



MOTOROLA



TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

Enterprise Mobility Solutions
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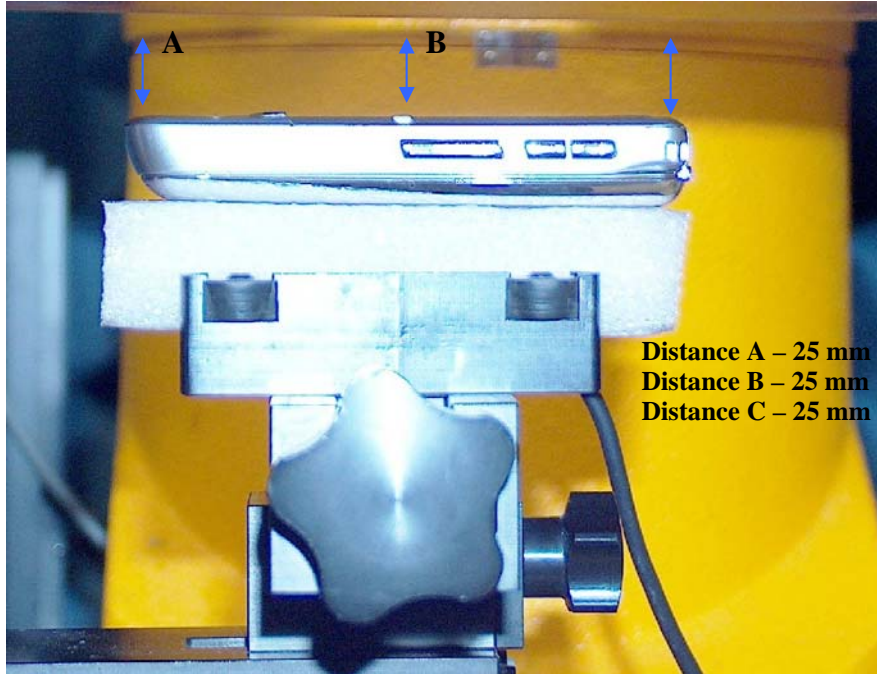
Signature on file
Deanna Zakharia
EMS EME Lab Senior Resource Manager, Laboratory Director

Approval Date: 8/31/09

1.0 Highest SAR Test Position per body location

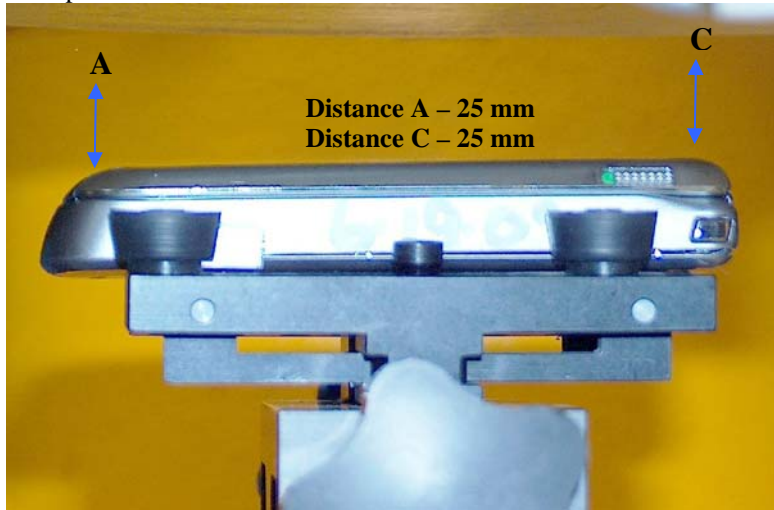
1.1 Body

DUT with its' back side separated 2.5cm from the phantom using battery SNN5823A and with audio accessory SYN1458A attached.



1.2 Face - Flip closed at 2.5cm separation

DUT with flip closed and separated 2.5cm from phantom using battery SNN5793A. Same position used with audio accessories SYN1472A and SYN1458A attached.



1.3 Head

DUT in cheek touch position at right ear using battery SNN5793A.



