

|                         |                                     |
|-------------------------|-------------------------------------|
| <b>TYPE OF EXHIBIT:</b> | DESCRIPTION OF MEASUREMENT FACILITY |
| <b>FCC PART:</b>        | 2.948                               |
| <b>IC PART:</b>         | RSS-212                             |
| <b>MANUFACTURER:</b>    | RITRON, Inc.                        |
| <b>MODEL:</b>           | RPM-160                             |
| <b>TYPE OF UNIT:</b>    | VHF Mobile Transceiver              |
| <b>FCC ID:</b>          | AIERIT24-160                        |
| <b>IC ID:</b>           | 1084A-24160                         |
| <b>DATE:</b>            | November 7, 2006                    |

The ERP and field strength of spurious emissions measurements filed with this application were made on a site certified by RITRON, Inc. Data pertaining to this site are on file with the FCC and Industry Canada.

This site is used on a continuing basis exclusively by RITRON, Inc. and is utilized only for RF field strength measurements of equipment designed and manufactured by RITRON, Inc. It is not used for measurements by, or for, any other party on a contract basis or otherwise.

All other measurements were taken at RITRON's engineering laboratory in Carmel, IN.



Kevin G. Matson  
Senior Project Engineer  
RITRON, Inc.

**TYPE OF EXHIBIT:** MANUFACTURER'S STATEMENT

**FCC PART:**

**IC PART:**

**MANUFACTURER:** RITRON, Inc.

**MODEL:** RPM-160

**TYPE OF UNIT:** VHF Mobile Transceiver

**FCC ID:** AIERIT24-160

**IC ID:** 1084A-24160

**DATE:** November 7, 2006

The RITRON model RPM-160 is a VHF mobile transceiver designed for operation on either 12.5 kHz channels or 25 kHz channels. Its output power is variable from 5.0 watts to 50.0 watts.

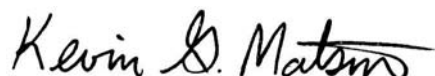
This product will be manufactured and marketed on a continuing basis in the United States of America by the applicant, RITRON, Inc. of Carmel, IN.

**TYPE OF EXHIBIT:** STATEMENT OF CERTIFYING ENGINEER  
**FCC PART:** 2.947  
**IC PART:**  
**MANUFACTURER:** RITRON, Inc.  
**MODEL:** RPM-160  
**TYPE OF UNIT:** VHF Mobile Transceiver  
**FCC ID:** AIERIT24-160  
**IC ID:** 1084A-24160  
**DATE:** November 7, 2006

I, Kevin G. Matson, have been employed by RITRON, Inc. since May 1980, working in the Engineering Department since November 1980 as a radio frequency Project Engineer.

I received an Associates Degree in Electrical Engineering Technology from Purdue University at Indianapolis in 1980. I received a Bachelor of Science Degree in Electrical Engineering Technology from Purdue University at Indianapolis in 1982.

I hereby certify that all measurements and data herein were taken by me, that they were obtained using sound and accepted engineering principles, and that they accurately reflect the performance and characteristics of the units tested.

A handwritten signature in black ink that reads "Kevin G. Matson". The signature is written in a cursive, flowing style with a horizontal line extending from the end of the name.

Kevin G. Matson  
Senior Project Engineer  
RITRON, Inc.

**TYPE OF EXHIBIT:** STATEMENT CONCERNING SPECTRUM  
EFFICIENCY

**FCC PART:** 90.203(j)(3)

**IC PART:** RSS-119, Section 5.5.1

**MANUFACTURER:** RITRON, Inc.

**MODEL:** RPM-160

**TYPE OF UNIT:** VHF Mobile Transceiver

**FCC ID:** AIERIT24-160

**IC ID:** 1084A-24160

**DATE:** November 7, 2006

I, Kevin G. Matson, Senior Project Engineer for RITRON, Inc., certify that this product, RPM-160, meets a spectrum efficiency standard of one voice channel per 12.5 kHz of channel bandwidth.

A handwritten signature in black ink that reads "Kevin G. Matson". The signature is written in a cursive, flowing style with a horizontal line extending from the end of the name.

Kevin G. Matson  
Senior Project Engineer  
RITRON, Inc.

**TYPE OF EXHIBIT:** ANTI-DRUG ABUSE CERTIFICATION

**FCC PART:** 1.2002(b)

**IC PART:**

**MANUFACTURER:** RITRON, Inc.

**MODEL:** RPM-160

**TYPE OF UNIT:** VHF Mobile Transceiver

**FCC ID:** AIERIT24-160

**IC ID:** 1084A-24160

**DATE:** November 7, 2006

I, Kevin G. Matson, certify that RITRON is not subject to a denial of Federal benefits, that include FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862 because of a conviction for possession or distribution of a controlled substance.

A handwritten signature in black ink that reads "Kevin G. Matson". The signature is fluid and cursive, with a horizontal line extending from the end of the name.

Kevin G. Matson  
Senior Project Engineer  
RITRON, Inc.