

**MOTOROLA SOLUTIONS**

CERTIFICATE 2518.05

Exhibit 7B: SAR Test Report Photographs**Motorola Solutions Inc****EME Test Laboratory**

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Report Revision History

Date	Revision	Comments
8/12/2016	A	Initial release

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with Body worn CLIP-20 attached against the phantom using offered antenna ATV-8B, battery FNB-V133LI-UNI and audio accessory MH-360S. Same position used for other applicable offered antennas, batteries with audio accessories. (See table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
ATV-8A	8	30	49
ATV-8B	*8-10	*30-33	*40-52
ATV-8C	8	30	49
ATV-6XL	8	30	**42-60

(*) Depending on applicable offered battery

(**) Depending on applicable antenna frequency and length

1.2 Face

DUT with front side and parallel and separated 2.5cm from phantom using offered antenna ATV-8C, battery FNB-V133LI-UNI. Same position used for other applicable offered antennas and batteries. (See table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
ATV-8A	*32-33	*39-40	*42-43
ATV-8B	32	39	42
ATV-8C	*32-33	*39-40	*42-43
ATV-6XL	33	40	**44-50

(*) Depending on applicable offered battery

(**) Depending on applicable antenna frequency and length

1.3 Head
Not applicable.

1.4 Hand
Not applicable

2.0 Other SAR tested positions at the body

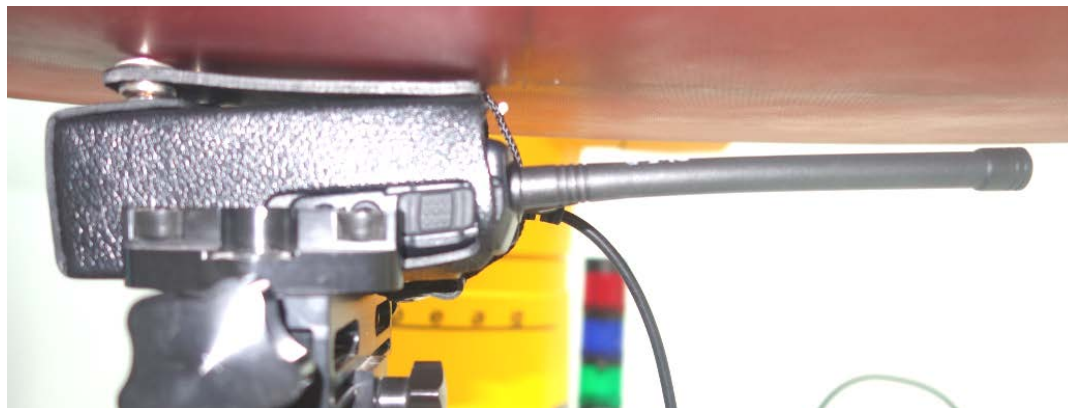
2.1 Body worn

DUT with Body worn LCC-261 attached against the phantom using offered antenna ATV-6XL, battery FNB-V133LI-UNI and audio accessory MH-360S. Same position used with offered antennas and audio accessories. (See table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
ATV-8A	17	20	15
ATV-8B	17	20	15
ATV-8C	17	20	15
ATV-6XL	17	20	15

DUT with Body worn LCC-261H attached against the phantom using offered antenna ATV-6XL, battery FNB-V134LI-UNI and audio accessory MH-360S. Same position used for other applicable offered antennas and battery with audio accessories. (See table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
ATV-8A	17	22	12
ATV-8B	17	22	12
ATV-8C	17	22	12
ATV-6XL	*15-17	*22-25	**12-20

(*) Depending on applicable offered battery

(**) Depending on applicable antenna frequency and length

DUT with Body worn LCC-261S attached against the phantom using offered antenna ATV-8A, battery FNB-V133LI-UNI and audio accessory MH-360S. Same position used for other applicable offered antennas with audio accessories. (See table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
ATV-8A	38	60	80
ATV-8B	38	60	80
ATV-8C	38	60	80
ATV-6XL	38	60	70

DUT with Body worn LCC-261SH attached against the phantom using offered antenna ATV-8B, battery FNB-V134LI-UNI and audio accessory MH-360S. Same position used for other applicable offered antennas and battery with audio accessories. (See table below).



Antenna kit #	Separation Distances (mm)		
	@ bottom surface of the DUT	@ antenna's base	@ antenna's tip
ATV-8A	38	65	82
ATV-8B	38	65	82
ATV-8C	38	65	82
ATV-6XL	38	65	82

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
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)
ATV-8A	150
ATV-8B	150
ATV-8C	150
ATV-6XL	140 – 180 (Adjusted)



Left to Right: ATV-6XL (Adjusted), ATV-8C, ATV-8B and ATV-8A

6.2 Body worn accessories



CLIP-20
Back View



CLIP-20
Side view



**LCC-261
Front View**



**LCC-261
Side View**



**LCC-261
Back View**



**LCC-261H
Front View**



**LCC-261H
Side View**



**LCC-261H
Back View**



**LCC-261S
Front View**



**LCC-261S
Side View**



**LCC-261S
Back View**



**LCC-261SH
Front View**



**LCC-261SH
Side View**



**LCC-261SH
Back View**

6.3 Battery accessories:



FNB-V133LI-UNI
Front and Side View



FNB-V134LI-UNI
Front and Side View



FNB-V136-UNI
Front and Side View

6.4 Audio accessories:



MH-360S

6.5 DUT Dimensions

	Height (mm)	Width (mm)	Depth (mm)
Radio only (w/o battery)	110	62	33
Radio with battery FNB-V133LI-UNI	110	62	40
Radio with battery FNB-V134LI-UNI	110	62	45
Radio with battery FNB-V136-UNI	110	62	47

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



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

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

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