

**MOTOROLA**

TESTING CERT # 2518.05

Exhibit 7B: SAR Test Report Photographs

Government & Public Safety EME Test Laboratory
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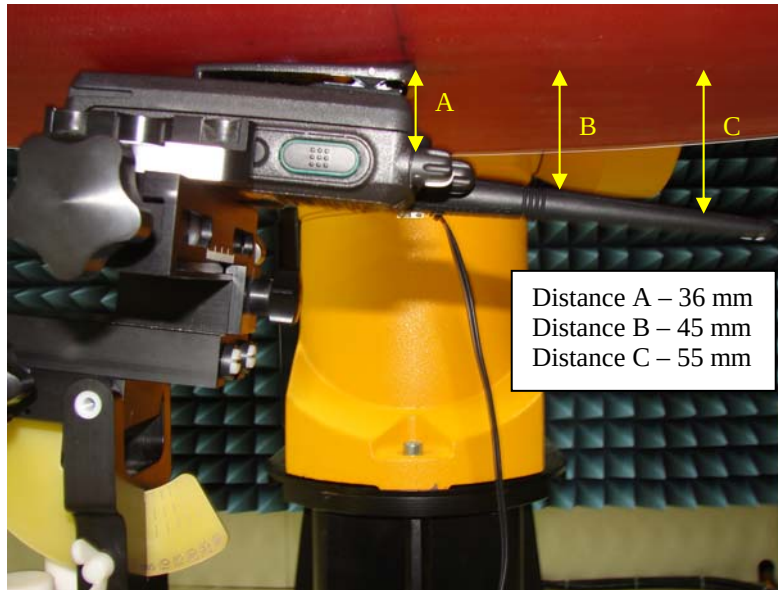
Signature on file –Deanna Zakharia

Deanna Zakharia G&PS EME Lab Senior Resource Manager, Laboratory Director

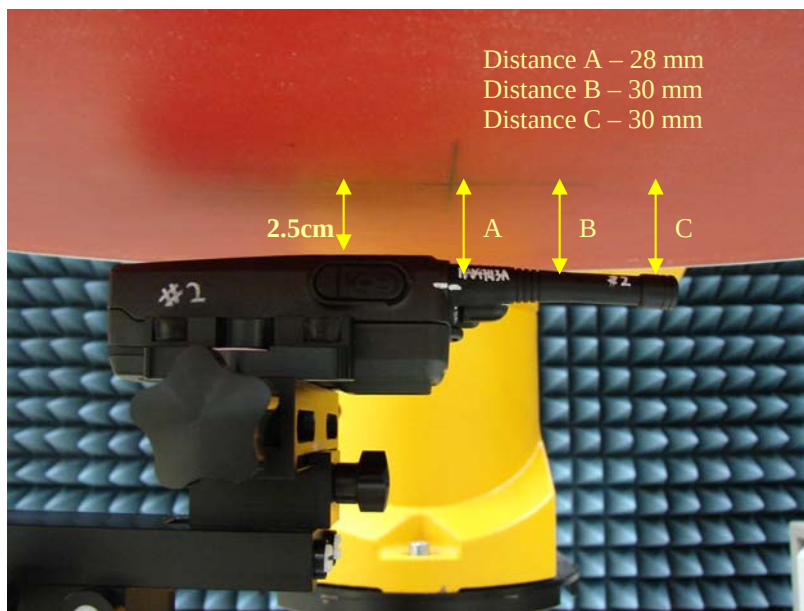
Approval Date: 3/16/09

1.0 Highest SAR Test Position per body location**1.1 Body**

DUT w/ back of radio facing phantom with the belt clip HLN9844A and worst case audio accessory PMMN4001A attached and antenna PMAD4015A. (Same position used for antennas NAD6502AR, NAD6579A, PMAD4012A, PMAD4013A, PMAD4014A, PMAD4049A, HAD9338BR, HAD9742A and HAD9743A)

**1.2 Face**

DUT w/ front side separated 2.5cm from phantom with antenna HAD9743A. (Same test position for antennas NAD6502AR, NAD6579A, PMAD4012A, PMAD4013A, PMAD4014A, PMAD4049A, HAD9338BR, HAD9742A and PMAD4015A)



