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|  <b>MOTOROLA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <br>Certificate Number: 1449-01                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |
| <p align="center"><b>FCC ID: AZ489FT5846</b></p> <p align="center"><b>DECLARATION OF COMPLIANCE SAR ASSESSMENT Part 2 of 3</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |
| <p align="center"><b>Government &amp; Enterprise Mobility Solutions</b><br/> <b>EME Test Laboratory</b><br/> 8000 West Sunrise Blvd<br/> Fort Lauderdale, FL. 33322</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>Date of Report:</b> August 5, 2005<br/> <b>Report Revision:</b> Rev. O<br/> <b>Report ID:</b> FCC rpt_i870_Rev O_050805<br/> SR2563</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |
| <table border="0"> <tr> <td style="vertical-align: top;"> <p><b>Responsible Engineer:</b> Kim Uong (EME lead Eng.)<br/> <b>Date/s Tested:</b> 7/22/05 – 8/1/05<br/> <b>Manufacturer/Location:</b> Motorola - Plantation<br/> <b>Sector/Group/Div.:</b> iDEN Subscriber<br/> <b>Date submitted for test:</b> 7/14/05<br/> <b>DUT Description:</b> i870; TDMA: 236:310 (76.1%), 1:6, 2:6, 81:120, 1:12; 64QAM, 16 QAM &amp; QPSK Modulation; 0.6W Pulse Avg. MOTotalk (114:120 8FSK; 0.85 W nominal); GPS and Bluetooth capable<br/><br/> <b>Test TX mode(s):</b> 1:3, 1:6, 81:120, 114:120, 236:310<br/> <b>Max. Power output:</b> iDEN/WiDEN - 0.640W; MOTotalk – 0.891W, Bluetooth – 2.5mW<br/> <b>Nominal Power:</b> iDEN/WiDEN - 0.600W; MOTotalk – 0.850W, Bluetooth – 1mW<br/> <b>Tx Frequency Bands:</b> iDEN - 806-825, 896-902MHz; MOTotalk - 902-928MHz; BT - 2.402-2.480GHz<br/> <b>Signaling type:</b> TDMA: iDEN; WiDEN; MOTotalk; Bluetooth<br/> <b>Model(s) Tested:</b> H85XAH6RR5AN-NWF1089A<br/> <b>Model(s) Certified:</b> H85XAH6RR5AN-NWF1089A<br/> <b>Serial Number(s):</b> 000AFJ00J2; 000AFJ00HZ<br/> <b>Classification:</b> General Population/Uncontrolled<br/> <b>Rule Part(s):</b> 15 &amp; 90</p> </td> <td style="vertical-align: top; text-align: center;">  </td> </tr> </table> <p><b>Approved Accessories:</b><br/> <b>Antenna(s):</b> 8575108A01 retractable ¼ wave antenna (806-825MHz, -7.6 dBi to -4.7dBi; 896-902MHz, -9.2dBi to -5.2dBi; 902-928Mhz, -9.2dBi to -5.2dBi)<br/> <b>Battery(ies):</b> SNN5705C (Hi performance Li Ion); NNTN2291XXXXA (Battery cover)<br/> <b>Body worn accessory(ies):</b> NNTN4747A (Belt clip); NNTN6231A (Carry Holster)<br/> <b>Audio/Data cable accessory(ies):</b> NSN6066A (Light duty RSM), NNTN5004A (headset over ear), NNTN5005A (headset over head), SYN8390B (Privacy earpiece), SYN8146C (Lightweight headset w/ boom mic), NTN8496A (Lightweight headset w/ mic), NNTN4033A (Privacy Earpiece/mic w/ PTT), NNTN5006A (Black Earbud), SYN7875C (Hearing Aid Neckloop), NTN8513B (Lightweight headband), NNTN5330A (Ear bud accessory), NNTN4620A (Silver ear bud), NNTN5774A (Stereo Head set); NKN6559A (USB Cable), NKN6560A (RS232), NNTN5405A (USB cable w/ charging), NNTN5406A (RS-232 data cable w/ charging)</p> <p align="center"><b>Max. Calc. 1-g/10-g Avg. SAR: 1.32/0.92 mW/g (Body)</b><br/> <b>Max. Calc. 1-g/10-g Avg. SAR: 0.52/0.37 mW/g (Face)</b><br/> <b>Max. Calc. 1-g/10-g Avg. SAR: 0.59/0.40 mW/g (Head)</b></p> |                                                                                                                                               | <p><b>Responsible Engineer:</b> Kim Uong (EME lead Eng.)