



## Communications Systems

RCA Communications Systems

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Tel: 877 822 2915 Fax: 317 536 3718

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Date: 24/07/2015

Federal Communications Commission  
Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, MD 21046

Timco Engineering Inc  
PO Box 370  
Newberry  
Florida 32669

Subject: Extended Frequencies Justification FCC ID XYH-RPX4500U2

Dear Sir/ Madam,

RCA Communications Systems would like to submit the following justification to show the frequency range as 440 – 512 MHz on the Grant of Equipment Authorization for the XYH-RPX4500U2 equipment.

The XYH-RPX4500U2 was designed to operate in the frequency band 440-512 MHz. To aid equipment authorization in other countries that accept the United States FCC Grant of Certification, this will serve as a request that the FCC list the frequencies of 440-512 MHz under the FCC Rules Part 90 as listed in the table below & the 731 form on the FCC Grant.

Per the FCC's KDB634817 guidance, as an alternative to listing the exact frequencies, we acknowledge that it is a violation of the FCC Rules if this device operates on unauthorized frequencies. Additionally, it will be used in other countries that accept the FCC Grant of Equipment Authorization. These services account for a majority of users as described in the below table.

FREQUENCY RANGE (MHz)	Rule Part	Non-Federal	ITU Region
440-450	90		
450-454	90		
454-455	Other		1, 2, 3
455-456		X	1, 2, 3
456-460	90		1, 2, 3
460.0-462.5375	90		
462.5375-462.7375		X	1, 2, 3
462.7375-467.5375	90		
467.5375-467.7375		X	1, 2, 3
467.7375-470	90		
470-512	90		



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Equipment programming is the responsibility of Authorized Service Personnel only. In addition, the radio complies with 47 CFR Part 90.203(e) in that the operator cannot directly program the transmit frequencies using the normally accessible external controls.

Yours sincerely,

A handwritten signature in cursive script, appearing to read 'Veronica Garcia', written over a horizontal line.

Veronica Garcia

V.P. of Sales