



MOTOROLA



TESTING CERT # 2518.01

Exhibit 7B: SAR Test Report Photographs

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Signature on File
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Approval Date: 6/8/10

Exhibit 7B Revision History

| Date | Revision | Comments |
|-------------|-----------------|-----------------|
| 6/02/10 | O | Initial release |

1.0 Highest SAR Test Position per body location

1.1 Body

DUT with belt clip NTN8266B against the phantom using offered antenna PMAE4065A, battery NNTN7034A and with audio cable PMLN5275A attached (see part 1 of 4 section 7.1 table 2a Body section for PMAE4065A antenna distances). Same position used for the other offered audio accessories RLN5882A and HMN4104A as well as for the other offered batteries NNTN7036A, NNTN7038A and NNTN7033A and for antennas PMAS4000A and NAF5085A.

Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



1.2 Face

DUT w/ back side separated 2.5cm from phantom with antenna PMAE4065A and battery NNTN7036A (see part 1 of 4 section 7.1 table 2a Face section for PMAE4065A antenna distances). The highest SAR test position at the face for FCC Part 90 is with PMAS4000A antenna.

Same position used with offered audio accessories RLN5878A as well as for the other offered batteries NNTN7034A, NNTN7038A and NNTN7033A and for antennas PMAS4000A and NAF5085A.

Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



1.3 Head
Not applicable

1.4 Hand
Not Applicable

2.0 Other SAR tested positions at the body

2.1 Body worn
Refer to section 1.1

2.2 Front Side against phantom
Not Applicable

2.3 Back side against phantom
Not Applicable

2.4 Front 2.5cm separation

DUT w/ front side separated 2.5cm from phantom using antenna PMAS4000A, battery NNTN7034A and with audio accessory PMLN5275A attached (see part 1 of 4 section 7.1 table 2a Body section for PMAS4000A antenna distances). Same position used for the other offered batteries NNTN7036A, NNTN7038A and NNTN7033A and for antennas PMAE4065A and NAF5085A.

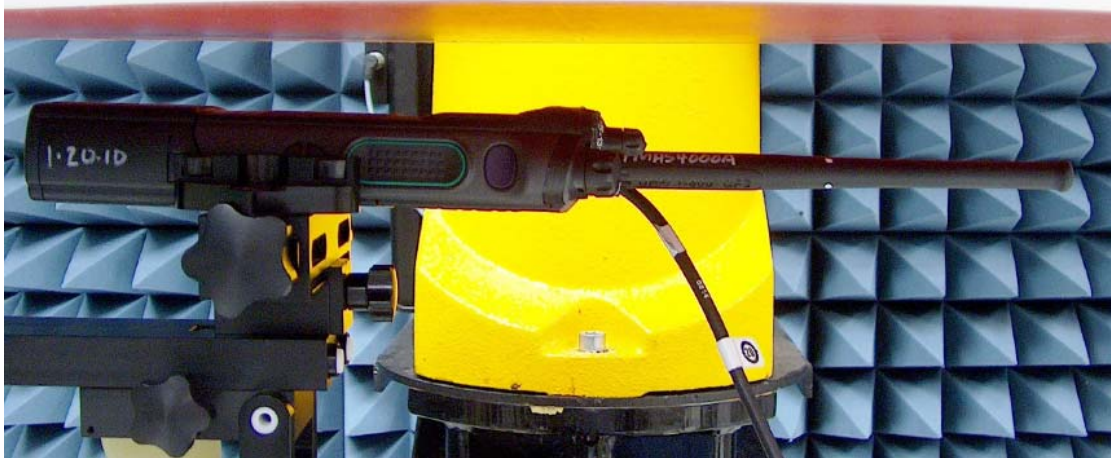
Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



