

	 SMM 826 CERTIFICATE 2518.05
Exhibit 7B: SAR Test Report Photographs	
Motorola Solutions Inc EME Test Laboratory Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.	
	

Report Revision History

Date	Revision	Comments
10/02/2024	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

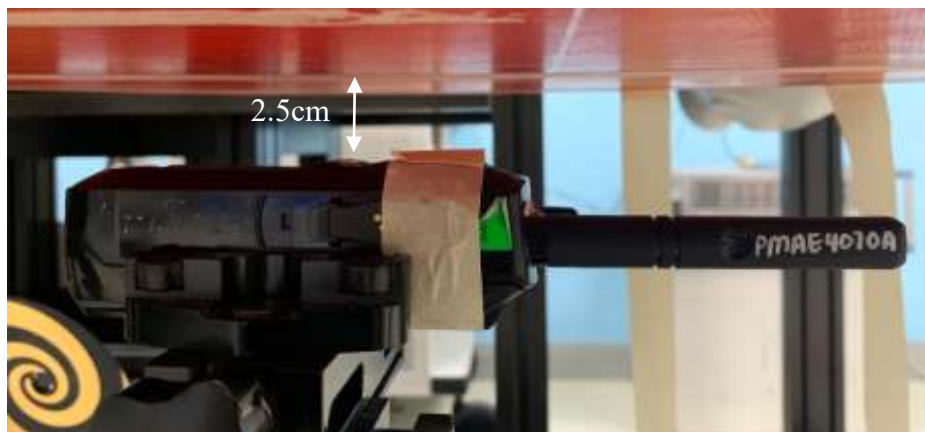
DUT w/ antenna PMAE4070A with offered battery PMNN4888A and body worn kit PMLN4651A against the phantom without an audio accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4070A	86	27	38

1.2 Face

Back of DUT w/ antenna PMAE4070A with offered battery PMNN4809A separated 2.5cm from the phantom without an audio accessory attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4069A	32	40	41
PMAE4070A	32	40	41
PMAE4071A	32	40	41
PMAE4079A	32	40	47
AN000348A01	32	40	41

1.3 Head
Not applicable.

1.4 Hand
Not applicable

2.0 Other SAR tested positions at the body

2.1 Body worn

DUT w/ antenna PMAE4070A with offered battery PMNN4888A and body worn kit PMLN4651A against the phantom without an audio accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4069A	8	27	38
PMAE4070A	8	*27-32	*38-42
PMAE4071A	8	27	38
PMAE4079A	8	27	50
AN000348A01	8	27	38

(*) Depending on applicable offered battery

DUT with antenna PMAE4071A with offered battery PMNN4888A and body worn PMLN7008A against the phantom with an audio PMMN4170A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4069A	6	28	39
PMAE4070A	6	28	39
PMAE4071A	6	*28-34	*39-43
PMAE4079A	6	28	50
AN000348A01	6	29	39

(*) Depending on applicable offered battery

DUT with antenna PMAE4071A with offered battery PMNN4888A and body worn PMLN8662A w/o belt loop w/ NTN5243A against the phantom with an audio PMMN4170A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4069A	0	47	63
PMAE4070A	0	47	63
PMAE4071A	0	*47-50	*63-75
PMAE4079A	0	47	84
AN000348A01	0	47	63

(*) Depending on applicable offered battery

DUT with antenna PMAE4070A with offered battery PMNN4888A and body worn PMLN8663A w/ NTN5243A against the phantom with an audio PMMN4170A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4069A	0	58	90
PMAE4070A	0	58	90
PMAE4071A	0	58	90
PMAE4079A	0	58	115
AN000348A01	0	58	90

DUT with antenna PMAE4071A with offered battery PMNN4888A and body worn PMLN8664A w/ NTN5243A against the phantom with an audio PMMN4170A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4069A	2	45	65
PMAE4070A	2	45	65
PMAE4071A	2	*45-50	*65-70
PMAE4079A	2	46	85
AN000348A01	2	45	65

(*) Depending on applicable offered battery

3.0 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.

3.1 Antenna dimension and photo(s):

Antenna Kit #	Physical Length (mm)	Electrical Length
AN000348A01	90	$\frac{1}{4}$ wave
PMAE4069A	90	$\frac{1}{4}$ wave
PMAE4070A	90	$\frac{1}{4}$ wave
PMAE4071A	90	$\frac{1}{4}$ wave
PMAE4079A	150	$\frac{1}{4}$ wave

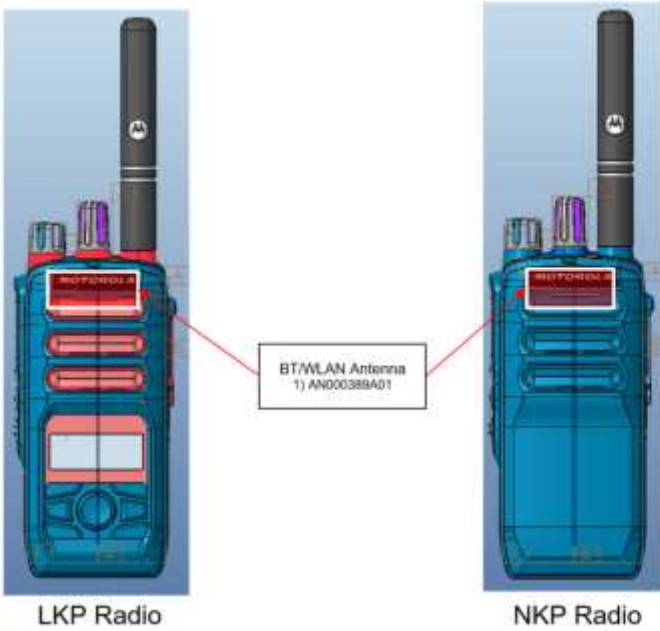


From top to bottom: AN00348A01, PMAE4069A, PMAE4070A, PMAE4071A and PMAE4079A

3.2 **Antenna photo: BT/WLAN**

Antenna Kit #	Physical Length (mm)	Electrical Length
AN00389A01	Internal	¼ wave

Danube LKP/NKP Radio Antenna



3.3 Body worn accessories



**PMLN4651A
DUT Side View**



**PMLN4651A
DUT Back View**



**PMLN7008A
DUT Side View**



**PMLN7008A
DUT Back View**



PMLN4651A



PMLN7008A



**PMLN8662 with NTN5243A
(Front view)**



**PMLN8662 with NTN5243A
(Side view)**



**PMLN8663 with NTN5243A
(Front View)**



**PMLN8663 with NTN5243A
(Side View)**



**PMLN8664 with NTN5243A
(Front View)**



**PMLN8664 with NTN5243A
(Side View)**

3.4 Battery accessories:



**PMNN4888A
Front, Side, Back Views**



**PMNN4889A
Front, Side, Back Views**



PMNN4890A
Front, Side, Back Views

3.5 Audio accessories:



PMMN4170A

3.6 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	127	64	38
Radio with battery PMNN4888A	127	64	41
Radio with battery PMNN4889A	127	64	46
Radio with battery PMNN4890A	127	64	46

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



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

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

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