

narrative statement

We intent to perform a demonstration for marketing purposes and testing as part of the Darpa robotic challenge exhibition.

This exhibition will stand in the Homestead speedway and we will not use the radios outside of it.

Our system contains the Harris SPR (RF-7800-S) radio (see the datasheet attached) that would transmit/receive data from a robot (a 100lbs 4-wheels vehicle)

and we would control its movements into a specific zone (50x100ft) from a small computer system (connected to a second Harris SPR).

A third computer (connected to a third Harris SPR in receive mode only) will be monitoring the communication between the two system discussed above and will show the information on a big screen.

The demonstration will be done 4 times a day, for only two days. Each demonstration will take 15 minutes to make.

Only one frequency is required for the demonstration (any between 350-450 MHz).