



**MOTOROLA**



TESTING CERT # 2518.01

**Exhibit 7B: SAR Test Report Photographs**

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



*Signature on file – Stephen Whalen for Deanna Zakharia*  
**Deanna Zakharia**  
**EMS EME Lab Senior Resource Manager,**  
**Laboratory Director**

**Approval Date: 3/12/2010**

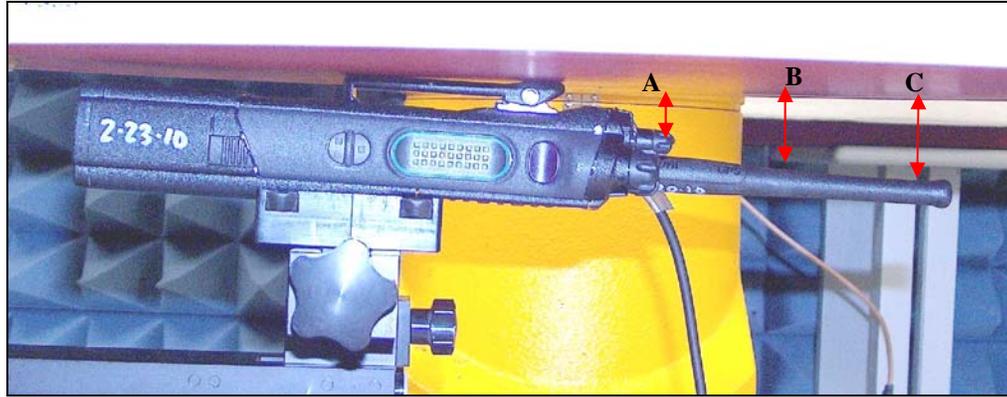
**Report Revision History**

Date	Revision	Comments
3/12/10	O	Initial release

**1.0 Highest SAR Test Position per body location**

**1.1 Body**

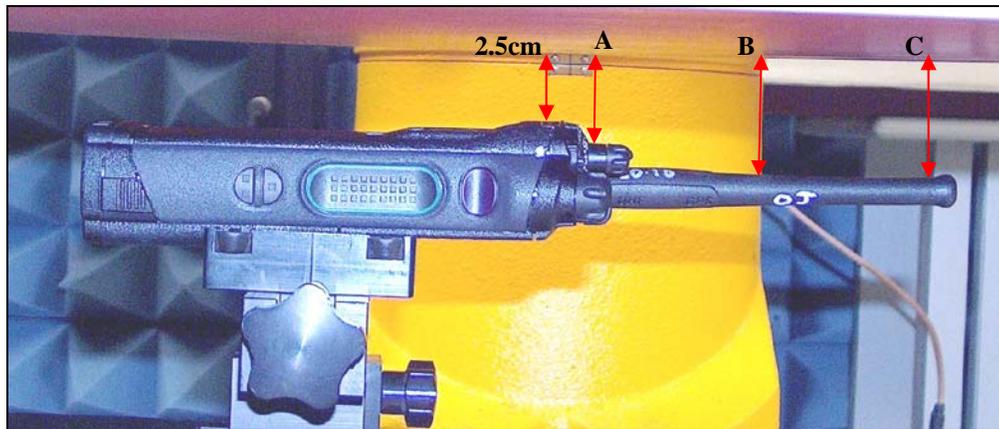
DUT w/ antenna PMAE4065A, battery NNTN7034A, audio cable PMLN5101A, and belt clip NTN8266B against the phantom. Similar position for antenna PMAT4001A and audio HMN4104A.



Distance A – 26 mm  
Distance B – 30 mm  
Distance C – 35 mm

**1.2 Face**

DUT w/ back side separated 2.5cm from phantom with antenna PMAE4065A and battery NNTN7034A. Similar position for antenna PMAT4001A and battery NNTN7038A.



