



MOTOROLA



ACCREDITED

TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

Enterprise Mobility Solutions

EME Test Laboratory
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Signature on file

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**EMS EME Lab Senior Resource Manager,
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Approval Date: 11/15/10

Report Revision History

Date	Revision	Comments
11/12/10	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

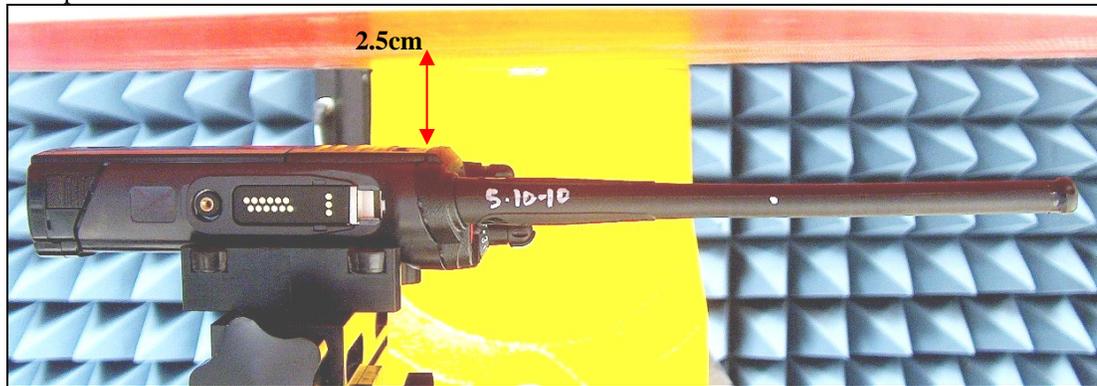
DUT w/ antenna NAR6593A, battery PMNN4403A and belt clip HLN6875A with carry holder PMLN5709A against the phantom without audio cable attachment.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	0	56	123

1.2 Face

DUT w/ front side separated 2.5cm from phantom with antenna NAR6593A and battery PMNN4403A. Same position used for BT assessment at the face.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	25	34	40

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 NAR6593A, battery PMNN4403A, audio cable RMN5058A, and belt clip HLN6875A against the phantom. Similar position for other audios HMN4104A and PMLN5275A.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	<1	45	98

DUT w/ antenna NAR6593A, battery PMNN4403A, audio cable RMN5058A, and belt clip NTN8266B against the phantom. Similar position for other audio accessories HMN4104A and PMLN5275A.

Same position used for BT assessment at the body with and with out audio accessory attached.

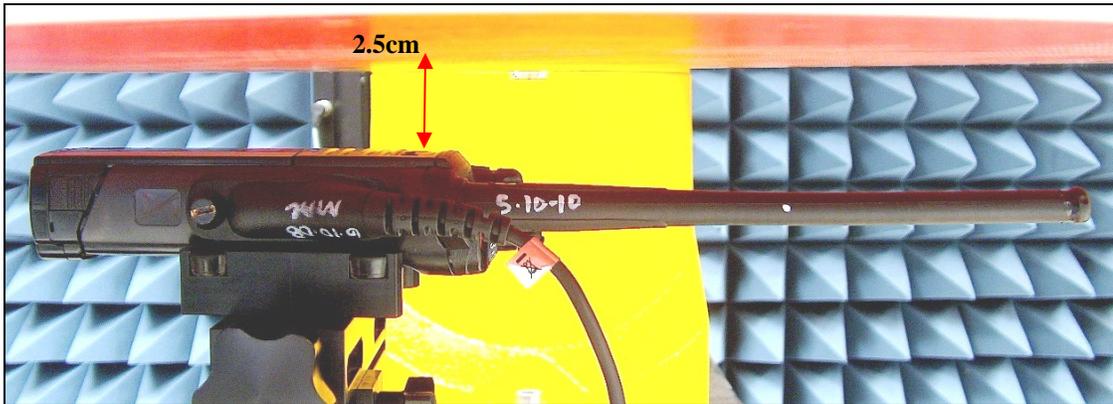


Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	8	27	45

2.2 Front Side against phantom
Not applicable.

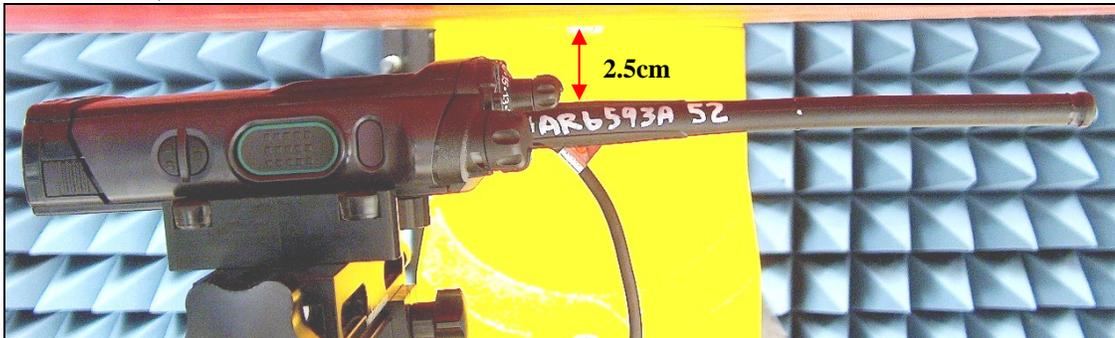
2.3 Back side against phantom
Not applicable.

