



**Exhibit 7B: SAR Test Report Photographs**

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**Approval Date: 4/23/2014**



**Report Revision History**

<b>Date</b>	<b>Revision</b>	<b>Comments</b>
04/23/2014	0	Initial release

**1.0 Highest SAR Test Position per body location**

**1.1 Body**

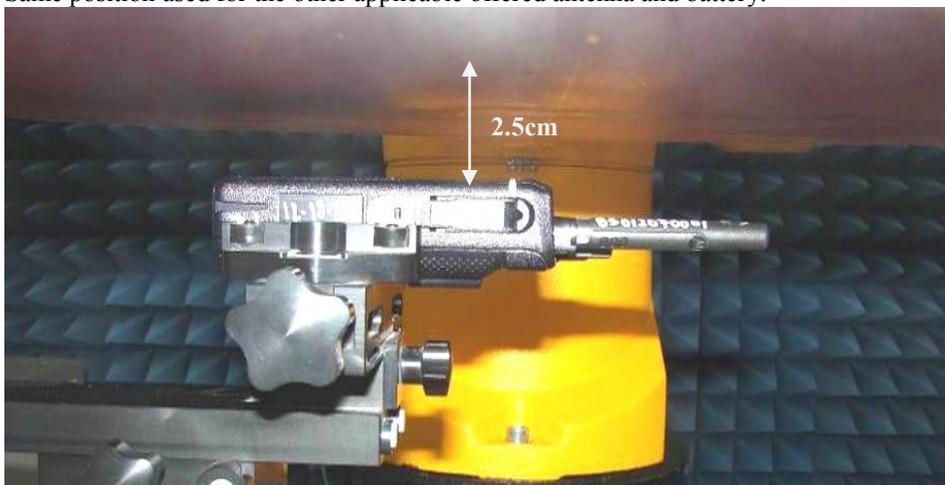
DUT w/ antenna 85012070001 with offered battery NNTN8020A and chest pack RLN4570A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna, battery and audio accessory.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	0	18	20
85012069001	0	19	20

**1.2 Face**

DUT w/ front side separated 2.5cm from phantom with antenna 85012070001 and battery NNTN8023B. Same position used for the other applicable offered antenna and battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	25	39	41
85012069001	25	39	40

**1.3 Head- Left ear touch**

DUT in touch position using offered antenna 85012070001 and battery NNTN8023B. Same position used for the other applicable offered antenna and battery.



**1.4 Hand**

Not applicable.

**2.0 Other SAR tested positions at the body**

**2.1 Body worn**

DUT w/ antenna 85012070001 with offered battery NNTN8020A and belt clip HLN9714A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	8	26	34
85012069001	8	26	30

DUT w/ antenna 85012070001 with offered battery NNTN8020A and belt clip PMLN5616B against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	4	29	39
85012069001	4	29	33

DUT w/ antenna 85012070001 with offered battery NNTN8020A and hard leather case PMLN5885B against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



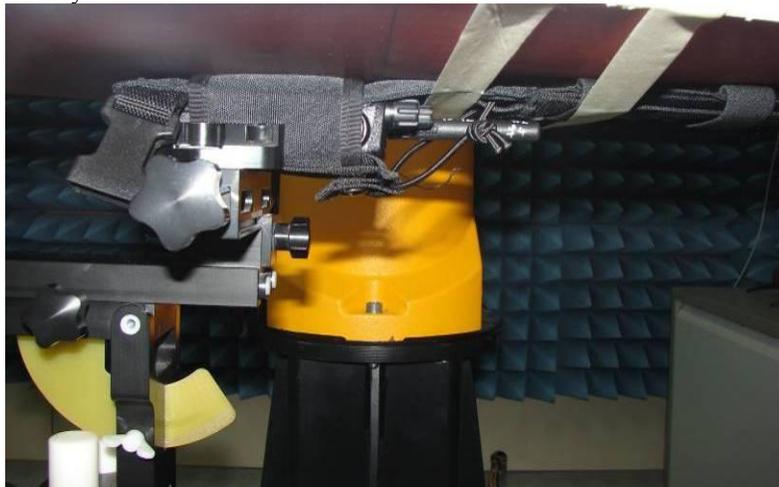
Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	10	70	94
85012069001	10	70	82

