



## TEST SERVICES

**EMC EVALUATION OF THE  
M/A-COM  
OPENSKY PORTABLE RADIO  
MODEL P-801T  
IN ACCORDANCE WITH THE  
FCC PART 90 CERTIFICATION**

**Prepared For:**

**M/A-COM  
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LOWELL, MASSACHUSETTS 01854  
ATTENTION: DAVID GRIBBLE**

**Prepared By:**

**ROBERT FOSTER  
CHOMERICS TEST SERVICES  
77 DRAGON COURT  
WOBURN, MASSACHUSETTS 01888**

**Date:**

**APRIL 17, 2000**

**Test Report Number:**

**EMI2547.US.00**

**Test Technician or Engineer:** \_\_\_\_\_

**CTS Approved Signatory:** \_\_\_\_\_

This report shall not be reproduced except in full without the  
written approval of Chomerics Test Services.

**APPENDIX B**

**SET-UP PHOTOGRAPHS**

**PHOTOGRAPHIC DOCUMENTATION****CUSTOMER: M/A-COM****EQUIPMENT: OPENSKY P-801T PORTABLE RADIO****TESTED BY: ROBERT FOSTER****OPERATING MODE: FULL LOAD****DATE: 1/12/00****TEST NUMBER: N/A****COUPLING DEVICE: EMCO 3121,3115, EATON HORN****TEST SPEC: FCC PART 15 SUBPART C**

Photograph Description: Test Setup

**FORM CTS PHOTO**

Document #: EMI2547.US.00

Date: April 17,2000

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**EQUIPMENT: OPENSKY P-801T PORTABLE RADIO**  
**TESTED BY: ROBERT FOSTER**  
**OPERATING MODE: FULL LOAD**

**DATE: 1/12/00**  
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**COUPLING DEVICE: EMCO 3121,3115, EATON HORN**  
**TEST SPEC: FCC PART 15 SUBPART C**



Photograph Description: Test Setup

**FORM CTS PHOTO**



**PHOTOGRAPHIC DOCUMENTATION**

**CUSTOMER: M/A-COM**  
**EQUIPMENT: OPENSKEY P-801T PORTABLE RADIO**  
**TESTED BY: ROBERT FOSTER**  
**OPERATING MODE: FULL LOAD**

**DATE: 1/12/00**  
**TEST NUMBER: N/A**  
**COUPLING DEVICE: EMCO 3121,3115, EATON HORN**  
**TEST SPEC: FCC PART 15 SUBPART C**



Photograph Description: Test Setup

**FORM CTS PHOTO**

**PHOTOGRAPHIC DOCUMENTATION**

**CUSTOMER: M/A-COM**  
**EQUIPMENT: OPENSKY P-801T PORTABLE RADIO**  
**TESTED BY: ROBERT FOSTER**  
**OPERATING MODE: FULL LOAD**

**DATE: 1/12/00**  
**TEST NUMBER: N/A**  
**COUPLING DEVICE: EMCO 3121,3115, EATON HORN**  
**TEST SPEC: FCC PART 90**



Photograph Description: Test Setup

**FORM CTS PHOTO**

**PHOTOGRAPHIC DOCUMENTATION**

**CUSTOMER: M/A-COM**  
**EQUIPMENT: OPENSKY P-801T PORTABLE RADIO**  
**TESTED BY: ROBERT FOSTER**  
**OPERATING MODE: FULL LOAD**

**DATE: 1/12/00**  
**TEST NUMBER: N/A**  
**COUPLING DEVICE: EMCO 3121,3115, EATON HORN**  
**TEST SPEC: FCC PART 90**



Photograph Description: Test Setup

**FORM CTS PHOTO**



**APPENDIX C  
CUSTOMER SUPPLIED  
MODULATION CHARACTERISTICS**

## Audio Filter Used For FM Transmission

The Opensky P-801T Portable Radio transmitter includes lowpass filtering before and after FM modulation. The lowpass filter before modulation is shown below.

