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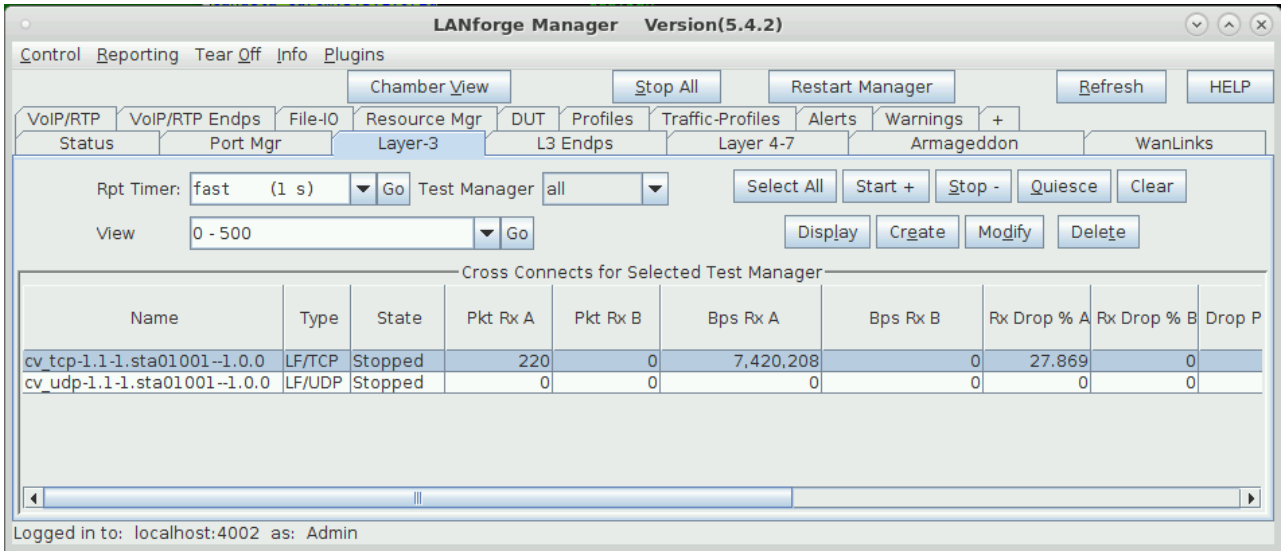
Watch ports and stations with the Monitor Port plugin.

Goal: Display a bandwidth meter for ports and stations.
You can display a series of meters for one or more ports with a nice demo window for traffic speed. For this demonstration, we have configured a station, an upstream port, and a Layer-3 connection to generate traffic.

