



MS ISO/IEC 17025
TESTING
SAMM No.0826

Exhibit 7B: SAR Test Report Photographs

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Tiong

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Report Revision History

Date	Revision	Comments
05/02/2018	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with antenna Fixed Antenna with offered battery HKNN4013A and body worn kit PMLN7774A against the phantom with an audio accessory HKLN4604B attached. Same configurations offered to other battery and audio accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
Fixed Antenna	13	32	39

1.2 Face

DUT with antenna Fixed Antenna with offered battery HKNN4013ASP01 at front side with separated 2.5 cm from phantom. Same configurations offered to other battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
Fixed Antenna	25	30	32

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 Fixed Antenna with offered battery HKNN4013A and body worn kit HKLN4616B against the phantom with an audio accessory HKLN4606A attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
Fixed Antenna	5	38	48

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 Other SAR tested positions at the face

3.1 Back of DUT at 2.5cm 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 tested accessories. Refer to Part 1 of 2, section 7.0 for additional details on the offered accessories.

6.1 Antenna dimension and photo(s):

Antenna Kit #	Physical Length (mm)	Electrical Length
Fixed Antenna	164	1/2 wave

6.2 Body worn accessories

HKLN4616B



Front View



Back View



Side View

PMLN7774A



Front View



Back View



Side View

6.3 Battery accessories:



HKNN4013A: Front View, Side View and Back View



HKNN4013ASP01: Front View, Side View and Back View

6.4 Audio Accessory



HKLN4606A



HKLN4604B



HKLN4599B



HKLN4601A

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	108	50	23
Radio with battery HKNN4013A	108	50	23
Radio with battery HKNN4013ASP01	108	50	23

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



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

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

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