Antenna Troubleshooting Guide

When setting up your machine for testing, use the following procedure:

1. Verify that the joystick power is on.
2. Connect your Antenna to the control module.
3. Connect your Battery pack to the control module.
4. Connect your Motors to the control module.
5. Begin testing.

If you are having problems with your antenna (your device does not respond to the controller, or shudders for no apparent reason), check the following:

1. Make sure that the joystick number matches the channel number of the control module. Both are color coded in pairs.
2. Make sure that the joystick is connected to the power supply.
3. Make sure that the power supply is turned on.
4. Make sure that your antenna is plugged in.
5. Make sure that your antenna is not too short. It should be about a meter long.

If you’ve checked all of the above and the problem still exists, try the following:

1. Tie up any loose parts on your vehicle. Metal-on-metal contact noise could interfere with signals.
2. Stand your antenna up vertically. This configuration should provide the best reception.
3. Try a different antenna length.
4. Try a different antenna shape, such as a coil.

If the problem still exists:

1. Ask one of the TAs for a new antenna.
2. Ask one of the TAs for help.