



December 11, 2013

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

Belt Pack FCC ID #: 2AA6F-UV-1GBP
Base Station FCC ID #: 2AA6F-UV-1GBS

To whom it may concern:

We are requesting an Original Grant for a new product for FCC Part 15 and Part 74 Type Acceptance in the US and Canada. The Radio Active Designs® UV-1G is a two-channel full-duplex UHF/VHF wireless intercom system that incorporates up to six wireless belt pack units per base station. Each belt pack is capable of simultaneous talk and listen on two separate audio channels. Additionally, belt packs have Stage Announce and two-channel Wireless Talk-Around functionality.

The UV-1G uses Double Sideband Suppressed Carrier Modulation.

The expected maximum fixed output power level for the Belt Pack is 50Mw and the Base Station is 250Mw.

The center frequency for VHF is 174MHz – 216MHz

The center frequency for UHF is 470MHz – 698MHz

Typically this equipment will be installed professionally.

Battery options initially are standard AA alkaline or rechargeable Lithium Ion. We will supply variable power source to supply power for testing.

Radio Design Group, Inc requested testing and reports from Northwest EMC, and Radio Active Designs applied for the FCC certification. Therefore: all test reports reflect Radio Design Group, Inc as having requested testing as the client.

A handwritten signature in black ink, appearing to read "Dennis D. Haley".

Dennis D. Haley

Eng Mgr (Agent)

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