

January 13, 2010

Chief, Authorizations Branch
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Request for Approval of Class II Permissive Change.

Reference: FCC ID: U9YAL5721

To Whom It May Concern:

Alereon, Inc. hereby requests FCC approval of a Class II Permissive Change to the Single Modular UWB Transmitter, Alereon Model AL5721 UWB Module, FCC ID U9YAL5721. The Alereon AL5721 was originally granted FCC Certification approval on 03/13/2009. This letter describes the nature of the changes made to the originally authorized configuration.

The following changes to the original configuration are made as a cost-reduction:

1. Change RF diplexer from TDK part number DPX458976DT-001A1 to Taiyo-Yuden part number FI212P3960A4. These two parts are functional equivalents but not pin-for-pin interchangeable.
2. Change power conditioner integrated circuits:
 - a. TI part number TPS62240DRV to Micrel part number MIC23031-AYMT
 - b. TI part number TPS63000DRCCR to Micrel part number MIC-23150-4YMT
 - c. TI part number TPS79901DDCR to Micrel part number MIC5309-1.2YMTAll of these three parts are functional equivalents but pin-for-pin interchangeable.

Alereon will identify AL5721 devices having the changed construction antenna as model number AL5721_R3 while devices having the originally approved construction will continue to be identified as model number AL5721.

Data sheets for each of the two RF filter types and for the original and changed power conditioner integrated circuits are included as exhibits with this application.

Respectfully,



David Dickson
Senior Principal RF Engineer
Alereon, Inc.