



MOTOROLA SOLUTIONS



TESTING CERT # 2518.05

Exhibit 7B: SAR Test Report Photographs

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Report Revision History

| Date | Revision | Comments |
|-------------|-----------------|-----------------|
| 10/27/2015 | A | Initial release |

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with fixed antenna, offered battery 3xAA Alkaline and body worn kit PMLN7240A against the phantom with an audio accessory 53724B attached. Same position used for other applicable offered batteries and audio accessories.



| Antenna kit # | Separation Distances (mm) | | |
|---------------|-----------------------------|------------------|-----------------|
| | @ bottom surface of the DUT | @ antenna's base | @ antenna's tip |
| Fixed Antenna | 13 | 25 | 30 |

1.2 Face

Front of DUT with fixed antenna and offered battery KEBT-1300 separated 2.5cm from the phantom without an audio accessory attached. Same position used for other applicable offered batteries.



| Antenna kit # | Separation Distances (mm) | | |
|---------------|-----------------------------|------------------|-----------------|
| | @ bottom surface of the DUT | @ antenna's base | @ antenna's tip |
| Fixed Antenna | 28 | 35 | 35 |

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 | 80 | ¼ wave |



Fixed antenna pointed with arrow (Antenna model: EAN.144F.823RA1)

6.2 Body worn accessories



PMLN7240A(Side and Back view)

6.3 Battery accessories:



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



KEBT-1300 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, KEBT-1300 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)