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**HS9-THX321WF01 FCC COVER LETTER**

Date: 12/05/2018

To Whom It May Concern:

This letter is to inform you of our request for a new certification for our transceiver known as HS9-THX321WF01. The transceiver will operate under Parts 15.247 & 15.407.

The certification consists of a family of Wi-Fi enabled thermostats that operate in the 2.4GHz and 5GHz ISM bands utilizing the popular 802.11a/b/g/n standard data rates and modulations for Wi-Fi and a proprietary 902-926MHz ISM band utilizing a frequency hopping algorithm. These thermostats are designed to control various HVAC equipment. While these thermostats are intended to be used in mostly residential applications, they can also be used in various light-commercial applications as well.

Variants under this filing include the following devices. All variants share the same RF block where the RF circuit and antenna and are electrically and mechanically identical. Differences include software for various markets.

<b>Description</b>	<b>OS Number</b>	<b>Device Model Number</b>
Retail Thermostat w/Sensor (CAN)	RCHT9610WFSW2019	RCHT9610WFW2004
Retail Thermostat w/Sensor (US)	RCHT9610WFSW2003	RCHT9610WFW2004
Retail Thermostat Only (CAN)	RCHT9510WFW2017	RCHT9610WFW2004
Retail Thermostat Only (US)	RCHT9510WFW2001	RCHT9610WFW2004
Trade Thermostat w/Sensor	THX321WFS2001W	THX321WF2001W

Regards,



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Michael Antola