



MOTOROLA SOLUTIONS



ACCREDITED
TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

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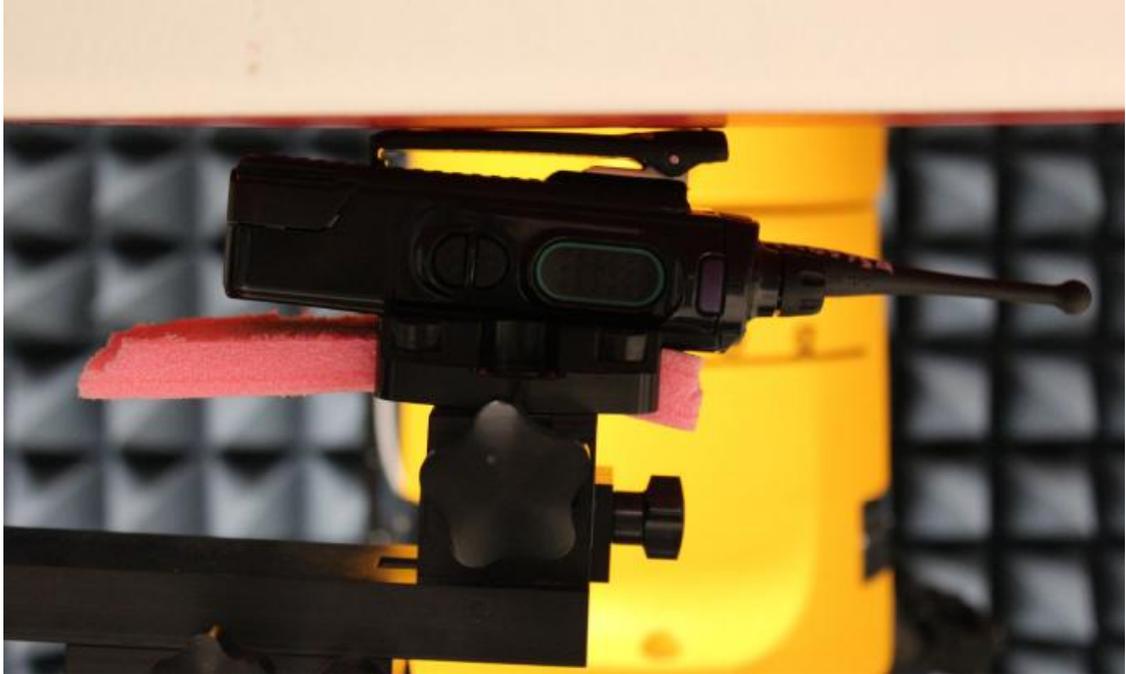
Report Revision History

Date	Revision	Comments
10/03/11	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna NAR6595A with offered battery NNTN8128A and body worn accessory PMLN7008A against the phantom and no audio cable attached. Same position was used for the other offered antenna (see table below), battery and audio cable.

