Configuration and hacking of Wi-Fi

Names:	
Group:	
Date:	
Time (e.g., Tue 7:30-9:00):	

Laboratory questions

1. How does the optimized configuration of the wireless router differ from the one you created at home?
2. Does the number of the allocated channel in the automatic configuration match the channel you have found to be the least busy?
3. What does the channel map look like in lab T2:B3-812a? Choose 5 Wi-Fi networks with the highest RSSI, discuss their distribution, and describe their optimal distribution.
4. What is the difference between the following parameters: RSSI, SNR, and Noise Floor?
5. What is your lab's best Wi-Fi connection on the physical and higher network layers?
6. What user experience parameters did you achieve when measured in both configurations of the Wi-Fi network (jammed, non-jammed)? Fill in the form of a table.
7. For your Wi-Fi router, distinguish the transmit power value on the 2.4 GHz band hidden under Low, Mid, or High.