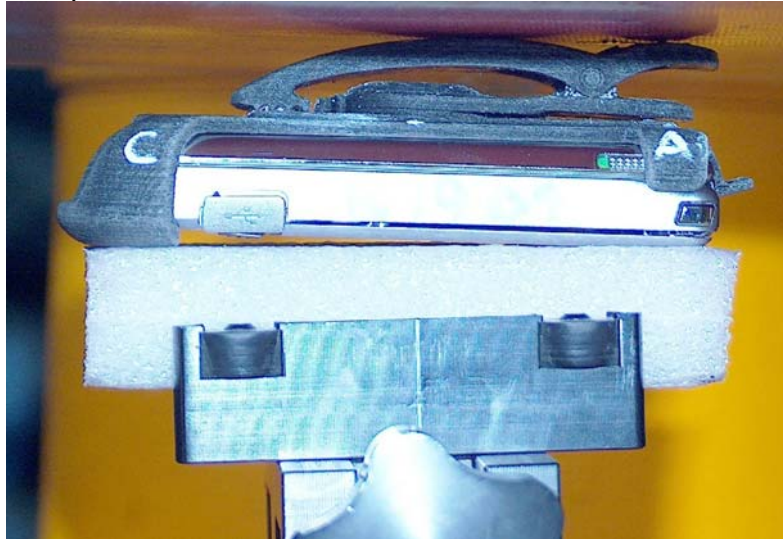
1.4 Hand

Not applicable.

2.0 Other SAR tested positions at the body

2.1 Body worn

DUT using offered battery SNN5823A with body worn NNTN7841A against the phantom.
Same position used with audio/cable attachments SYN1458A, SYN1472A, SKN6238A where applicable.



2.2 Front Side against phantom

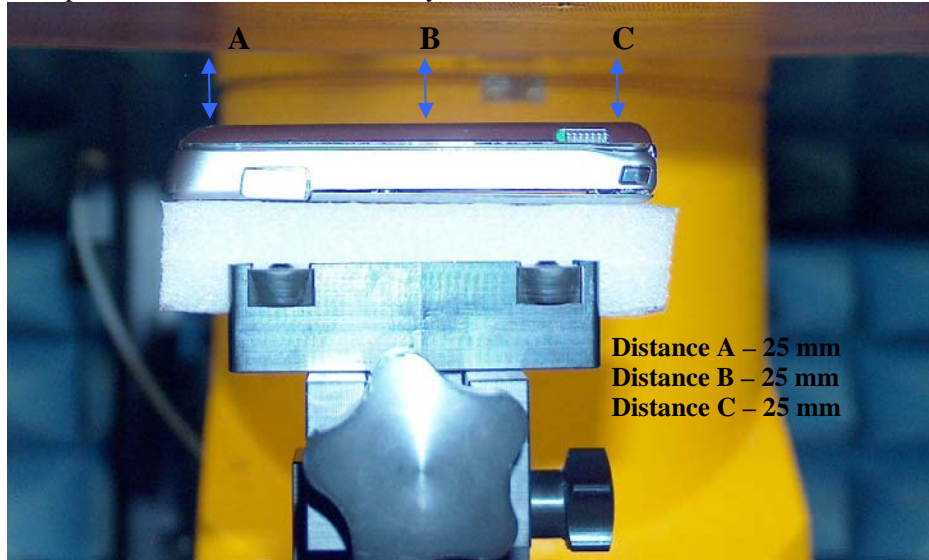
Not applicable.

2.3 Back side against phantom

Not applicable.

2.4 Front 2.5cm separation

DUT with front side separated 2.5cm from phantom using battery SNN5823A. Same position used with audio accessory SYN1458A.



