

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

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A handwritten signature in blue ink that reads 'Deanna Zakharia'.

Deanna Zakharia
EMS EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 10/9/2013

Report Revision History

Date	Revision	Comments
9/27/2013	O	Initial release
10/3/2013	A	Removed references to IC designator

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

DUT w/ antenna PMAF4008A with offered battery NNTN8128B and body worn PMLN4651A against the phantom and no audio cable attached. Same position used for the other applicable offered battery and audio cable.

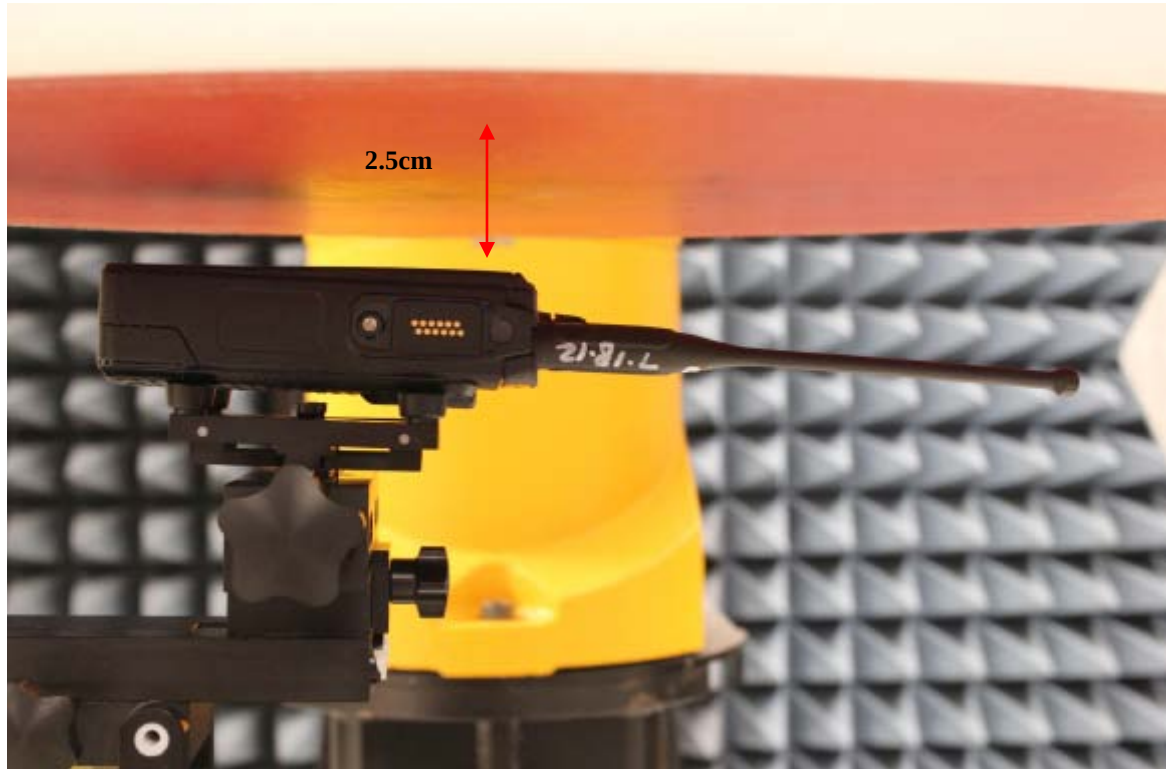


Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4008A	6	*28-33	*51-56

(*) Depending on battery

1.2 Face

DUT w/ back side separated 2.5cm from phantom with antenna PMAF4008A and battery NNTN8129A
Same position used for the other offered battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4008A	27	41	52

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 PMAF4008A battery NNTN8128B, audio HMN4104B and body worn PMLN7008A against the phantom. Same position used for the other offered battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4008A	6	*29-33	*53-59

(*) Depending on battery

DUT w/antenna PMAF4008A battery NNTN8128B, audio HMN4104B and body worn PMLN6085A against the phantom. Same position used for the other offered battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4008A	*17-29	*67-78	*105-122

(*) Depending on battery

DUT w/antenna PMAF4008A battery NNTN8128B, audio HMN4104B and body worn PMLN6085A (no belt loop)/NTN5243A carry strap against the phantom. Same position used without audio attached and for the other offered battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4008A	0	*50-56	*104-106

(*) Depending on battery

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
NA

3.2 Front of DUT at 2.5cm separation
Refer to 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 accessories. Refer to Part 1 of 2, section 7.0 for more details. See part 1 of 2 section 7.0 for additional details on the offered accessories.

6.1 Antenna dimension and photo(s):

Antenna Kit #	Physical Length (mm)	Electrical Length
PMAF4008A	165	$\frac{1}{2}$ Wave



6.2 Body worn accessories



DUT Back View
Belt clip PMLN4651A



DUT Side View
Belt clip PMLN4651A



DUT Back View
PMLN7008A



DUT Side View
PMLN7008A



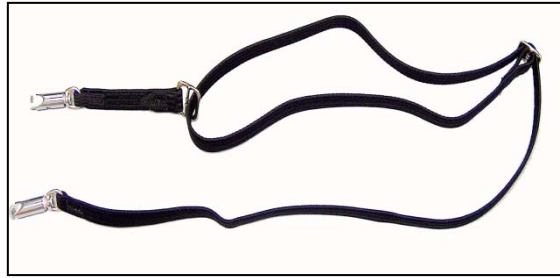
DUT Back View
Carry case PMLN6085A



DUT Side View
Carry case PMLN6085A



DUT Front View
Carry case PMLN6085A



Carry strap NTN5243A

6.3 Battery accessories:



Left – Right; front and side views: NNTN8128B, NNTN8129A



Left-Right; Back, front and side views: PMNN4424A

6.4 Audio accessories:



Left – Right: PMLN5275B, PMLN5111A



Left – Right: HMN4104B, RMN5116A



Left – Right: Remote Speaker Microphone (RSM) PMMN4062A, PMMN4065A and PMMN4024A



Left – Right: PMLN5101A, RLN5882A, RMN5058A



PMLN5102A



PMMN4040A



PMMN4046A



PMLN5096A



PMLN5097A

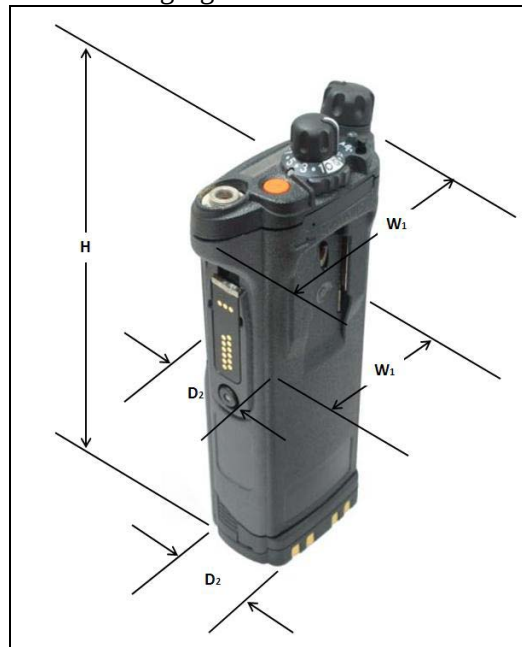


PMLN5653A

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	130	60	32
Radio with battery NNTN8128B	130	60	40
Radio with battery NNTN8129A	130	60	45

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



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

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

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