



April 23, 2012

RE: Philips Medical Systems MX40 Patient Worn Monitor

FCC ID: PQC-MX40SH1B4

To whom it may concern:

Please find enclosed an original application for Philips Medical Systems, Philips Telemetry System MX40 Patient Worn Monitor. This device was previously approved under FCC ID: PQC-MX40SH14 by TIMCO Engineering in August 2011. This approval id consisted of a review of a 1.4 GHz Smart Hopping (SH) Radio under CW Test Report #253-11, a 2.4 GHz WLAN 802.11 radio CW Test Report #304-11R2 and 2.4 GHz Short Range Radio (SRR) under CW Test Report #264-11R1.

This application includes data and information for the enabling of a 5 GHz WiFi WLAN Radio within the device along with an updated set of data for the 2.4 GHz 802.11 WiFi WLAN Radio and the original 2.4 GHz SRR Radio and 1.4 GHz SH Radio. This was achieved via a software change, and none of the hardware has changed since the original application.

Since the power of the radio has increased in the 5 GHz band vs. what was reported in the 1.4 & 2.4 GHz bands, a class II permissive change could not be performed.

Although the reported power of the device in the 2.4 GHz and 5.8 GHz ranges exceeds the public exposure limits for a portable device, the source-based time averaged power is significantly below the limits. The only purpose of any of the radios in the device is to transmit telemetry data collected by the device back to either a central station or a bedside monitor. As shown in the timing plots of either the 2.4 or 5 GHz WLAN radios a very short transmission burst (less than 400 microseconds) is sent only once in a 100 mS period.

An updated MPE Calculation for the radios has been provided as part of this application.

If you have any further questions, please don't hesitate to contact me at (603) 887 3903 or via email at Larry@ComplianceWorldwide.com

Sincerely,

Larry Stillings
President