



MOTOROLA



TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

Enterprise Mobility Solutions
EME Test Laboratory
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Report Revision History

Date	Revision	Comments
7/7/10	O	Initial release
11/1/2010	A	Revised per FCC Correspondence Reference Number 39260

1.0 Highest SAR Test Position per body location

1.1 Body

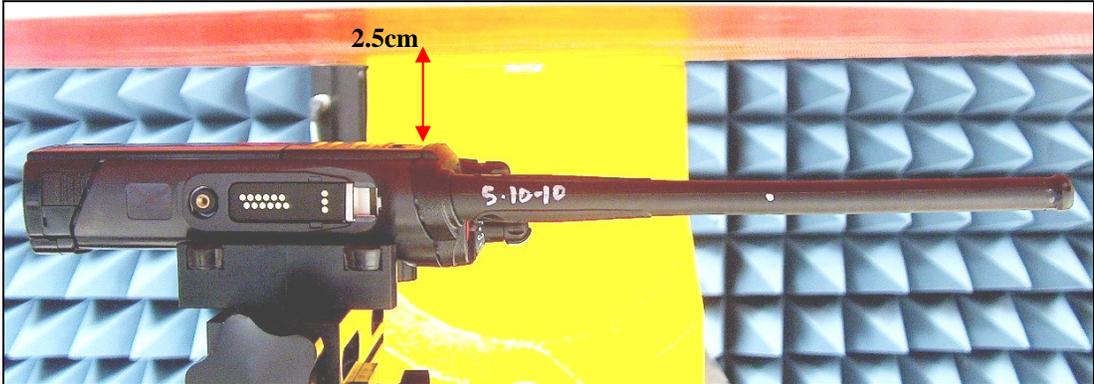
DUT w/ antenna NAR6593A, battery PMNN4403A, audio cable RMN5058A, and belt clip NTN8266B against the phantom. Similar position for other audios HMN4104A and PMLN5275A.



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

1.2 Face

DUT w/ front side separated 2.5cm from phantom with antenna NAR6593A and battery PMNN4403A.



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.



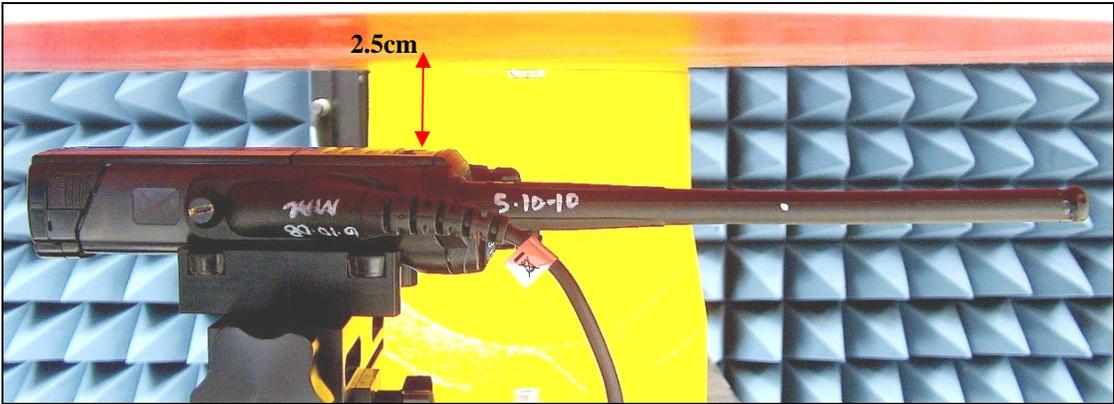
Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	<1	45	98

2.2 Front Side against phantom
Not applicable.

2.3 Back side against phantom
Not applicable.

2.4 Front 2.5cm separation

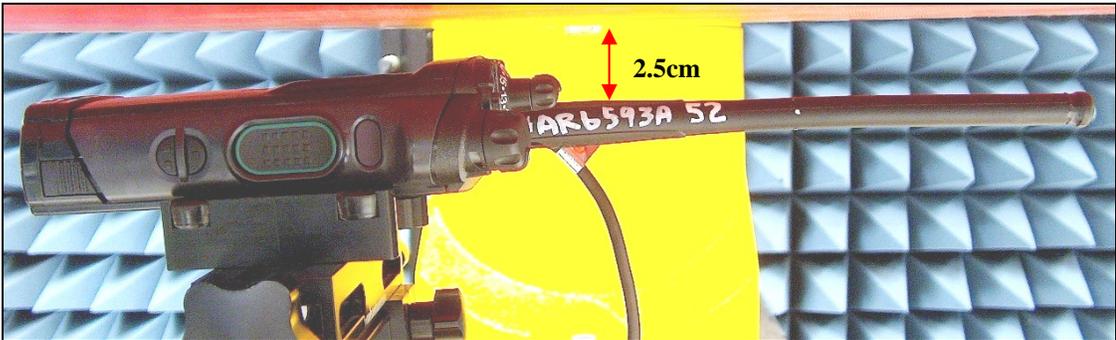
DUT w/ front side separated 2.5cm from phantom: antenna NAR6593A, battery PMNN4403A, audio cable RMN5058A.



