

PCTC
Product Compliance Test Center
2476 Swedesford Road, Malvern, PA 19355

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Page 1/1

References: ATCB ID: ATCB001746
FCC ID: RXR0362018010
IC ID: 5106A – 0362018

Subject: Reason for Reassessment

Previously, the Schulmerich Carillons Generation4 Outdoor Radio Control was tested for the FCC Part 15 requirements. The remote control was found compliant with the FCC Part 15C (Intentional Radiation) and Part 15B (Unintentional Radiation) requirements and it was FCC certified. Similarly, the Generation4 Outdoor Radio Control was also found compliant the Industry Canada requirements of Specification RSS-210, Issue 5 and it was IC certified.

Schulmerich Carillons is needed to replace one obsolete component (RF Transmitter) with its replacement part available from the same manufacturer. Further, the replacement of obsolete component required making two minor modifications also.

All the changes made to the certified Generation4 Outdoor Radio Control are detailed below:

- (1) Replaced obsolete RF transmitter module (LINX Technologies TXM-900-HP-II) with a LINX Technologies TXM-900-HP3-PPS RF transmitter module.
- (2) Removed 20.5-ohm series resistor to the transmitting antenna input.
- (3) Shortened antenna feed line cable length from 7.81 inches to 3.38 inches.

The Schulmerich Carillons requests the FCC to acknowledge Class II permissive changes of the modified equipment and allow it to market under existing grant of certification. Similarly the Schulmerich Carillons also requests the IC for accepting the modifications and allow to market under existing technical acceptance certificate. The following are the supportive reasons for the requests:

- (1) The changes did not change the maximum power or field strength rating of the certified equipment.
- (2) As documented in Unisys PCTC EMI test report No. 20040909R, dated September 24, 2004, the modified equipment was tested and found that it remains fully compliant with the applicable technical requirements of FCC Part 15C and 15B as well as IC RSS-210, Issue 5.
- (3) The replacement component (RF Transmitter) has the same specification for the application inside the remote control as that of the one obsolete component.
- (4) The modified equipment has no external physical change including the FCC/IC label.
- (5) No new identity name or part number given to the modified equipment.