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Application for Equipment Certification 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 wireless capabilities:

- 802.11 a,b,g,n: Products sold in the US will be constrained to operate only in the 2.4 , 5.2, and 5.8 GHz bands. Although it is capable of operating in the 5.3 and 5.6 GHz DFS bands, this functionality will be disabled at the factory. Per FCC KDB 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 5.3 and 5.6 GHz DFS bands will not be available for US operations until the alternate streaming / channel loading method used for DFS testing is approved by the FCC through a future Class II Permissive change.
- Bluetooth version 2.1

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

This 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 an original grant request for testing to the FCC 15.247 for the 2.4 and 5.8 GHz bands; and FCC 15.407 for the 5.2 GHz band. The applied for FCC ID for the product is: **FCC ID: ZKP-XSCP0001**

Respectfully submitted,


Signature of FCC Authorized submitter

1/18/2012
Date

Printed Name: Frederick Geheb

Title: Sr. Director Advanced Development