DUT w/ antenna 85012070001 with offered battery NNTN8020A and soft leather case PMLN5887B against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	12	68	90
85012069001	12	68	79

DUT w/ antenna 85012070001 with offered battery NNTN8020A and chest pack HLN6602A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna and battery.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	3	17	19
85012069001	3	17	18

DUT w/ antenna 85012070001 with offered battery NNTN8020A and radio utility case RLN4815A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	8	38	43
85012069001	8	38	41

DUT w/ antenna 85012070001 with offered battery NNTN8020A and soft leather case PMLN5890B, shoulder wearing device PMLN5004B with SEW ON dock GMDN0386A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	11	29	32
85012069001	11	29	30

DUT w/ antenna 85012070001 with offered battery NNTN8020A and shoulder wearing device PMLN5004B with SEW ON dock GMDN0386A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	18	29	32
85012069001	18	29	30

DUT w/ antenna 85012070001 with offered battery NNTN8020A and shoulder wearing device PMLN5004B with Peter Jones leather belt loop with mounting dock GMDN0445AC against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	26	42	46
85012069001	26	42	45

DUT w/ antenna 85012070001 with offered battery NNTN8020A and shoulder wearing device PMLN5004B with double tongue tag dock GMDN0547A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	29	33	34
85012069001	29	33	33

DUT w/ antenna 85012070001 with offered battery NNTN8020A and shoulder wearing device PMLN5004B with Peter Jones RSM tag dock GMDN0445AA against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	33	29	24
85012069001	33	29	26

DUT w/ antenna 85012070001 with offered battery NNTN8020A and shoulder wearing device PMLN5004B with belt loop dock GMDN0566AC against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	12	59	82
85012069001	12	59	70

DUT w/ antenna 85012070001 with offered battery NNTN8020A and shoulder wearing device PMLN5004B with Peter Jones screw on dock WALN4307A against the phantom without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	24	34	35
85012069001	24	34	34

DUT w/ antenna 85012070001 with offered battery NNTN8020A, hard leather case PMLN5885B/NTN5243A without the swivel belt loop against the phantom and without an audio accessory attached. Same position used for the other applicable offered antenna.



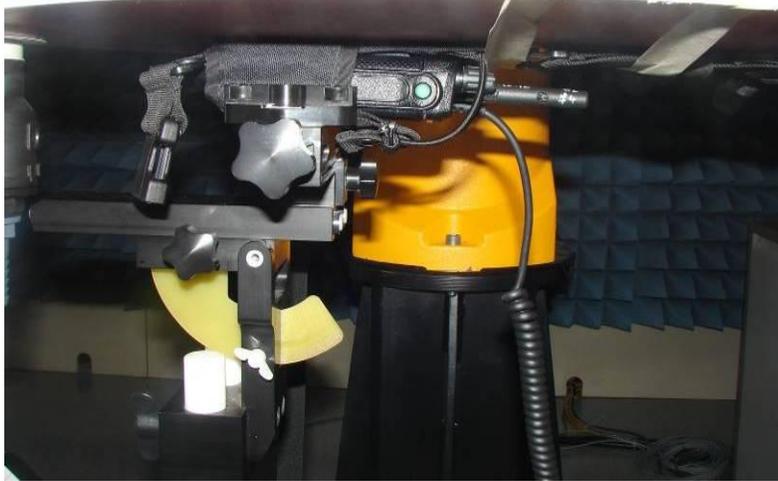
Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	0	47	66
85012069001	0	47	56

DUT w/ antenna 85012070001 with offered battery NNTN8020A, soft leather case PMLN5887B/NTN5243A without the swivel belt loop against the phantom and without an audio accessory attached. Same position used for the other applicable offered antenna.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	0	47	66
85012069001	0	47	56

DUT w/ antenna 85012070001 with offered battery NNTN8020A and chest pack RLN4570A against the phantom with an audio accessory PMMN4072A attached. Same position used for the data cables.



