

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

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A handwritten signature in blue ink, reading 'Deanna Zakharia'.

Deanna Zakharia
EMS EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 3/22/2012

Report Revision History

Date	Revision	Comments
2/6/12	O	Initial release
3/22/12	A	Added FCC and IC IDs to the report header

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna NAR6593A with offered battery NNTN8128A and body worn accessory PMLN6085A (without belt loop) against the phantom with default audio cable and carry strap NTN5243A attached. Same position was used for the other offered batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	0	*50-56	*107-115

*Depending on battery and antenna bend

1.2 Face

DUT w/ front side separated 2.5cm from phantom with antenna NAR6593A and battery NNTN8129A. Same position used for the other offered batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	28	41	54

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 NNTN8128A, audio HMN4104B and body worn PMLN4651A against the phantom. Same position used for the other offered batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	6	*28-32	*52-54

*Depending on battery and antenna bend

DUT w/ antenna NAR6593A battery NNTN8128A, audio cable HMN4104B, and body worn PMLN6085A against the phantom. Same position used for the other offered batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	*18-20	*69-74	*127-132

*Depending on battery and antenna bend

DUT w/ antenna NAR6593A, battery NNTN8128A, audio cable HMN4104B, and body worn PMLN7008A against the phantom. Same position used for the other offered batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6593A	6	*29-34	*46-54

*Depending on battery and antenna bend

2.2 Front Side against phantom
Not applicable.

2.3 Back side against phantom
Not applicable.

2.4 Front 2.5cm separation
Not applicable

2.5 Antenna 2.5cm separation
Not applicable

2.6 Back 2.5cm separation
Not applicable

3.0 Other SAR tested positions at the face

3.1 Back of DUT at 2.5cm separation
Not Applicable

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 accessories. Refer to Part 1 of 2 section 7.0 for more details.

6.1 Antenna dimension and photo:

Antenna Kit #	Physical Length (mm)	Electrical Length
NAR6593A	200	$\frac{1}{4}$ wave



NAR6593A

6.2 Body worn accessories



DUT Back View
Belt clip PMLN4651A



DUT Side View
Belt clip PMLN4651A



DUT Back View
Belt Clip PMLN7008A



DUT Side View
Belt Clip PMLN7008A



DUT Back View
Carry case PMLN6085A



DUT Side View
Carry case PMLN6085A



DUT Front View
Carry case PMLN6085A



Carry strap NTN5243A
with body worn
PMLN6085A

6.3 Battery accessories:



Side view left – right:
NNTN8128A, NNTN8129A

Front view left – right:
NNTN8128A, NNTN8129A

Side and Front view
PMNN4424A

6.4 Audio accessories:



RMN5058A Core L/W
headset



PMLN5275C Core H/D
Headset



PMLN5111A Plus 3 wire
– Black – One
programmable button



PMLN5101A IMPRES
Temple transducer



**HMN4104B IMPRES
Display Submersible
RSM w/ jack & CH
selector**



**RLN5882A Plus 2-wire with
translucent tube - Black - One
programmable button**



**PMMN4062A Large
Plus Noise cancelling
RSM IP55 3.5mm jack**



**PMMN4065A Standard
large IP57 RSM**



**PMMN4024A
Core RSM**



**PMMN4046A
IMPRES Speaker Mic
w/vol, IP57**



PMLN5102A
Core Ultra-lite headset



PMLN5106A
IMPRES 3 wire
surveillance



PMLN5653A
IMPRES Ear mic system



PMMN4040A
IMPRES IP57
submersible RSM

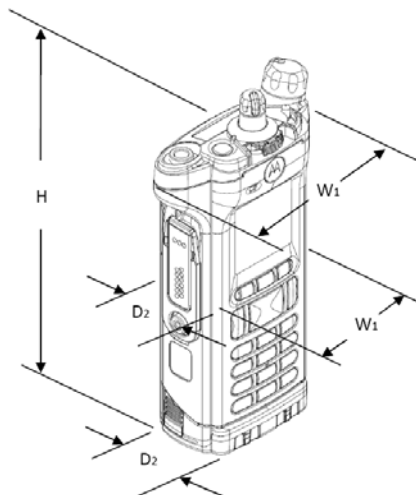


PPMLN5097A
IMPRES 3 wire
surveillance

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	130	64/53	32/18
Radio with battery NNTN8128A	130	64/53	35/42

For illustration purposes the following figure reflects the location of the device's dimensions.



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

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

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