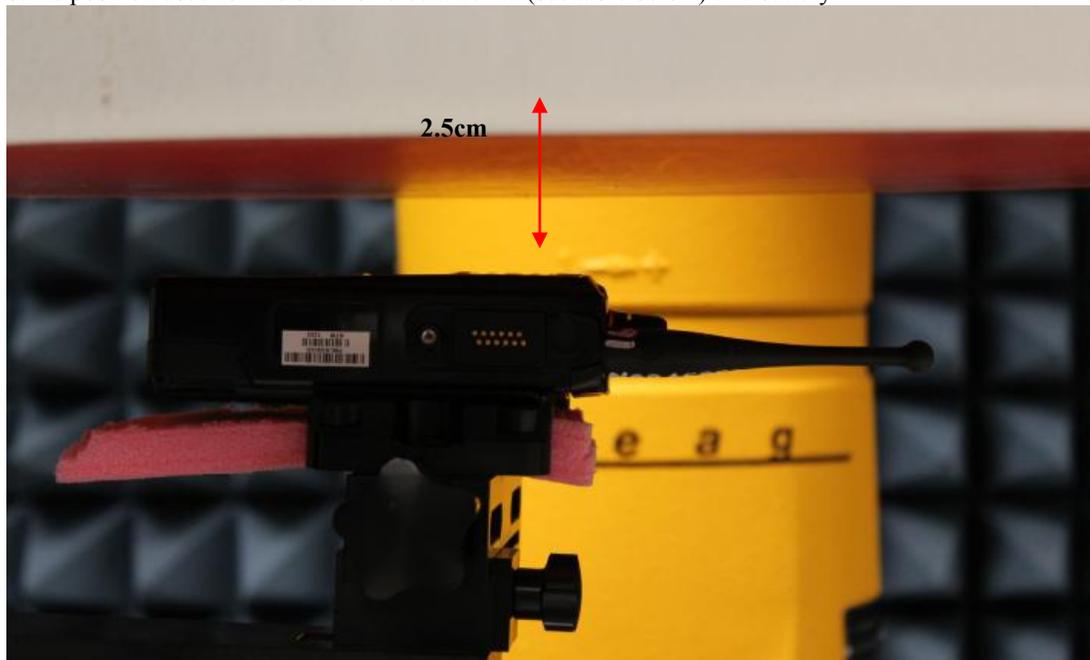


Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6595A	6	*29-35	*42-48
NAF5085A	6	29	52

*Depending on battery

1.2 Face

DUT w/ front side separated 2.5cm from phantom with antenna NAR6595A and battery NNTN8128A
Same position used for the other offered antenna (see table below) and battery



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6595A	25	42	50
NAF5085A	25	42	54

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 NAR6595A, battery NNTN8128A, audio HMN4104B and body worn PMLN4651A against the phantom. Same position used for the other offered antenna (see table below), battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6595A	8	*29-34	*42-46
NAF5085A	8	28	56

*Depending on battery

DUT w/ antenna NAR6595A battery NNTN8128A, audio cable HMN4104B, and body worn PMLN5950A against the phantom. Same position used for the other offered antenna (see table below) and battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6595A	10	76	112
NAF5085A	10	76	144

DUT w/ antenna NAR6595A, battery NNTN8128A, audio cable HMN4104B, and body worn PMLN5950A without belt loop against the phantom and attached carry strap NTN5243A. Same position used for the other offered antenna (see table below) and battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6595A	0	*49-57	*74-83
NAF5085A	0	50	109

*Depending on 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 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 offered accessories. Refer to Part 1 of 2 section 7.0 for more details.

6.1 Antenna dimension and photo:

Antenna Kit #	Physical Length (mm)	Electrical Length
NAR6595A	100	¼ wave
NAF5085A	200	¼ wave



Left-right: NAR6595A, NAF5085A

6.2 Body worn accessories



DUT Back View
Belt clip PMLN4651A



DUT Side View
Belt clip PMLN4651A



DUT Back View
Belt Clip PMLN7008A



DUT Side View
Belt Clip PMLN7008A



DUT Back View
Carry case PMLN5950A



DUT Side View
Carry case PMLN5950A



DUT Front View
Carry case PMLN5950A



**Carry strap NTN5243A
with body worn
PMLN5950A**

6.3 Battery accessories:



Side view left – right:
NNTN8128A, NNTN8129A



Front view left – right:
NNTN8128A, NNTN8129A

6.4 Audio accessories:



RMN5058A Core L/W
headset



PMLN5275C Core H/D
Headset



PMLN5111A Plus 3 wire
– Black – One
programmable button



PMLN5101A IMPRES
Temple transducer



**HMN4104B IMPRES
Display Submersible
RSM w/ jack & CH
selector**



**RLN5882A Plus 2-wire with
translucent tube - Black -
One programmable button**



**PMMN4062A Large
Plus Noise cancelling
RSM IP55 3.5mm jack**



**PMMN4065A Standard
large IP57 RSM**



**PMMN4024A
Core RSM**

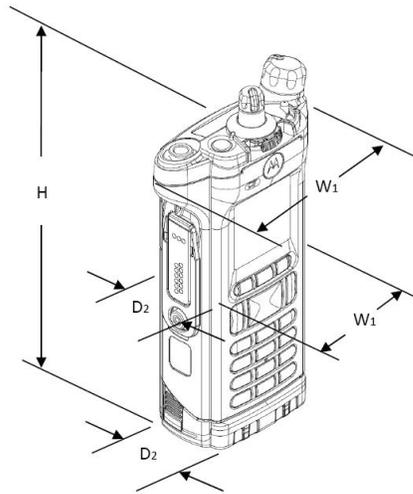


**NNTN7869A
Surveillance/key loader
accessory adapter**

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	130	63/52	32/31
Radio with battery NNTN8128A	130	63/52	35/40

For illustration purposes 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)