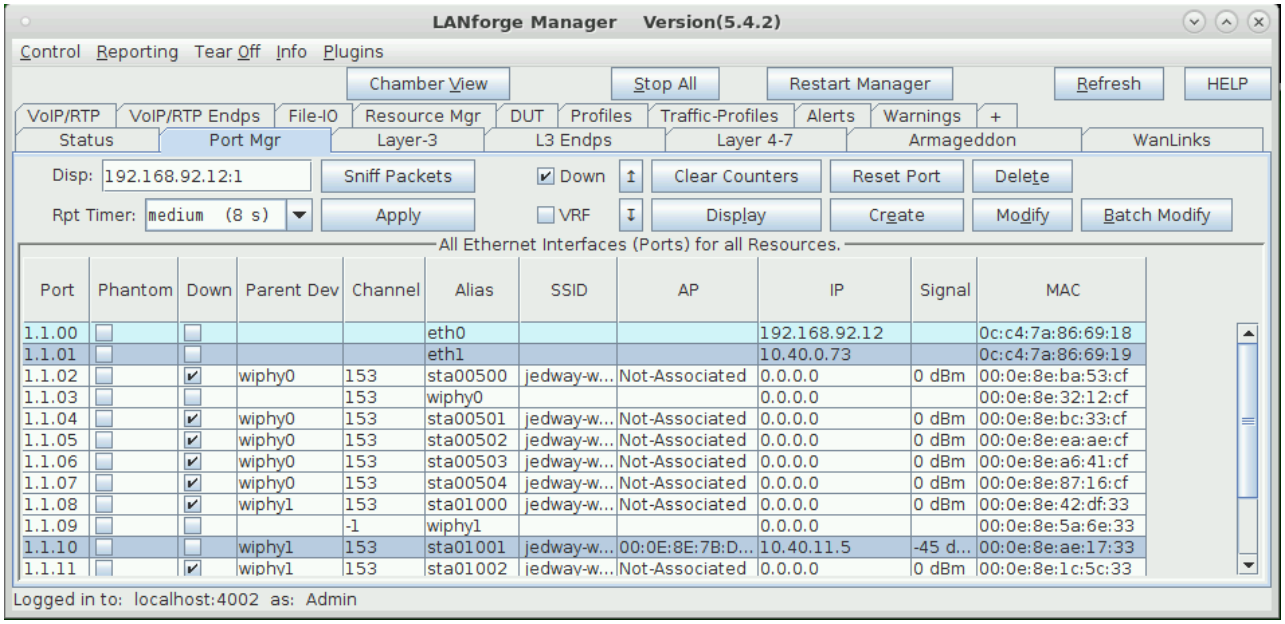
Single port display

1.
2. The simplest example for port monitoring is showing only one station.
3. We will start our Layer-3 connection.

