

**MOTOROLA SOLUTIONS**

TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

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Approval Date: 7/7/2015

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Report Revision History

Date	Revision	Comments
4/07/2015	A	Initial release
7/01/2015	B	Additional Antenna Added

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna NAR6595A with offered battery NNTN8750A and belt clip PMLN6086A against the phantom with audio PMMN4050A attached. Same position used for the other applicable antenna offered.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
NAR6595A	8	32	42
PMAF4020A	8	33	56

1.2 Face

Front of DUT w/ antenna PMAF4020A with offered battery NNTN8750A separated 2.5cm from the phantom without an audio accessory attached. Same position used for the other applicable antenna offered.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4020A	25	39	50
NAR6595A	26	40	46

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 NAR6595A with offered battery NNTN8750A and belt clip PMLN6086A against the phantom without an audio attached. Same position used for the other applicable antenna offered.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4020A	8	33	56
NAR6595A	8	32	42

DUT with antenna PMAF4020A with offered battery NNTN8750A, audio PMMN4050A, and belt clip PMLN4651A. Same position used for other applicable antenna offered.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4020A	7	33	58
NAR6595A	8	34	46

DUT with antenna PMAF4020A with offered battery NNTN8750A, audio PMMN4050A, and body-worn kit PMLN7327A. Same position used for other applicable antenna offered.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
PMAF4020A	15	67	117
NAR6595A	15	71	95

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

3.2 Front of DUT at 2.5cm separation
Not applicable

3.3 Left ear touch
Not applicable.

3.4 Left ear tilt
Not applicable.

3.5 **Right ear touch**
Not applicable.

3.6 **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
PMAF4020A	194	¼ wave
NAR6595A	100	¼ wave



PMAF4020A

NAR6595A

5.2 Body worn accessories



PMLN6086A: Front and Side View

PMLN4651A: Front and Side View



PMLN7327A: Front, Side and Back View

5.3 Battery accessories:



NNTN8750A: Front, Side and Back View

5.4 Audio accessory:



PMMN4050A Impres RSM

5.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	150	60	35
Radio with battery NNTN8750A	150	60	40

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



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

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

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