2.5 Back 2.5cm separation

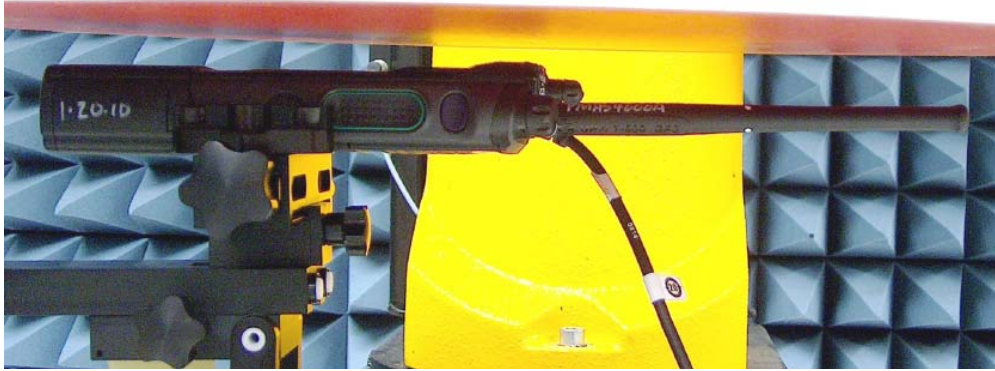
DUT w/ back side separated 2.5cm from phantom using antenna PMAS4000A, battery NNTN7034A and with audio accessory PMLN5275A attached (see part 1 of 4 section 7.1 table 2a Body section for PMAS4000A antenna distances). Same position used for the other offered batteries NNTN7036A, NNTN7038A and NNTN7033A and for antennas PMAE4065A and NAF5085A.

Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



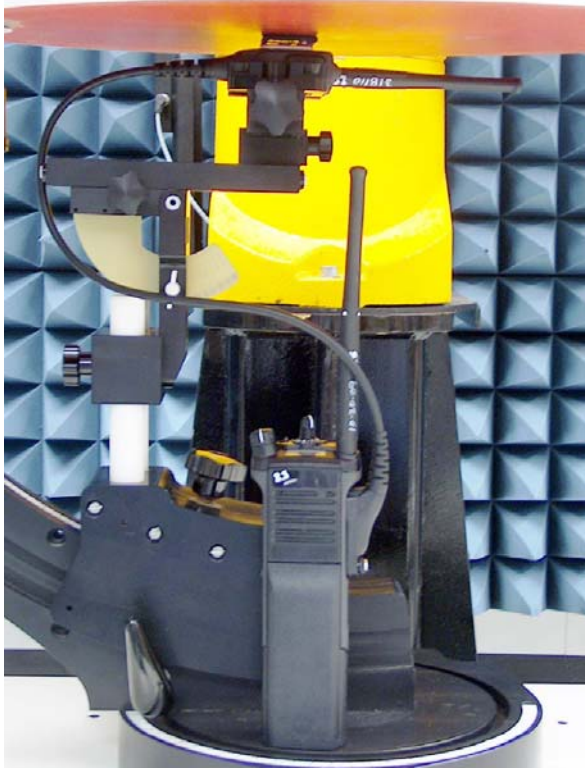
2.6 Antenna 2.5cm separation

Back of DUT w/ antenna PMAS4000A separated 2.5cm from phantom using battery NNTN7034A and with audio accessory PMLN5275A attached (see part 1 of 4 section 7.1 table 2a Body section for PMAS4000A antenna distances). Same position used for the other offered batteries NNTN7036A, NNTN7038A and NNTN7033A and for antennas PMAE4065A and NAF5085A.
Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



