

 MOTOROLA SOLUTIONS	  SMM 826	  CERTIFICATE 2518.05
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Exhibit 7B: SAR Test Report Photographs

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Report Revision History

Date	Revision	Comments
04/24/2014	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT w/ antenna AN000452A01 with offered battery PMNN4816A and body worn kit PMLN8371A w/ PMLN8508A belt clip against the phantom without an audio accessory attached.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	10	36	57

1.2 Face

Back of DUT w/ antenna AN000452A01 with offered battery PMNN4816A 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
AN000452A01	30	36	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 with antenna AN000452A01 with offered battery PMNN4816A, audio PMMN4128A, and body worn kit PMLN8371A w/ PMLN8507A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	13	40	60

DUT with antenna AN000452A01 with offered battery PMNN4816A, audio PMMN4128A, and body worn kit PMLN8371A w/ PMLN8508A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	10	36	57

DUT with antenna AN000452A01 with offered battery PMNN4816A, audio PMMN4128A, and body worn kit PMLN8372A w/ PMLN8507A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	13	40	60

DUT with antenna AN000452A01 with offered battery PMNN4816A, audio PMMN4128A, and body worn kit PMLN8372A w/ PMLN8508A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	12	40	56

DUT with antenna AN000452A01 with offered battery PMNN4816A, audio PMMN4128A, and body worn kit PMLN8372A w/ PMLN5407A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	21	50	69

DUT with antenna AN000452A01 with offered battery PMNN4816A, audio PMMN4128A, and body worn kit PMLN8372A w/ PMLN5408A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	10	52	72

DUT with antenna AN000452A01 with offered battery PMNN4816A, audio PMMN4128A, and body worn kit PMLN8372A w/ PMLN5409A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	0	60	94

DUT with antenna AN000452A01 with offered battery PMNN4817A, audio PMMN4128A, and body worn kit PMLN8373A w/ PMLN8507A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	10	42	60

DUT with antenna AN000452A01 with offered battery PMNN4817A, audio PMMN4128A, and body worn kit PMLN8373A w/ PMLN8508A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	13	42	59

DUT with antenna AN000452A01 with offered battery PMNN4817A, audio PMMN4128A, and body worn kit PMLN8373A w/ PMLN5407A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	8	52	85

DUT with antenna AN000452A01 with offered battery PMNN4817A, audio PMMN4128A, and body worn kit PMLN8373A w/ PMLN5408A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	11	51	82

DUT with antenna AN000452A01 with offered battery PMNN4817A, audio PMMN4128A, and body worn kit PMLN8373A w/ PMLN5409A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	4	55	90

DUT with antenna AN000452A01 with offered battery PMNN4818A, audio PMMN4128A, and body worn kit PMLN8374A w/ PMLN8507A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	10	42	60

DUT with antenna AN000452A01 with offered battery PMNN4818A, audio PMMN4128A, and body worn kit PMLN8374A w/ PMLN8508A belt clip. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	7	52	82

DUT with antenna AN000452A01 with offered battery PMNN4818A, audio PMMN4128A, and body worn kit PMLN8374A w/ PMLN5407A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	7	57	85

DUT with antenna AN000452A01 with offered battery PMNN4818A, audio PMMN4128A, and body worn kit PMLN8374A w/ PMLN5408A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	7	57	85

DUT with antenna AN000452A01 with offered battery PMNN4818A, audio PMMN4128A, and body worn kit PMLN8374A w/ PMLN5409A belt loop. Same position used for the other applicable offered battery accessories.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
AN000452A01	7	57	85

3.0 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.

3.1 Antenna dimension and photo(s):

Antenna Kit #	Physical Length (mm)	Electrical Length
AN000452A01	120	1/4 wave



AN000452A01



3.2 Body worn accessories



Belt Clip PMLN8507A



Belt Clip PMLN8508A



PMLN5407A



PMLN5408A



PMLN5409A



(Back view)



(Front view)



(Side view)

PMLN8371A



(Back view)



(Front view)



(Side view)

PMLN8372A



(Back view)



(Front view)



(Side view)

PMLN8373A



(Back view)



(Front view)



(Side view)

PMLN8374A

3.3 Battery accessories:



Side, Front, Back View: PMNN4816A



Side, Front, Back View: PMNN4817A



Side, Front, Back View: PMNN4818A

3.4 Audio accessories:



PMMN4128A



NMN6271A w/ PMLN8334A



PMLN6827A w/ PMLN8334A w/ PMLN6828A



PMLN6829A w/ PMLN8334A w/ PMLN6827A



PMLN8085A



PMLN8265A w/ PMLN8297A



PMLN8266A w/ PMLN8297A



PMLN8267A w/ PMLN8297A



PMMN4140A



PMMN4141A



PMMN4142A



PMLN8341A



PMLN8342A



PMMN4132A w/ PMLN8334A



PMMN4137A w/ PMLN8334A

3.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	136	77	43
Radio with battery PMNN4816A	139	77	43
Radio with battery PMNN4817A	144	77	46
Radio with battery PMNN4818A	156	77	46

For illustration purposes only - 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)