

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

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EME Test Laboratory**
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A handwritten signature in black ink, reading 'Sharifah Zaharia'.

**EMS EME Lab Senior Resource Manager,
Laboratory Director**

Approval Date: 4/3/2013

Exhibit 7B Revision History

Date	Revision	Comments
03/29/2013	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna PMAF4012A offered battery PMNN4407A, audio cable PMMN4040A and body worn accessory RLN4570A against the phantom. Same position used for the other offered antennas and audio accessories (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	0	19	22
PMAF4011A	0	19	24

1.2 Face

DUT w/ front side separated 2.5cm from phantom with antenna PMAF4012A and battery PMNN4406A. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	28	38	45
PMAF4011A	28	38	49

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 PMAF4012A, battery PMNN4406A and body worn PMLN5846A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	0	68	118
PMAF4011A	0	68	138

DUT w/ antenna PMAF4012A, battery PMNN4407A and body worn PMLN5843A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	0	68	118
PMAF4011A	0	68	134

DUT w/ antenna PMAF4012A, battery PMNN4407A and body worn PMLN5845A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	3	28	42
PMAF4011A	3	28	45

DUT w/ antenna PMAF4012A, battery PMNN4407A and body worn PMLN5839A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	0	46	83
PMAF4011A	0	46	88

DUT w/ antenna PMAF4012A, battery PMNN4406A and body worn PMLN7008A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	7	29	47
PMAF4011A	7	29	53

DUT w/ antenna PMAF4012A, battery PMNN4407A and body worn PMLN4651A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	7	29	47
PMAF4011A	7	29	53

DUT w/ antenna PMAF4012A, battery PMNN4406A and body worn RLN4815A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	10	37	47
PMAF4011A	10	37	48

DUT w/ antenna PMAF4012A, battery PMNN4407A and body worn HLN6602A attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas and audio accessories (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	3	21	23
PMAF4011A	3	21	20

DUT w/ antenna PMAF4012A, battery PMNN4407A and body worn PMLN5843A w/ NTN5243A (back of radio w/o belt loop) attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	0	42	69
PMAF4011A	0	42	77

DUT w/ antenna PMAF4012A, battery PMNN4406A and body worn PMLN5845A w/ NTN5243A (back of radio w/ fixed belt loop) attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	3	28	45
PMAF4011A	3	28	45

DUT w/ antenna PMAF4012A, battery PMNN4407A and body worn PMLN5839A w/ NTN5243A (back of radio w/ fixed belt loop) attached, audio cable PMMN4024A against the phantom. Same position used for the other offered antennas (see table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4012A	0	46	79
PMAF4011A	0	46	88

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

3.0 Other SAR tested position at the face

3.1 Back of DUT at 2.5 cm separation
Not Applicable

4.0 Other SAR tested positions at the head

4.1 Left ear touch
Not Applicable

4.2 Left ear tilt
Not Applicable

4.3 Right ear touch
Not Applicable

4.4 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

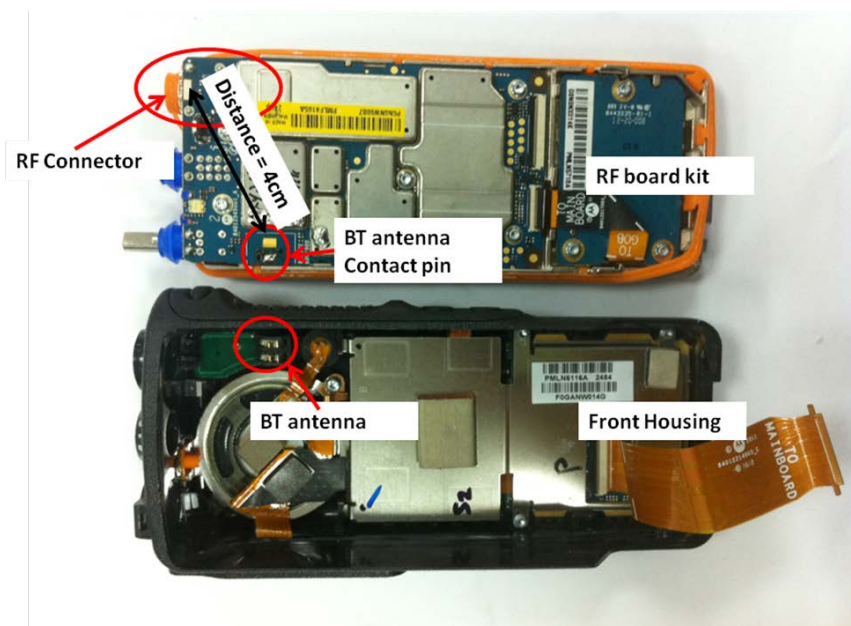
The purpose of these photos is to illustrate the offered accessories.

