

TRP Inc.  
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Dayton, MD 21036

February 19, 2009

Federal Communications Commission  
Authorization & Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**SUBJECT: Philips Industrial Activities Louvain**  
**FCC ID: PT5TSU9300**

Gentlemen:

Submitted herewith, on behalf of Philips Industrial Activities Louvain, is an application for Part 15 certification of the RF Transmitter, 802.11b, Remote Control.

Attached are the authorization letter, measurement report (measurement data and test plots), FCC ID label and location, test setup photographs, internal and external photographs, block diagram, schematic diagram, operational description, and the user's manual.

Should you have any questions or comments concerning the above, please contact the undersigned.

Due to the small size of the hand held device, the compliance statements and user info statement required by Part 15.19 and 15.21 respectively, are contained in the user manual.

A question was asked about the duty cycle of the unit. Several plots of the timing spectrum covering 100 ms were made using different transmit commands. The plot with the maximum on time was used to determine duty cycle. Using the dimensioning and distance tools in Adobe, a red line of 7.02 inches was drawn on the plot showing the total screen time of 100 ms. Next a second red line of 0.78 inches was drawn that represents the total on time of the transmitted signal during the 100 ms interval. By dividing the on time by the total transmit time, the duty cycle calculates to a maximum of 11%.

Phillip Inglis  
TRP Inc.

cc: Philips Industrial Activities Louvain