

**MOTOROLA**

TESTING CERT # 2518.05

Exhibit 7B: SAR Test Report Photographs

Government & Public Safety EME Test Laboratory
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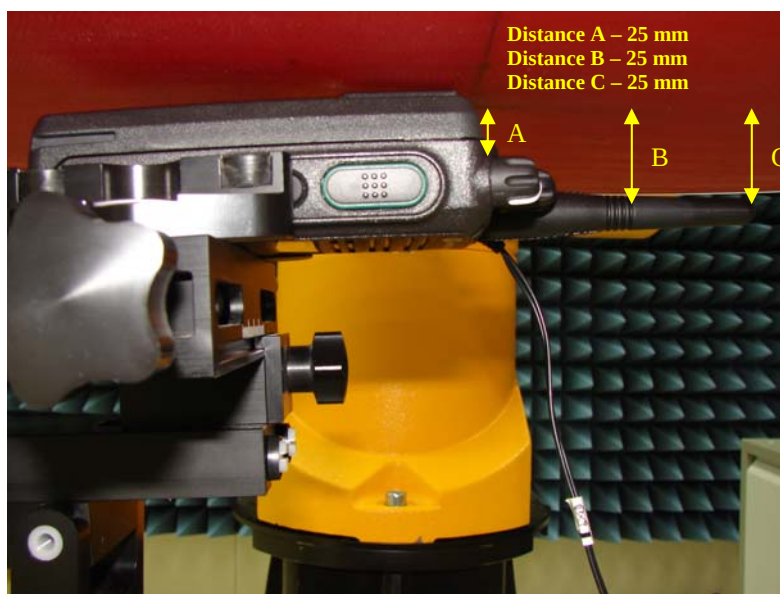
Signature on file – Deanna Zakharia
Deanna Zakharia G&PS EME Lab Senior Resource Manager, Laboratory Director

Approval Date: 4/20/2009

1.0 Highest SAR Test Position per body location

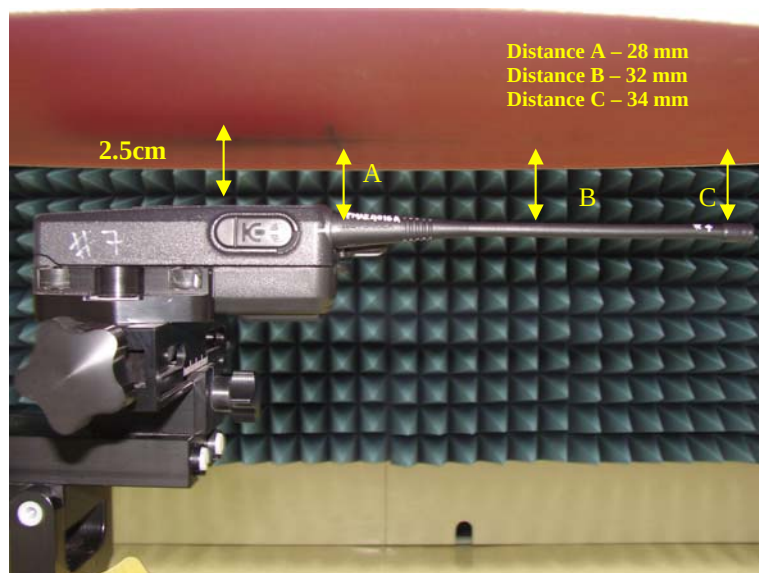
1.1 Body

DUT w/ back of radio facing phantom and antenna at 2.5cm from the phantom; worst case audio accessory PMMN4001A attached and antenna PMAE4003A. (Same position used for antennas PMAE4016A, PMAE4014A, PMAE4002A and NAE6483AR)



1.2 Face

DUT w/ front side separated 2.5cm from phantom with antenna PMAE4016A. (Same test position for antennas PMAE4003A, PMAE4014A, PMAE4002A and NAE6483AR)



