

**MOTOROLA SOLUTIONS****MS ISO/IEC 17025
TESTING
SMM No.0826****Exhibit 7B: SAR Test Report Photographs****Motorola Solutions Inc****EME Test Laboratory**

Motorola Solutions Malaysia Sdn Bhd (Innoplex)

Plot 2A, Medan Bayan Lepas

Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.



Front



Back

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Report Revision History

Date	Revision	Comments
10/27/2017	A	Initial release
12/14/2017	B	Update SAR result for 2.4 GHz and 5 GHz

1.0 Highest SAR Test Position per body location

1.1 Body

Front of DUT with offered high capacity battery PMNN4549A and body worn PMLN7698A carry holster with swivel clip against the phantom. Same position used for back of DUT facing phantom and other applicable offered battery.



Antenna kit #	Separation Distances (mm)	
	@ front surface of the Body worn	@ bottom surface of the Body worn
DUT @ Back		
AN000183A05	35	8
DUT @ Front		
AN000183A05	35	8

1.2 Face

Not applicable.

1.3 Head

Not applicable.

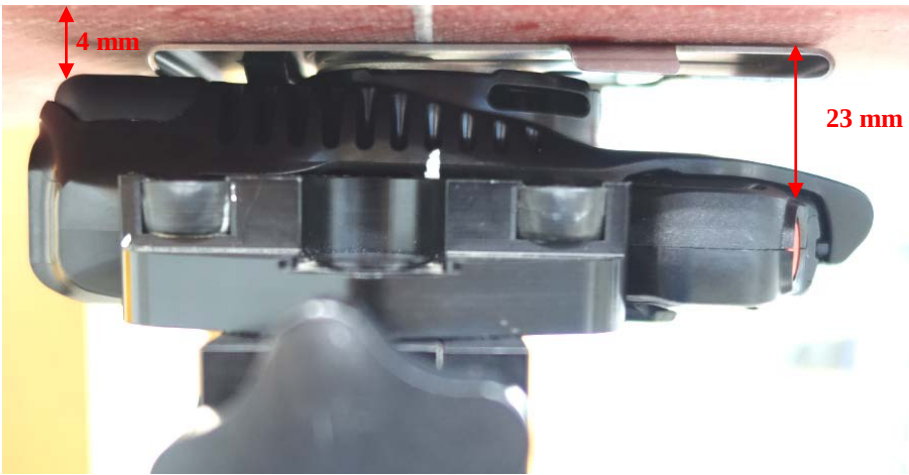
1.4 Hand

Not applicable

2.0 Other SAR tested positions at the body

2.1 Body worn

Front of DUT with offered standard battery PMNN4507A and body worn PMLN7699A carry holster with metal pocket clip against the phantom. Same position used for back of DUT facing phantom and other applicable offered battery.



Antenna kit #	Separation Distances (mm)	
	@ front surface of the Body worn	@ bottom surface of the Body worn
DUT @ Back		
AN000183A05	23	4
DUT @ Front		
AN000183A05	23	4

Front of DUT with offered standard battery PMNN4507A and body worn PMLN7700A carry holster with Peter Jones mounting stud and GMDN0386A Peter Jones (ILG) click fast sew on dock against the phantom. Same position used for back of DUT facing phantom and other applicable offered battery.



Antenna kit #	Separation Distances (mm)	
	@ front surface of the Body worn	@ bottom surface of the Body worn
DUT @ Front		
AN000183A05	27	15
DUT @ Back		
AN000183A05	27	15

Front of DUT with offered standard battery PMNN4507A and body worn PMLN7700A carry holster with Peter Jones mounting stud and WALN4307A Peter Jones (ILG) klick fast retro fitting garment dock (screw in) against the phantom. Same position used for back of DUT facing phantom and other applicable offered battery.



Antenna kit #	Separation Distances (mm)	
	@ front surface of the Body worn	@ bottom surface of the Body worn
DUT @ Front		
AN000183A05	35	20
DUT @ Back		
AN000183A05	35	20

Front of DUT with offered standard battery PMNN4507A and body worn PMLN7698A carry holster with swivel clip with PMLN7415A shoulder epaulette strap against the phantom. Same position used for back of DUT facing phantom and other applicable offered battery.



Antenna kit #	Separation Distances (mm)	
	@ front surface of the Body worn	@ bottom surface of the Body worn
DUT @ Front		
AN000183A05	40	10
DUT @ Back		
AN000183A05	40	10

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 Front of DUT at 2.5cm separation**
Not applicable.
- 3.2 Back of DUT at 2.5cm separation**
Not applicable.

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	Description
AN000183A05	Internal WLAN antenna, 5150-5850 MHz, $\lambda/2$ wave, Low - 2.56 dBd, Mid -0.59 dBd, High 0.7 dBd Internal WLAN/BT antenna, 2400-2484 MHz, $\lambda/4$ wave, Low -2.57 dBd, Mid -2.41 dBd, High -2.02 dBd



AN000183A05 antenna pointed with arrow

6.2 Body worn accessories



PMLN7698A carry holster with swivel clip and PMLN7415A shoulder epaulette strap.
(DUT Front, Back & Side View)



PMLN7700A Carry holster with Peter Jones mounting stud and WALN4307A Klick fast retro fitting garment dock (screw in).

(DUT Back & Side View).



PMLN7700A Carry holster with Peter Jones mounting stud and GMDN0386A Klick fast sew on dock.
(DUT Back & Side View).



PMLN7699A Carry holster with metal pocket clip.
(DUT Front Back & Side View).



PMLN7698A Carry holster with swivel clip.
(DUT Back & Side View).

7.0 Battery Accessory Photos



PMNN4507A slim battery.



PMNN4530A ultra high cap battery.



PMNN4508A high capacity battery.



PMNN4549A ultra high capacity battery.