

 MOTOROLA SOLUTIONS		 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
09/12/2024	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

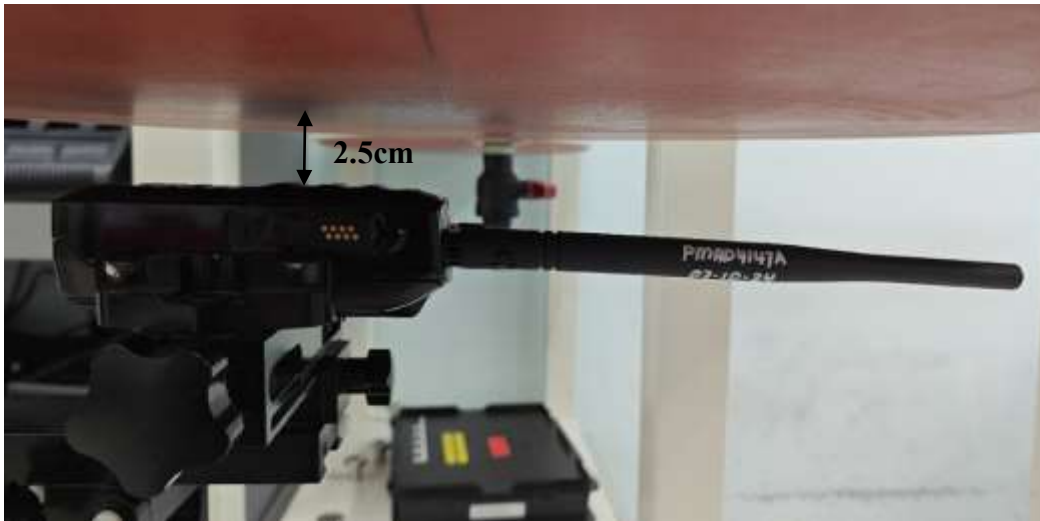
DUT w/ antenna PMAD4118A with offered battery PMNN4889A and body worn kit PMLN4651A against the phantom without an audio accessory attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4118A	8	33	54

1.2 Face

Back of DUT w/ antenna PMAD4147A with offered battery PMNN4890A 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
PMAD4147A	27	40	46

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 antenna PMAD4121B with offered battery PMNN4888A and body worn kit HLN6602A against the phantom with audio PMMN4170A. Same position used for the other applicable offered antenna and battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4121B	*0-2	*20-22	*25-27
PMAD4116A	2	20	14
PMAD4117A	2	20	14
PMAD4118A	2	20	14
PMAD4120A	2	20	25
PMAD4147A	2	20	18

(*) Depending on applicable offered battery

DUT with antenna PMAD4118A with offered battery PMNN4889A and body worn kit PMLN4651A against the phantom with audio PMMN4170A. Same position used for the other applicable offered antenna and battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4118A	*6-8	*28-33	*45-54
PMAD4116A	6	28	45
PMAD4117A	6	28	45
PMAD4120A	6	28	36
PMAD4121B	6	28	36
PMAD4147A	6	28	60

(*) Depending on applicable offered battery

DUT with antenna PMAD4118A with offered battery PMNN4888A and body worn kit PMLN7008A against the phantom with audio PMMN4170A. Same position used for the other applicable offered antenna and battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4118A	6	*28-34	*50-53
PMAD4116A	6	28	50
PMAD4117A	6	28	50
PMAD4120A	6	28	40
PMAD4121B	6	28	40
PMAD4147A	8	30	55

(*) Depending on applicable offered battery

DUT with antenna PMAD4118A with offered battery PMNN4888A and body worn kit PMLN8662A w/o belt loop w/ NTN5243A against the phantom with audio PMMN4170A. Same position used for the other applicable offered antenna and battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4118A	0	*80-95	*45-55
PMAD4116A	0	80	45
PMAD4117A	0	80	45
PMAD4120A	0	80	48
PMAD4121B	0	65	48
PMAD4147A	0	100	48