<br/> <b>Date/s Tested:</b> 7/22/05 – 8/1/05<br/> <b>Manufacturer/Location:</b> Motorola - Plantation<br/> <b>Sector/Group/Div.:</b> iDEN Subscriber<br/> <b>Date submitted for test:</b> 7/14/05<br/> <b>DUT Description:</b> i870; TDMA: 236:310 (76.1%), 1:6, 2:6, 81:120, 1:12; 64QAM, 16 QAM &amp; QPSK Modulation; 0.6W Pulse Avg. MOTotalk (114:120 8FSK; 0.85 W nominal); GPS and Bluetooth capable<br/><br/> <b>Test TX mode(s):</b> 1:3, 1:6, 81:120, 114:120, 236:310<br/> <b>Max. Power output:</b> iDEN/WiDEN - 0.640W; MOTotalk – 0.891W, Bluetooth – 2.5mW<br/> <b>Nominal Power:</b> iDEN/WiDEN - 0.600W; MOTotalk – 0.850W, Bluetooth – 1mW<br/> <b>Tx Frequency Bands:</b> iDEN - 806-825, 896-902MHz; MOTotalk - 902-928MHz; BT - 2.402-2.480GHz<br/> <b>Signaling type:</b> TDMA: iDEN; WiDEN; MOTotalk; Bluetooth<br/> <b>Model(s) Tested:</b> H85XAH6RR5AN-NWF1089A<br/> <b>Model(s) Certified:</b> H85XAH6RR5AN-NWF1089A<br/> <b>Serial Number(s):</b> 000AFJ00J2; 000AFJ00HZ<br/> <b>Classification:</b> General Population/Uncontrolled<br/> <b>Rule Part(s):</b> 15 &amp; 90</p> |  |
| <p><b>Responsible Engineer:</b> Kim Uong (EME lead Eng.)<br/> <b>Date/s Tested:</b> 7/22/05 – 8/1/05<br/> <b>Manufacturer/Location:</b> Motorola - Plantation<br/> <b>Sector/Group/Div.:</b> iDEN Subscriber<br/> <b>Date submitted for test:</b> 7/14/05<br/> <b>DUT Description:</b> i870; TDMA: 236:310 (76.1%), 1:6, 2:6, 81:120, 1:12; 64QAM, 16 QAM &amp; QPSK Modulation; 0.6W Pulse Avg. MOTotalk (114:120 8FSK; 0.85 W nominal); GPS and Bluetooth capable<br/><br/> <b>Test TX mode(s):</b> 1:3, 1:6, 81:120, 114:120, 236:310<br/> <b>Max. Power output:</b> iDEN/WiDEN - 0.640W; MOTotalk – 0.891W, Bluetooth – 2.5mW<br/> <b>Nominal Power:</b> iDEN/WiDEN - 0.600W; MOTotalk – 0.850W, Bluetooth – 1mW<br/> <b>Tx Frequency Bands:</b> iDEN - 806-825, 896-902MHz; MOTotalk - 902-928MHz; BT - 2.402-2.480GHz<br/> <b>Signaling type:</b> TDMA: iDEN; WiDEN; MOTotalk; Bluetooth<br/> <b>Model(s) Tested:</b> H85XAH6RR5AN-NWF1089A<br/> <b>Model(s) Certified:</b> H85XAH6RR5AN-NWF1089A<br/> <b>Serial Number(s):</b> 000AFJ00J2; 000AFJ00HZ<br/> <b>Classification:</b> General Population/Uncontrolled<br/> <b>Rule Part(s):</b> 15 &amp; 90</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |
| <p>Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 2.0 of this report. This report shall not be reproduced without written approval from an officially designated representative of the Motorola EME Laboratory.</p> <p>This reporting format is consistent with the test report guidelines of the TIA TSB-150 December 2004<br/> The results and statements contained in this report pertain only to the device(s) evaluated.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |
| <p align="center"><u>Kem Enger's signature on file</u><br/> <b>Ken Enger GEMS EME Lab Senior Resource Manager,</b><br/> <b>Laboratory Director,</b></p> <p align="center"><b>Approval Date: 8/5/05</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p align="center"><b>Certification Date: 8/5/05</b></p> <p align="center"><b>Certification No.: L1050813P</b></p>                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |

