

January 3, 2025

Federal Communications Commission
445 12th Street SW, Washington, DC 20554

Subject: Application of Class II Permissive Change for Lantern Reusable

Application Type: Certification (Class II Permissive Change)
FCC ID Code: 2AVMS-405061
Model No: 407002-01
Applicant: OrthAlign, Inc.
Manufacturer: OrthAlign, Inc.
FCC Rule IDs: 15.247, 15.407

OrthAlign would like to make a Class II permissive change application of FCC certification for our orthopedics navigation tool classified in FCC ID Code: 2AVMS-405061.

In our Navigation Unit Model No. 407002-01, we are using the same radio module and antenna certified under 2AVMS-405061 in a new enclosure and enclosure material. The radio module is capable of 2.4GHz bands for 802.11, Bluetooth and Bluetooth Low. The radio module is also capable of 802.11 5GHz bands.

Part of the purpose of this request for permissive change application is to enable the application of the module integrated into the 407002-01 host for portable use. The 2.4GHz bands for 802.11 and Bluetooth are not enabled nor utilized by this device. The user does not have permission to enable these wireless bands. We are seeking a Class 2 II Permissive Change for the following radio technologies that will be utilized by the host product:

- Bluetooth LE
- 802.11 5GHz a/n HT20
- 802.11 5GHz n HT40
- 802.11 5GHz ac VHT80

The radio module will be used in orthopedics in professional healthcare environments with the closes spacing of the antenna being less than 20cm to nearby persons in normal operation. The device is intended for knee and hip surgery which is away from the users' head and torso.

If you have any questions or need any additional information, please feel free to contact us.

Sincerely,
Steven DeVincentis

 01/03/2025