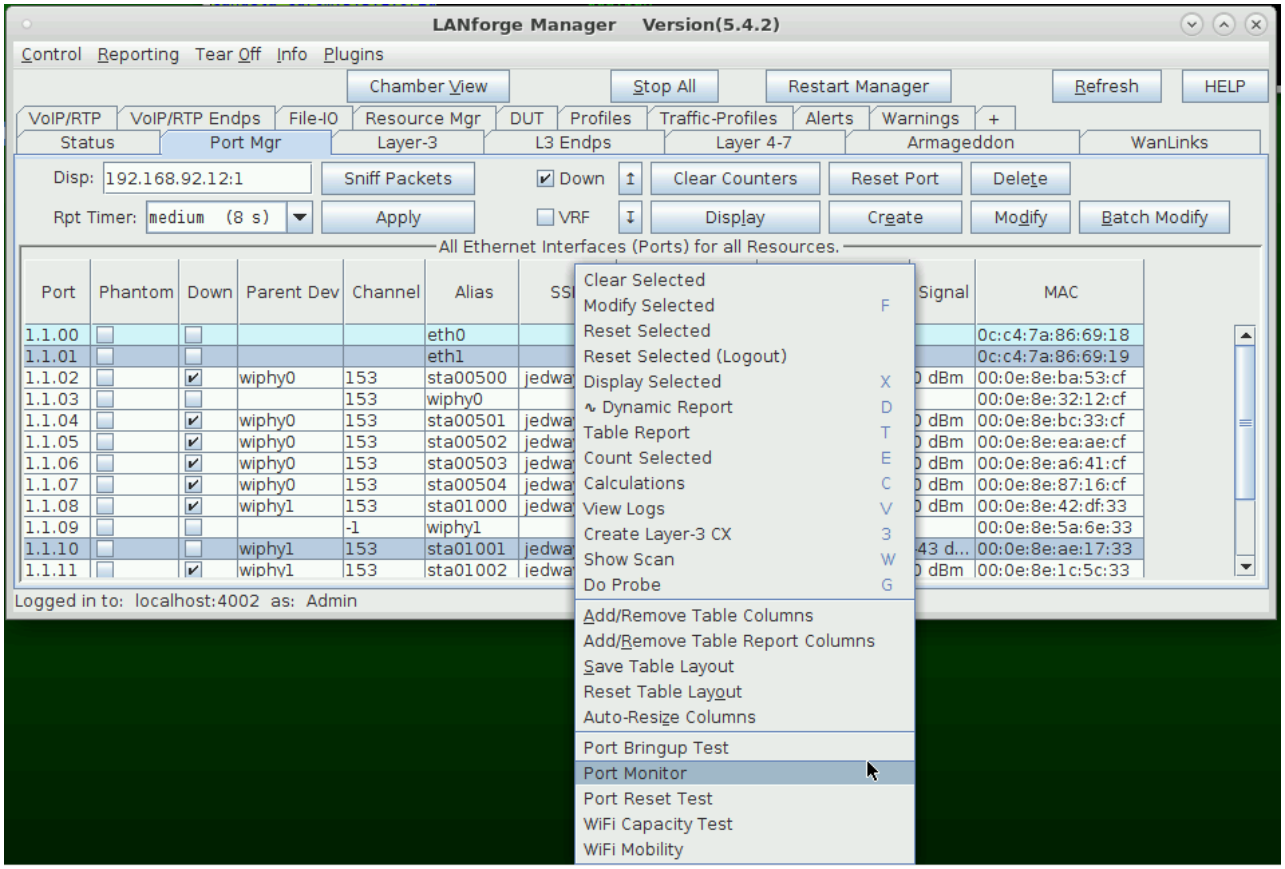


For more information see Generating Traffic to a Switched Network

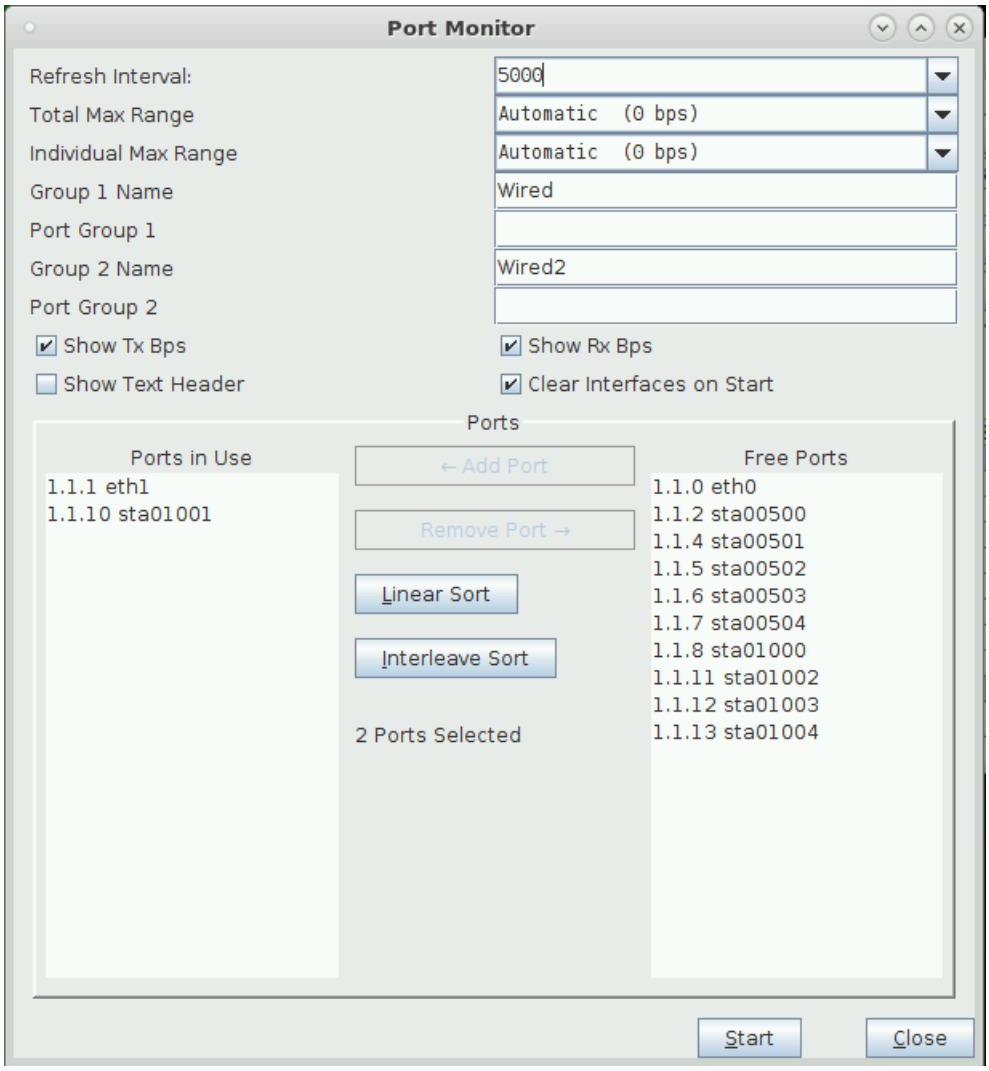
4. After starting the Layer-3 connection, click on the *Port Mgr* tab; you will see your connection ports highlighted.