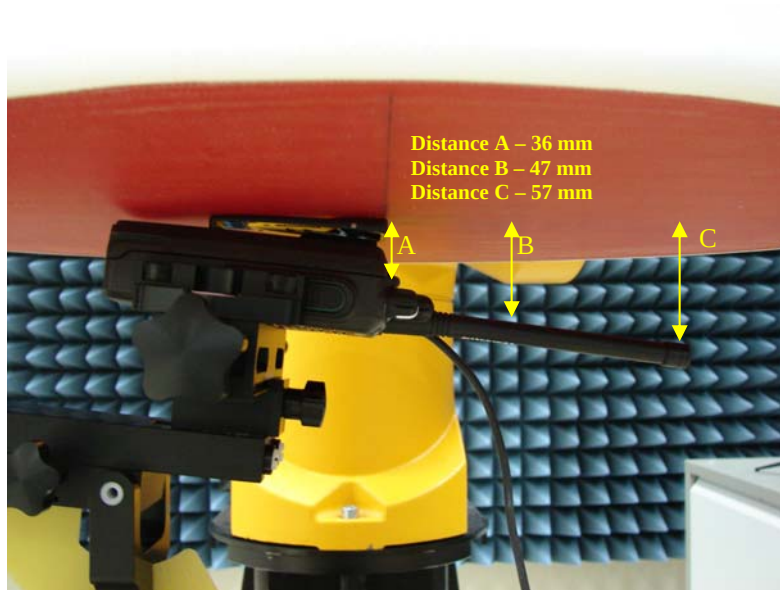
1.3 Head
Not applicable.

1.4 Hand
Not applicable.

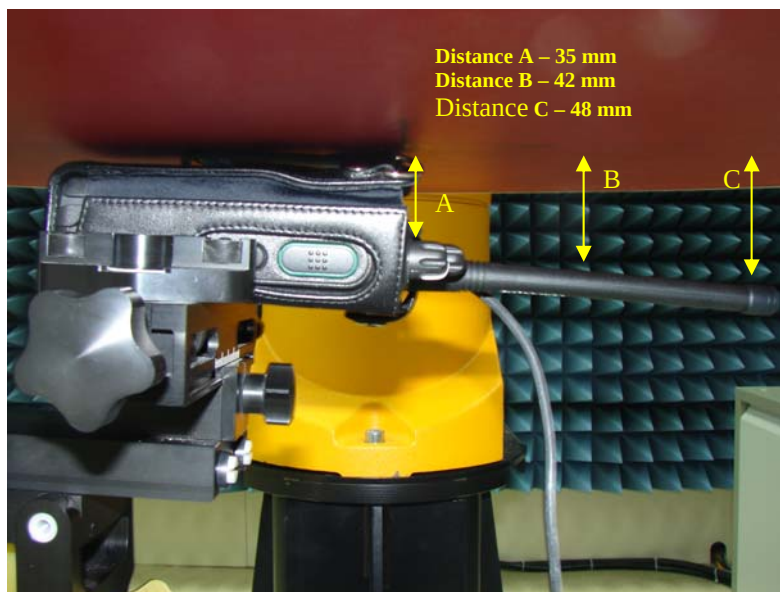
2.0 Other SAR tested positions at the body

2.1 Body worn

DUT w/ audio cable PMMN4008A, belt clip HLN9844A and antenna PMAD4049A 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 PMAD4049A against the phantom.