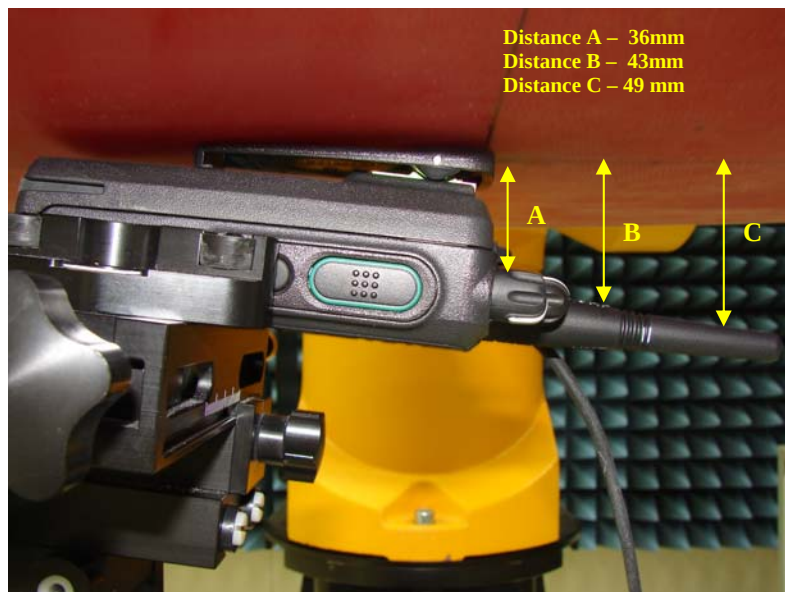
1.3 Head
Not applicable.

1.4 Hand
Not applicable.

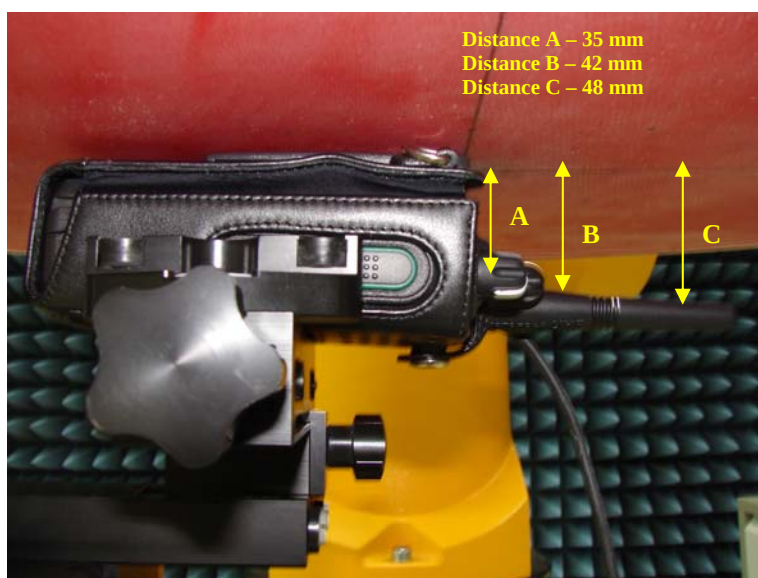
2.0 Other SAR tested positions at the body

2.1 Body worn

DUT w/ audio cable PMMN4008A, belt clip HLN9844A and antenna PMAE4003A against the phantom (same position used for all other audio accessories and antenna position).



DUT w/ audio cable PMMN4008A, PMLN5334A leather case with HLN9844A belt clip and antenna PMAE4003A against the phantom.