## **Appendix E**

### **DUT Scans (Shortened scans & Highest SAR configurations)**

## Shortened Scan Results

### Motorola GEMS EME Laboratory

FCC ID: AZ489FT5846; Test Date:

Run #: ErC Ab 050729-13

Sim Temp: 20.4 C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: IN TX Freq: 813.5125 MHz

Battery: SNN5705C Start power: .609 W

Carry acc.: NNTN6231A Audio/Data acc.: NONE

### DUT with carry accessory against the phantom

Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.19, 6.19, 6.19)

Duty Cycle: 1:1.31, Medium: 813 MHz FCC Body, Medium parameters used:  $\sigma = 0.97$  mho/m,  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

**Ab Scan/Zoom Scan (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm

Reference Value = 36.4 V/m; Power Drift = 0.084 dB

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.860 mW/g**

**Comments: Short Scan at the body w/ body worn accessory against phantom**

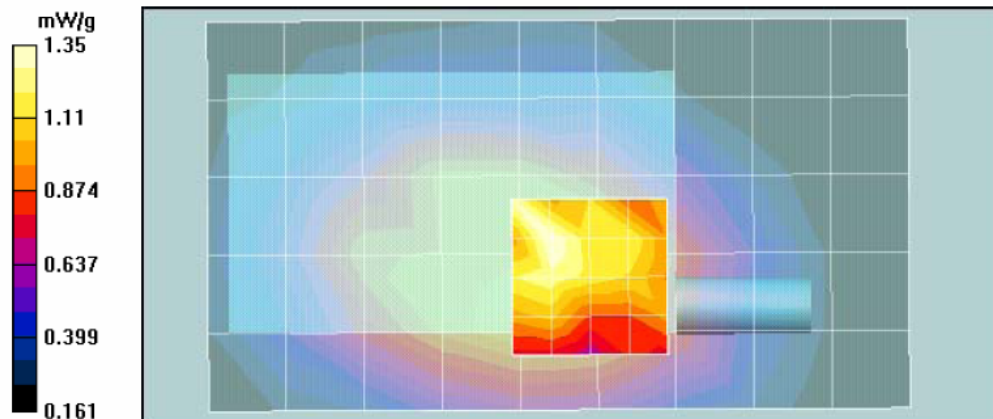
Shortened scan reflect highest S.A.R. producing configuration; Run time 8 minutes.

Representative “normal” scan run time was 21 minutes

“Shortened” scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 1.27mW/g; 10-g Avg. = 0.90mW/g

“Normal” scan max calculated S.A.R. using S.A.R. drift: 1-g Avg. = 1.32mW/g; 10-g Avg. = 0.92mW/g

(see part 1 of 2 section 9.0 run # ErC-Ab-050728-16)



## Highest SAR Configurations Results

### Motorola GEMS EME Laboratory

FCC ID: AZ489FT5846; Test Date: 7/25/05

Run #: ErC Rear 050725-02

Sim Temp: 20.1 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: IN TX Freq: 813.5125 MHz

Battery: SNN5705C Start power: .631 W

Carry acc.: NONE Audio/Data acc.: NONE

### DUT in cheek touch position

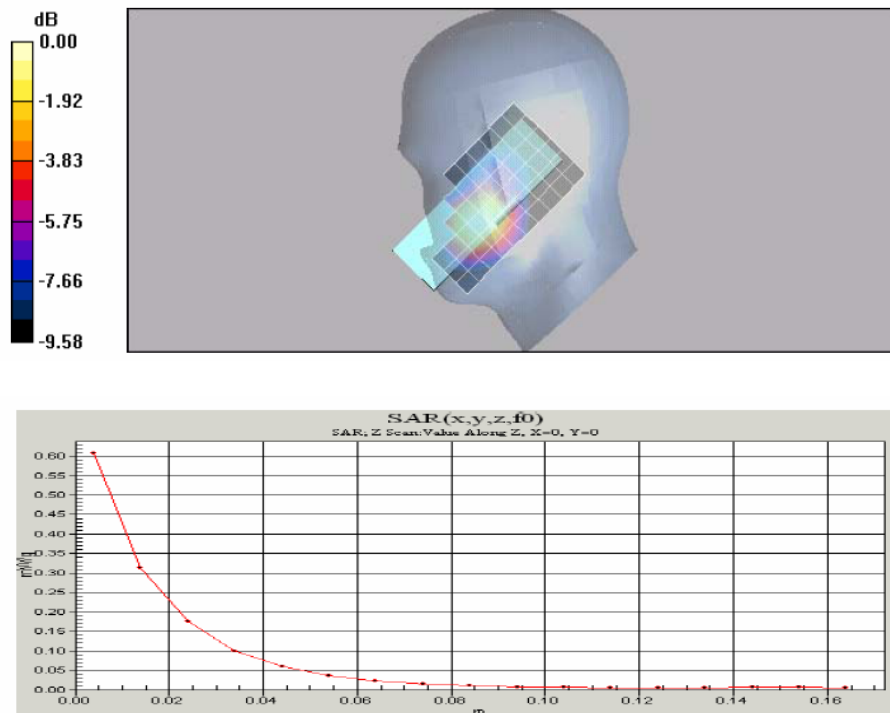
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:3, Medium: 813 IEEE Head, Medium parameters used:  $\sigma = 0.93$  mho/m,  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

**Right Ear - Touch position/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 26.3 V/m; Power Drift = -0.0347 dB

**SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.392 mW/g**



**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/25/05**

Run #: ErC Rear 050725-03

Sim Temp: 20.1 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: IN TX Freq: 813.5125 MHz