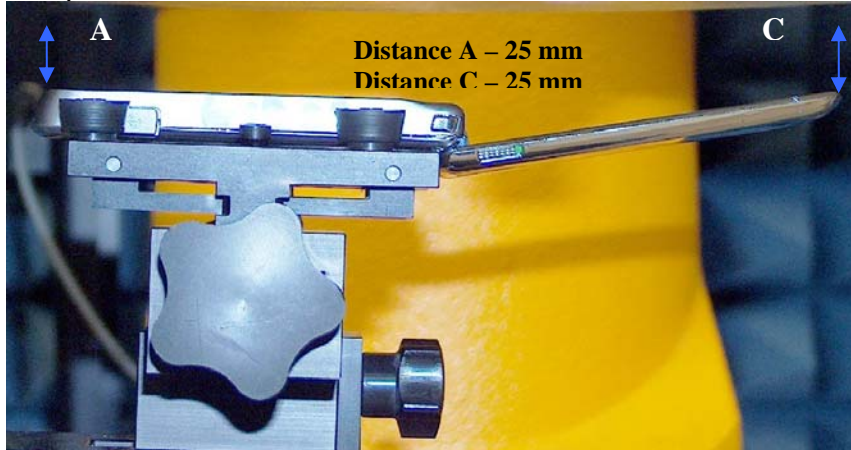
2.5 Back 2.5cm separation

Refer to section 1.1.

3.0 Other SAR tested position at the face

3.1 DUT with flip opened and 2.5cm separation using battery SNN5793A and SNN5823A.

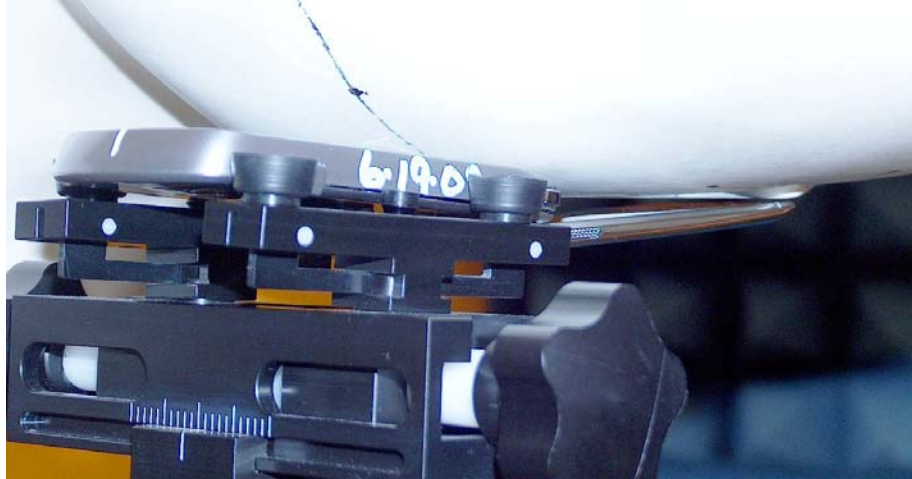
Same position used with audio accessories SYN1472A and SYN1458A attached.



4.0 Other SAR tested positions at the head

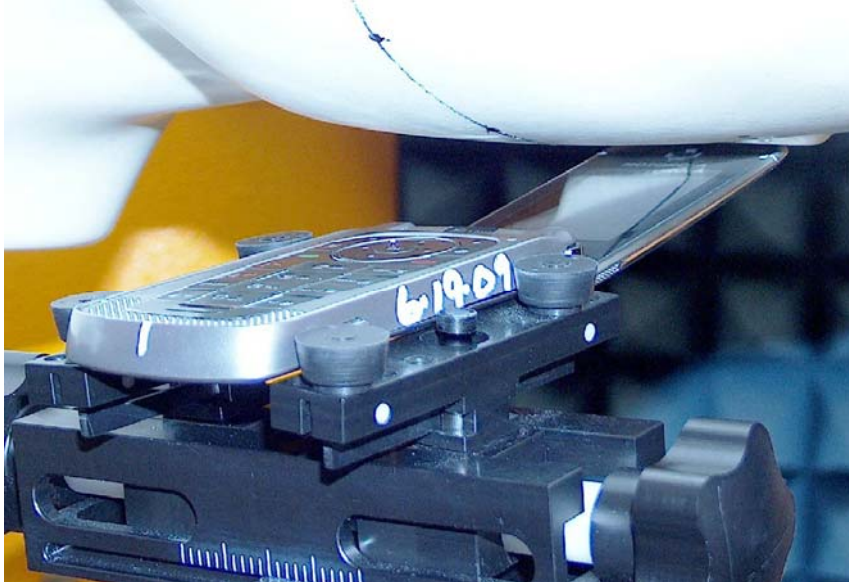
4.1 Left ear touch

DUT in cheek touch position at left ear using battery SNN5793A and SNN5823A.



