

Practical No. 9

Aim: Wireless Network threats (sniff wifi hotspots, analyze strength, and discover wireless access points).

Lab Objectives:

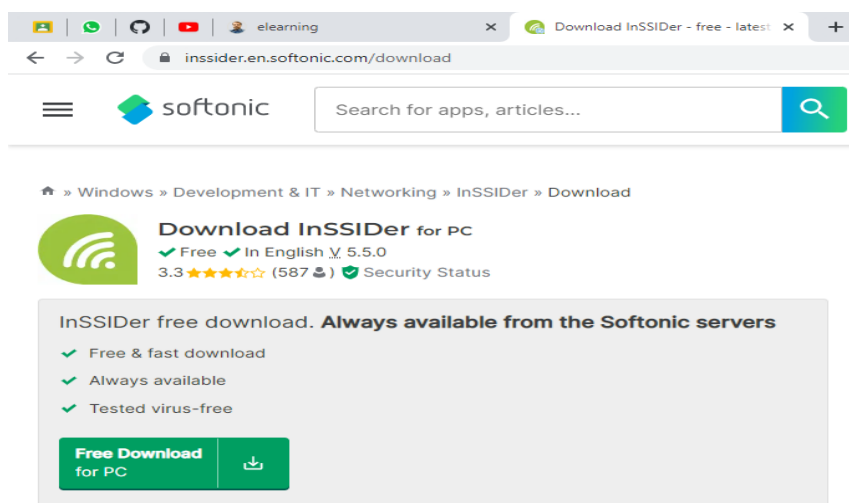
1. Install and configure InSSIDer
2. Check the wireless signal strength

Lab Environment:

1. Windows OS
2. Web browser with Internet connection
3. Administrative privileges

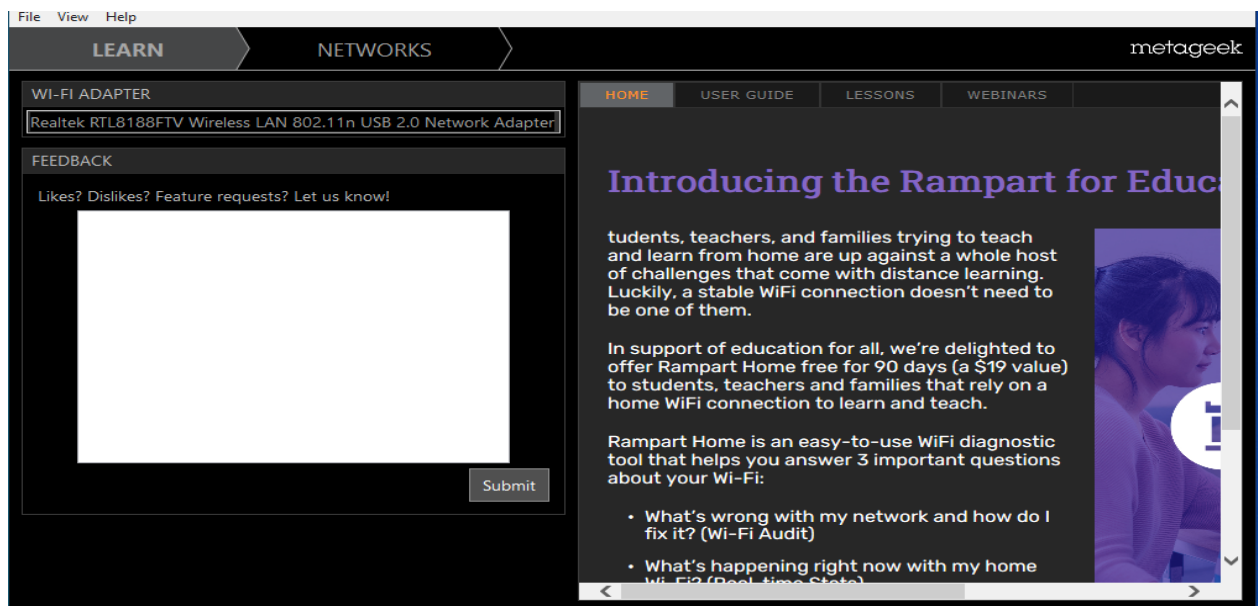
Implementation:

1. Type <http://inssider.en.softonic.com/download> in the address bar of a web browser, and press enter, as shown in figure
2. In the webpage that opens, click on the link, download InSSIDer for windows, as shown in figure