6.1 Antennas dimension and photo(s):

Antenna Kit #	Physical Length (mm)	Electrical Length
PMAF4011A	16.5	½ wave
PMAF4012A	14	½ wave



Top: PMAF4011A, Bottom: PMAF4012A



Simultaneous antenna separation distance

6.2 Body worn accessories



**DUT Front View
Hard Leather Case with
3 inch Swivel Belt Loop
PMLN5846A**



**DUT Side View
Hard Leather Case with
3 inch Swivel Belt Loop
PMLN5846A**



**DUT Back View
Hard Leather Case with
3 inch Swivel Belt Loop
PMLN5846A**



**DUT Side View
Hard Leather Case
without Swivel Belt
Loop PMLN5846A**



**DUT Front View
Hard Leather Case with
2.5 inch Swivel Belt
Loop PMLN5843A**



**DUT Side View
Hard Leather Case with
2.5 inch Swivel Belt
Loop PMLN5843A**



**DUT Back View
Hard Leather Case with
2.5 inch Swivel Belt
Loop PMLN5843A**



**DUT Side View
Hard Leather Case
without Swivel Belt
Loop PMLN5843A**



DUT Front View
Nylon case with 3 inch
fixed belt loop
PMLN5845A



DUT Side View
Nylon case with 3 inch
fixed belt loop
PMLN5845A



DUT Back View
Nylon case with 3 inch
fixed belt loop
PMLN5845A



DUT Front View
Hard Leather Case with
3 inch Fixed Belt Loop
PMLN5839A



DUT Side View
Hard Leather Case with
3 inch Fixed Belt Loop
PMLN5839A



DUT Back View
Hard Leather Case with
3 inch Fixed Belt Loop
PMLN5839A



**DUT Side View
Belt clip for 2.5-inch
Belt Width PMLN7008A**



**DUT Back View
Belt clip for 2.5-inch Belt
Width PMLN7008A**



**DUT Side View
Belt clip for 2-inch Belt
Width PMLN4651A**



**DUT Back View
Belt clip for 2-inch Belt
Width PMLN4651A**



**Break-A-Way Chest Pack
RLN4570A**



**Universal Chest pack
HLN6602A**



**Shoulder Strap
NTN5243A with
Bodyworn
PMLN5845A**



**Radio pack UNIVERSAL
RADIOPAK & UTILITY
CASE RLN4815A**

6.3 Battery accessories



**Front, Back, and Side View
PMNN4407A**



**Front, Back, and Side View
PMNN4406A**



**Front, Back, and Side View
PMNN4409A**



Front, Back, and Side View
NNTN8129A

6.4 Audio accessories



PMMN4024A Remote Speaker
Microphone



PMMN4040A Remote Speaker
Microphone, Submersible (IP57)



PMMN4050A w/ AARLN4885B
IMPRES large RSM with Earjack,
Noise Canceling; with Receive-Only
Earbud



PMLN5101A IMPRES Temple Transducer with In-Line Push-to-Talk



PMLN5097A IMPRES 3 Wire Surveillance, Black



PMLN5275C Heavy Duty Noise-Canceling Headset



PMLN5096B D-Shell Earset



PMLN5102A Ultra-Lite Headset



RMN5058A Lightweight Headset



**RLN5882A Impres 2-wire
Surveillance Kit with Clear,
Comfortable Acoustic Tube, Black**



**PMLN6129A IMPRES 2 Wire
Surveillance with Acoustic Tube,
Black**

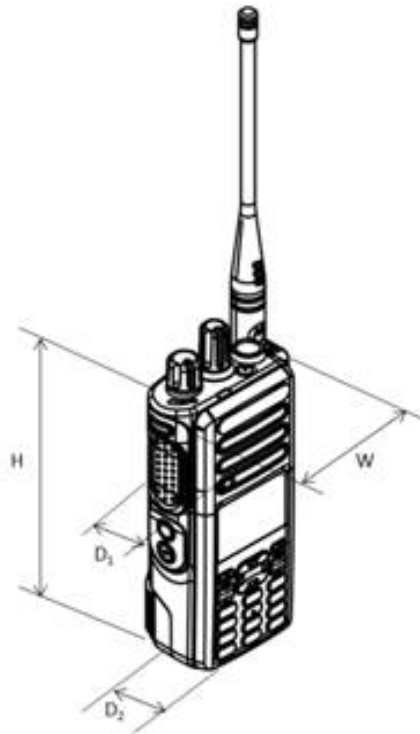


**PMLN6123A IMPRES 3 Wire
Surveillance with Clear,
Comfortable Acoustic Tube, Black**

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	130.33	55.20	33.70
Radio with battery PMNN4406A	130.33	55.20	39.70
Radio with battery PMNN4407A	130.33	55.20	39.70
Radio with battery PMNN4409A	130.33	55.20	45.00
Radio with battery NNTN8129A	130.33	55.20	45.00

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



Note: H = Height; W = Width; D₁ = Depth w/ battery; D₂ = Depth w/o battery