

## RCA Communications Systems

133 W. Market St., Suite 227

Indianapolis, IN 46204

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

RCACommunicationsSystems.com



Date: 30/11/2015

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-RPX6500UA

Dear Sir/ Madam,

RCA Communications Systems would like to submit the following justification to show the frequency range as 406.1 – 480.0 MHz on the Grant of Equipment Authorization for the XYH-RPX6500UA equipment.

The XYH-RPX6500UA was designed to operate in the frequency band 406.1-480.0 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 406.1-480.0 MHz under the FCC Rules Part 90 and Part 22 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
406.1-454	90		
454-455	22		1, 2, 3
455-456		X	
456-460	22, 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		
470-480	22, 90		

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.

Sincerely,

A handwritten signature in black ink, appearing to read 'Veronica Garcia', with a stylized, cursive script.

Veronica Garcia  
Manager