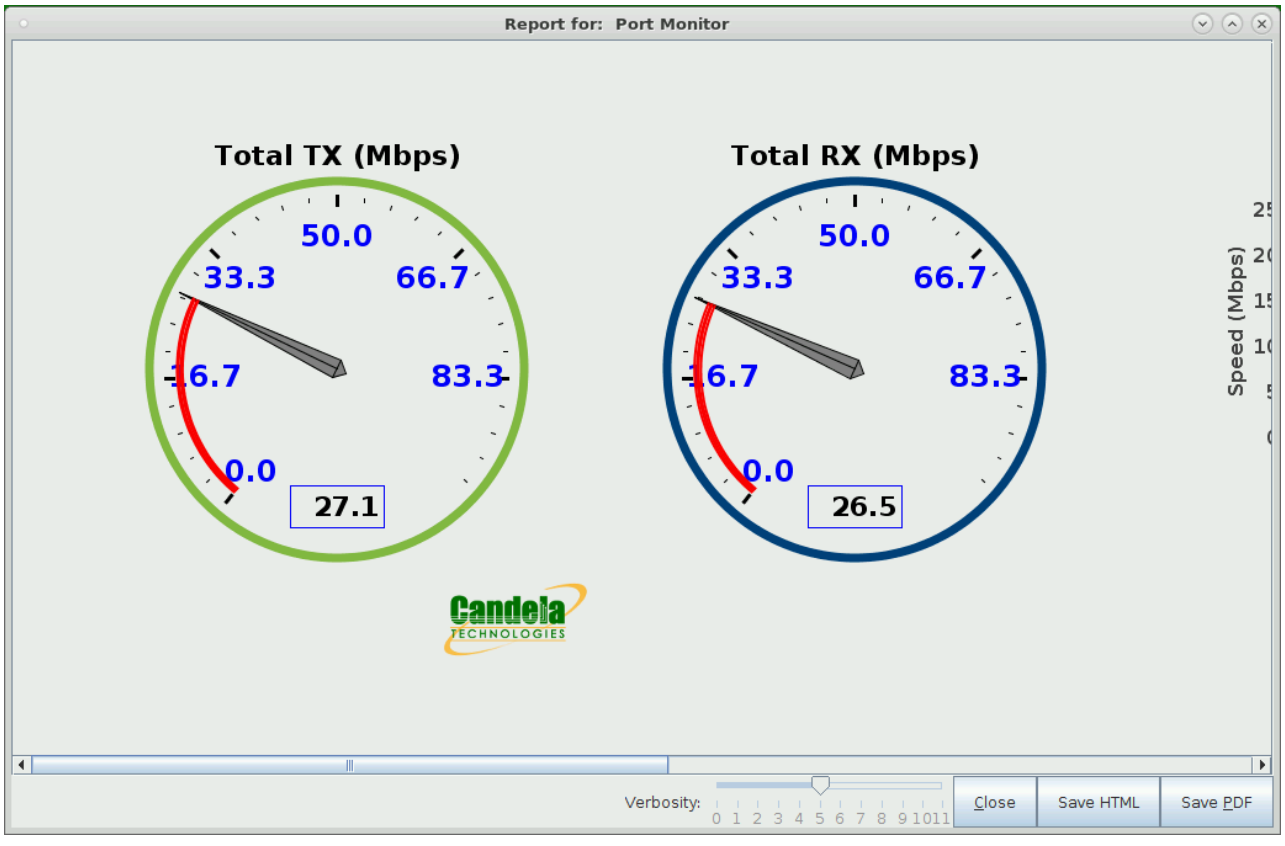
5. Right click on one of the selected ports, and select **Port Monitor**.