Battery: SNN5705C Start power: .633 W

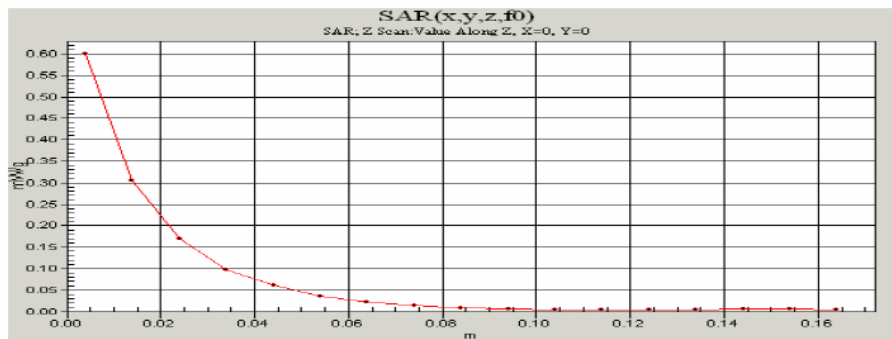
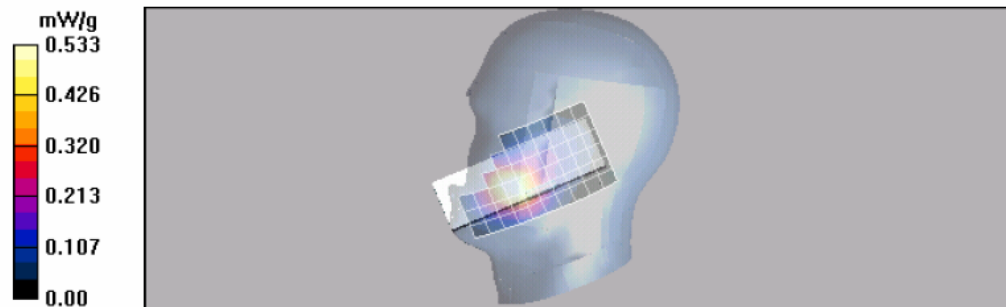
Carry acc.: NONE Audio/Data acc.: NONE

**DUT in cheek touch position with BLUETOOTH on**

Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:3, Medium: 813 IEEE Head, Medium parameters used:  $\sigma = 0.93$  mho/m,  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

**Right Ear - Touch position/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 26.1 V/m; Power Drift = -0.0224 dB**SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.385 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/25/05**

Run #: ErC Rear 050725-04

Sim Temp: 20.1 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: OUT TX Freq: 901.98125 MHz

Battery: SNN5705C Start power: .632 W

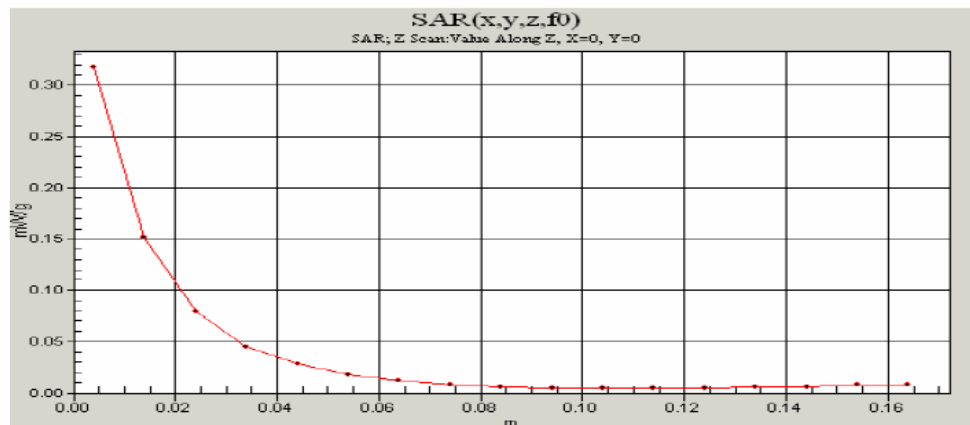
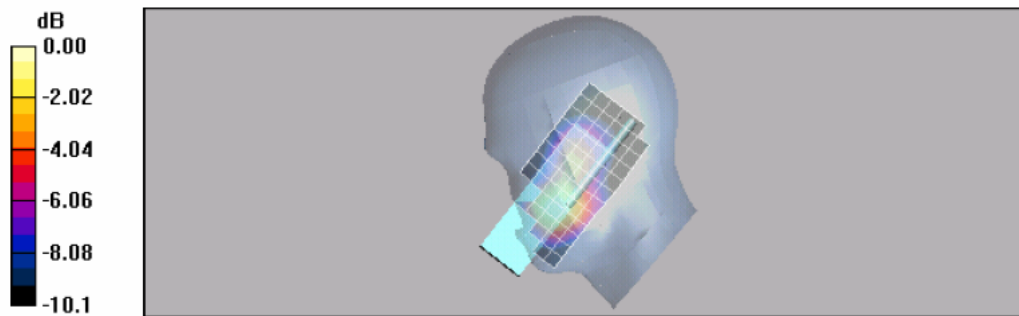
Carry acc.: NONE Audio/Data acc.: NONE

