


MOTOROLA SOLUTIONS

CERTIFICATE 2518.01
Exhibit 7B: SAR Test Report Photographs

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Approval Date: 1/27/2016

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Report Revision History

Date	Revision	Comments
1/17/2016	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with antenna 8575078C02 with offered battery 60012000002 and body worn kit 4280383X62 against the phantom with an audio HKLN4604A attached. Same configuration used for other offered battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
8575078C02	6	31	42

1.2 Face

DUT with antenna 8575078C02 with offered battery 60012000002 separated 2.5cm from the phantom without an audio accessory attached. Same configuration used for other offered battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
8575078C02	30	37	44

- 1.3 Head**
Not applicable.
- 1.4 Hand**
Not applicable
- 1.5 Front Side against phantom**
Not applicable.
- 1.6 Back side against phantom**
Not applicable.
- 1.7 Front 2.5cm separation**
Not applicable
- 1.8 Antenna 2.5cm separation**
Not applicable
- 1.9 Back 2.5cm separation**
Not applicable

2.0 Other SAR tested positions at the head

- 2.1 Left ear touch**
Not applicable.
- 2.2 Left ear tilt**
Not applicable.
- 2.3 Right ear touch**
Not applicable.
- 2.4 Right ear tilt**
Not applicable.

3.0 Other SAR tested positions at the hand

- 3.1 Left side**
Not applicable.
- 3.2 Right side**
Not applicable.
- 3.3 Top side**
Not applicable.
- 3.4 Bottom side**
Not applicable.
- 3.5 Back side**
Not applicable.

4.0 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.

4.1 Antenna dimension and photo(s):

Antenna Kit #	Physical Length (mm)	Electrical Length
8575078C02	132	$\frac{1}{4}$ wave

**8575078C02**

4.1 Body worn accessory:



Belt clip 4280383X62
Side and Back view

4.2 Battery accessories:



60012000002
Front, Back and Side view



6080384X65
Front, Back and Side view

4.3 Audio accessory:



HKLN4604A

4.4 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	116	55	35
Radio with battery 60012000002	116	55	41
Radio with battery 6080384X65	116	55	39

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



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

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

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