Distance A – 41 mm  
Distance B – 43 mm  
Distance C – 48 mm

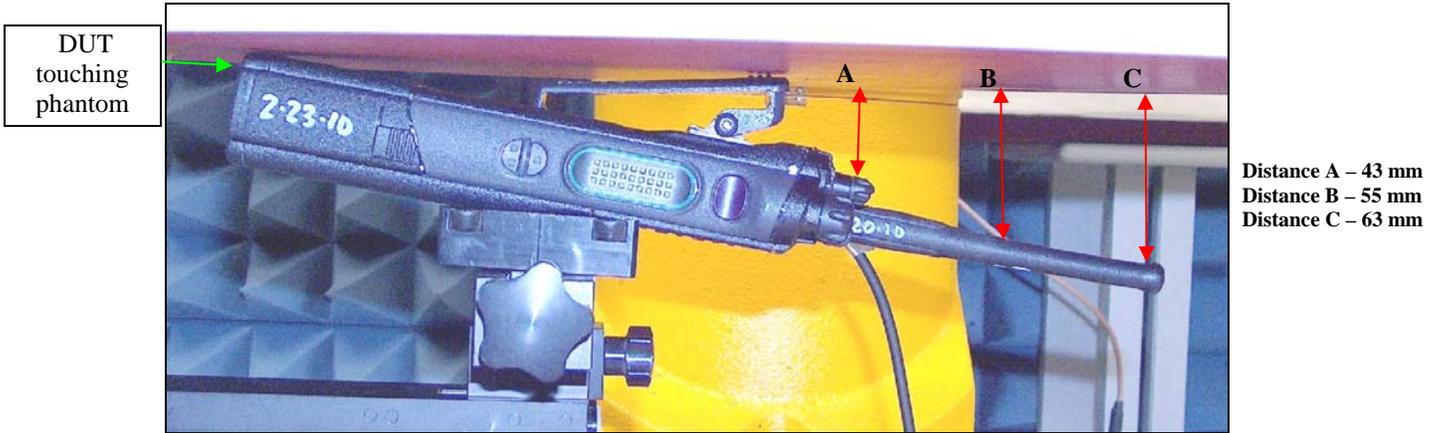
**1.3 Head**  
Not applicable.

**1.4 Hand**  
Not applicable.

**2.0 Other SAR tested positions at the body**

**2.1 Body worn**

DUT w/ antenna PMAE4065A, battery NNTN7034A, audio cable PMLN5101A, and belt clip HLN6875A against the phantom. Similar position for antenna PMAT4001A, battery NNTN7038A, and audio HMN4104A.

