

## **RCA Communications Systems**

### **Unity Extended Frequency Range – Contiguous Frequency Listing**

**DATE:** 2017-06-03

**FCC ID:** XYH-RDR2500UX

**Model:** RDR2500U

Dear Sir/Madam,

This equipment meets the requirements of the FCC Rules, Parts 90.203(e) and (g), as applicable.

Programming of this products transmit frequencies can be performed ONLY by the manufacturer or by service or by maintenance personal.

The operator can not program transmit frequencies using the equipment's external operation controls.

The **RDR2500U** use Digital modulation, modulation type is 4FSK, channel separation is 12.5 KHz, using lowest data rate 9.6kbps, equal with twice 6.25 KHz channel bandwidth, the minimum data rate is  $9.6/2=4.8$ kbps; meets FCC Part 90.203j(5) requirements.

This is the requirement to operate on the nationwide public safety interoperability calling channel.

<b>Frequency Range (MHz)</b>	<b>Part 90</b>	<b>Federal</b>	<b>Emission Designator</b>
400-406.1		X	12K5F1W, 12K5F1D 12K5F3E
406.1-420	X		
420-421		X	
421-430	X		
430-450		X	
450-470	X		

**Sincerely yours,**

## RCA Communications Systems

133 W. Market St., Suite 227

Indianapolis, IN 46204

Direct: 877-822-2915 | Fax: 317-536-3718

[RCACommunicationsSystems.com](http://RCACommunicationsSystems.com)



A handwritten signature in black ink, appearing to read "Veronica Garcia".

Name: **Veronica Garcia**  
Position: **Manager**  
Company Name: **RCA Communications Systems**  
Address: **133 W. Market Street, Suite 227, Indianapolis, IN 46204**  
Tel / Fax: **877 8222915/877 8222915**  
E-Mail: **[veronica.garcia@rcacommunicationssystems.com](mailto:veronica.garcia@rcacommunicationssystems.com)**