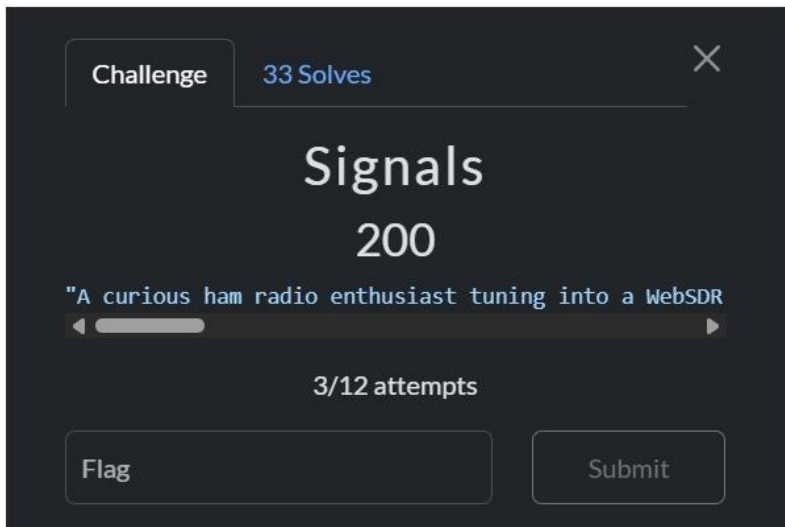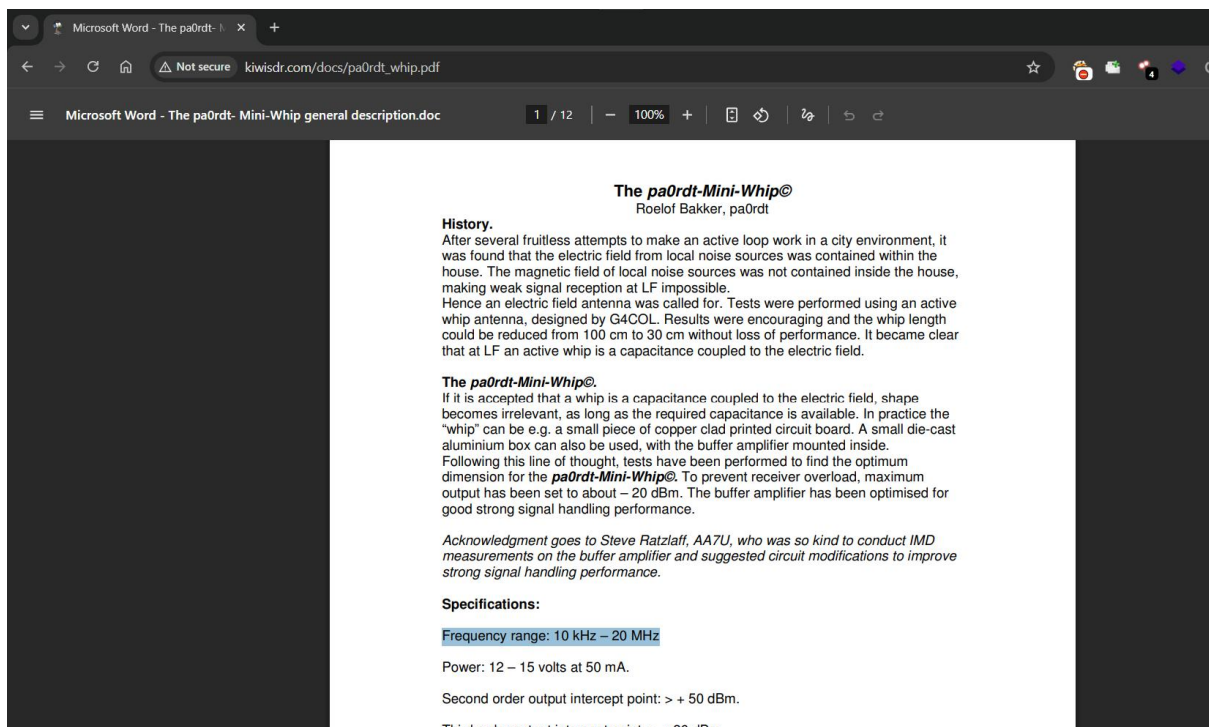# Challenge Name: Signals — 200pts (OSINT)

Steps to reproduce:

1. The description was as follows

A curious ham radio enthusiast tuning into a WebSDR stumbled upon a revolutionary design—the pa0rdt-Mini-Whip©, known for its unique frequency range. Pair the frequency range it operates on with the callsign of its creator in the format: FLAG{range_callsign}. Can you decode the signal?

2. Through this we could understand that it requires the frequency range of the design. After searching it on google we stumbled upon following paper

http://www.kiwisdr.com/docs/pa0rdt_whip.pdf

3. This gives the description that the frequency range is 10kHz-20MHz and to make the flag we will keep it as it is but, in the description it was mentioned that we have to combine the frequency with the callsign of the creator's name which is pa0rdt.
4. So, the final flag came up as **FLAG{10kHz-20MHz_PA0RDT}**

~By Team justahacker