2.4 Front 2.5cm separation
DUT w/ front side separated 2.5cm from phantom: antenna NAR6593A, battery PMNN4403A, audio cable RMN5058A.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	25	35	40

2.5 Antenna 2.5cm separation
DUT w/ back of DUT facing phantom and antenna at 2.5cm from the phantom with antenna NAR6593A, battery PMNN4403A, audio cable RMN5058A.



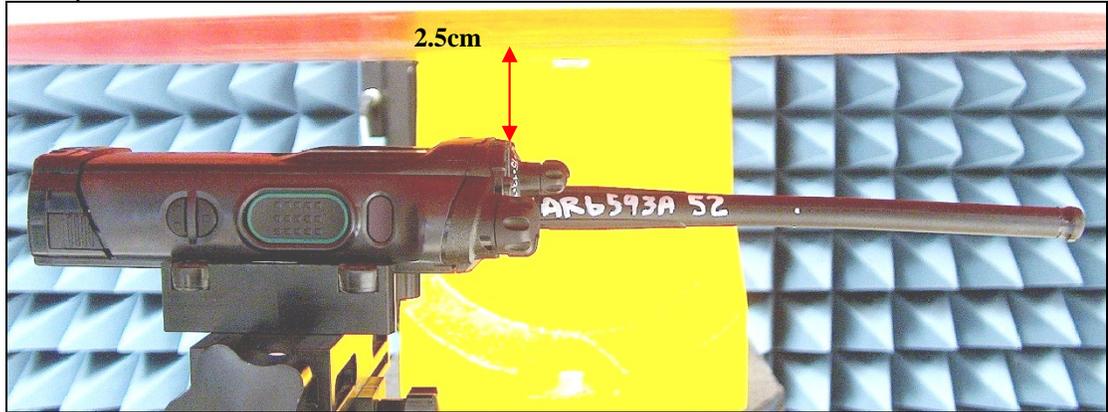
Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	22	25	25

2.6 Back 2.5cm separation
Not applicable due to peak SAR is on antenna.

3.0 Other SAR tested position at the face

3.1 Back of DUT at 2.5cm separation

DUT w/ back of DUT separated 2.5cm from phantom with antenna NAR6593A, battery PMNN4403A. Same position used for BT assessment at the face.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	29	43	55

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.

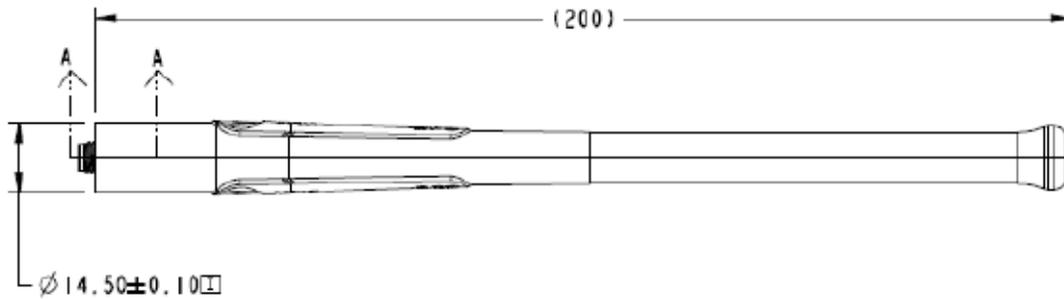
6.0 DUT and Accessory Photos

The purpose of these photos is to illustrate the offered antenna and belt clip accessories.

6.1 Antenna dimension and photo:

Refers to 6.2 “Body worn accessories” section, there is only one antenna offered for this product.

Antenna Kit #	Length (mm)	Diameter (mm)
NAR6593A	200	14.5



6.2 Body worn accessories



**DUT Back View
Belt Clip NTN8266B
Battery PMNN4403A**



**DUT Side View
Belt Clip NTN8266B
Battery PMNN4403A**



**DUT Back View
Belt Clip HLN6875A
Battery PMNN4403A**



**DUT Side View
Belt Clip HLN6875A
Battery PMNN4403A**



DUT Back View
Belt Clip HLN6875A
and carry holder
PMLN5709A
Battery PMNN4403A



DUT Side View
Belt Clip HLN6875A and
carry holder
PMLN5709A
Battery PMNN4403A

6.3 DUT with audio accessory



DUT Front View w/ Headset RMN5058A

6.4 Tested audio accessories



HMN4104A
RSM

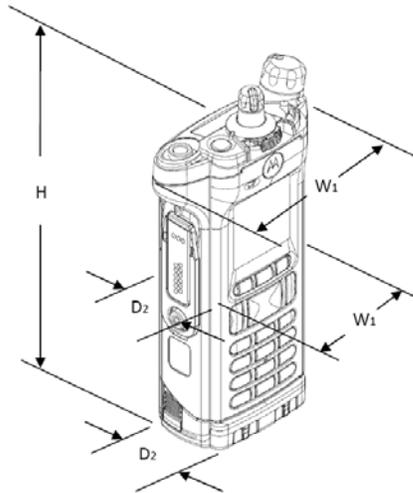


PMLN5275A
Headset

6.5 DUT Dimensions:

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	139.7	75.7 / 60.2	40.5 / 34.7
Radio with battery PMNN4403A	146.3	75.7 / 60.2	41.8 / 34.7

The following figure represent the sample of the device’s dimensions.



Note: H = Height; W = Width; D = Depth

$W1 = (\text{Width @ Top}) / (\text{Width @ PTT})$

$D2 = (\text{Depth @ Bottom}) / (\text{Depth @ PTT})$