

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

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Approval Date: 3/16/2015

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Date: 2015.03.16 11:45:14 -04'00'

Report Revision History

Date	Revision	Comments
3/13/2015	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

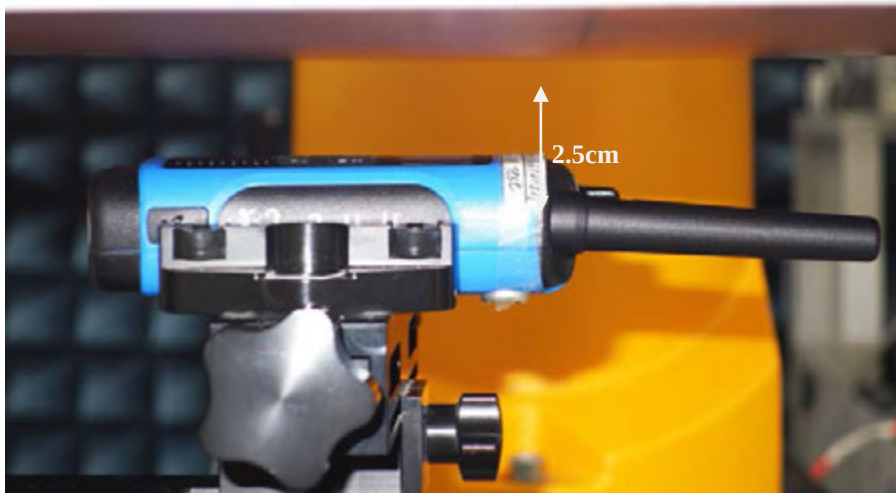
DUT w/ fixed antenna with offered battery PMNN4477A and belt clip PMLN7220A against the phantom and audio cable GU6970A attached. Same configuration with other offered batteries and audio accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
Fixed	10	19	17

1.2 Face

DUT w/ front side, separated 2.5cm from phantom with fixed antenna and battery PMNN4477A. Same configuration with other offered batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
Fixed	29	34	39

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
Not applicable.

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
Fixed	9.7	$\frac{1}{4}$ wave



6.2 Body worn accessories:



PMLN7220A Belt Clip; Side and Back View

6.3 Battery accessories:



PMNN4477A Rechargeable battery; Front, Side and Back View

6.4 Audio accessory:



GU6970A Electronic Earmuff (MHP71)



53724B Remote Speaker Microphone



53727B Earbud with PTT Microphone



56320B Earpiece w/Boom Microphone



GU7140A Wired PTT button + 56320B



PMLN7251A Earbud with PTT Microphone

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	131	60	35
Radio with battery PMNN4477A and 3XAA Alkaline	131	60	40

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



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

$W1 = (\text{Width @ Top}) / (\text{Width @ PTT})$

$D2 = (\text{Depth @ Bottom}) / (\text{Depth @ PTT})$