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Attestation Statements

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MANUFACTURER: RITRON, INC.
505 West Carmel Drive
Carmel, IN 46032

MODEL: JMX-441

TYPE OF UNIT: UHF-FM Handheld Transceiver

FCC ID: AIERIT14-441

DATE: Oct 17, 2001

The following is a list of attached exhibits required by the Federal Communications Commission for the application to and grant of FCC Type Acceptance.

Manufacturer's Statement …… 2.1033

JMX-441 Occupied Bandwidth and Power Characteristics … 2.1046 & 2.1049 (c)(1)

Statement of Certifying Engineer 2.947

List of Test Equipment Used ……..... 2.947 (d)

Description of Measurement Facility …..... 2.948

TYPE OF EXHIBIT: MANUFACTURER'S STATEMENT

FCC PART: 2.1033 (c)(1-2)

MANUFACTURER: RITRON, INC.
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MODEL: JMX-441

TYPE OF UNIT: UHF-FM Handheld Transceiver

FCC ID: AIERIT14-441

DATE: Oct 17, 2001

The AIERIT14-441 is a 450 to 470 MHz UHF-FM Handheld Transceiver to be manufactured and marketed in the United States of America by the applicant, RITRON, Inc. of Carmel, Indiana.

The AIERIT14-441 will be marketed by RITRON, Inc. as a model JMX-441.

The FCC designator for this unit is ..... FCC ID: AIERIT14-441

RITRON, Inc. will be manufacturing and marketing the AIERIT14-441 handheld transceiver on a continuing basis.

STATEMENT:	OCCUPIED BANDWIDTH AND OUTPUT POWER
FCC PART:	2.1046 & 2.1049
MANUFACTURER:	RITRON, INC. 505 West Carmel Drive Carmel, IN 46032
MODEL:	JMX-441
TYPE OF UNIT:	UHF-FM Handheld Transceiver
FCC ID:	AIERIT14-441
DATE:	Oct 17, 2001

The JMX-441 is capable of supporting wide band voice modulation (20K0F3E) or narrow band voice modulation on a 12.5 kHz channel (11K25F3E). Power output ranges from 1 to 2 watts.

TYPE OF EXHIBIT: STATEMENT OF CERTIFYING ENGINEER

FCC PART: 2.947

MANUFACTURER: RITRON, INC.
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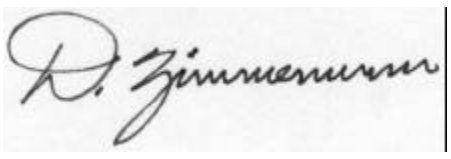
I, Dennis Zimmerman have been working in the Engineering Department since October 1997 as a radio frequency Project Engineer. I have designed two way radios for the last 15 years.

I received a Bachelor's degree in Electrical Engineering from the University of Cincinnati in June 1977.

I hereby certify that all measurements and date 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.

Signed: 

Dennis Zimmerman – Project Engineer

TYPE OF EXHIBIT: TEST EQUIPMENT LIST

FCC PART: 2.947 (d)

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The measured data in this report was obtained using one or more of the following pieces of equipment. The particular equipment used in any one test is detailed in the procedure for that test.

ITEM	MANUFACTURER	MODEL NO.	SERIAL NO.	
Communications Test Set	Hewlett-Packard	HP8920A	3352A03633	
Communications Test Set	IFR	COM120B	500008863	
Spectrum Analyzer	Hewlett-Packard	8559A	2010A 06979	
Power Supply	BK/Precision	1730	263-023610	
Digital Oscilloscope	Philips	PM-3335	DM630034	
Dual Display Multimeter	Protek	506		
Dipole Antenna	Electro-Metrics	BDA-25	8-101	
Log Periodic Antenna	Electro-Metrics	LP-25	8-102	
Microwave Test Antenna	Polarad	CA-B	11-3	
Temperature Chamber	Associated Laboratories		ELH-0.5-LC	N/A
Thermocouple	Omega	7035-J-225	8504	
10dB Attenuator		50F-010	N/A	
20dB Attenuator	Tenuline	8340-200	1544	
30dB Attenuator	Bird	8306-N	N/A	
RF Detector	Microlabs/FXR	XA-1040	N/A	

TYPE OF EXHIBIT: DESCRIPTION OF MEASUREMENT FACILITY

FCC PART: 2.948

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The Field Strength measurements filed with this application were made on a site certified by RITRON, Inc. Data pertaining to this site is on file with the FCC and is current.

This site is used exclusively by RITRON, Inc. and is utilized only for the 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.