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Application for Class II Permissive Change by Northwest EMC TCB Committee

Attachment: Cover Letter

This application is for the R Series Data COMM II Wi-fi product manufactured by Logic PD for ZOLL Medical Corporation. The primary function of the product is to transfer data from the R Series Defibrillator products manufactured by ZOLL Medical Corporation to other external devices in various forms of Local Area Networks or through gateways to Wide Area Networks. The R Series Data COMM II module is a separate unpowered enclosed unit in a CF card format, and it is used by inserting the Data COMM II into the CF card slot on the R Series.

The product contains an embedded communications module whose primary function is communicate. To support these operations, the embedded communications module supports the following capabilities:

- 802.11 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 communications module includes an antenna PCB incorporated into the internal PCB of the product.

This application is submitted as a Class II permissive change due to changes in the UNII rules for 5GHz Wifi. The FCC ID for the product is **FCC ID: ZKP-RDC002**.

Some of the exhibits may refer to the radio as the *Logic PD 37x Torpedo + Wireless SOM* or *Zoll CF Card Module*. Both of these names describe the device "R Series Data Comm II"

Respectfully Submitted,

5/3/16

Signature of the FCC Authorized submitter

Date

Printed Name: Carl Mamuszka

Title: Principal Compliance Engineer