**DUT in cheek touch position**

Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:3, Medium: 899 IEEE Head, Medium parameters used:  $\sigma = 1.01$  mho/m,  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

**Right Ear - Touch position/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 18.5 V/m; Power Drift = -0.0339 dB**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.203 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/25/05**

Run #: ErC Rear 050725-05

Sim Temp: 20.1 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: OUT TX Freq: 901.98125 MHz

Battery: SNN5705C Start power: .634 W

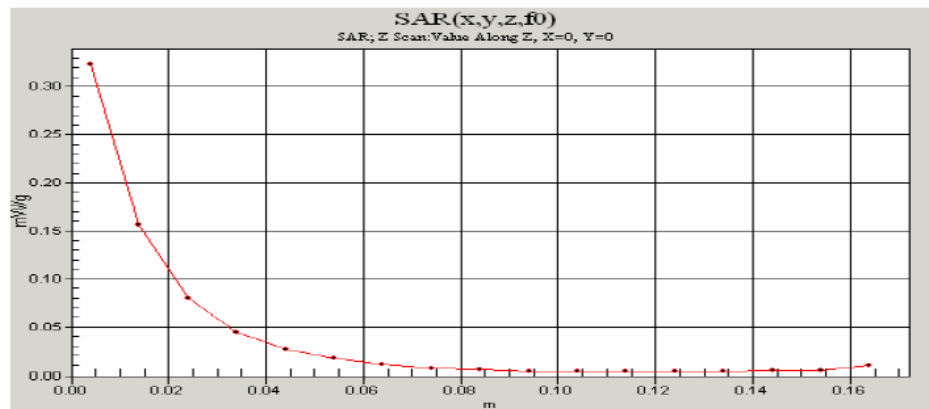
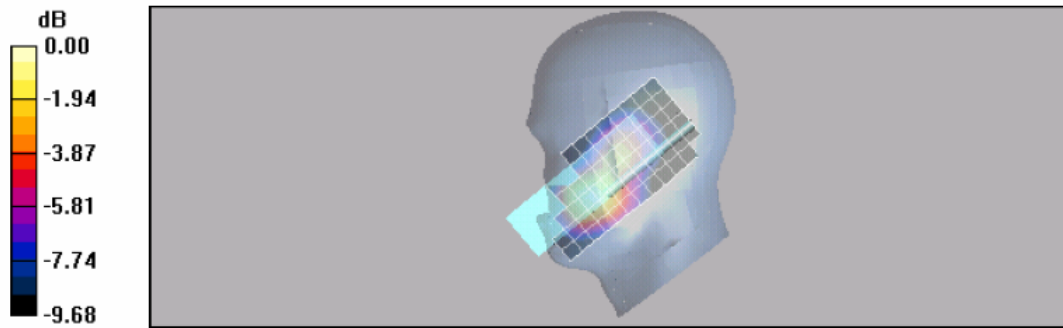
Carry acc.: NONE Audio/Data acc.: NONE

**DUT in cheek touch position with BLUETOOTH on**

Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:3, Medium: 899 IEEE Head, Medium parameters used:  $\sigma = 1.01$  mho/m,  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

**Right Ear - Touch position/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 18.4 V/m; Power Drift = 0.0167 dB**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.201 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/25/05**

Run #: ErC Face 050725-07

Sim Temp: 20.1 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: OUT TX Freq: 902.525 MHz

