

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs**Motorola Solutions Inc.****EME Test Laboratory**

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Report Revision History

Date	Revision	Comments
02/08/2013	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna PMAD4069C with offered battery NNTN8386A and body worn PMLN6086A against the phantom and audio cable PMMN4067B attached. Same position used for the other applicable offered antennas.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4068C	8	29	46
PMAD4069C	8	29	51
*PMAD4067C	8	29	50

*Bandwidth is outside FCC Part 90

1.2 Face

DUT w/ front side separated 2.5cm from phantom with antenna PMAD4069C and battery NNTN8386A. Same position used for the other applicable offered antennas.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4068C	28	39	46
PMAD4069C	28	39	42
*PMAD4067C	28	39	41

*Bandwidth is outside FCC Part 90

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 PMAD4069C battery NNTN8386A, audio cable PMMN4067B and body worn PMLN6097A against the phantom. Same position used for the other applicable offered antennas.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4068C	21	70	110
PMAD4069C	21	70	115

DUT w/antenna PMAD4069C battery NNTN8386A, audio cable PMMN4067B and body worn PMLN6099A against the phantom. Same position used for the other applicable offered antennas.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4068C	0	70	128
PMAD4069C	0	70	132

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.

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.

6.1 Antenna dimension and photo(s):

No.	Antenna Kit #	Physical Length (mm)	Electrical Length
1	PMAD4067C	17	5/8 wave
2	PMAD4068C	17	5/8 wave
3	PMAD4069C	17	5/8 wave



6.2 Body worn accessories:



DUT Back View
PMLN6086A Belt clip with 2.5-Inch Belt Width



DUT Side View
PMLN6086A Belt clip with 2.5-Inch Belt Width



DUT Back View
PMLN6097A Hard Leather Carry Case 2.5-Inch SWL FKP



DUT Side View
PMLN6097A Hard Leather Carry Case 2.5-Inch SWL FKP



DUT Front View
PMLN6097A Hard Leather Carry Case 2.5-Inch SWL FKP



DUT Back View
PMLN6099A Soft Leather Carry
Case 2.5-Inch SWL FKP



DUT Side View
PMLN6099A Soft Leather Carry
Case 2.5-Inch SWL FKP



DUT Front View
PMLN6099A Soft Leather Carry
Case 2.5-Inch SWL FKP

6.3 Battery accessories:



Left-Right; Back, front and side views: NNTN8386A

6.4 Audio accessories:



**PMMN4067B IMPRESS
ATEX/CSA RSM**



**PMLN5275C Behind the
Head Heavy Duty Headset**



**NNTN8380A with NNTN8378A; Standard
Hardhat Mount Headset, 26 NRR with CSA
PTT Adapter**



**PMMN4050A with RMN4054B; IMPRES
Noise Canceling RSM with audio jack with
Rx Only Headset**

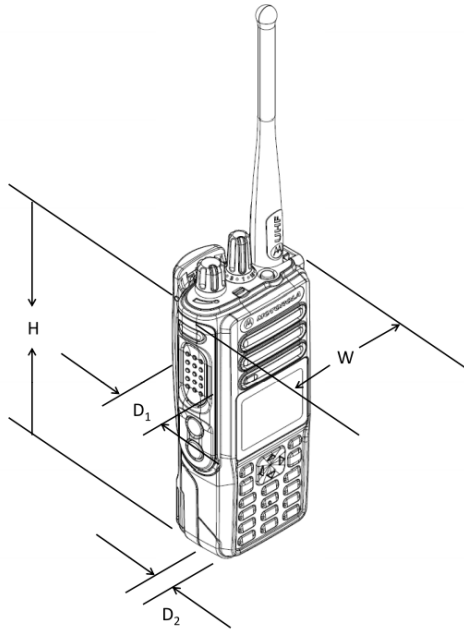


**PMMN4050A with RLN4941A;
IMPRES Noise Canceling RSM with audio jack with
Rx Only Earpiece**

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	138.5	56.7	19.8
Radio with battery NNTN8386A	138.5	56.7	39.8

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



Note: H = Height; W = Width; D₁ = Depth w/ battery; D₂ = Depth w/o battery