2.7 Public Safety Microphone (PSM) Belt clip

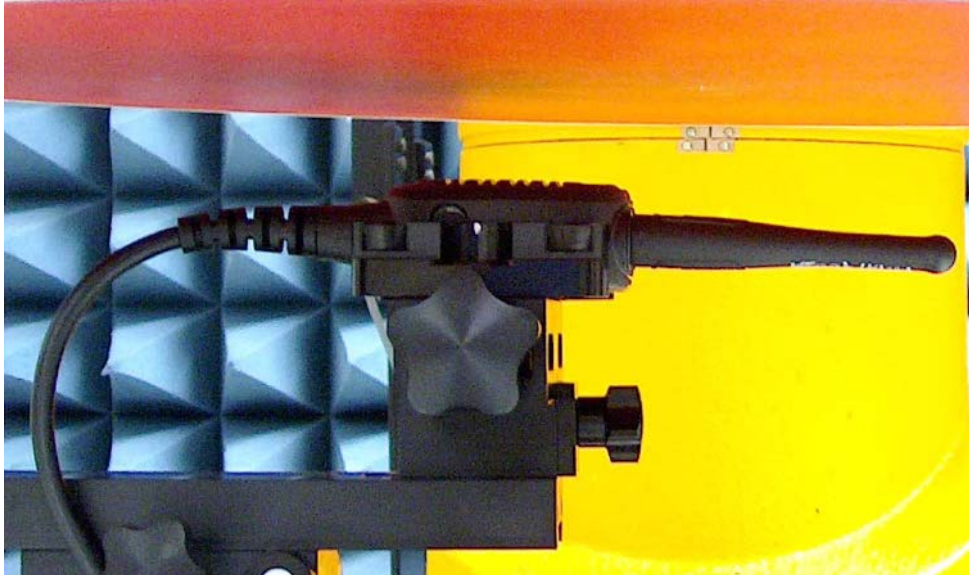
PSM PMMN4060A with belt clip 4205823V01 against the phantom and with UHF band antenna PMAE4065A attached (see part 1 of 4 section 7.1 table 2a PSM section for PMAE4065A antenna distances). The PSM is shown attached to the host radio which has antenna PMAS4000A attached and using battery NTN7036A. The same position was used for the other offered applicable PSM antenna PMAF4002A in the 7/800 band. This position was also tested with the other offered batteries NNTN7034A, NNTN7038A and NNTN7033A attached to the radio. The other offered PSM PMMN4061A used the same positioning. The only difference between PMMN4060A and PMMN4061A is the cable lengths.
Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



2.8 Public Safety Microphone (PSM) 2.5cm separation

PSM PMMN4060A with front separated 2.5cm from the phantom and with antenna PMAF4002A attached (see part 1 of 4 section 7.1 table 2a PSM section for PMAF4002A antenna distances). The PSM is attached to the host radio which has antenna PMAS4000A attached and using battery NTN7036A. The same position was used for the other offered applicable antenna PMAE4065A in the UHF band. This position was also tested with the other offered batteries NNTN7034A, NNTN7038A and NNTN7033A attached to the host radio. The other offered PSM PMMN4061A used the same positioning. The only difference between PMMN4060A and PMMN4061A is the cable lengths.

Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



3.0 Other SAR tested position at the face

DUT w/front side separated 2.5cm from phantom with battery NNTN7036A and antenna PMAE4065A (see part 1 of 4 section 7.1 table 2a Face section for PMAE4065A antenna distances).

Same position used for offered audio accessories RLN5878A as well as for the other offered batteries NNTN7034A, NNTN7038A and NNTN7033A and for antennas PMAS4000A and NAF5085A.

Refer to part 1 of 4 table 2a section 7.1 for other antenna separation distances.



4.0 DUT and Accessory Photos

The purpose of these photos is to illustrate the offered antenna, battery and body-worn carry accessory(ies). The sample that was used in the following photos represents the product used to obtain the results presented herein.

4.1 Antenna photos



4.2 Battery photos



Battery NNTN7038A (85mm)

Battery NNTN7033A and NNTN7034A (130mm)

Battery NNTN7035A and NNTN7036A (137mm)

4.3 Tested body worn accessories



DUT Back View
Belt clip NTN8266B



DUT Side View
Belt clip NTN8266B