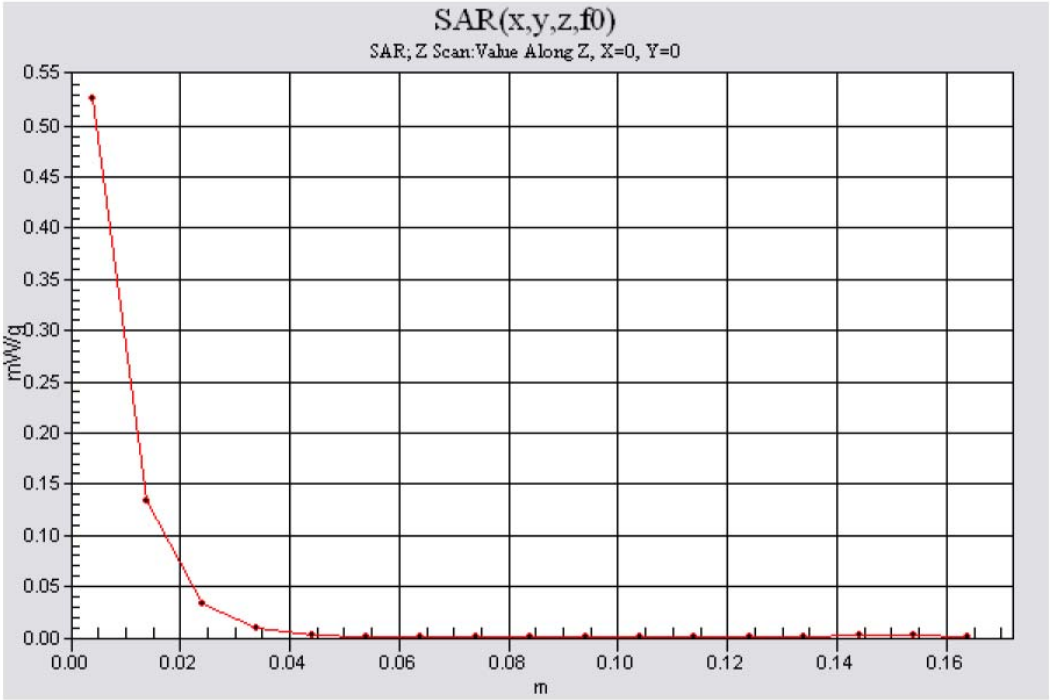
Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 37.5; ρ = 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 = 12.0 V/m; Power Drift = 0.0693 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.518 mW/g

Right Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.0 V/m; Power Drift = 0.0693 dB
Motorola Fast SAR: SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (interpolated) = 0.487 mW/g

Right Ear-Touch position/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.527 mW/g



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Date/Time: 11/8/2007 9:26:46 PM
Robot# / Run#: DASY4-FL-3 / CM-Face-071108-17
Phantom# / Tissue Temp.: SAMTP1209 / 20.9 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 2462.0000 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.079 (W)

Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 37.5; ρ = 1000 kg/m3

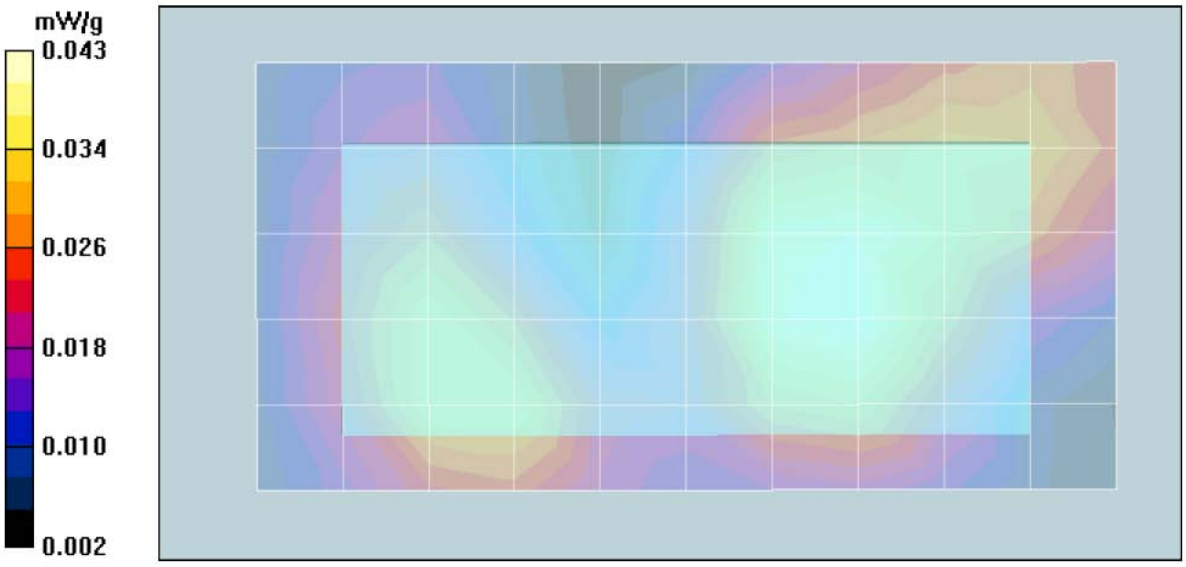
Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.99 V/m; Power Drift = 0.0973 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.0423 mW/g; SAR(10 g) = 0.0243 mW/g
Maximum value of SAR (measured) = 0.044 mW/g

