

Summary:

Enovation Controls is working with Texas Instruments and Elite Electronics Engineering to complete a Class 2 Permissive Change for the TI WiFi module WL1807MOD.

The TI WiFi module is under modular grant FCC ID: Z64-WL18DBMOD and IC: 451I-WL18DBMOD

The changes made by Enovation were to the trace layout of the antenna circuit.

In the top image below, find the layout of the TI WL18MODGI as laid out on the Enovation Controls Caribou PCBA.

The bottom view shows the board layout of the TI WL1837MODCOM8I as laid out on the evaluation board for the modular grant.



Although the layouts are different, the response of the TI WLAN on the Caribou WiFi module complied with the expected results under test.

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