# Practical Lab 5 – Wireless End Devices

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**Lab Instructions:**

Part One.

* Plugged in the wireless dongle to the computer using a Virtual Machine, when it was plugged in the computer detected the device and was ready to use.
* The other wireless dongle required a driver to run in the virtual machine, once we had access to a 32Bit driver we installed it and the wireless dongle was working correctly.

Part Two.

* Got signed off by the lecturer with both the Wireless dongles working on the practice kits.

Part Three.

* Wireless G supports a maximum transfer rate of 54mbps, it operates at 2.4GHz frequency range. Wireless G is not as fast as wireless N but it is backwards compatible with wireless B devices
* Wireless N supports a maximum transfer rate of 300mbps with 2 antennas. It can reach up to 450mbps with 3 antennas. Wireless N also has increased signal range / power over the wireless G.