

	    <p>MS ISO/IEC 17025 TESTING SMM No. 0826</p> <p>CERTIFICATE 2518.05</p>
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**Exhibit 7B: SAR Test Report Photographs**

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**(Approved Signatory)**  
**Approval Date: 11/22/2021**

**Report Revision History**

<b>Date</b>	<b>Revision</b>	<b>Comments</b>
11/18/2021	A	Initial release

**1.0 Highest SAR Test Position per body location**

**1.1 Body**

DUT with antenna PMAE4016A with offered battery NNTN4970A and body worn kit RLN4570A against the phantom with PMNN4092A audio accessory attached. Same position used for the other applicable offered antennas and batteries.

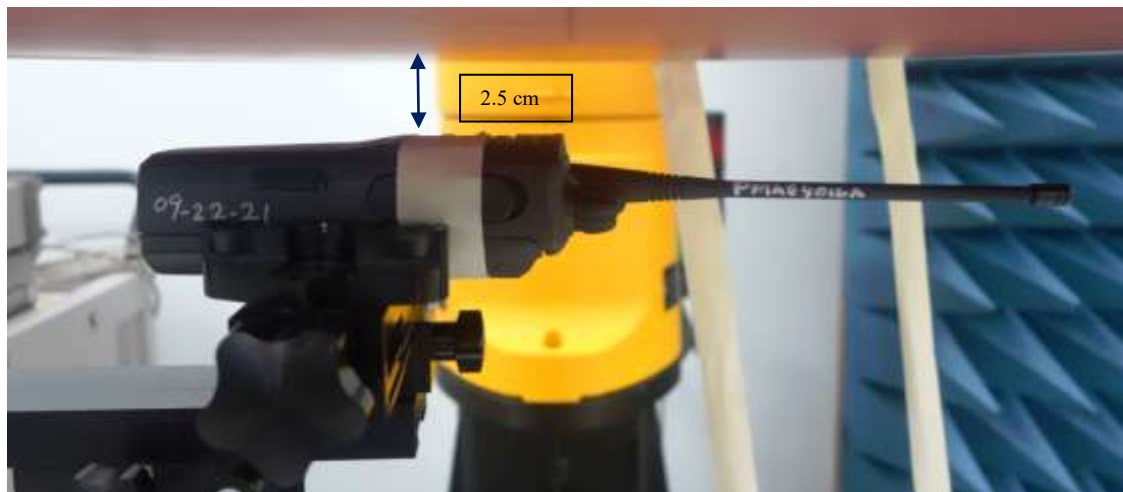


Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	0	21	29
PMAE4003A	0	23	25
PMAE4016A	0	24	35

(\*) Depending on applicable offered battery

**1.2 Face**

Front of DUT w/ antenna PMAE4016A with offered battery NNTN4497D 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
PMAE4002A	27	36	41
PMAE4003A	27	36	41
PMAE4016A	27	37	55

**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 PMAE4016A with offered battery NNTN4970A and body worn HLN6602A against the phantom with an audio PMMN4013A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	0	23	25
PMAE4003A	0	23	25
PMAE4016A	4	24	31

DUT with antenna PMAE4016A with offered battery NNTN4851A and body worn HLN8255B against the phantom with an audio PMMN4013A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	8	32	42
PMAE4003A	8	32	42
PMAE4016A	8	33	53

DUT with antenna PMAE4016A with offered battery NNTN4970A and body worn HLN9701B w/ NTN5243A against the phantom with an audio PMMN4013A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	12	31	39
PMAE4003A	12	31	39
PMAE4016A	12	31	36

DUT with antenna PMAE4016A with offered battery PMNN4251B and body worn RLN4815A against the phantom with an audio PMMN4013A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	5	43	55
PMAE4003A	5	43	55
PMAE4016A	5	44	60

DUT with antenna PMAE4016A with offered battery NNTN4851A and body worn RLN5383A W/ NTN5243A against the phantom with an audio PMMN4013A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	0	54	72
PMAE4003A	0	54	72
PMAE4016A	0	54	96

DUT with antenna PMAE4016A with offered battery PMNN4450AR and body worn RLN5384A W/ NTN5243A against the phantom with an audio PMMN4013A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	0	70	102
PMAE4003A	0	70	102
PMAE4016A	0	70	130

DUT with antenna PMAE4016A with offered battery NNTN4851A and body worn RLN5644A against the phantom with an audio PMMN4013A accessory attached. Same configurations offered to other batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4002A	3	34	49
PMAE4003A	3	34	49
PMAE4016A	3	34	66



**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

**Other SAR tested positions at the face**

**2.7 Back of DUT at 2.5cm separation**  
Not applicable

**2.8 Front of DUT at 2.5cm separation**  
Refer to section 1.2

**3.0 Other SAR tested positions at the head**

**3.1 Left ear touch**  
Not applicable.

**3.2 Left ear tilt**  
Not applicable.

**3.3 Right ear touch**  
Not applicable.

**3.4 Right ear tilt**  
Not applicable.

**4.0 Other SAR tested positions at the hand**

**4.1 Left side**  
Not applicable.

**4.2 Right side**  
Not applicable.

**4.3 Top side**  
Not applicable.

**4.4 Bottom side**  
Not applicable.

**4.5 Back side**  
Not applicable.

**5.0 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.

**5.1 Antenna dimension and photo(s):**

Antenna Kit #	Physical Length (mm)	Electrical Length
PMAE4002A	90	¼ wave
PMAE4003A	90	¼ wave
PMAE4016A	170	¼ wave



**From bottom to top: PMAE4002A, PMAE4003A and PMAE4016A**

5.2 Body worn accessories



RLN5644A  
DUT Side View and Back View



HLN8255B  
DUT Side View and Back View



RLN5383A  
DUT Back, Front and Side View



RLN5384B  
DUT Back, Front and Side View



RLN4815A



RLN4570A



HLN9701B



NTN5243A



HLN6602A

5.3 Battery accessories:



PMNN4458BR



PMNN4450AR



PMNN4259AR



PMNN4258AR



PMNN4254AR



PMNN4253AR



PMNN4251B



PMNN4098A



PMNN4072A



NNTN4970A



NNTN4851A



NNTN4497DR

### 5.3 Audio accessories



PMNN4013A



PMMN4092A



PMLN6531A



PMLN6530A



PMLN7468A



PMLN6541A



PMLN6540A



PMLN6539A





PMLN6538A



PMLN6537A



PMLN6536A



PMLN6532A

5.4 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	128	60	33
Radio with battery PMNN4450AR	128	60	40
Radio with battery NNTN4851A	128	60	38
Radio with battery NNTN4497D	128	60	40
Radio with battery PMNN4098A	128	60	38
Radio with battery PMNN4251B	128	60	41
Radio with battery PMNN4253AR	128	60	38
Radio with battery PMNN4254AR	128	60	41
Radio with battery PMNN4258AR	128	60	41
Radio with battery PMNN4259AR	128	60	41
Radio with battery NNTN4970A	128	60	36
Radio with battery PMNN4458BR	128	60	38
Radio with battery PMNN4072A	128	60	39

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



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

W1 = (Width @ Top) / (Width @ PTT)

D2 = (Depth @ Bottom) / (Depth @ PTT)