Battery: SNN5705C Start power: .852 W

Carry acc.: NONE Audio/Data acc.: NONE

**DUT with front housing separated 2.5cm from the phantom**

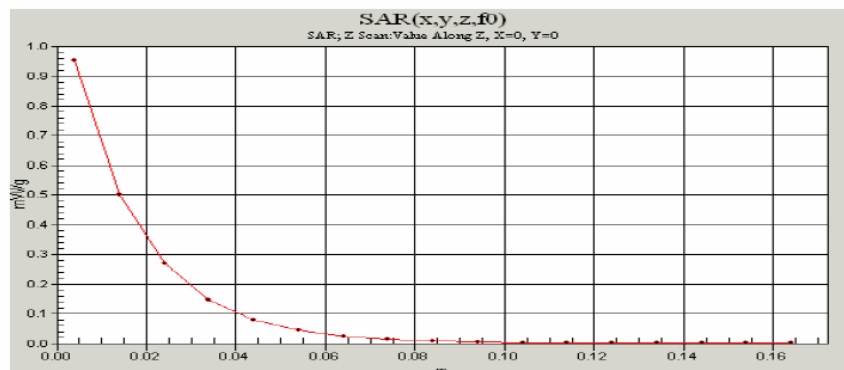
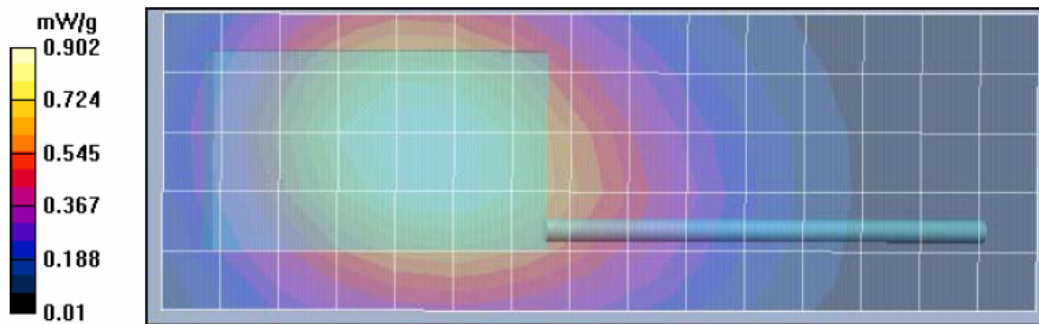
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:1.05, Medium: 915 IEEE Head, Medium parameters used:  $\sigma = 1.02$  mho/m,  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

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

Reference Value = 22.4 V/m; Power Drift = 0.432 dB

**SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.616 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/25/05**

Run #: ErC Face 050725-08

Sim Temp: 20.1 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: OUT TX Freq: 902.525 MHz

Battery: SNN5705C Start power: .854 W

Carry acc.: NONE Audio/Data acc.: NONE

**DUT with front housing separated 2.5cm from the phantom with BLUETOOTH on**

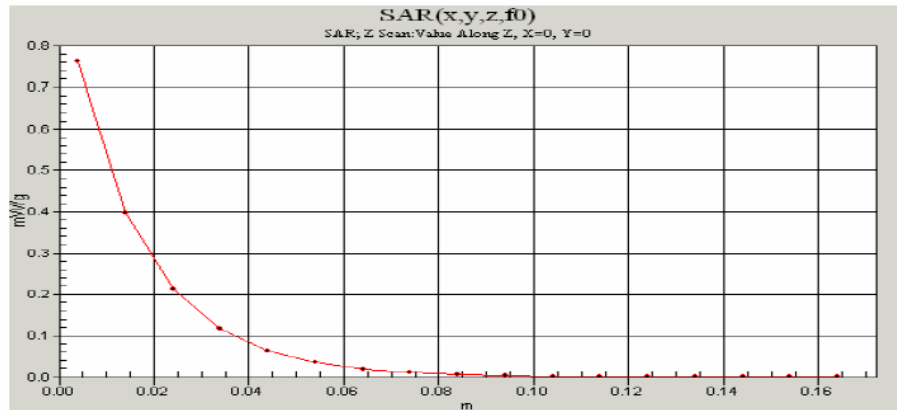
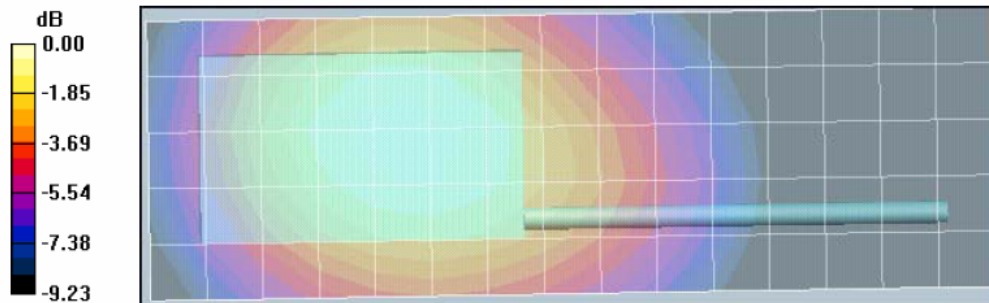
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:1.05, Medium: 915 IEEE Head, Medium parameters used:  $\sigma = 1.02$  mho/m,  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

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

Reference Value = 22.6 V/m; Power Drift = -0.542 dB

**SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.631 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/24/05**