Face Scan/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.99 V/m; Power Drift = 0.097 dB
Motorola Fast SAR: SAR(1 g) = 0.0422 mW/g; SAR(10 g) = 0.0232 mW/g
Maximum value of SAR (interpolated) = 0.046 mW/g

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



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Date/Time: 11/8/2007 9:26:46 PM
Robot# / Run#: DASY4-FL-3 / CM-Face-071108-17
Phantom# / Tissue Temp.: SAMTP1209 / 20.9 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 2462.0000 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.079 (W)

Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 37.5; ρ = 1000 kg/m3

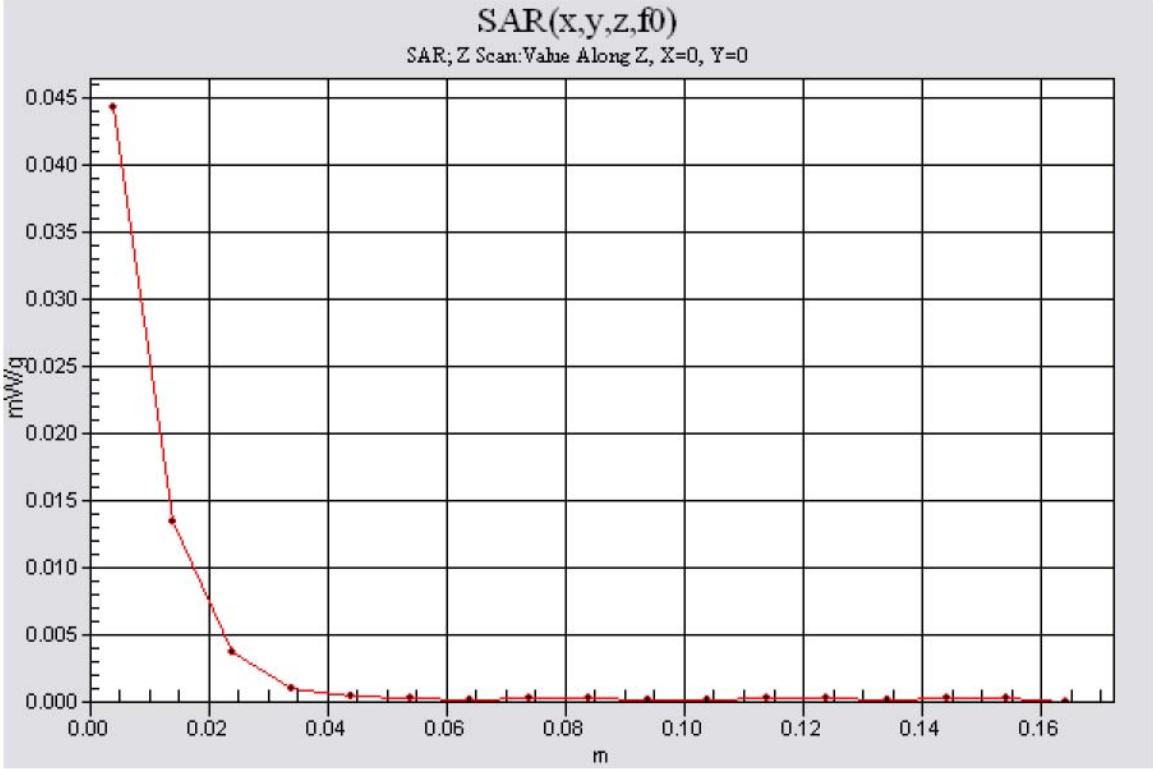
Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.99 V/m; Power Drift = 0.0973 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.0423 mW/g; SAR(10 g) = 0.0243 mW/g
Maximum value of SAR (measured) = 0.044 mW/g

