



**MOTOROLA SOLUTIONS**



MS ISO/IEC 17025  
TESTING  
SAMM No.0826

**Exhibit 7B: SAR Test Report Photographs**

**Motorola Solutions Inc**

**EME Test Laboratory**

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*Tiong*

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**Approval Date: 3/29/2018**

**Report Revision History**

| <b>Date</b> | <b>Revision</b> | <b>Comments</b> |
|-------------|-----------------|-----------------|
| 03/29/2018  | A               | Initial release |

**1.0 Highest SAR Test Position per body location**

**1.1 Body**

DUT with antenna AAM32X001 with offered battery FNB-V143LI (AAM29X001) and body worn kit AAM34X001 against the phantom with an audio accessory MH-Z101B attached. Same position used for the other applicable offered antenna.



| Antenna kit # | Separation Distances (mm)   |                  |                 |
|---------------|-----------------------------|------------------|-----------------|
|               | @ bottom surface of the DUT | @ antenna's base | @ antenna's tip |
| AAM32X001     | 5                           | 29               | 41              |
| AAM43X001     | 5                           | 29               | 38              |

**1.2 Face**

Front of DUT with antenna AAM32X001 with offered battery FNB-V143LI (AAM29X001) separated 2.5cm from the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



| Antenna kit # | Separation Distances (mm)   |                  |                 |
|---------------|-----------------------------|------------------|-----------------|
|               | @ bottom surface of the DUT | @ antenna's base | @ antenna's tip |
| AAM32X001     | 28                          | 35               | 41              |
| AAM43X001     | 28                          | 35               | 41              |

**1.3 Head**  
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 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 |
|---------------|----------------------|-------------------|
| AAM32X001     | 124                  | 1/2 wave          |
| AAM43X001     | 90                   | 1/2 wave          |



**Left to Right: AAM32X001, AAM43X001**

6.2 Body worn accessories



Back View



Side View

AAM34X001  
Belt Clip

**6.3 Battery accessories:**



**FNB-V143-LI (AAM29X001)**  
From Left to Right: Front view, Back view and Side view

**6.4 Audio accessories:**



**MH-Z101B**

6.5 DUT Dimensions

|   | Height (mm) | Width (mm) | Depth (mm) |
|---|-------------|------------|------------|
| Radio only (w/o battery)                  | 89          | 54         | 23         |
| Radio with battery FNB-V143LI (AAM29X001) | 119         | 60         | 50         |

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)