



## RADIO COMMUNICATIONS, RF DESIGN & MANUFACTURING

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

15 May 2017

Subject: Extended Frequencies Justification

To Whom It May Concern:

We, Spectra Engineering, would like to submit the following justification to show the frequency range (136-174MHz) on the Grant of Equipment Authorization under Part 90 for FCCID: OKRMXDR1V

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.

FREQUENCY RANGE (MHz)	RULE PART	FEDERAL	ITU REGION
136-144		X	1, 2, 3
144-148		X	1, 2, 3
148.0-150.8		X	1, 2, 3
150.8-156.2475	90		
156.2475-157.1875		X	1, 2, 3
157.1875-161.575	90		
161.575-161.775		X	1, 2, 3
161.775-161.9625	90		
161.9625-162.0375		X	1, 2, 3
162.0375-173.4	90		
173.4-174		X	1, 2, 3

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. It is noted that the FCC rules would be violated if this radio is programmed to operate on frequencies outside of FCC Part 90 Frequency Bands for users other than Federal Government users.

Sincerely,

**FOR AND ON BEHALF OF SPECTRA ENGINEERING Pty Ltd**

**Gary Jacobs**  
Managing Director