

**MOTOROLA SOLUTIONS**

CERTIFICATE 2518.05

Exhibit 7B: SAR Test Report Photographs**Motorola Solutions Inc****EME Test Laboratory**

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**Tiong Nguk Ing****Deputy Technical Manager (Approved Signatory)****Approval Date: 8/5/2020****Tiong
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by Tiong Nguk
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Date: 2020.08.05
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Report Revision History

Date	Revision	Comments
08/05/2020	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

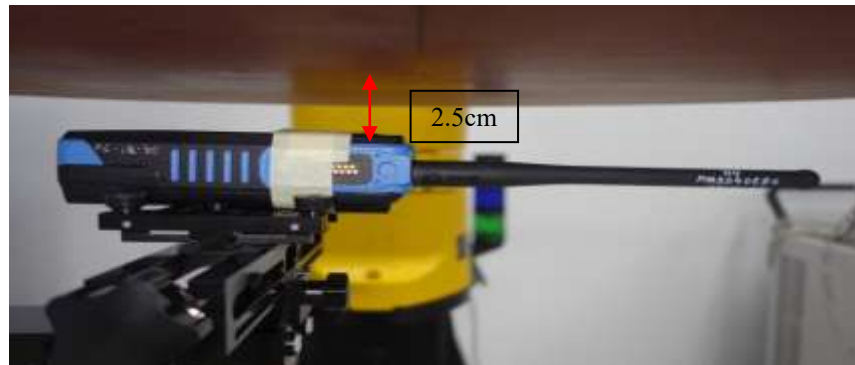
DUT w/ antenna PMAD4069C with offered battery NNTN8386A and body worn accessory PMLN6086A positioned against the phantom with audio accessory PMMN4050A attached. Same position is used for the other applicable offered antennas.



Antenna	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4067C	9	30	48
PMAD4068C	9	30	48
PMAD4069C	9	30	48
PMAD4088B	9	30	56

1.2 Face

Front of DUT w/ antenna PMAD4068C and offered battery NNTN8386A positioned at 2.5cm separation from the phantom same position is used for the other applicable offered antennas.



Antenna	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4067C	26	41	49
PMAD4068C	26	41	49
PMAD4069C	26	41	49
PMAD4088B	26	41	55

2.0 Other SAR tested positions at the body

2.1 Body worn

DUT with antenna PMAD4069C, offered battery NNTN8386A, audio accessory PMMN4050A, and body worn accessory PMLN6097A positioned against the phantom. Same position is used for the other applicable offered antennas.



Antenna	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4067C	0	72	130
PMAD4068C	0	72	130
PMAD4069C	0	72	130
PMAD4088B	0	72	155

DUT w/ antenna PMAD4069C with offered battery NNTN8386A, audio accessory PMMN4050A and body worn accessory PMLN6099A positioned against the phantom. Same position is used for the other applicable offered antennas.



Antenna	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4067C	0	72	133
PMAD4068C	0	72	133
PMAD4069C	0	72	133
PMAD4088B	0	72	158

3.0 Other SAR tested positions at the face**3.1 Back of DUT at 2.5cm separation**

NA

3.2 Front of DUT at 2.5cm separation

Refer to Section 1.2

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	Physical Length (cm)	Electrical Length
PMAD4067C	17	5/8 wave
PMAD4068C	17	5/8 wave
PMAD4069C	17	5/8 wave
PMAD4088B	21.5	5/8 wave



Left to Right: PMAD4067C, PMAD4068C, PMAD4069C, PMAD4088B

4.2 Body worn accessories



PMLN6086A



PMLN6097A



PMLN6099A

4.3 Battery accessory:



NNTN8386A back view (left), side view (centre) & front view (right)

Audio accessory:



PMMN4050A

4.4 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	138	66	30
Radio with battery NNTN8386A	138	66	40

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



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

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

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