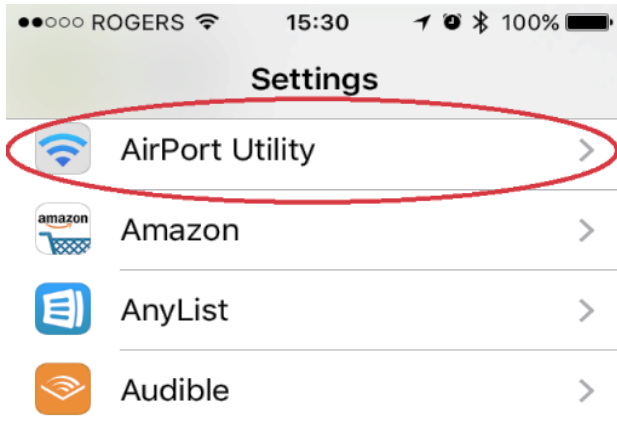


## WiFi Analyzer on IOS - How to Assess the Busiest WiFi Channels at your Premises

1. Download the [AirPort Utility] via [Appstore].

2. Go to iOS [Settings] and find scroll down until you find the [AirPort Utility]



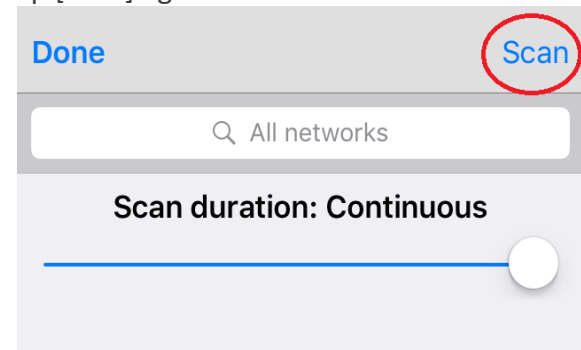
3. Turn [WiFi Scanner] on.



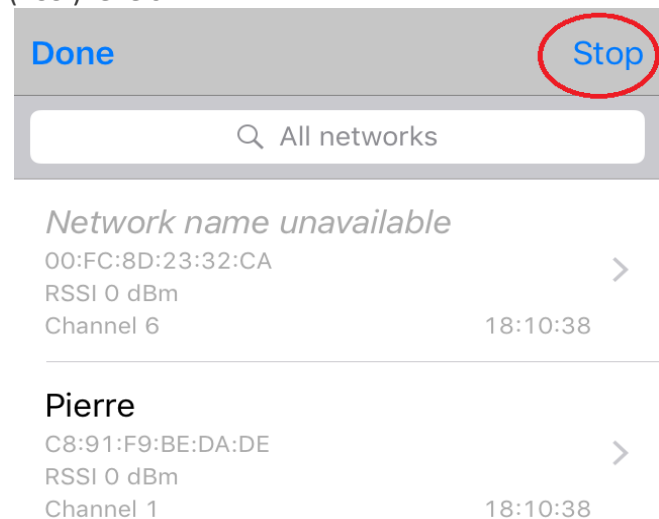
4. Open [AirPort utility] and tap [WiFi-Scan]



5. Tap [Scan] again and wait 3 to 5 minutes.

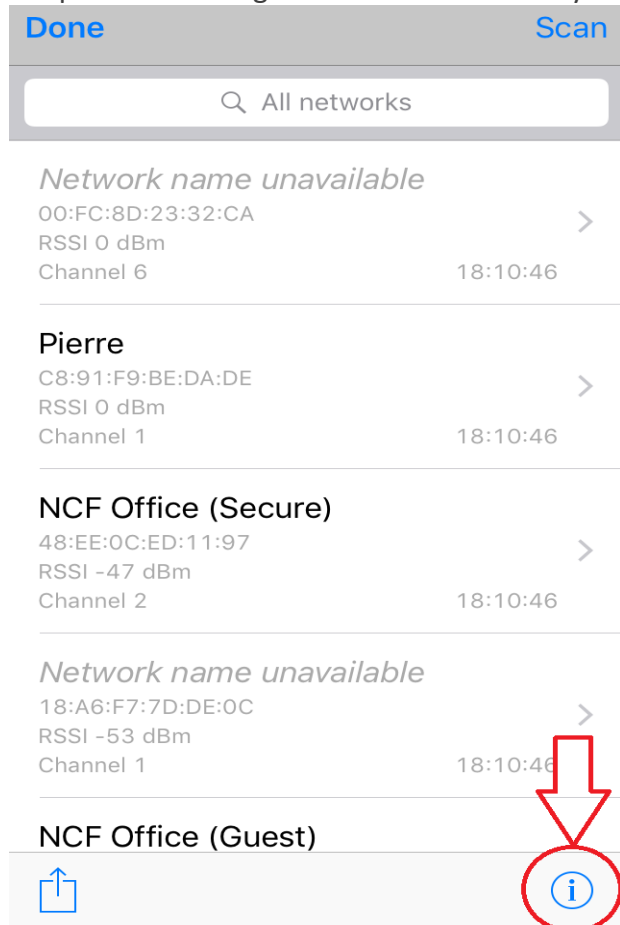


6. After 3 to 5 minutes you can [Stop] scanning. Now you can see all the networks with their channels and Relative Signal Strength Indicator (RSSI) levels.



## WiFi Analyzer on IOS - How to Assess the Busiest WiFi Channels at your Premises

7. Push the [i] (Information) icon at the bottom for a report of the congested channels around you.



If you're configuring your modem yourself, you want to avoid the channels of the top 10 networks besides your own. The report makes it easier to make a choice of which channels to try.

8. Take a screenshot by using the key combination [Power+Home] and send the pictures in response to the most recent ticket email you have received from the NCF Help Desk or to [support@ncf.ca](mailto:support@ncf.ca).

9. The 2.4Ghz frequency has a longer range (travels further), fewer channels and more devices compatibility causing more wireless interference. In North America it spans channels 1 to 11. Try the channels (possibly unlisted) with the fewest devices.

Recommendation for below: Channels 4 & 8.

The 'Channel Usage' screen shows a list of channels and the number of devices using them. The 2.4 GHz section is highlighted with a red box. The 5.0 GHz section is also visible below.

Frequency	Channel	Number of Devices
2.4 GHZ - 20 DEVICES	channel 1	6 devices
	channel 2	1 device
	channel 6	5 devices
	channel 11	8 devices
5.0 GHZ - 3 DEVICES	channel 36	1 device
	channel 52	1 device
	channel 112	1 device

10. **REMEMBER:** go back into the settings and turn off the [WiFi-Scanner] to conserve your device's battery.