Face Scan/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.99 V/m; Power Drift = 0.097 dB
Motorola Fast SAR: SAR(1 g) = 0.0422 mW/g; SAR(10 g) = 0.0232 mW/g
Maximum value of SAR (interpolated) = 0.046 mW/g

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/9/2007 8:40:48 PM
Robot# / Run#: DASY4-FL-3 / CM-Ab-071109-28
Phantom# / Tissue Temp.: 40302002B-S12 / 21.1 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 2437 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.082 (W)

Comments: Full Scan, Front of radio flush against phantom

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.08, 4.08, 4.08)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m3

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

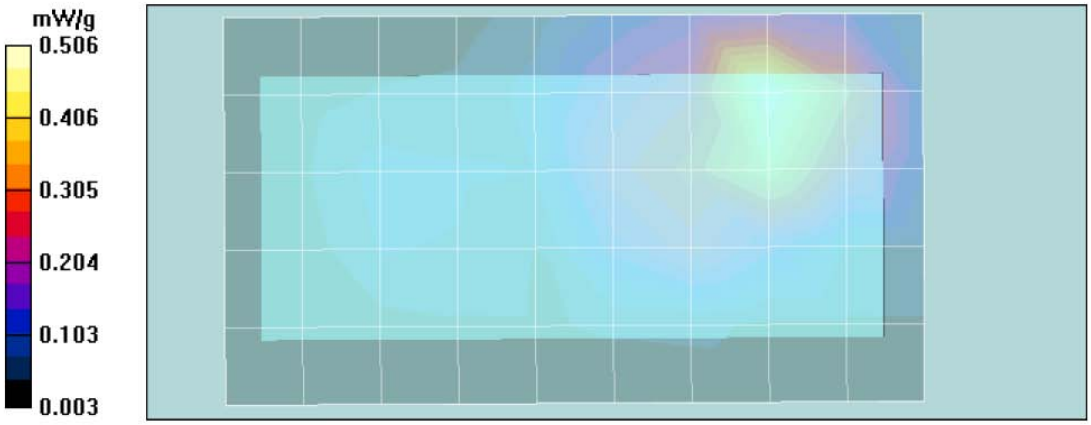
Reference Value = 12.8 V/m; Power Drift = 0.0248 dB
Peak SAR (extrapolated) = 0.987 W/kg
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.528 mW/g

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

Reference Value = 12.8 V/m; Power Drift = 0.028 dB
Motorola Fast SAR: SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (interpolated) = 0.538 mW/g

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

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/9/2007 8:40:48 PM
Robot# / Run#: DASY4-FL-3 / CM-Ab-071109-28
Phantom# / Tissue Temp.: 40302002B-S12 / 21.1 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V37 / 2437 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.082 (W)

Comments: Full Scan, Front of radio flush against phantom

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.08, 4.08, 4.08)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m3