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

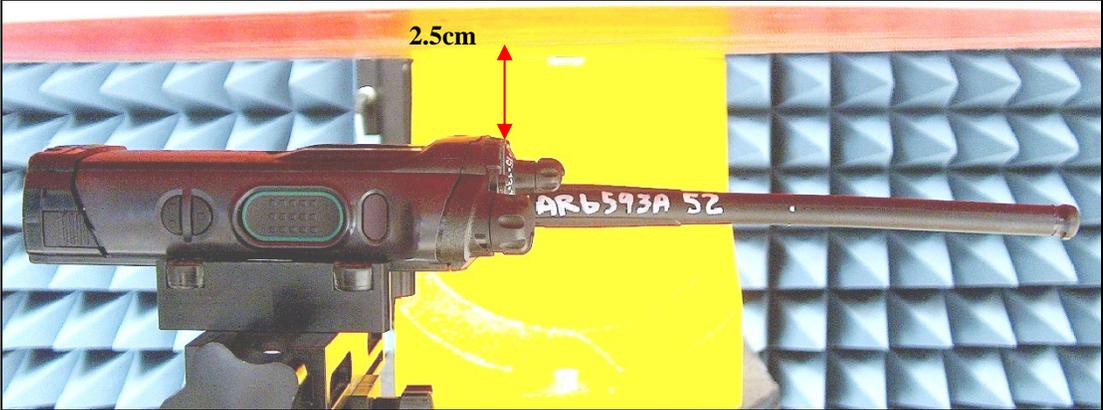
2.6 Back 2.5cm separation

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.



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.

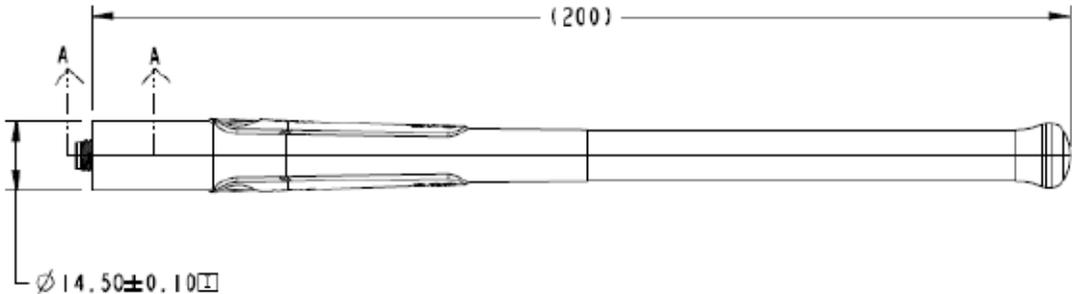
6.0 DUT and Accessory Photos

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

6.3 DUT with audio accessory



DUT Front View w/ Headset RMN5058A

6.4 Tested audio accessories



HMN4104A
RSM

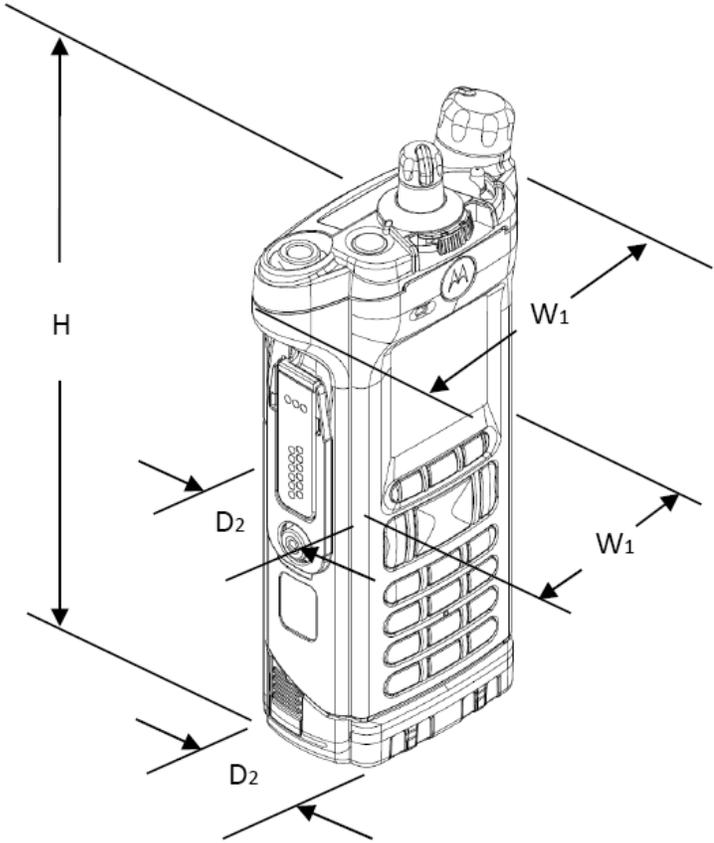


PMLN5275A
Headset

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
 $W1 = (\text{Width @ Top}) / (\text{Width @ PTT})$
 $D2 = (\text{Depth @ Bottom}) / (\text{Depth @ PTT})$