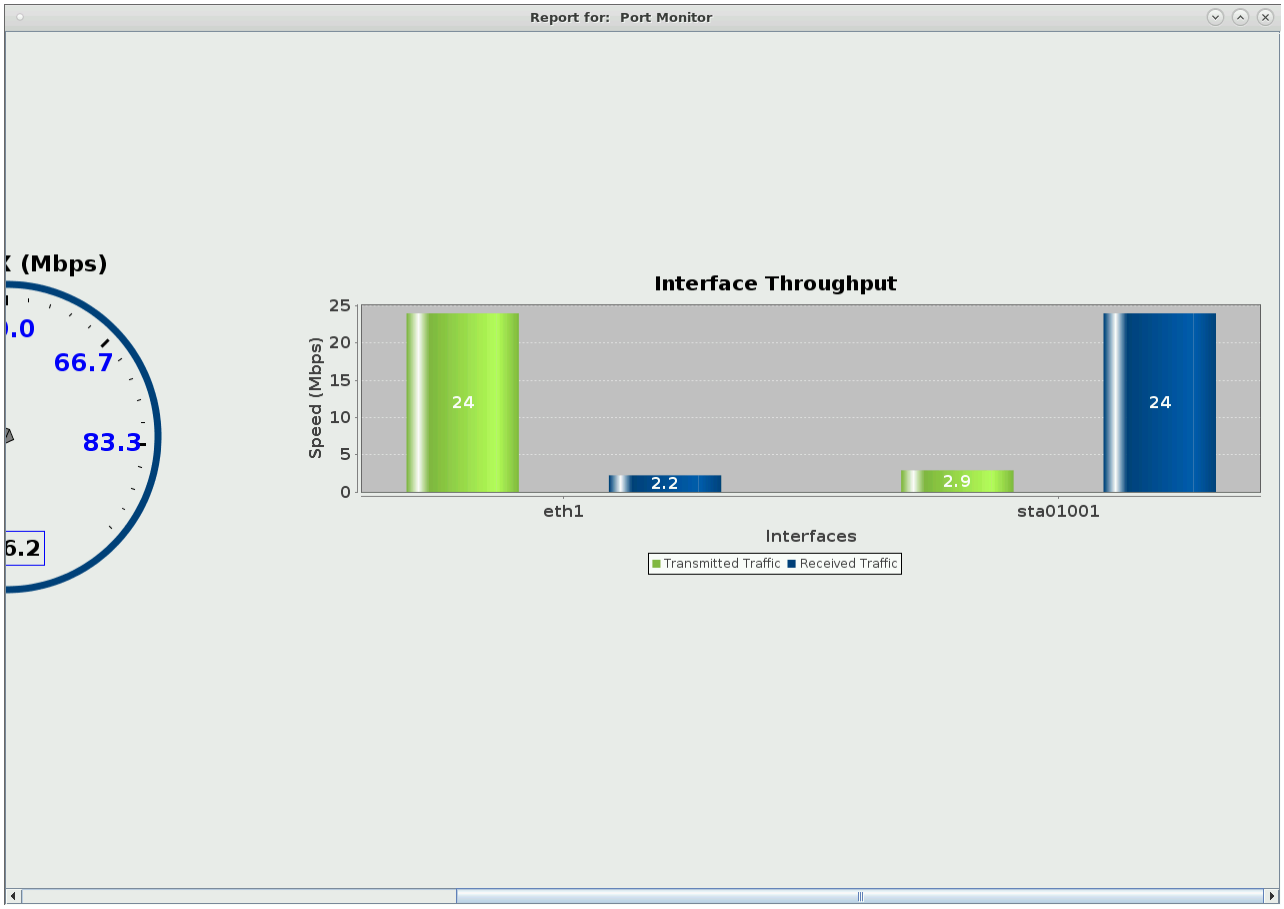
6. You will see your two ports in the port selector. Click **Start** to begin the monitor.



7. The monitor display was designed to be a full-screen window. You'll see it scroll off to the right. Maximize the window to see more.



