



269 Mill Road  
Chelmsford, Massachusetts 01824-4105  
978-421-9655 (main)  
978-421-0025 (fax)  
www.zoll.com

## Application for Class II Permissive Change by Northwest EMC TCB Committee

### Attachment: Cover Letter

This application is for the X Series medical product manufactured by ZOLL Medical. The primary function of the product is as a combination monitor / defibrillator and future combinations of those functions.

The product contains an embedded communications module whose primary function is to communicate to other external devices in various forms of Local Area Networks or through gateways to Wide Area Networks. To support these operations, the embedded communications module supports the following capabilities:

- 80211 a,b,g,n: Products sold in the US will be constrained to operate only in the 2.4, 5.2, 5.3, 5.6 and 5.8 GHz bands. On the DFS bands, the device will operate as a client-only and master functionality will be disabled at the factory. Per FCC FDB 442812 D01 SDR Apps Guide v02, third parties (end users, professional installers, and distributors) will not have the ability to configure or operate the radio outside the limits of this filing and associated grant. The original grant prohibited any operation on the DFS bands.
- Bluetooth v2.1

The communications module includes an antenna PCB which is mounted in a fixed location inside and near the top handle of the unit

The product is primarily a battery operated portable device, but it has provisions for a power adapter input. The unit supports several different connections for inputs for patient physiological measurements.

This application is submitted as a Class II permissive change requesting for testing DFS bands. The FCC ID for the product is **FCC ID: ZKP-XSCP0001**

Respectfully Submitted,

3/28/16

Signature of the FCC Authorized submitter

Date

Printed Name: Carl Mamuszka

Title: Principal Compliance Engineer