

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.05

Exhibit 7B: SAR Test Report Photographs

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Report Revision History

Date	Revision	Comments
09/18/2014	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna PMAD4146A with offered battery PMNN4468A and belt clip PMLN7128A against the phantom and audio cable PMLN7156A attached. Same position used for the other applicable antennas.

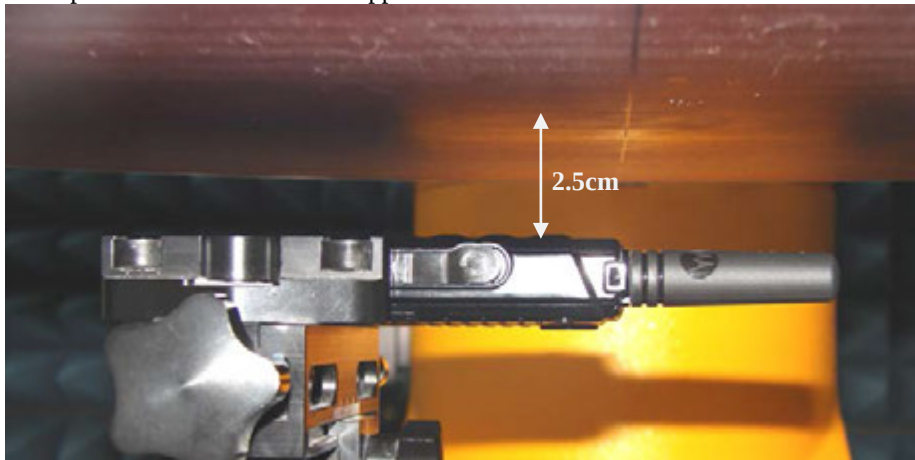


Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
*PMAD4144A	21	25	27
PMAD4145A	21	25	27
PMAD4146A	21	25	27

*Bandwidth is outside FCC Part 90

1.2 Face

DUT w/ front side, separated 2.5cm from phantom with antenna PMAD4144A and battery PMNN4468A. Same position used for the other applicable antennas.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
*PMAD4144A	28	29	29
PMAD4145A	28	29	29
PMAD4146A	28	29	29

*Bandwidth is outside FCC Part 90

- 1.3 Head- Left ear 15° tilt**
Not applicable.

- 1.4 Hand**
Not applicable.

2.0 Other SAR tested positions at the body

2.1 Body worn

DUT w/ antenna PMAD4146A with offered battery PMNN4468A and swivel carry holster PMLN7190A against the phantom and audio cable PMLN7156A attached. Same position used for the other applicable antennas.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
*PMAD4144A	21	25	27
PMAD4145A	21	25	27
PMAD4146A	21	25	27

*Bandwidth is outside FCC Part 90

- 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 tilts
Not applicable.

4.3 Right ear, touch
Not applicable.

4.4 Right ear 15° 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 tested accessories. Refer to Part 1 of 2, section 7.0 for additional details on the offered accessories.

6.1 Antennas dimension and photo(s):

Antennas Kit #	Physical Length (cm)	Electrical Length
PMAD4144A	5	$\frac{1}{4}$ wave
PMAD4145A	5	$\frac{1}{4}$ wave
PMAD4146A	5	$\frac{1}{4}$ wave



6.2 Body worn accessories:



**DUT Side View
Belt clip PMLN7128A**



**DUT Back View
Belt clip PMLN7128A**



**DUT Front View
Swivel Carry Holster
PMLN7190A**



**DUT Side View
Swivel Carry Holster
PMLN7190A**



**DUT Back View
Swivel Carry Holster
PMLN7190A**

6.3 Battery accessory:



Left – Right; Back, front and side views: PMNN4468A

6.4 Audio accessory:



PMLN7156A Earbud with in-line Mic/PTT, Mag One

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	125.7	55	22
Radio with battery PMNN4468A	125.7	55	22

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