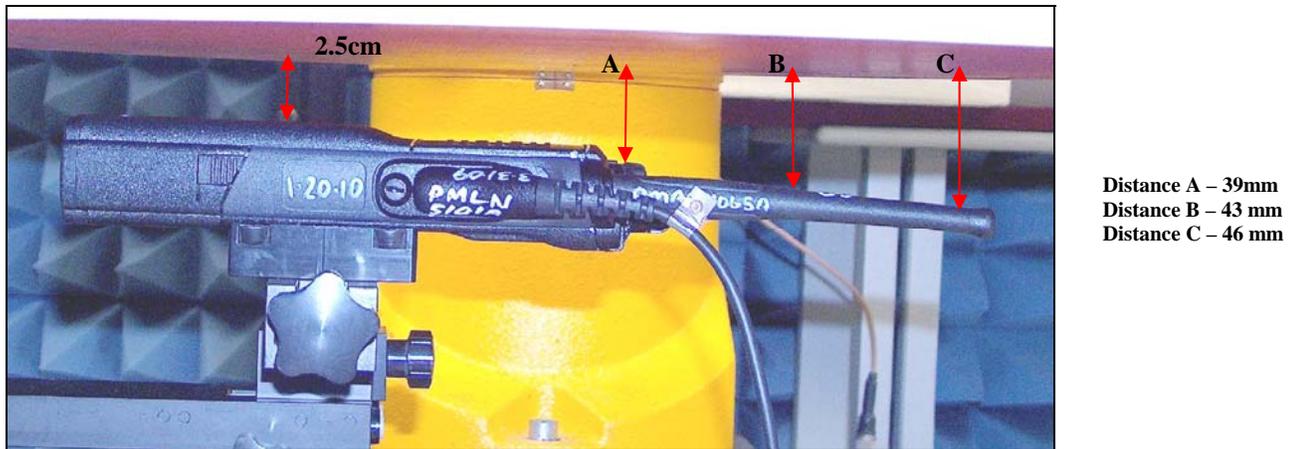


**2.2 Front Side against phantom**  
Not applicable.

**2.3 Back side against phantom**  
Not applicable.

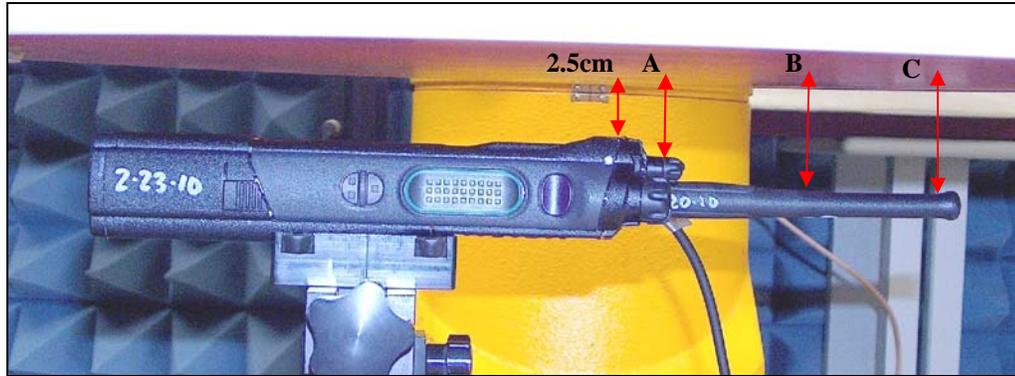
**2.4 Front 2.5cm separation**

DUT w/ front side separated 2.5cm from phantom: antenna PMAE4065A, battery NNTN7034A, audio accessory PMLN5101A. Similar position for antenna PMAT4001A.



**2.5 Back 2.5cm separation**

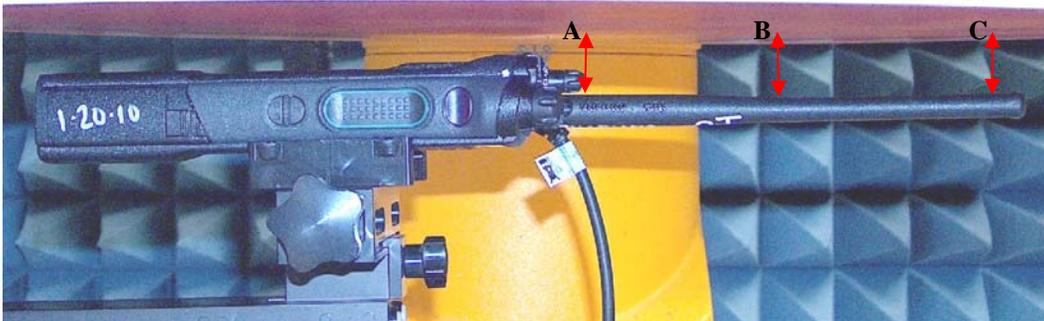
DUT w/ back side separated 2.5cm from phantom with antenna PMAE4065A, battery NNTN7034A, and audio PMLN5101A. Similar position for antenna PMAT4001A.



Distance A – 41 mm  
Distance B – 43 mm  
Distance C – 48 mm

**2.6 Antenna 2.5cm separation**

DUT w/ back of DUT facing phantom and antenna at 2.5cm from the phantom with antenna PMAT4001A, battery NNTN7034A, and audio HMN4104A.



Distance A – 25 mm  
Distance B – 26 mm  
Distance C – 25 mm

**3.0 Other SAR tested position at the face**

**3.1 Front 2.5cm separation**

DUT w/ front side separated 2.5cm from phantom with antenna PMAE4065A and battery NNTN7034A.  
 Similar position for antenna PMAT4001A and battery NNTN7038A



Distance A – 39 mm  
 Distance B – 43 mm  
 Distance C – 46 mm

**4.0 Other SAR tested positions at the head**

**4.1 Left ear touch**  
 Not applicable.

**4.2 Left ear tilt**  
 Not applicable.

**4.3 Right ear touch**  
 Not applicable.

**4.4 Right ear tilt**  
 Not applicable.

**5.0 Other SAR tested positions at the hand**

**5.1 Left side**  
 Not applicable.

**5.2 Right side**  
 Not applicable.

**5.3 Top side**  
 Not applicable.

**5.4 Bottom side**  
 Not applicable.

**5.5 Back side**  
 Not applicable.

**6.0 DUT and Accessory Photos**

The purpose of these photos is to illustrate the offered antennas and belt clip accessory(ies).  
 The radio that was used in the following photos is representative radio sample used to illustrate the accessories below.

**6.1 Antenna photos**



	<b>Kit Number</b>	<b>Type</b>	<b>Freq Range (MHz)</b>	<b>Electrical Length (wave form)</b>	<b>Physical Length (cm)</b>	<b>Antenna Gain (dBd)</b>
A	PMAT4001A	Whip	136-174MHz, 380-520MHz, 1575(GPS)	1/4	23	-8.0
B	PMAE4065A	Whip	380-520MHz, 1575(GPS)	1/4	15	-2.0

**6.2 Body worn accessories**



**DUT Back View**  
Belt Clip NTN8266B  
Battery NNTN7038A



**DUT Side View**  
Belt Clip NTN8266B  
Battery NNTN7038A



**DUT Back View**  
Belt Clip HLN6875A  
Battery NNTN7038A



**DUT Side View**  
Belt Clip HLN6875A  
Battery NNTN7038A

**6.3 DUT with audio accessory**



**DUT Front View w/ Headset**

6.4 Tested audio accessories



HMN4104A  
RSM



PMLN5101A  
Headset