



Re: Certification for UTA's Nissan Receiver  
Model: KOBNR00RKE  
FCC ID: KOBNR00RKE  
CANADA:

## DESCRIPTION OF OPERATION

### GENERAL DESCRIPTION

The product for which certification is pursued will be manufactured for Nissan Motor Company by United Technologies Automotive for automotive applications. This 315 MHz receiver is mounted in an automobile and works in conjunction with a hand held transmitter. The receiver is permanently mounted in the vehicle and is powered by the vehicle battery. This receiver performs the following functions:

Lock/unlock  
Trunk  
Panic/alarm

The receiver contains a printed circuit board assembly. The two piece exterior housing is injection molded plastic.

### TECHNICAL DESCRIPTION

The receiver is a super-regenerative type architecture that utilizes ASK modulation scheme. It is frequency stabilized with a tunable LC tank circuit that is tuned to 315 MHz. The receiver detects RF data information from a transmitter and performs the functions pressed by the transmitter. The antenna topology used is an PCB, trace on board monopole.

### NAME AND ADDRESS OF MANUFACTURER

#### United technologies Automotive

5200 Auto Club Drive  
Dearborn, Michigan 48126

And

5100 West Waters Ave.  
Tampa, FL 33634

EXHIBIT F

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