

Initial Project Description

For the project we are building an antenna based on the design from our independent research. From what we have learned so far from our independent research studies we now know that we will have to utilize a transmitter that operates within the 2.4GHz frequency.

In order to actually build this antenna we will need various materials:

- Some type reflector such as a satellite dish. This should allow us to transmit and receive the wireless frequencies.

- Various types of connectors which allow us to connect the antenna to the computer and wireless card.

- A wireless card that picks up the specified frequencies, but it also must be compatible with any connectors we use.

- Some type of computer other than our laptops.

- Copper wire in order to make the element of the antenna

Example of a Biquad Antenna

