



MOTOROLA SOLUTIONS



Exhibit 7B: SAR Test Report Photographs

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Report Revision History

Date	Revision	Comments
7/3/2014	O	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna FAF5260A with offered battery NNTN8128B and body worn kit PMLN7008A against the phantom with audio accessory PMMN4040A attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
FAF5260A	7	28	37

1.2 Face

Back of DUT w/ antenna FAF5260A with offered battery NNTN8128B separated 2.5cm from the phantom without an audio accessory attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
FAF5260A	29	41	44

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 FAF5260A with offered battery NNTN8128B and body worn kit PMLN7008A against the phantom with audio accessory PMMN4040A attached. Same position used for other offered antennas, batteries and audio accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
FAF5260A	*6-7	*28-34	*37-44
PMAE4065A	7	28	46

(*) Depending on applicable offered battery

DUT w/ antenna FAF5260A with offered battery NNTN8128B and body worn kit PMLN4651A against the phantom with audio accessory PMLN6130A attached. Same position used with other offered antennas and batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
FAF5260A	7	28	45
PMAE4065A	7	*28-33	*36-42

(*) Depending on applicable offered battery

DUT w/ antenna FAF5260A with offered battery NNTN8128B and body worn kit PMLN6085A against the phantom with audio accessory PMLN6130A attached. Same position used with other offered antennas and batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
FAF5260A	*20-21	*69-76	*90-98
PMAE4065A	21	69	105

(*) Depending on applicable offered battery

DUT w/ antenna FAF5260A with offered battery NNTN8128B and body worn kit PMLN6085A with carry strap NNTN5243A against the phantom with audio accessory PMLN6130A attached. Same position used with other offered antennas and batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
FAF5260A	0	*49-55	*70-77
PMAE4065A	0	49	89

(*) Depending on applicable offered 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

3.2 Front of DUT at 2.5cm separation

Back of DUT w/ antenna FAF5260A with offered battery NNTN8128B separated 2.5cm from the phantom without an audio accessory attached. Same position used with other offered antennas and batteries.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
FAF5260A	29	41	44
PMAE4065A	29	41	46

(*) Depending on applicable offered battery

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
PMAE4065A	150	½ wave
FAF5260A	93	¼ wave

**Left: PMAE4065A, Right: FAF5260A**

6.2 Body worn accessories



DUT Back View
Belt clip
PMLN4651A



DUT Side View
Belt clip
PMLN4651A



DUT Back View
PMLN7008A



DUT Side View
PMLN7008A



DUT Back View
Carry holder
PMLN6085A



DUT Side View
Carry holder
PMLN6085A



DUT Front View
Carry holder
PMLN6085A



Carry strap
NTN5243A



DUT Side View
Carry holder
PMLN6085A
Carry Strap
NTN5243A

6.3 Battery accessories:



NNTN8128B



PMNN4424AR



PMNN4448AR

6.4 Audio accessories:



PMLN6130A



NNTN7869A



ZMN6031A



ZMN6032A



BDN6730A



BDN6729A



PMMN4040A



PMMN4046A



PMMN4050A



PMLN5102A



PMLN5096B



PMLN5097A



PMLN5653A



HMN4104B



PMMN4062A



PMMN4065A



PMMN4024A



PMLN5101A



RMN5058A



RMN5116A



BDN6783A



PMLN5275B

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	131	60	35
Radio with battery NNTN8128B	131	60	40
Radio with battery PMNN4424AR	131	60	45
Radio with battery PMNN4448AR	131	60	45

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



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

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

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