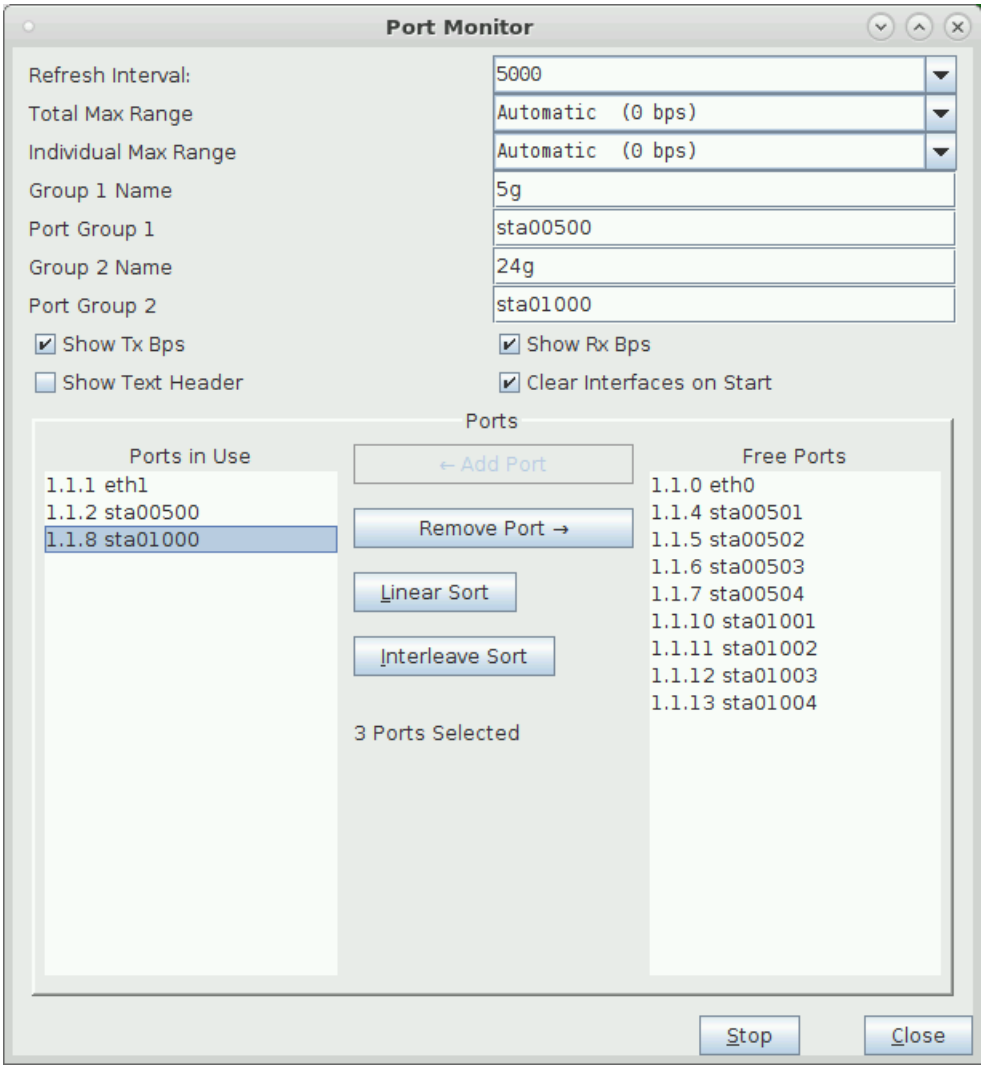
8. The bar chart on the right side shows port totals.



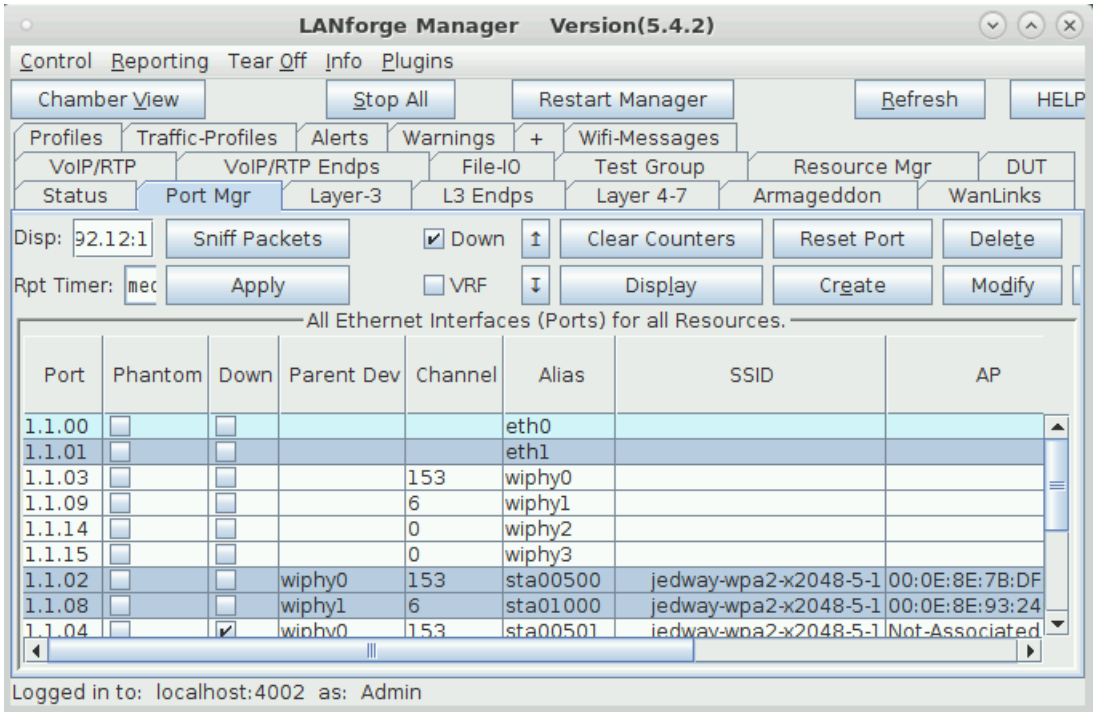
9.

