

**Exhibit 7B: SAR Test Report Photographs**

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Exhibit 7B Revision History

Date	Revision	Comments
7/29/11	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna PMAE4070A offered battery PMNN4407A and body worn accessory RLN4570A against the phantom.

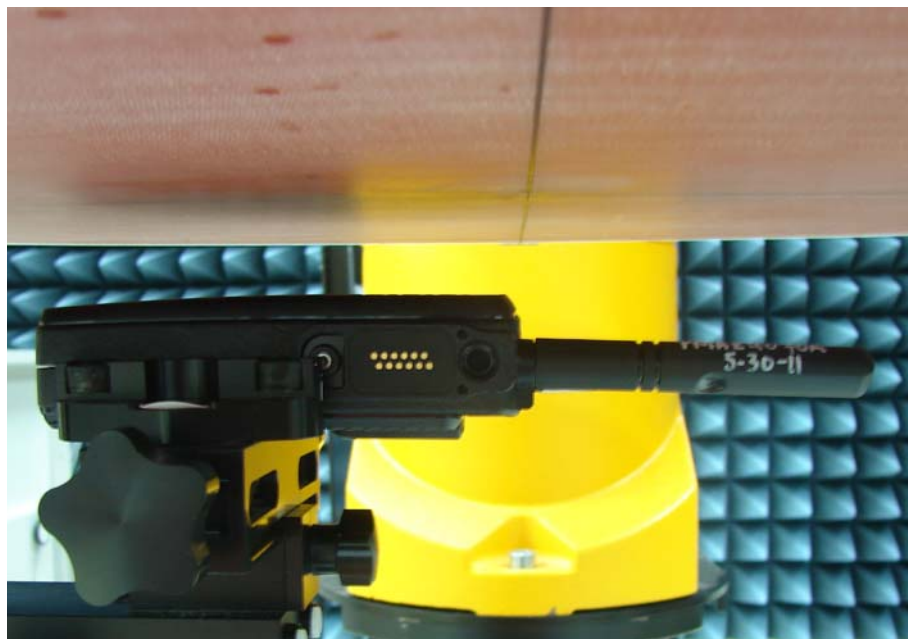


Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4070A	PMNN4407A	0	18	18

1.2

Face

DUT w/ front side separated 2.5cm from phantom with antenna PMAE4070A and battery PMNN4407A. Same position used for the other offered antennas (see table below) and batteries.



Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4068A	PMNN4407A	28	38	45
PMAE4069A	PMNN4407A	28	38	40
PMAE4070A	PMNN4407A	28	38	42
PMAE4071A	PMNN4407A	28	38	42
PMAE4070A	PMNN4406A	28	38	42
PMAE4070A	PMNN4409A	28	38	42
PMAE4070A	PMNN4412A	28	38	42
PMAE4070A	NNTN8129A	28	38	42
PMAE4069A	PMNN4406A	28	38	40
PMAE4069A	PMNN4409A	28	38	40
PMAE4069A	PMNN4412A	28	38	40
PMAE4069A	NNTN8129A	28	38	40

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 PMAE4068A, battery PMNN4407A and body worn RLN4570A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below) and batteries.



Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4068A	PMNN4407A	0	18	18
	PMNN4409A	0	22	22
	PMNN4412A	0	20	22
	NNTN8129A	0	22	22
PMAE4069A	PMNN4407A	0	18	18
	PMNN4409A	0	23	23
	PMNN4412A	0	20	21
	NNTN8129A	0	23	23
PMAE4070A	PMNN4407A	0	18	18
	PMNN4409A	0	23	23
	PMNN4412A	0	20	21
	NNTN8129A	0	23	23
PMAE4071A	PMNN4407A	0	18	18
	PMNN4409A	0	23	24
	PMNN4412A	0	20	21
	NNTN8129A	0	23	23

DUT w/ antenna PMAE4069A, battery PMNN4407A, audio cable PMMN4024A and body worn RLN4815A against the phantom. Same position used for the other offered antennas (see table below) and batteries.



Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4068A	PMNN4407A	10	36	41
PMAE4069A	PMNN4407A	10	36	41
PMAE4070A	PMNN4407A	10	36	41
	PMNN4406A	10	30	31
	PMNN4409A	10	39	40
	PMNN4412A	10	39	40
	NNTN8129A	10	39	40
PMAE4071A	PMNN4407A	10	36	41

DUT w/ antenna PMAE4069A, battery PMNN4407A, audio cable PMMN4024A and body worn PMLN7008A against the phantom. Same position used for the other offered antennas (see table below) and batteries.



Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna`s base	@ antenna`s tip
PMAE4068A	PMNN4407A	6	29	46
PMAE4069A	PMNN4407A	6	29	38
PMAE4070A	PMNN4407A	6	29	38
	PMNN4406A	6	29	38
	PMNN4409A	6	35	43
	PMNN4412A	6	32	41
	NNTN8129A	6	35	43
PMAE4071A	PMNN4407A	6	29	38

DUT w/ antenna PMAE4068A, battery PMNN4407A, audio cable PMMN4024A and body worn PMLN4651A with against the phantom. Same position used for the other offered antennas (see table below) and batteries.



Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4068A	PMNN4407A	6	28	46
PMAE4069A	PMNN4407A	6	28	37
PMAE4070A	PMNN4407A	6	28	37
PMAE4071A	PMNN4407A	6	28	37

DUT w/ antenna PMAE4069A, battery PMNN4407A, audio cable PMMN4024A and body worn PMLN5845A/NTN5243A with fixed belt loop against the phantom. Same position used for the other offered antennas (see table below) and batteries.



Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4068A	PMNN4407A	2	29	43
PMAE4069A	PMNN4407A	2	29	35
PMAE4070A	PMNN4407A	2	29	35
PMAE4071A	PMNN4407A	2	29	35
PMAE4070A	PMNN4406A	2	29	35
PMAE4071A	PMNN4406A	2	29	35
PMAE4070A	PMNN4409A	2	33	39
PMAE4071A	PMNN4409A	2	33	39
PMAE4070A	PMNN4412A	2	30	36
PMAE4071A	PMNN4412A	2	30	36
PMAE4070A	NNTN8129A	2	33	39

DUT w/ antenna PMAE4068A, battery PMNN4407A, audio cable PMMN4024A and body worn PMLN5845A fixed belt loop against the phantom. Same position used for the other offered antennas (see table below) and batteries.



Antenna kit #	Battery kit #	Separation Distances (mm)		
		@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAE4068A	PMNN4407A	2	29	43
PMAE4069A	PMNN4407A	2	29	35
PMAE4070A	PMNN4407A	2	29	35
	PMNN4406A	2	29	35
	PMNN4409A	2	34	40
	PMNN4412A	2	31	36
	NNTN8129A	2	34	40
PMAE4071A	PMNN4407A	2	29	35

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 Back 2.5cm separation
Not Applicable

**2.6 Antenna 2.5cm separation
Not Applicable**

3 Other SAR tested position at the face

**3.1 Back of DUT at 2.cm separation
Not Applicable**

4 Other SAR tested positions at the head

**4.2 Left ear touch
Not Applicable**

**4.3 Left ear tilt
Not Applicable**

**4.4 Right ear touch
Not Applicable**

**4.5 Right ear tilt
Not Applicable**

5.0 Other SAR tested positions at the hand

**5.1 Left side
Not Applicable**

**5.2 Right side
Not Applicable**

**5.3 Top side
Not Applicable**

**5.4 Bottom side
Not Applicable**

**5.5 Back side
Not Applicable**

6.0 DUT and Accessory Photos

The purpose of these photos is to illustrate the offered accessories.

6.1 Antenna photos:

Antenna Kit #	Physical Length (mm)	Electrical Length
PMAE4068A	150	$\frac{1}{4}$ wave
PMAE4069A	90	$\frac{1}{4}$ wave
PMAE4070A	90	$\frac{1}{4}$ wave
PMAE4071A	90	$\frac{1}{4}$ wave



6.1 Tested body worn accessories



Carry strap NTN5243A



Break-A-Way Chest pack RLN4570A



Chest pack HLN6602A



DUT Side View
Belt clip PMLN4651A
2 inch



DUT Back View
Belt clip PMLN4651A
2 inch



DUT Side View
Belt clip PMLN7008A
2.5 inch



DUT Back View
Belt clip PMLN7008A
2.5 inch



DUT Front View
Nylon case PMLN5845A w/ fixed belt
loop



DUT Side View
Nylon case PMLN5845A w/ fixed belt
loop



DUT Back View
Nylon case PMLN5845A w/ fixed belt
loop



Radio pack RLN4815A

6.3 Tested audio accessories



PMLN5111A IMPRESS 3 Wire
Similar to PMLN5112A except color



PMLN5096B Ear set D-Shell



PMLN5102A Headset



**PMLN5275C Heavy
Duty Headset**



RLN5878A 1 wire surveillance
Similar to RLN5879A except color



PMMN4024A RSM
Similar to PMMN4025A



RLN5882A IMPRESS 2 wire surveillance
w/ acoustic tube- black
Similar to RLN5883A except color



RLN5880A 2 wire surveillance
Similar to RLN5881A except color

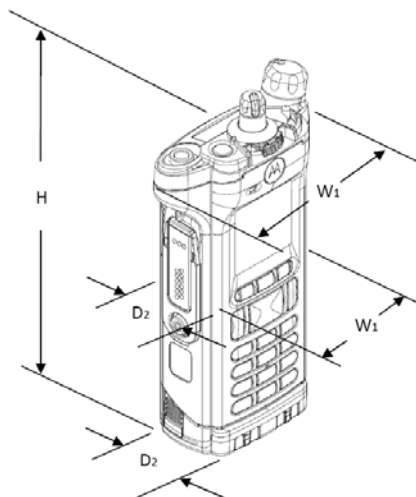
6.4 Tested battery accessories



6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	134	65/58	36/31
Radio with battery PMNN4407A	134	65/58	36/40

The following figure reflects the location of the device's dimensions.



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

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

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