Run #: ErC Face 050724-07

Sim Temp: 20.8 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00HZ

Antenna: OUT TX Freq: 902.525 MHz

Battery: SNN5705C Start power: .840 W

Carry acc.: NONE Audio/Data acc.: NONE

**DUT with front housing separated 2.5cm from the phantom**

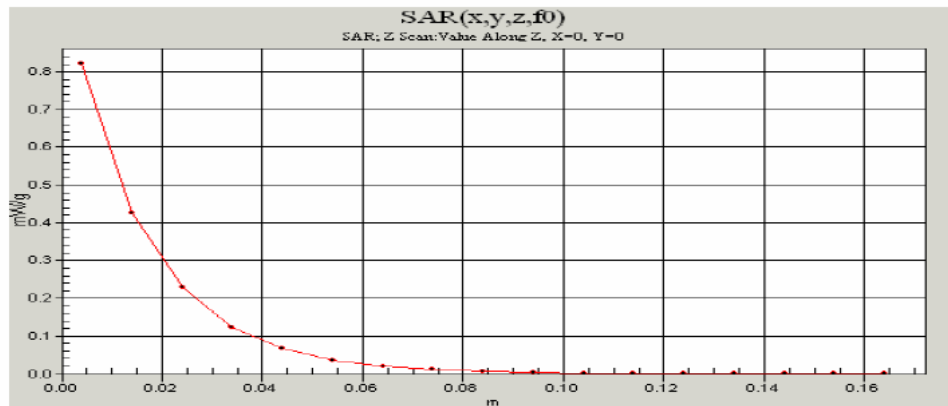
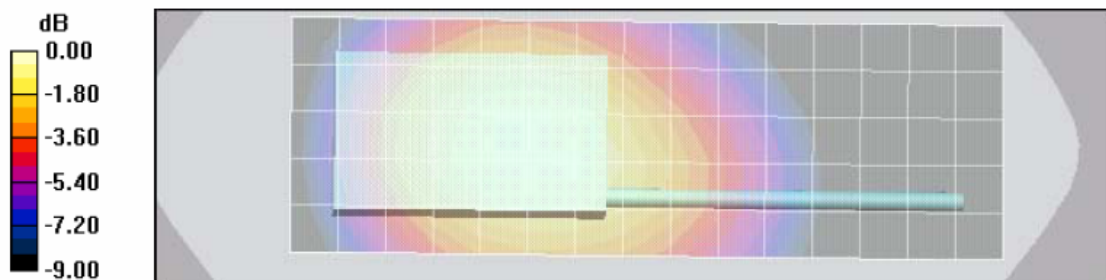
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:1.05, Medium: 915 IEEE Head, Medium parameters used:  $\sigma = 1.02$  mho/m,  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

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

Reference Value = 25.5 V/m; Power Drift = -0.292 dB

**SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.618 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/24/05**

Run #: ErC Face 050724-08

Sim Temp: 20.8 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00HZ

Antenna: OUT TX Freq: 902.525 MHz

Battery: SNN5705C Start power: .843 W

Carry acc.: NONE Audio/Data acc.: NONE

**DUT with front housing separated 2.5cm from the phantom with BLUETOOTH on**

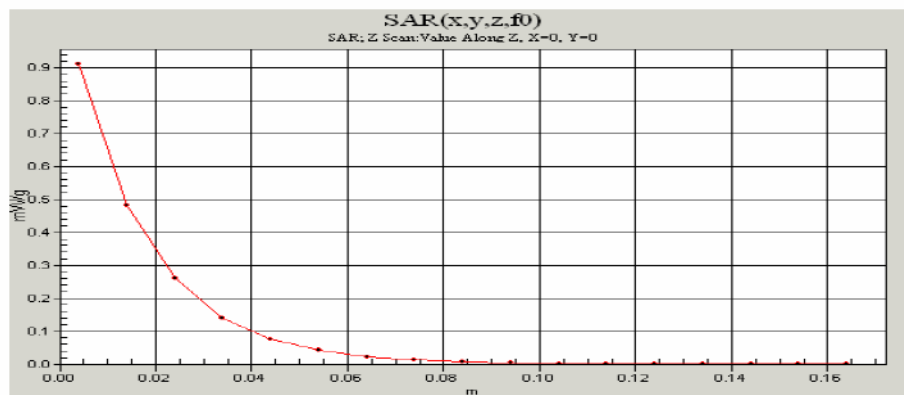
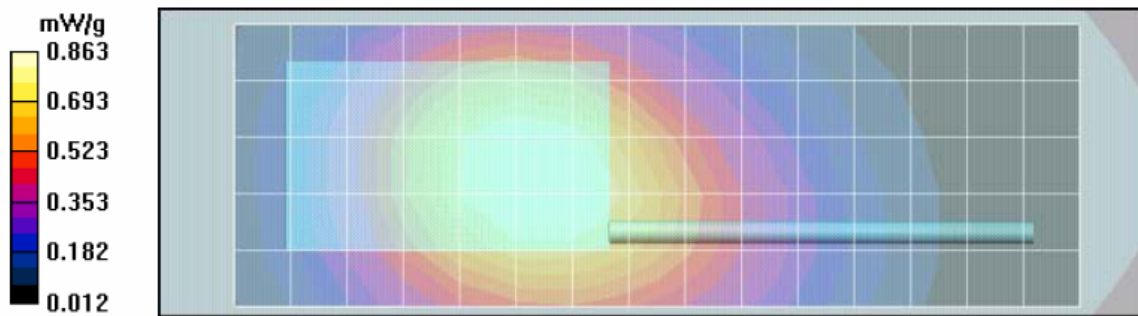
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:1.05, Medium: 915 IEEE Head, Medium parameters used:  $\sigma = 1.02$  mho/m,  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

