


MOTOROLA SOLUTIONS


TESTING CERT # 2518.05

Exhibit 7B: SAR Test Report Photographs

Motorola Solutions Inc
EME Test Laboratory
Motorola Solutions Malaysia Sdn Bhd (455657-H)
Plot 2, Bayan Lepas Technoplex Industrial Park,
Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.



Deanna Zakharia
EME Lab Senior Resource Manager,
Laboratory Director

Approval Date: 11/30/2015

Deanna
Zakharia

Digitally signed by Deanna Zakharia
 DN: cn=Deanna Zakharia,
 o=Motorola Solutions,
 ou=Regulatory Compliance Lab,
 email=redc015@motorolasolutions.com, c=US
 Date: 2015.11.30 10:17:49 -05'00'

Report Revision History

Date	Revision	Comments
11/10/2015	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with antenna PMAF4018A with offered battery HKNN4013A and body worn kit PMLN7040A against the phantom without an audio accessory attached. Same position used for other applicable battery, with or without audio accessories and internal WLAN antenna without audio accessory attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4018A	10	32	34

1.2 Face

Front of DUT with antenna PMAF4018A with offered battery PMNN4468A separated 2.5cm from the phantom without an audio accessory attached. Same position used for other applicable battery and internal WLAN antenna (for WLAN testing).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4018A	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 PMAF4018A with offered battery PMNN4468A, audio PMLN5958B, and body worn kit PMLN5956B w/ DUT face in. Same position used for the other applicable offered 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
PMAF4018A	22	33	34

DUT with antenna PMAF4018A with offered battery HKNN4013A, audio PMLN5958B, and body worn kit PMLN5956B w/ DUT face out against the phantom. Same position used for the 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
PMAF4018A	22	26	26

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
PMAF4018A	19.6	$\frac{1}{4}$ wave



PMAF4018A (Fixed antenna pointed with arrow)

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 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)