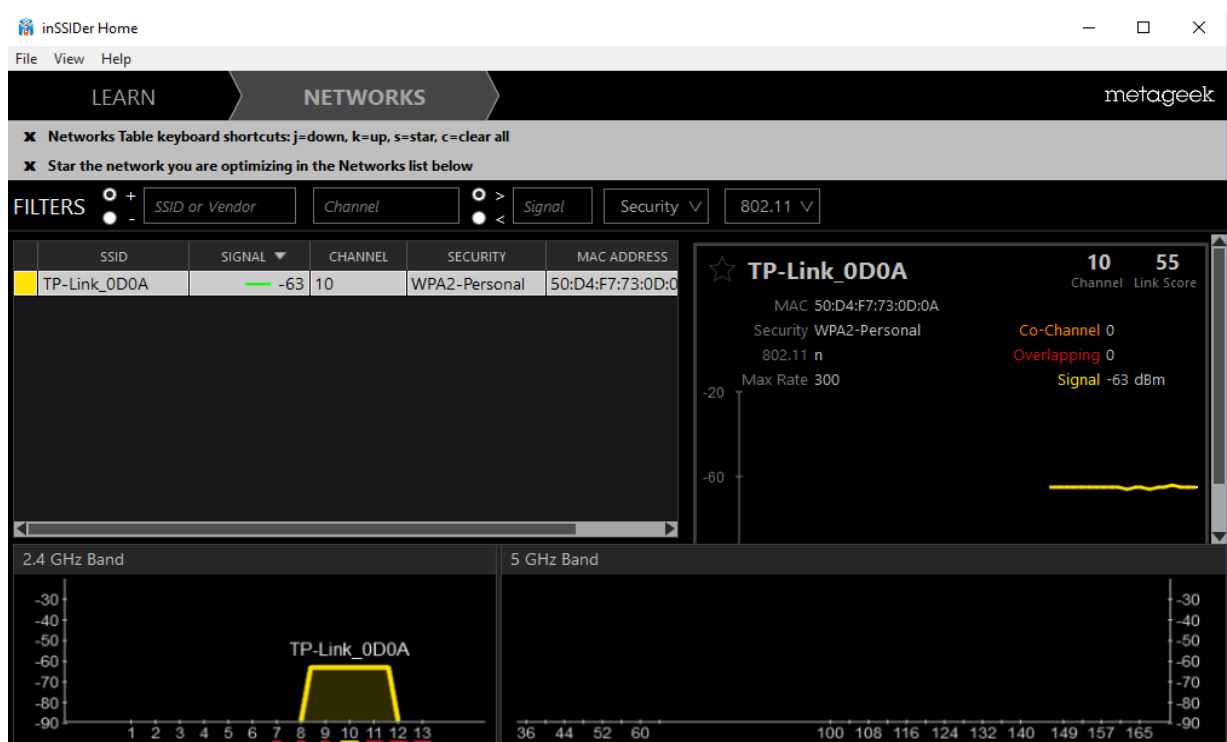


3. Click on free download, as shown in figure
4. Click on the downloaded files
5. In the next screen that appears, click on next

6. In the next screen, click on the 'everyone' radio button, and then click next
 7. In the next screen that appears, click on next, as shown in figure
 8. Then after the files gets installed, the following screen will appear, click ok
- Then InSSDer icon will appear on the desktop
10. Double click on the InSSDer icon on the desktop,
- Then the following screen will appear, as shown in figure below



11. Click on the Time Graph tab, as shown in figure



It will show the time graph of all the available SSID, we need to select the particular SSID

What we need to know

12. Click on the particular SSID as shown in figure 12, in this lab we have selected WSTREAM AP0 SSID

Now you have to select another SSID for comparison

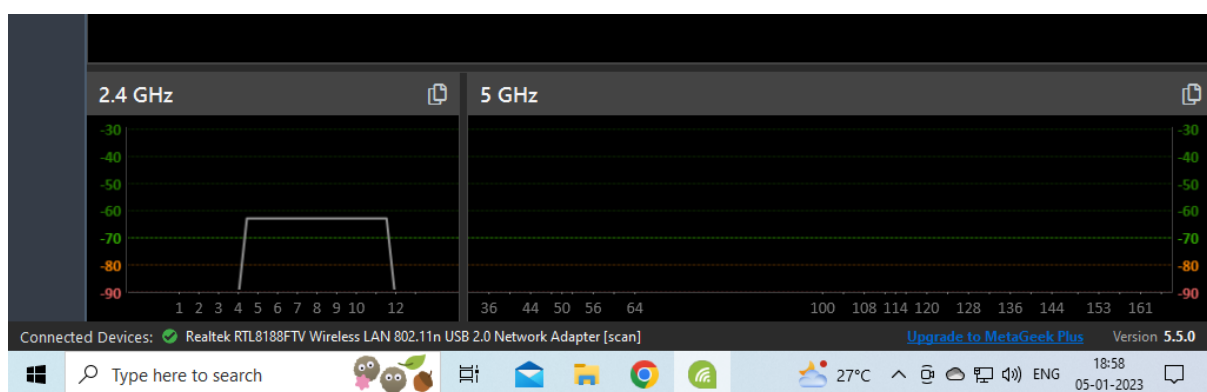
13. Scroll down the SSID and select WStream AP -1

14. Click on the 2.4 GHz channels tab

16. it will show 2.4Ghz channels for two SSID, WStreamAP1 and WStreamAP0

17. Click on 5Ghz channel

Thus, you can see the signal strength for both the SSIDs.



In this way, we can analyse wireless network strength with the help of SSIDER tool