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

Reference Value = 26.0 V/m; Power Drift = 0.269 dB

**SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.624 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/24/05**

Run #: ErC Face 050724-19

Sim Temp: 20.7 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: IN TX Freq: 806.0125 MHz

Battery: SNN5705C Start power: .638 W

Carry acc.: NONE Audio/Data acc.: NONE

**DUT with front housing separated 2.5cm from the phantom**

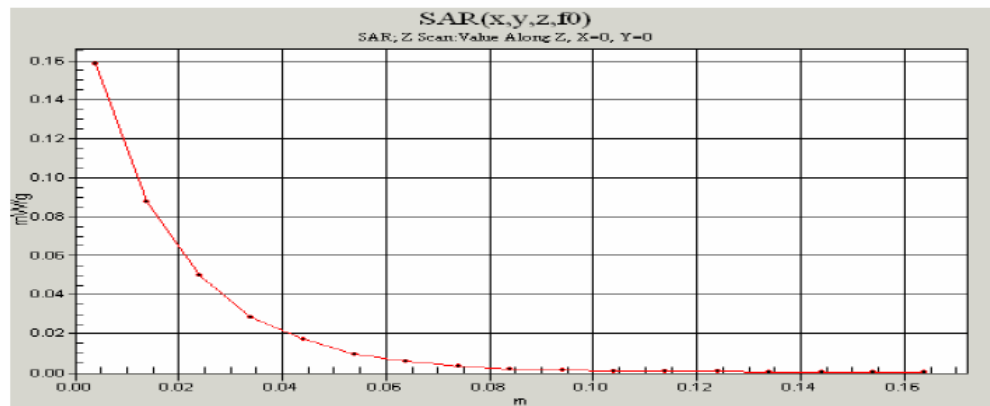
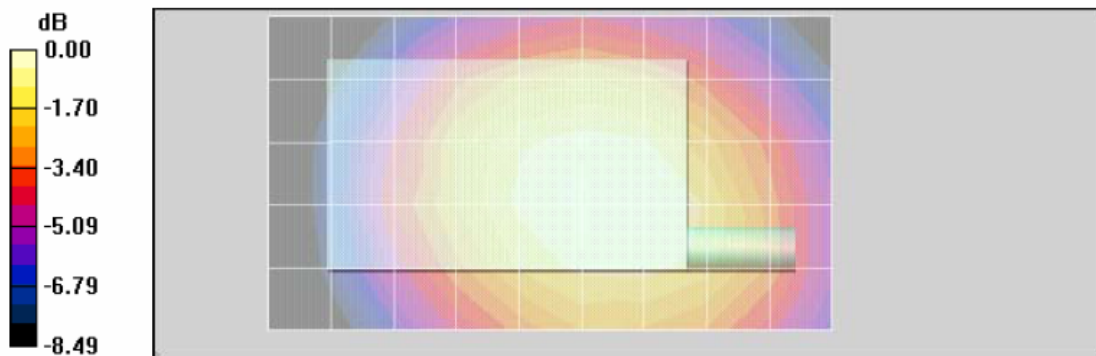
Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:6, Medium: 813 IEEE Head, Medium parameters used:  $\sigma = 0.93$  mho/m,  $\epsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

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

Reference Value = 10.7 V/m; Power Drift = 0.0544 dB

**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.113 mW/g**

**Motorola GEMS EME Laboratory****FCC ID: AZ489FT5846; Test Date: 7/24/05**

Run #: ErC Face 050724-20

Sim Temp: 20.7 (C)

Model #: H85XAH6RR5AN-NWF1089A SN: 000AFJ00J2

Antenna: IN TX Freq: 806.0125 MHz

Battery: SNN5705C Start power: .640 W

Carry acc.: NONE Audio/Data acc.: NONE

**DUT with front housing separated 2.5cm from the phantom with BLUETOOTH on**

Probe: ET3DV6 - SN1384, Calibrated: 5/26/2005, ConvF(6.53, 6.53, 6.53)

Duty Cycle: 1:6, Medium: 813 IEEE Head, Medium parameters used:  $\sigma = 0.93$  mho/m,  $\epsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Electronics: DAE3 Sn374, Calibrated: 4/6/2005

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

Reference Value = 11.0 V/m; Power Drift = -0.110 dB

**SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.111 mW/g**