Software Defined Radio

Cork SEC

Me

- Background in Electronics & Data Analytics

- Interested in Data , Radios , IoT , Raspberry Pi, Antennas

Old Hardware Radios

Software Radios

- Frequency Range : 25MHz-1700MHz

- Around $20

- Easily available on Amazon/Ebay

Use Cases

- Listen to Cork Airport Weather

- Track flights in Realtime

- Listen to local FM radio on your laptop

- Record data from Weather Stations & Satellites

- Listen to Cork Taxi Drivers

Useful Software/Antenna Links

- GQRX - http://gqrx.dk/ (To Listen on Laptop)

- Dump1090 - https://github.com/antirez/dump1090 (To decode ADSB)

- RTL 433 - https://github.com/merbanan/rtl_433 (Decode 433.9 MHz Signals)

- Super Simple Wine Cork Antenna - http://antirez.com/news/46