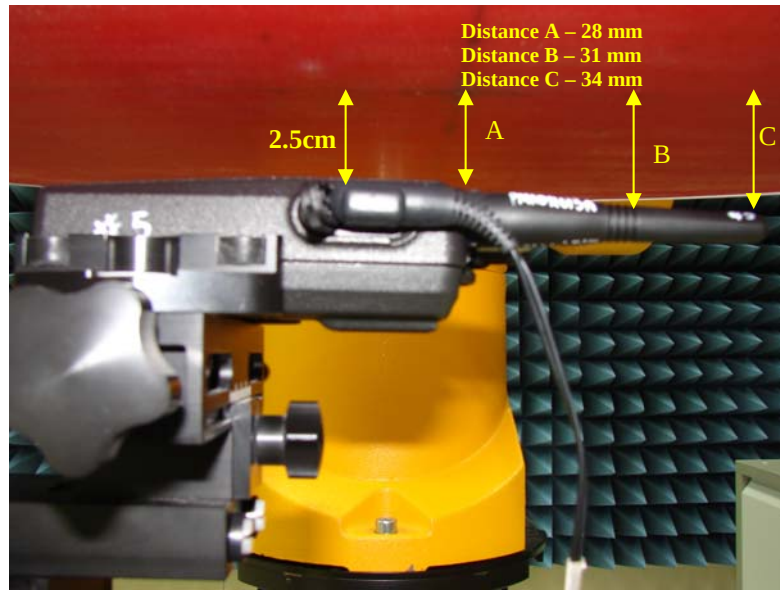


2.2 Front Side against phantom
Not applicable.

2.3 Back side against phantom
Not applicable.

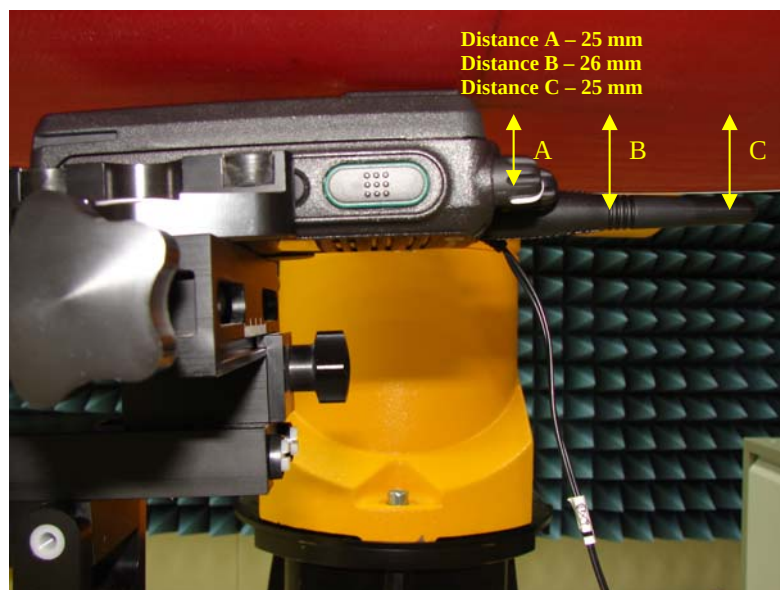
2.4 Front 2.5cm separation

DUT w/ front side separated 2.5cm from phantom; worst case audio accessory PMMN4001A attached and antenna PMAD4013A. (Same position used for PMAD4015A, PMAD4049A, HAD9338BR, NAD6502AR and NAD6579A)



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 PMAD4013A. (Same position used for antennas PMAD4015A, PMAD4049A, HAD9338BR, NAD6502AR and NAD6579A)



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 body worn Accessory Photos

The purpose of these photos is to illustrate the offered 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



	Kit Number	Type	Freq Range	Electrical Length	Physical Length (cm)	Antenna Gain
A	NAD6579A	Whip	148-161 MHz	1/4 wave	19	-6.25dBi
B	HAD9338BR	Heliflex	136-162 MHz	1/4 wave	16	-10dBi
C	NAD6502AR	Heliflex	146-174 MHz	1/4 wave	15	-10.0dBi
D	PMAD4049A	Helical	146-174 MHz	1/4 wave	15	-4dBi
E	PMAD4014A	Helical	136-155 MHz	1/4 wave	14	-13dBi
F	PMAD4015A	Helical	155-174 MHz	1/4 wave	14	-12.5dBi
G	HAD9742A	Stubby	146-162 MHz	1/4 wave	9	-11.0dBi
H	HAD9743A	Stubby	162-174 MHz	1/4 wave	8	-11.0dBi
I	PMAD4012A	Stubby	136-155 MHz	1/4 wave	9	-12dBi
J	PMAD4013A	Stubby	155-174 MHz	1/4 wave	9	-14.5dBi

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