

February 15, 2008

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: U9YAL4504

To Whom It May Concern:

Alereon, Inc. hereby requests FCC approval of a Class II Permissive Change to the Modular UWB Transmitter, Alereon Model AL4504 UWB Module, FCC ID U9YAL4504. This letter describes the nature of the change made to the originally authorized configuration.

The change to the original configuration is a change of the type of antenna, no other changes are made. In the originally certified device, the antenna used was a TDK ANT1085-4R1-01A. This antenna is a surface mount component that is fully enclosed within the device housing. Alereon requests approval of a change to add an alternate construction which will use an ACON ADM6P-700042. This antenna mounts externally on the device housing connected to the circuit board by a 6cm coaxial cable. These two antenna types will be used as alternate constructions and Alereon does not intend for this request to obsolete the original construction. Alereon will identify devices having the alternate construction antenna as model number AL4604 while devices having the originally approved construction will continue to be identified as model number AL4504.

Data sheets for each of the two antenna types are included as exhibits with this application. The rated gain of the two antenna types:

ANT1085-4R1-01A is rated for 2.0 (± 1.0 dB) dBi gain.
ADM6P-700042 is rated for 2.8dBi nominal gain.



David Dickson
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