



Smart Technology. Delivered.™

November 21st, 2017

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

**Laird Controls North America Inc.**  
655 N River Road NW STE A  
Warren OH 44483-2254 USA  
Tel: (234) 806-0025  
Fax: (234) 806-0019  
www.lairdtech.com

Subject: Extended Frequencies Justification

Gentlemen:

We, Laird Controls North America Inc., would like to submit the following justification to show the frequency range (450-470 MHz) on the Grant of Equipment Authorization under Part 90 for our FCC ID: CN286942

Per the FCC'S KDB 634817 guidance, as an alternative to listing the exact frequencies, we acknowledge that it's a violation of the FCC Rules if this device operates on unauthorized frequencies. This radio is intended for use by federal agencies, public agencies, emergency services, as well as commercial, business, and industrial services. 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.

Frequencies MHz	Non-Fed FCC Rule Part	Federal	ITU Region
450-454	74D, 74H, 90	450-454	Region2
454- 455	22, 80, 95I	454- 455	Region2
455- 456	74D, 74H, 95I	455- 456	Region2
456 – 460	22, 80, 90, 95I	456 – 460	Region2
460 - 470		460 - 470	Region2
460 – 462.5375	90		Region2
462.5375- 462.7375	95		Region2
462.7375 – 467.5375	80, 90		Region2
467.5375 – 467.7375	80, 95I		Region2
467.7375 - 470	80, 90		Region2

This radio complies with 47 CFR Part 90.203(e) in that the operator cannot program and transmit on frequencies, other than those programmed by the manufacturer, service or maintenance personnel, using the equipment's external operation controls.

Sincerely,

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

David Stagg  
Product Manager  
Laird Controls North America Inc.