

SOLVING A WAVE OF EMI COMPLIANCE PROBLEMS

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March 1, 2019

Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Rd. Columbia, MD 21046

Reference FCC ID: 2AOL2041115

Regarding: Application for a Class II Permissive Change/Reassessment

Organization: Hill-Rom, Inc.

This Hill-Rom Watchcare Reader Transciever, Model P006979, has been previously certified under the ID number listed above. We would like the modified product to certified under the same ID number.

The PCB was not changed. The Antenna, RF power and modulation have not changed.

The duty cycle has increased from 7.41 to 10.0 %. The minimum separation distance from the 900 MHz antennas to personnel has changed from 53 mm to 10 mm.

The duty cycle change did not effect any emissions results. In the original report, there was no relaxation of the emissions limits for average measurements. The peak data met the average limits.

The RF exposure and SAR exemption were recaculated and determined to still be in complinance when using the revised duty cycle and minimum separation distance.

Authorized Signature

voeph Strzelechi

Joseph Strzelecki Senior EMC Engineer Radiometrics Midwest Corporation Authorized Agent for Hill-Rom, Inc.