



09/21/2020

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

Re: Applicant: TRANE U.S. Inc.  
FCC ID: TPF-302901  
Part 2.933(b) Change in Identification of Equipment

TRANE U.S. Inc requests a class 2 permissive change according to Part 2.1043.

This change is requested for device, FCC ID: TPF-302901 which is physically and electrically identical as defined by Part 2.907. The only change in this device is in software to reduce the power on certain channels as described in the table below as per 15.247:

Note1: The power levels in black are the original software power settings (approximately in dBm) before the permissive change and the power levels in red are the reduced power levels after the permissive change.

Note2: Only the data rates in the table below are used in this product.

Data Rate	CH1	CH2-10	CH11
1Mbps	19	19	18
2Mbps_L	19	19	18
2Mbps_S	19	19	18
5_5Mbps_L	19	19	18
5_5Mbps_S	19	19	18
11Mbps_L	19	19	18
11Mbps_S	19	19	18
6Mbps	18	18	12.5
9Mbps	18	18	12.5
12Mbps	18	18	12.5
18Mbps	18	18	12.5
24Mbps	18	18	12.5
36Mbps	17	17	12.5
48Mbps	14	16	12.5

Trane Controls Engineering  
4833 White Bear Parkway; Saint Paul, MN 55110, USA; Tel 651.407.4000





54Mbps	14	16	12.5
MCS_0_20	18	18	11.5
MCS_1_20	18	18	11.5
MCS_2_20	18	18	11.5
MCS_3_20	18	18	11.5
MCS_4_20	18	18	11.5
MCS_5_20	16	16	11.5
MCS_6_20	16	16	11.5
MCS_7_20	16	16	11.5

Chris VanderKoy

A photograph of a handwritten signature "Chris VanderKoy" and the date "2020-9-22" in black ink on a light-colored surface.