



SPECTRA ENGINEERING

RADIO COMMUNICATIONS, RF DESIGN & MANUFACTURING

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October 8, 2014

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

Subject: Extended Frequencies Justification

To Whom It May Concern:

We, Spectra Engineer Pty Ltd, 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: OKRMX800D3V
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	Rule Part / Users
136 - 150.05	Federal (non-FCC)
150.05 - 150.8	90.265 (12.5 KHz)
150.8 - 152.855	90.203(j)(5), 22
152.855 - 157.45	90.203(j)(5)
157.45 - 161.775	90.203(j)(5), 22
161.775 - 162.0125	90.203(j)(5)
162.0125 - 173.2	90.265 (12.5 KHz)
173.2 - 173.4	90.203(j)(5)
173.4 - 174	Federal (non-FCC)

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
Wednesday, October 08, 2014