Displaying Groups of Ports

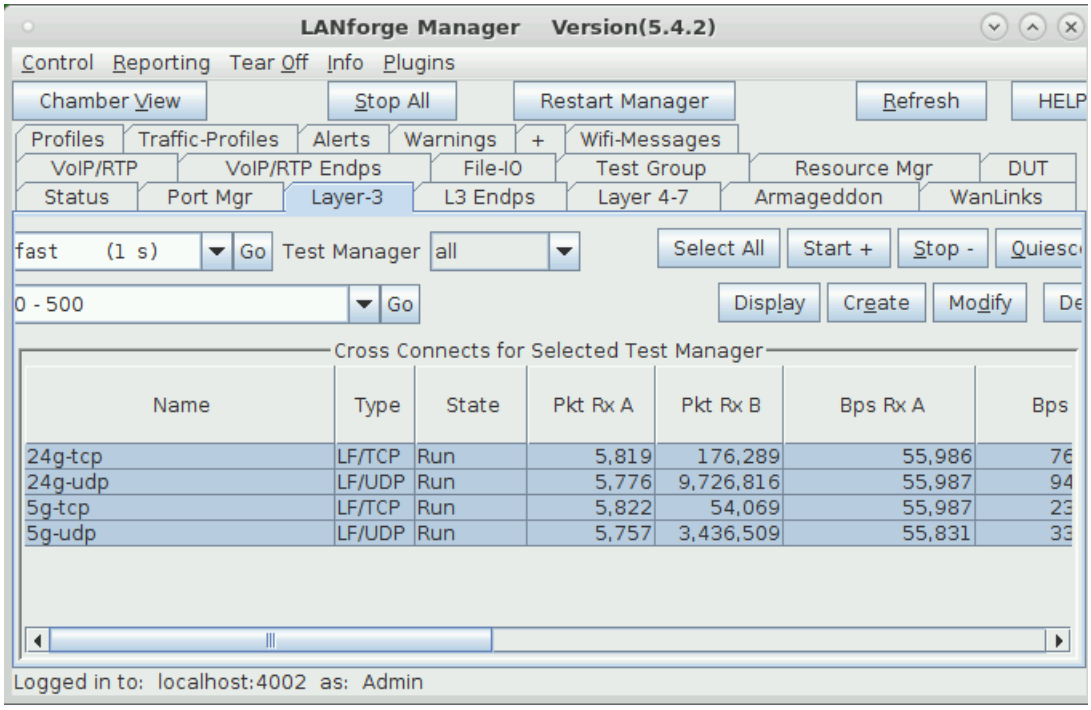
10. You can use the *Port Group 1* and *Port Group 2* fields in the settings window to display items. The window pictured here shows a station on a 2.4Ghz band and another station on a 5Ghz band.



