

Range test by using vechcal

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Location: Hsinchu, TW

Duration: 6 months

Overview

RF range test is one of critical performance of Wireless mobile speaker (Bluetooth or WIFI). It always bother PQA team when they verify speaker range outdoor or indoor. we desire intern student can solve this problem and provide automatic test solution by using RC vechal.

Objectives

- Develop RC vechcal and control by Arduino, MyRIO or Lego EV3.
- Create range measure method from wheel rotation speed, ultrasonic or raser range finder

Knowledge/Skills

- Familiar with RC car, Arduino or Lego EV3 or NI MyRIO
- Familiar with LabView is puls