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

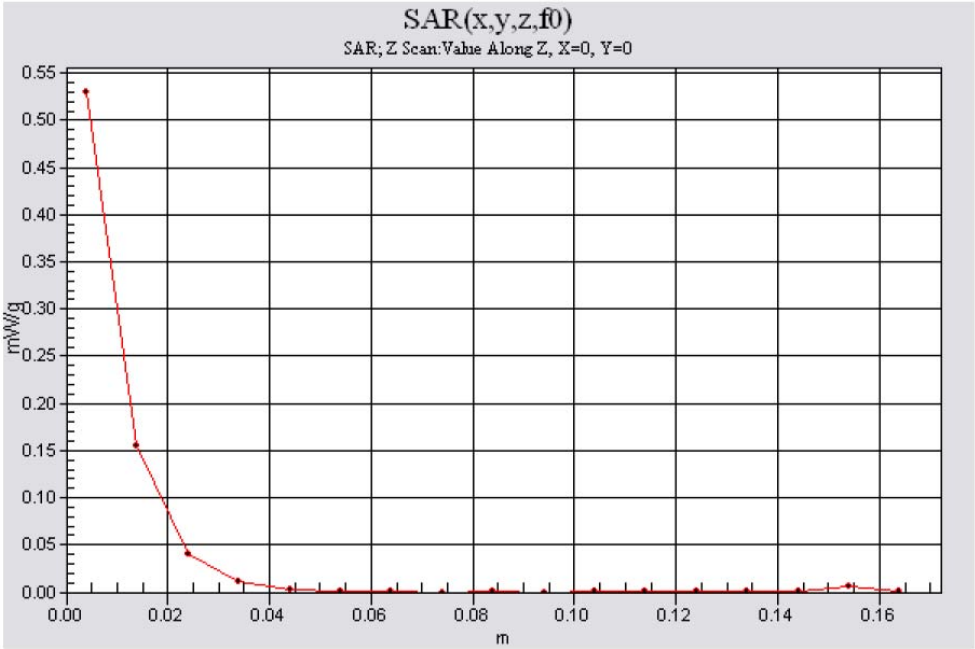
Reference Value = 12.8 V/m; Power Drift = 0.0248 dB
Peak SAR (extrapolated) = 0.987 W/kg
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.528 mW/g

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

Reference Value = 12.8 V/m; Power Drift = 0.028 dB
Motorola Fast SAR: SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (interpolated) = 0.538 mW/g

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

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/9/2007 11:25:10 AM
Robot# / Run#: DASY4-FL-3 / JsT-Rear-071109-08
Phantom# / Tissue Temp.: SAMTP1209 / 20.9 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V46 / 2480 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.00251 (W)

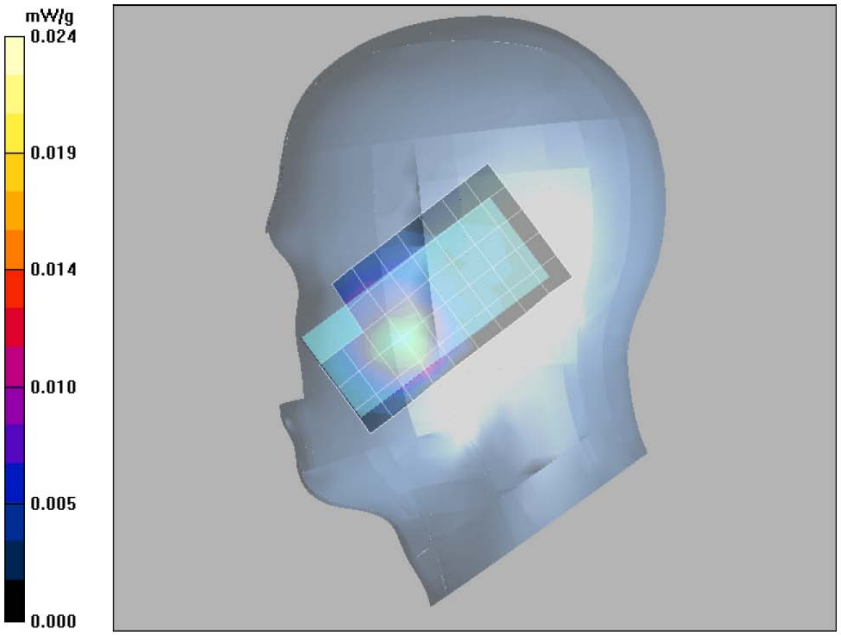
Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 1.84 mho/m; ε_r = 37.6; ρ = 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 = 3.43 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.041 W/kg
SAR(1 g) = 0.0236 mW/g; SAR(10 g) = 0.0129 mW/g
Maximum value of SAR (measured) = 0.026 mW/g

Right Ear-Touch position/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.43 V/m; Power Drift = -0.126 dB
Motorola Fast SAR: SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (interpolated) = 0.026 mW/g

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/9/2007 11:25:10 AM
Robot# / Run#: DASY4-FL-3 / JsT-Rear-071109-08
Phantom# / Tissue Temp.: SAMTP1209 / 20.9 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V46 / 2480 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.00251 (W)

Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 1.84 mho/m; ε_r = 37.6; ρ = 1000 kg/m^3

