

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.05

Exhibit 7B: SAR Test Report Photographs

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Approval Date: 11/9/2015

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Date: 2015.11.10 10:47:39 -0500

Report Revision History

Date	Revision	Comments
11/09/2015	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

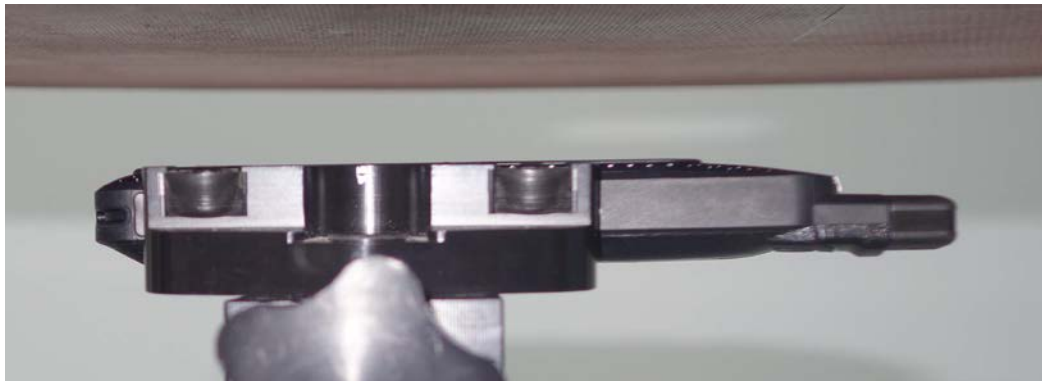
DUT with antenna PMAE4091A with offered battery HKNN4013A and body worn kit PMLN5956B w/DUT face out against the phantom without an audio accessory attached. Same position used for other applicable offered antennas with or without audio accessories and internal WLAN antenna without audio accessory attached. Only one battery HKNN4013A offered for this body worn configuration.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4077B	22	27	28
PMAE4091A	22	27	28
PMAE4092A	22	27	28

1.2 Face

Front of DUT with antenna PMAF4092A with offered battery PMNN4468A separated 2.5cm from the phantom without an audio accessory attached. Same position used for other applicable offered antennas, battery and internal WLAN antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4077B	28	31	32
PMAE4091A	28	31	32
PMAE4092A	28	31	32

1.3 Head
Not applicable.

1.4 Hand
Not applicable

2.0 Other SAR tested positions at the body

2.1 Body worn

DUT with antenna PMAE4091A with offered battery PMNN4468A, audio PMLN5958B, and body worn kit PMLN5956B w/ DUT face in. Same position used for the other applicable offered antennas, battery and and internal WLAN antenna without audio accessory attached



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4077B	20	33	34
PMAE4091A	20	33	34
PMAE4092A	20	33	34

DUT with antenna PMAF4091A with offered battery PMNN4468A, audio PMLN5958B, and body worn kit PMLN7040A against the phantom. Same position used for the other applicable offered antennas, battery and internal WLAN antenna without audio accessory attached



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4077B	10	33	36
PMAE4091A	10	33	36
PMAE4092A	10	33	36

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 tested accessories. Refer to 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
PMAE4077B	25	$\frac{1}{4}$ wave
PMAE4091A	25	$\frac{1}{4}$ wave
PMAE4092A	25	$\frac{1}{4}$ wave



Left to Right (Fixed antenna pointed with arrow): PMAE4077B, PMAE4091A and PMAE4092A

6.2 Body worn accessories



PMLN5956B w/DUT face out (Front, Back and Side view)



PMLN5956B w/DUT face in (Front, Back and Side view)



PMLN7040A (Front, Back and Side view)

6.3 Battery accessories:



Front View (left to right): PMNN4468A, HKNN4013A



Back View (left to right): PMNN4468A, HKNN4013A



Side View (left to right): PMNN4468A, HKNN4013A

6.4 Tested Audio accessories:



PMLN5958B

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	122	55	16
Radio with battery PMNN4468A	122	55	24
Radio with battery HKNN4013A	122	55	22

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



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

W1 = (Width @ Top) / (Width @ PTT)

D2 = (Depth @ Bottom) / (Depth @ PTT)