

**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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Report Revision History

Date	Revision	Comments
8/3/2018	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with fixed antenna, offered battery KEBT-1300 and body worn kit PMLN7957A against the phantom with an audio accessory NTN8867A (53724C) 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	12	20	23

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	25	33	35

1.3 Head
Not applicable.

1.4 Hand
Not applicable

2.0 Other SAR tested positions at the body

2.1 Body worn

DUT with fixed antenna, offered battery KEBT-1300 and body worn kit PMLN7706A against the phantom with an audio accessory NTN8867A (53724C) 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	0	13	14

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
Not applicable

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 antenna	65.7	¼ wave



Fixed antenna pointed with arrow (Antenna model: 328010048)

6.2 Body worn accessories

Belt Clip PMLN7957A



Side view



Back view

Carry Pouch PMLN7706A



Front view



Side View



Back View

6.3 Battery accessories:



KEBT-1300 NiMH rechargeable battery packs (front, side, and back view)



3x AA Alkaline battery



PMNN4477A NiMH rechargeable battery packs (front, side, and back view)

6.4 Audio accessories:



GU6443A (1518)



NTN9396B (56320B)



IXTN4011A



NTN8867A (53724C)



NTN8868C (53725C)



NTN8870D (53727B)



PMLN7251A



PMLN7705A

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio with battery PMNN4477A, KEBT-1300 and 3xAA Alkaline	122	56	32.5

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



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

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

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