4.2 Left ear tilt

DUT in 15° tilt position using battery SNN5793A.



4.3 Right ear touch

Refer to section 1.3

4.4 Right ear tilt

DUT in 15° tilt position using battery SNN5793A.

**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 offered body-worn carry accessory(ies). The sample that was used in the following photos represents the product used to obtain the results presented herein.

6.1 Tested body worn photos



**DUT Side View
Carry Holster NNTN7841A**



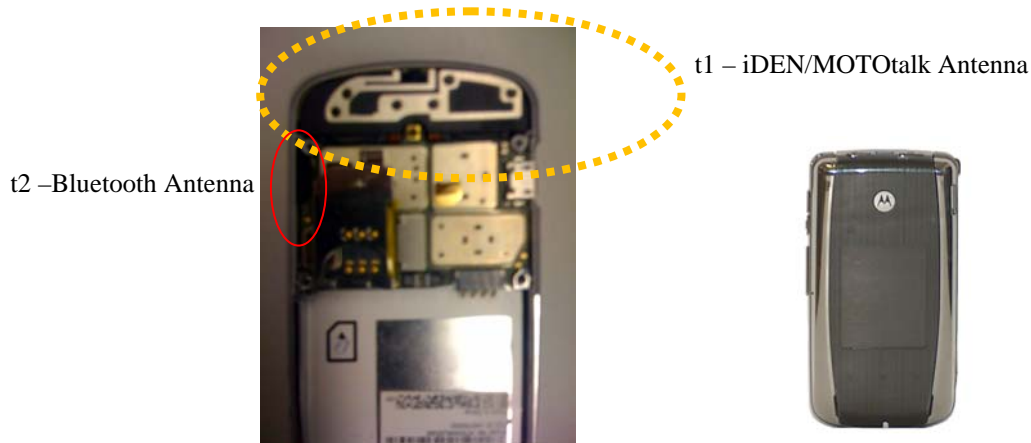
**DUT Front View
Carry Holster NNTN7841A**



**DUT Back View
Carry Holster NNTN7841A**

7.0 Simultaneous Transmission Considerations – Pursuant to FCC KDB 648474 D01Practice

Locations of Antennas



7.1 Operating modes

Device Operating Mode	Remarks
iDEN SMR	Can operate simultaneously with Bluetooth, but <i>not</i> with MOTotalk.
MOTotalk	Can operate simultaneously with Bluetooth, but <i>not</i> with iDEN.
Bluetooth	Can operate simultaneously with MOTotalk or iDEN.

Note: The iDEN, MOTotalk and GPS services share the same antenna, and cannot operate simultaneously.

7.2 Simultaneous Transmission Device Tabulation

Per FCC KDB648474 D01 BT SAR performance results not required.

¹ Maximum conducted power available at the antenna, according to the source-based time averaging requirements of Section 2.1093(d)(5).

² P_{Ref} is defined in KDB 648474 for unlicensed transmitters, as follows:

F, GHz	2.45	5.15 – 5.35	5.47 – 5.85
P _{Ref} , mW	12	6	5

Device, Mode, FMHz	P, mW ¹	Single SAR, W/kg	Remarks
t1, iDEN, 800/900	640	0.63	Routine Evaluation
t2, Bluetooth, 2441	2.5	0	{d ₁₂ < 2.5 cm} {P ₂ ≤ P _{Ref} } {SAR1 < 1.2 W/kg}
Σall SAR1g		0.63	BT SAR not required

- a) BT max power (10mW) < 12mW (Pref @ 2.45GHz).
- b) Antenna separation distances is less than 2.5cm. (Refer to section 7.0).
- c) SAR t1 (0.63 W/kg) is less than 1.2 W/kg.