



March 18, 2014

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

Subject: Extended Frequencies Justification

Gentlemen:

We, Crescend Technologies, would like to submit the following justification to show the frequency range (136-174MHz) on the Grant of Equipment Authorization under (Part 22 and Part 90) for FCCID: CWWDSDTV100XX.

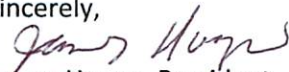
Per the FCC's KDB634817 guidance, as an alternative to listing the exact frequencies, we acknowledge that it's a violation of the FCC Rules if this device operations on unauthorized frequencies. This radio is intended for use by federal agencies, public agencies, emergency services, as well as commercial, 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.

FREQUENCY RANGE (MHZ)	RULE PART	FEDERAL (NON-FCC)	ITU Region	Grant Notes
136-137		X		EF
138-144			ITU 2	EF
150.8-152.855	90, 22			EF
152.855-156.2475	90			EF
157.1875-157.45	90			EF
157.45-161.575	90, 22			EF
161.775-161.9625	90			EF
162.0375-173.4	90			EF
173.4-174			ITU 2	EF

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 used to operate on frequencies outside of FCC Part 90 and Part 22 Frequency Bands for users other than the Federal Government.

Sincerely,


James Hougo, President