

# Testing WiFi Strength (iPhone)

Before installation begins, it's important to test WiFi strength at the proposed Ford Charge Station Pro install location. This will help installers and homeowners understand signal strength and set expectations when pairing the charge station to the customer's wifi. Below are the steps on testing wifi strength and what defines "good" vs "poor" signal.

## AirPort Utility

AirPort Utility will be used to test WiFi strength. This application is a free download on the IOS App Store.

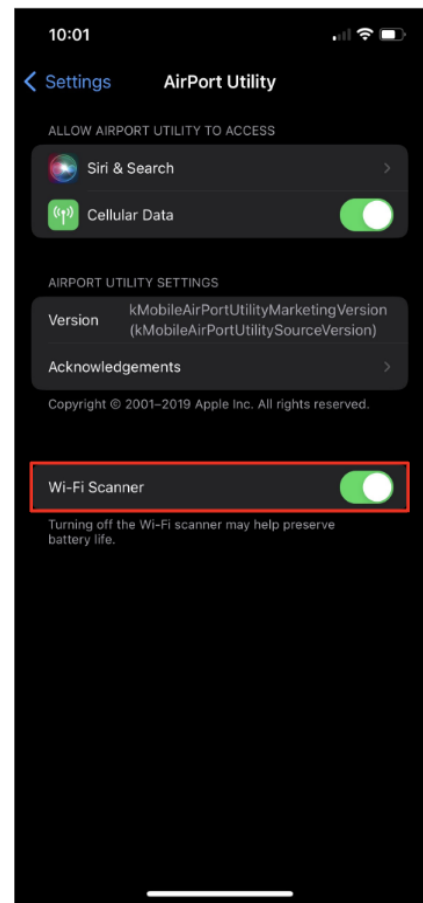
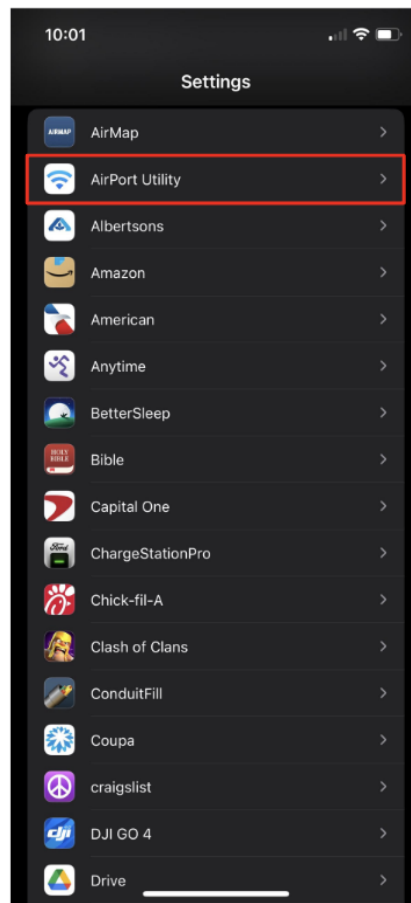
### Download Application:

- From the IOS App Store, download [AirPort Utility](#)



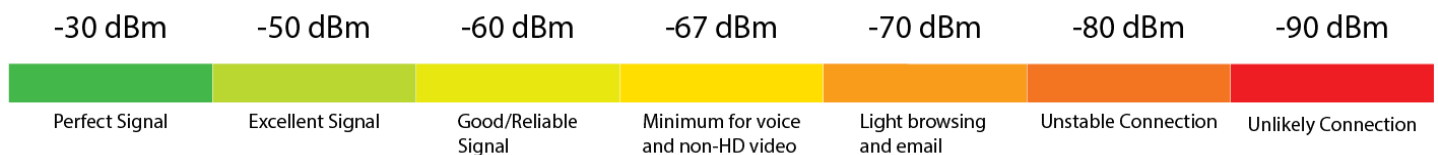
### Update Application Settings:

- From your phone's settings, scroll down to the AirPort Utility application
- Select AirPort Utility
- Enable "Wi-Fi Scanner" at the bottom



## Signal Strength (dBm)

WiFi signal strength is measured in decibels (dBm). Signal strength will range from -30 dBm to -110 dBm. The closer the number to 0, the stronger the signal will be. Anything better than **-75 dBm** will be considered usable signal strength. Anything higher than that, we'll recommend the customer purchase a wifi extender to increase the signal strength.



## Using AirPort Utility

After AirPort Utility is downloaded, wifi scanner enabled, and you understand dBm, you're ready to test the wifi strength. Proceed to the Ford Charge Station Pro install area and follow the instructions below.

### Instructions:

- Stand as close to the charger install area as possible
- Make sure wifi is on via your iPhone's settings

- Open AirPort Utility
- In the upper right corner select “Wi-Fi Scan”
- In the upper right corner select “Scan”
- Locate the customers wifi from the list (goes from strongest to weakest via dBm)
- Determine if wifi is strong enough for good connection or if we’ll recommend wifi extenders
- Screenshot customers wifi page showing the dBm strength
- Upload screenshot with project photos

