

ROGERS LABS, INC.

4405 West 259th Terrace Louisburg, KS 66053 Phone / Fax (913) 837-3214

June 10, 2010

Timco Engineering Inc. Federal Communications Commission

849 NW State Road 45 Equipment Approval Services

Newberry, FL 32669 P.O. Box 35815, Pittsburgh, PA 15251-3315

Applicant: Dynastream Innovations, Inc. Equipment: FCC ID: O6RSDM4

228 River Avenue CORES number: 0008-0335-57 Cochrane. Alberta FCC Rules: Parts 2 and 15.249

Canada T4C 2C1

Re: Class 2 permissible change (increase frequency band of operation)

Gentlemen:

Please process the attached application for Class 2 permissible change increasing frequency band of operation to 2403-2480 MHz. The form 731 and supporting application information have been electronically submitted and any attachments will be up loaded to your web site to be used in obtaining a grant of certification in compliance with Class 2 permissible change of authorized equipment.

Per KDB 178919 paragraph 4 the following points are addressed here and in supporting documentation.

- 4. **Software changes:** Class I and Class II software changes for non-SDR approved devices the following software only changes are allowed:
- a) Additional frequencies may be added to an approved device under the following conditions; however, a new test report must be submitted for the new frequencies:
- i. Additional frequencies are allowed with a Class II permissive change if:
 - 1. No hardware changes have been made to the design.
 - 2. There is no increase in output power rating on new frequencies as demonstrated in report.
 - 3. The Equipment Class remains the same as previously certified.
 - 4. RF exposure changes are addressed in MPE exposure calculation exhibit.
 - 5. Only the Original Equipment Manufacturer may implement the new frequencies.
 - 6. There are no other changes to the device that indicate a need for a new FCC ID.
- ii. End user software implementation for new frequencies is not allowed unless the device was approved as a software-defined radio. (Class III permissive change rules for software defined radios are in Section 2.1043(b)(3)).
- b) No new line items are required. Adding new line items on the Form 731 is allowed under a Class II permissive change. Additional data rates (both higher and lower rates) under existing modulations that are consistent with a Form 731 line item/emission designator may be either a Class I or Class II, depending on emissions. A Class II permissive change is required if degradation occurs; if no degradation occurs a Class I permissive change is acceptable.

• Page 2 June 10, 2010

c) Output power remains as previously authorized. A Class II permissive change for a device with a decrease in output power, or with a different field strength, is allowed under the following conditions:

The maximum output power rating of the original authorization does not change.

There is no design change that increases or decreases the output power. A decrease in the power setting configuration is acceptable.

In no case, may a power limit be exceeded.

Should you require any further information, please contact the undersigned.

Thank you for your consideration in this matter.

Sincerely,

Scot Rogers

Rogers Labs, Inc.

Scot D Rogers

Enclosures