


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.


Tiong
Tiong Nguk Ing
Deputy Technical Manager
Approval Date: 3/29/2018
**Tiong
Nguk
Ing**

 Digitally signed
 by Tiong Nguk
 Ing
 Date: 2018.03.29
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Report Revision History

Date	Revision	Comments
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	$\frac{1}{2}$ wave
AAM43X001	90	$\frac{1}{2}$ 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

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

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