

Resources

Smartphone apps:

* WiFi Analyzer

Google



* Architecture of Radio

Google



Apple



Current Dutch frequency map:

<https://www.rdi.nl/binaries/rdi/documenten/brochures/2017/juli/21/overzicht-van-het-nederlandse-frequentiespectrum/Poster+het+Nederlandse+frequentiespectrum+2024.pdf>



Websites:

* Sensoren register Groningen

<https://data.groningen.nl/>



* Antennekaart

<https://antennekaart.nl/>



* Antenneregister

<https://antenneregister.nl/>



Infrastructure Walk

The Infrastructure Walk is brought to you by the **critical infrastructure lab** for the Data in Society source (University of Groningen). We research power and contestation in communication infrastructures. One way of doing this is mapping how the electro-magnetic spectrum is utilised, and asking critical questions such as...

"How is the shaping and usage of the electro-magnetic spectrum, through material technologies, companies, states, and regulations, changing society and everyday life?"

The **critical infrastructure lab** aims to co-develop alternative infrastructural futures that center people and planet over capital and control. We produce research insights, policy recommendations, and build community around three overlapping areas: geopolitics — standards — environment.

Frequencies

4G → 800 + 2600 MHz
5G → 700 MHz 3500 MHz
C2000 → 380 MHz
DECT → 1880-1900 MHz
GSM → 880-960
1710-1780
1805-1875 MHz
WiFi → 2412-2472 MHz
5180-5320 / 5500-5700 MHz
Bluetooth → 2402-2480 MHz

More information about the lab:
<https://criticalinfralab.net/>