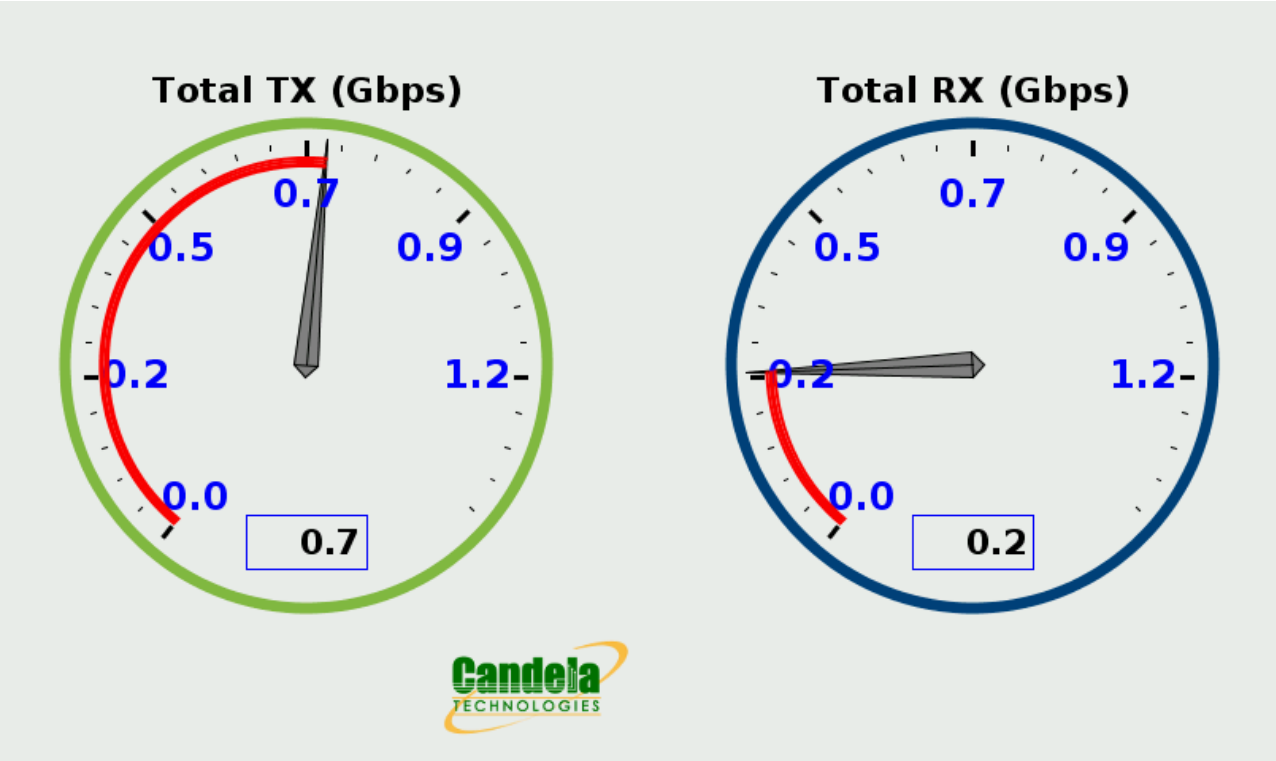
11. The ports for these settings show different channels



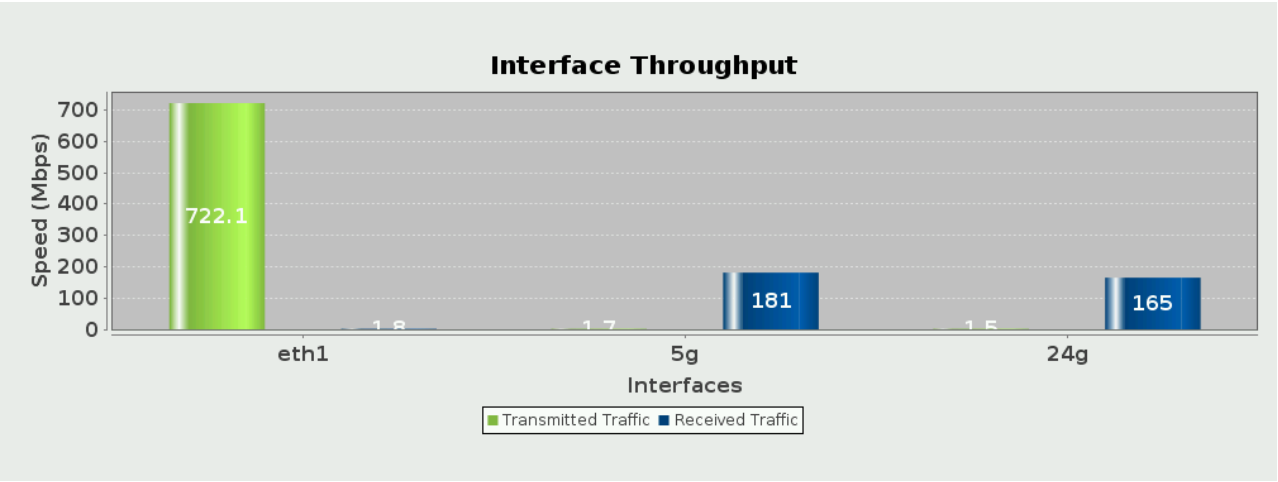
12. The connections for these ports are both attempting 300Mbps download



13. We see a lot of TX from `eth1` in the dial, but not much recieved.



14. We can compare the 2.4Ghz ports and the 5Ghz ports in the bar charts


Interface Throughput
Speed (Mbps)
700
600
500
400
300
200
100
0
722.1
1.8
1.7
181
1.5
165
eth1
5g
24g
Interfaces
Transmitted Traffic
Received Traffic