



6-20-2022

Application Purpose:

The product we are testing at the Sanmina Manchester, NH location is the **Cloudrunner CR-H2** camera. It is an automatic license plate recognition camera that can be installed very simply using a solar panel as the power source. It is always connected to the cloud using a built-in cellular modem, which allows remote management and live review of the reads using a web portal. The camera also integrates a GPS receiver to report the camera location to the back-end services. For production, we need to test that the GPS antenna is functional and correctly connected to the modem before we ship. Hence, we need to verify that the unit can receive GPS signals. That cannot be done indoors (e.g. in a manufacturing plant) that does not have a clear view of the sky for proper GPS reception, hence the need for the repeater.