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
85012070001	0	18	20

**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**  
Refer to section 1.2.

**4.0 Other SAR tested positions at the head**

**4.1 Left ear, touch**  
Refer to section 1.3

**4.2 Left ear 15° tilts**  
DUT in tilt position using offered antenna 85012070001 and battery NNTN8023B.  
Same position used for the other applicable offered antenna.



**4.3 Right ear, touch**  
DUT in touch position using offered antenna 85012070001 and battery NNTN8023B.  
Same position used for the other applicable offered antenna and battery.



**4.4 Right ear 15° tilt**

DUT in tilt position using offered antenna 85012070001 and battery NNTN8023B. Same position used for the other applicable offered antenna.



**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 (cm)	Electrical Length
85012069001	3.7	½ wave
85012070001	7.0	½ wave



6.2 Body worn accessories



**DUT Back View  
HLN9714A  
2.5 inch Belt clip**



**DUT Side View  
HLN9714A  
2.5 inch Belt clip**



**DUT Back View  
PMLN5616B  
2.0 inch Belt clip**



**DUT Side View  
PMLN5616B  
2.0 inch Belt clip**



**DUT Front View  
PMLN5885B Hard  
leather case with 3 inch  
swivel belt loop**



**DUT Side View  
PMLN5885B Hard  
leather case with 3 inch  
swivel belt loop**



**DUT Back View  
PMLN5885B Hard  
leather case with 3 inch  
swivel belt loop**



**DUT Front View**  
**PMLN5887B Soft**  
**leather case with 3 inch**  
**swivel belt loop**



**DUT Side View**  
**PMLN5887B Soft**  
**leather case with 3 inch**  
**swivel belt loop**



**DUT Back View**  
**PMLN5887B Soft**  
**leather case with 3 inch**  
**swivel belt loop**



**HLN6602A**  
**Universal chest pack**



**RLN4570A**  
**Break a way chest pack**



**RLN4815A**  
**RadioPak Radio utility case**



**DUT Front View**  
Soft leather case  
PMLN5890B, PMLN5004B  
w/ GMDN0386A



**DUT Side View**  
Soft leather case  
PMLN5890B, PMLN5004B  
w/ GMDN0386A



**DUT Back View**  
Soft leather case  
PMLN5890B, PMLN5004B  
w/ GMDN0386A



**DUT Front View**  
GMDN0445AC w/  
PMLN5004B



**DUT Side View**  
GMDN0445AC w/  
PMLN5004B



**DUT Back View**  
GMDN0445AC w/  
PMLN5004B



**DUT Back view  
GMDN0386A w/  
PMLN5004B**



**DUT Side view  
GMDN0386A w/  
PMLN5004B**



**DUT Back view  
GMDN0445AA  
w/ PMLN5004B**



**DUT Side view  
GMDN0445AA  
w/ PMLN5004B**



**DUT Back view  
GMDN0547A w/  
PMLN5004B**



**DUT Side view  
GMDN0547A w/  
PMLN5004B**



**DUT Back view  
GMDN0566AC  
w/ PMLN5004B**



**DUT Side view  
GMDN0566AC  
w/ PMLN5004B**



**DUT Back view  
WALN4307A w/  
PMLN5004B**



**DUT Side view  
WALN4307A w/  
PMLN5004B**



**PMLN5885B  
Hard leather case w/  
carry strap  
NTN5243A**



**PMLN5887B  
Soft leather case w/  
carry strap  
NTN5243A**

6.3 Battery accessories:



Left – Right; Back, front and side views: NNTN8020A



Left-Right; Back, front and side views: NNTN8023B

**6.4 Audio/data cable accessories:**



**PMMN4072A RSM**

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	124	53	33.5
Radio with battery NNTN8020A	124	53	33.5
Radio with battery NNTN8023B	124	53	36.7

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



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

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

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