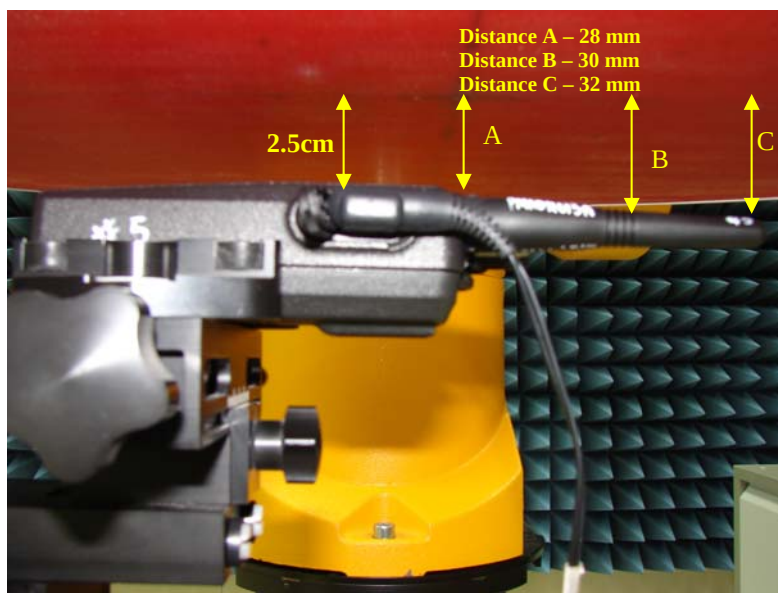


2.2 Front Side against phantom
Not applicable.

2.3 Back side against phantom
Not applicable.

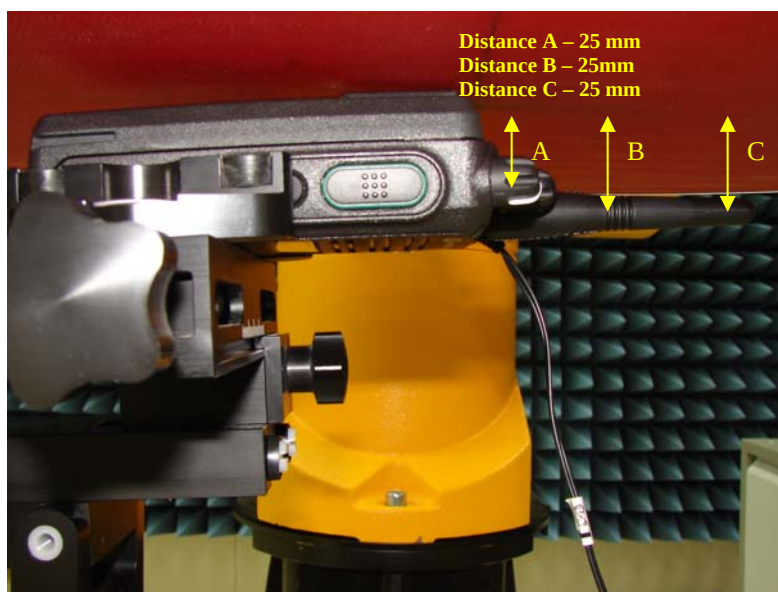
2.4 Front 2.5cm separation

DUT w/ front side separated 2.5cm from phantom; worst case audio accessory PMMN4001A attached and antenna PMAE4003A. (Same position used for PMAE4016A).



2.5 Antenna 2.5cm separation

DUT w/ back of radio facing phantom and antenna at 2.5cm from the phantom; worst case audio accessory PMMN4001A attached and antenna PMAE4003A. (Same position used for antennas PMAE4016A, NAE6483AR, PMAE4014A and PMAE4002A)



3.0 Other SAR tested position at the face**3.1 Front 2.5cm separation**

Refer to the photo for face highest SAR test position at section 1.2

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 antenna, battery and body-worn carry accessory(ies).
The sample that was used in the following photos represents the product used to obtain the results presented herein.

6.1 Antenna photos



A	B	C	D	E
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	Kit Number	Type	Freq Range (MHz)	Electrical Length (wave form)	Physical Length (cm)	Antenna Gain (dBi)
A	PMAE4014A	Whip	403-425	¼	19.0	1.0
B	NAE6483AR	Whip	403-520	¼	16.5	0.0
C	PMAE4016A	Whip	403-520	¼	16.5	1.0
D	PMAE4002A	Stubby	403-433	¼	9.0	-4.5
E	PMAE4003A	Stubby	430-470	¼	9.0	-4.5

6.2 Battery photos



	Kit Number	Description	Battery's thickness (mm)
A	PMNN4081A	LiIon - 1500mAH	18.5
B	PMNN4082A	NiMH - 1300mAH	19
C	PMNN4080A	LiIon High Capacity 2150mAH	23.3

6.3 Body-worn photos



Front View
PMLN5334A



Back View
PMLN5334A



BackView
HLN9844A

6.4 Tested body worn accessories (Back, Side, Front views)



Front View
PMLN5334A with HLN9844A



Side View
PMLN5334A with HLN9844A



Back View
PMLN5334A with HLN9844A



Side View
HLN9844A



Back View
HLN9844A