

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.05

Exhibit 7B: SAR Test Report Photographs

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Report Revision History

Date	Revision	Comments
02/15/2016	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with fixed antenna, offered battery PMNN4477A and body worn kit 1564028V01 against the phantom with an audio accessory GU6970A attached. Same position used for other applicable offered battery and audio accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
Fixed Antenna	10	18	19

1.2 Face

Front of DUT with fixed antenna and offered battery PMNN4477A separated 2.5cm from the phantom without an audio accessory attached. Same position used for other applicable offered battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
Fixed Antenna	28	32	33

1.3 Head
Not applicable.

1.4 Hand
Not applicable

2.0 Other SAR tested positions at the body

2.1 Body worn
Refer to section 1.1, only 1 body worn offered for this product.

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
Fixed	59.8	¼ wave



The arrow pointing to fixed antenna

6.2 Body worn accessory:

1564028V01(Side and Back view)

6.3 Battery accessory:

PMNN4477A 3xAA NiMH rechargeable battery pack (front, back and side view)

6.4 Tested Audio accessories:



53724B Remote Speaker Microphone



53725B Headset w/Swivel Boom Microphone



PMLN7251A Ear bud with PTT Microphone



GU7140A Wired PTT button +
56320B Earpiece with Boom Microphone Bundle



53727B Ear bud W/Push-to-Talk Microphone



GU6970A Electronic Earmuff

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio with battery PMNN4477A and 3xAA Alkaline	126	61	39

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)