(*) Depending on applicable offered battery

DUT with antenna PMAD4147A with offered battery PMNN4888A and body worn kit PMLN8663A w/ NTN5243A against the phantom with audio PMMN4170A. Same position used for the other applicable offered antenna and battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4147A	0	*60-70	*148-155
PMAD4116A	0	60	118
PMAD4117A	0	60	118
PMAD4118A	0	60	118
PMAD4120A	0	60	95
PMAD4121B	0	60	95

(*) Depending on applicable offered battery

DUT with antenna PMAD4147A with offered battery PMNN4888A and body worn kit PMLN8664A w/ NTN5243A against the phantom with audio PMMN4170A. Same position used for the other applicable offered antenna and battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAD4147A	0	*46-52	*100-111
PMAD4116A	0	50	85
PMAD4117A	0	50	85
PMAD4118A	0	50	85
PMAD4120A	0	50	69
PMAD4121B	0	50	69

(*) Depending on applicable offered battery

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 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): LMR

Antenna Kit #	Physical Length (mm)	Electrical Length
PMAD4116A	150	½ wave
PMAD4117A	150	½ wave
PMAD4118A	150	½ wave
PMAD4119A	90	¼ wave
PMAD4120A	90	¼ wave
PMAD4121B	90	¼ wave
PMAD4147A	200	¼ wave

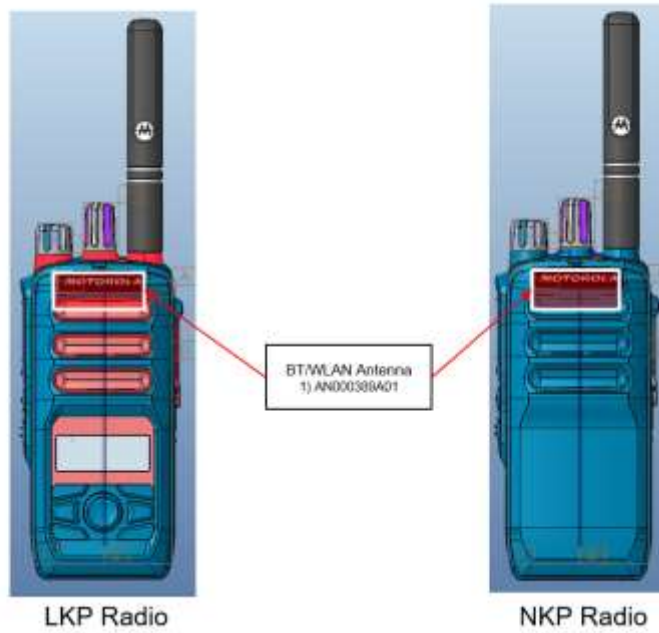


From left to right: PMAD4116A, PMAD4117A, PMAD4118A, PMAD4119A, PMAD4120A, PMAD4121B and PMAD4147A

3.2 Antenna photo: BT/WLAN

Antenna Kit #	Physical Length (mm)	Electrical Length
AN000389A01	Internal	¼ wave

Danube LKP/NKP Radio Antenna



3.3 Body worn accessories



i). HLN6602A



ii). PMLN4651A

iii). PMLN7008A



iv). PMLN8662A w/o belt loop w/ NTN5243A



v). PMLN8663A w/ NTN5243A



vi). PMLN8664A w/ NTN5243A



i). HLN6602A



ii). PMLN4651A



iii). PMLN7007A



iv). PMLN8662A w/o belt loop w/ NTN5243A



v). PMLN8663A w/ NTN5243A



vi). PMLN8664A w/ NTN5243A

3.4 Battery accessories:



i). PMNN4888A front, side and back views



ii). PMNN4889A front, side and back views



iii). PMNN4890A front, side and back views

3.5 Audio accessories:



PMMN4170A

3.6 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	126	68	36
Radio with battery PMNN4888A	126	68	41
Radio with battery PMNN4889A	126	68	45
Radio with battery PMNN4890A	126	68	46

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



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

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

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