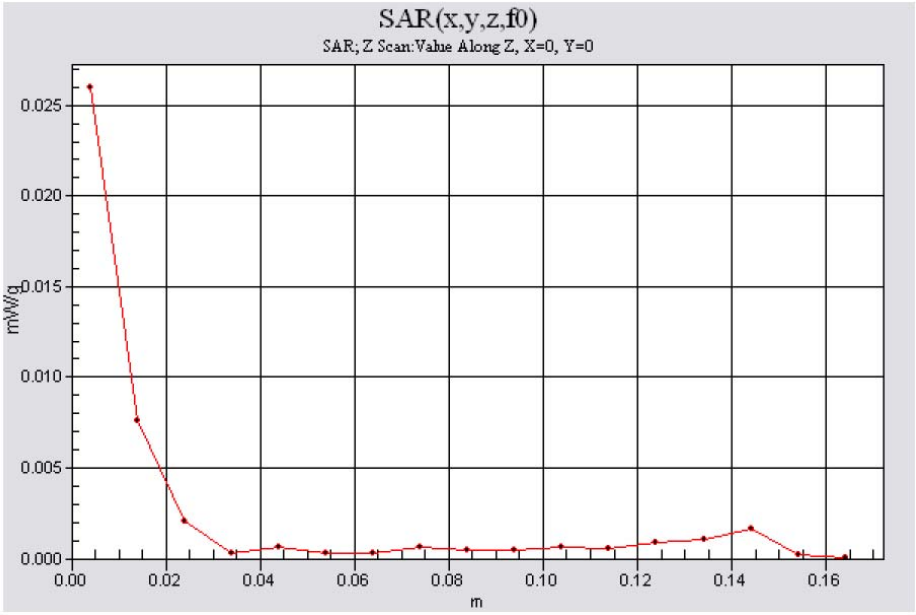
Right Ear-Touch position/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.43 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.041 W/kg
SAR(1 g) = 0.0236 mW/g; SAR(10 g) = 0.0129 mW/g
Maximum value of SAR (measured) = 0.026 mW/g

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

Reference Value = 3.43 V/m; Power Drift = -0.126 dB
Motorola Fast SAR: SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (interpolated) = 0.026 mW/g

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/9/2007 2:40:31 PM
Robot# / Run#: DASY4-FL-3 / JsT-Face-071109-13
Phantom# / Tissue Temp.: SAMTP1209 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V46 / 2480 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.00251 (W)

Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 1.84 mho/m; ε_r = 37.6; ρ = 1000 kg/m3

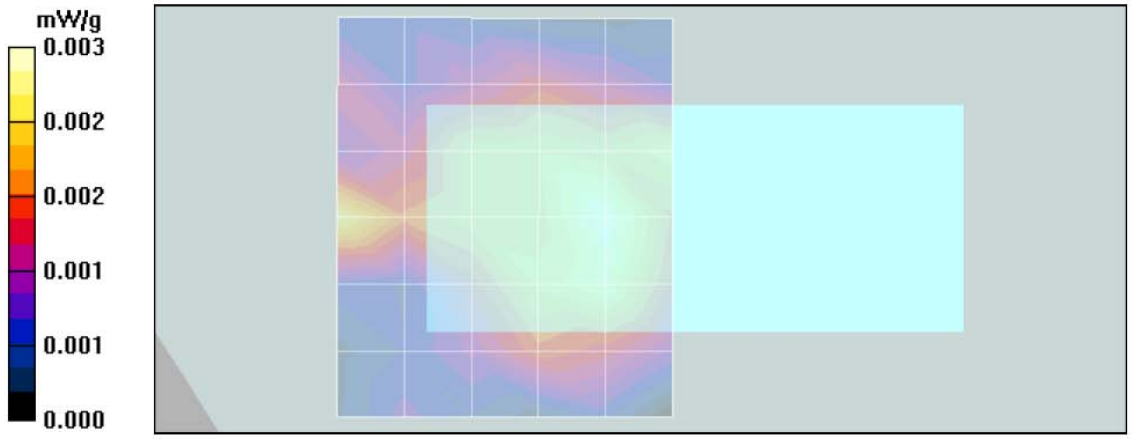
Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.34 V/m; Power Drift = -0.349 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00286 mW/g; SAR(10 g) = 0.00132 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Face Scan/Area Scan (61x51x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.34 V/m; Power Drift = -0.349 dB
Motorola Fast SAR: SAR(1 g) = 0.00251 mW/g; SAR(10 g) = 0.00135 mW/g
Maximum value of SAR (interpolated) = 0.003 mW/g

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



Note; A full area scan was first performed however the results present a "Max on boarder" for 10g therefore; the above reduced area scan was preformed over the RF "hot spot" in order to reduce the risk of another max on boarder.

