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CSIA 330 – Wireless Security
Professor Robinson
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Lab – Basic Wi-Fi Discovery

1. Describe a location, other than your residence, where you will conduct your test.

I conducted the test at a local grocery store in Zillah (Harvest Foods) with houses directly behind.

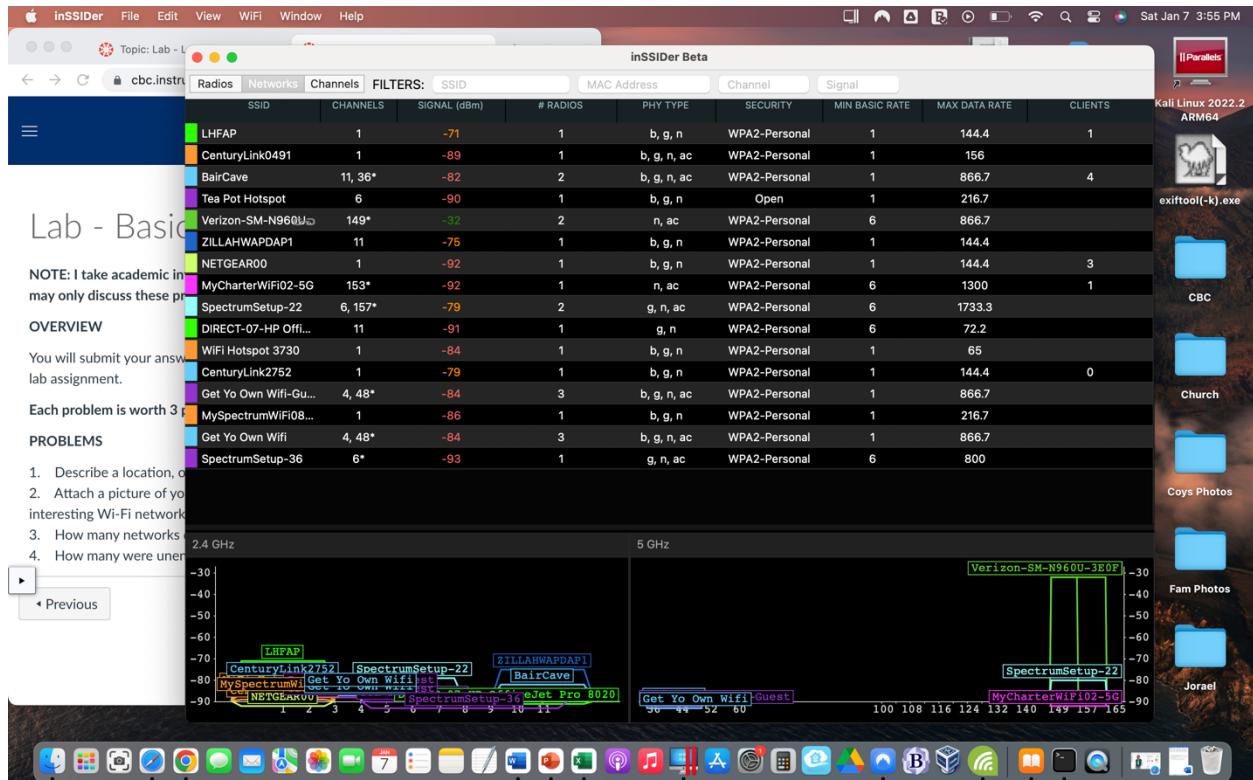
2. Attach a picture of you (must include your face!) completing this lab scanning for interesting Wi-Fi networks.



3. How many networks did you identify in total? Attach a screenshot.

I experimented with both inSSIDer for MAC and the airport command which I have never heard about until now. Airport is a pretty cool command line tool that works great but for this lab I ended up using inSSIDer because I find it more user friendly and has a cool GUI interface.

I ran my initial scan while parked at the store and displayed 16 SSIDs. I drove a block down the road and found 13 SSIDs. A little further down the road nearby another neighborhood I found 19 SSIDs. In all found a plethora of Wi-Fi networks.



- How many were unencrypted networks? Attach a screenshot.

In my first scan I uncovered 1 Open network (Tea Pot Hotspot). In my second test I found two Open networks (Belkin.a0e.guests) and (ZSD Guest). Finally, my third test showed 1 Open (SoundBarSetup_B111) and 1 WEP (GrazeCraze) older and less secure technology. Everything else was WPA2-Personal.