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Date/Time: 11/9/2007 2:40:31 PM
Robot# / Run#: DASY4-FL-3 / JsT-Face-071109-13
Phantom# / Tissue Temp.: SAMTP1209 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V46 / 2480 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.00251 (W)

Comments: Full Scan

Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.5, 4.5, 4.5)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 1.84 mho/m; ε_r = 37.6; ρ = 1000 kg/m3

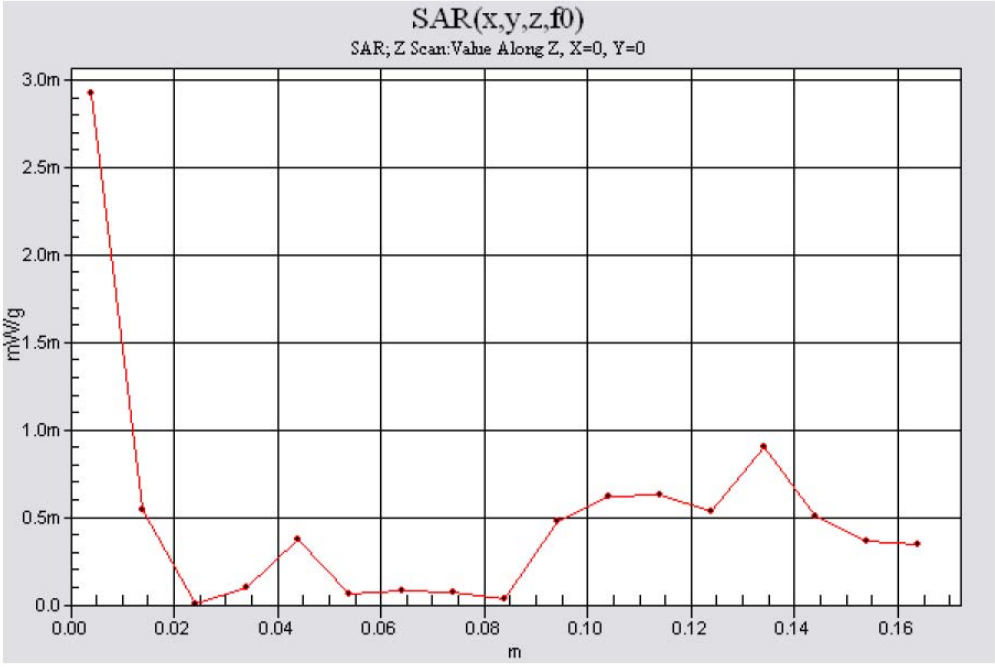
Face Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.34 V/m; Power Drift = -0.349 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00286 mW/g; SAR(10 g) = 0.00132 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Face Scan/Area Scan (61x51x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.34 V/m; Power Drift = -0.349 dB
Motorola Fast SAR: SAR(1 g) = 0.00251 mW/g; SAR(10 g) = 0.00135 mW/g
Maximum value of SAR (interpolated) = 0.003 mW/g

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



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Date/Time: 11/10/2007 3:07:32 AM
Robot# / Run#: DASY4-FL-3 / ErC-Ab-071110-11
Phantom# / Tissue Temp.: 40302002B-S12 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V46 / 2480 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.00251 (W)

Comments: Full Scan, Front of radio flush against phantom

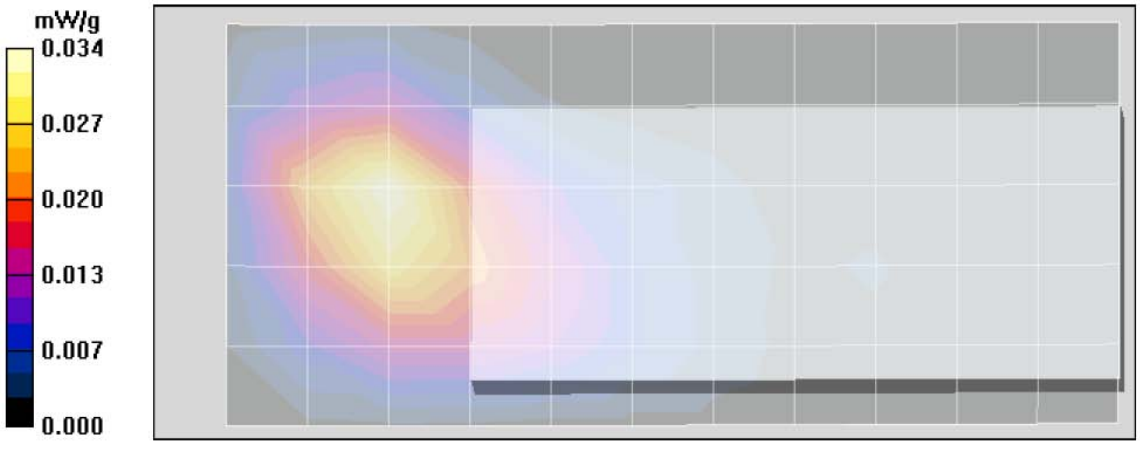
Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.08, 4.08, 4.08)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m3

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.52 V/m; Power Drift = -0.0649 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.0332 mW/g; SAR(10 g) = 0.0179 mW/g
Maximum value of SAR (measured) = 0.035 mW/g

Ab Scan/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.034 mW/g

Ab Scan/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.52 V/m; Power Drift = -0.065 dB
Motorola Fast SAR: SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (interpolated) = 0.037 mW/g

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



Motorola Government & Public Safety EME Laboratory

Date/Time: 11/10/2007 3:07:32 AM
Robot# / Run#: DASY4-FL-3 / ErC-Ab-071110-11
Phantom# / Tissue Temp.: 40302002B-S12 / 20.7 (C)
DUT Model# / Serial#: F2977A / 079SHS006C
Antenna / TX Freq.: Internal 0789971V46 / 2480 (MHz)
Battery: SNN5754A w/ 0189968V78
Carry Acc. / Cable Acc.: None / None
Start Power: 0.00251 (W)

Comments: Full Scan, Front of radio flush against phantom

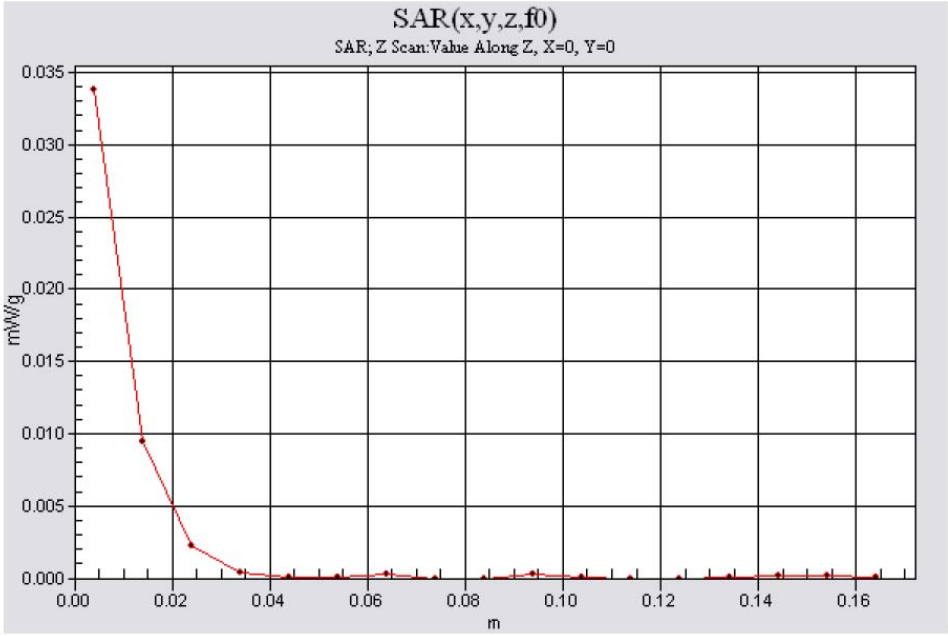
Probe: ET3DV6 - SN1393, Calibrated: 3/19/2007, ConvF(4.08, 4.08, 4.08)
Electronics: DAE3 Sn401, Calibrated: 8/28/2007
Duty Cycle: 1:1, Medium parameters used: f = 2441 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m3

Ab Scan/5x5x7 Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.52 V/m; Power Drift = -0.0649 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.0332 mW/g; SAR(10 g) = 0.0179 mW/g
Maximum value of SAR (measured) = 0.035 mW/g

Ab Scan/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.034 mW/g

Ab Scan/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.52 V/m; Power Drift = -0.065 dB
Motorola Fast SAR: SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (interpolated) = 0.037 mW/g

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

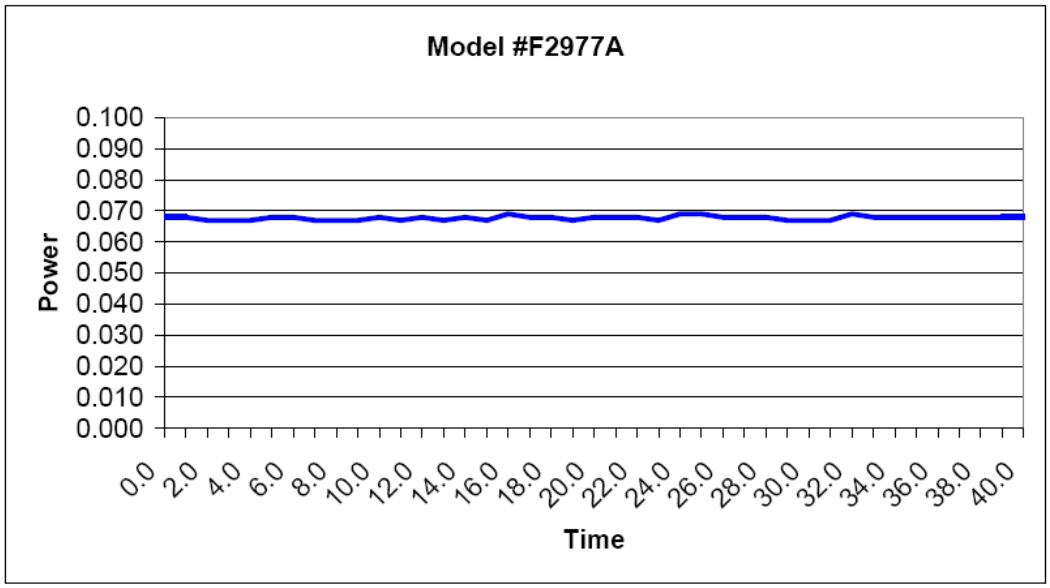


APPENDIX F
DUT Supplementary Data (Power slump)

Model #F2977A
Serial #079SHS0062

Battery	SNN5754A	**Transmit Mode**	CW (802.11a)
Frequency	5320 MHz	**Audio Accessory**	SKN6371C
Date	11/16/2007		

TX TIME (Minutes)	Meaured Power (Watts)
0.0	0.068
1.0	0.068
2.0	0.067
3.0	0.067
4.0	0.067
5.0	0.068
6.0	0.068
7.0	0.067
8.0	0.067
9.0	0.067
10.0	0.068
11.0	0.067
12.0	0.068
13.0	0.067
14.0	0.068
15.0	0.067
16.0	0.069
17.0	0.068
18.0	0.068
19.0	0.067
20.0	0.068
21.0	0.068
22.0	0.068
23.0	0.067
24.0	0.069
25.0	0.069
26.0	0.068
27.0	0.068
28.0	0.068
29.0	0.067
30.0	0.067
31.0	0.067
32.0	0.069
33.0	0.068
34.0	0.068
35.0	0.068
36.0	0.068
37.0	0.068
38.0	0.068
39.0	0.068
40.0	0.068



Appendix G
DUT Test Position Photos

Photos are available in Exhibit 11B

Appendix H
DUT Photos

The sample that was used in the following photos represents the product used to obtain the results presented herein.

Photos are available in Exhibit 11B

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 accessory(ies):

Audio Acc. Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
NNTN5006BP	Yes	NA	NA
NNTN5004BP	No	NA	Similar to NNTN5005BP
SYN1301B	No	NA	Similar to SYN0896B
NNTN5774C	Yes	NA	NA
SYN0896B	Yes	NA	NA
NNTN5689A	Yes	NA	NA
NNTN5211A	Yes	NA	NA
NNTN5005BP	Yes	NA	NA

Data cable Models	Tested ?	Separation distances between DUT antenna and phantom surface. (mm)	Comments
SKN6371C	Yes	NA	NA
SKN6222A	Yes	NA	NA