

Firmware files

OBTAIN , ANALYSIS AND MODIFY

Obtain firmware

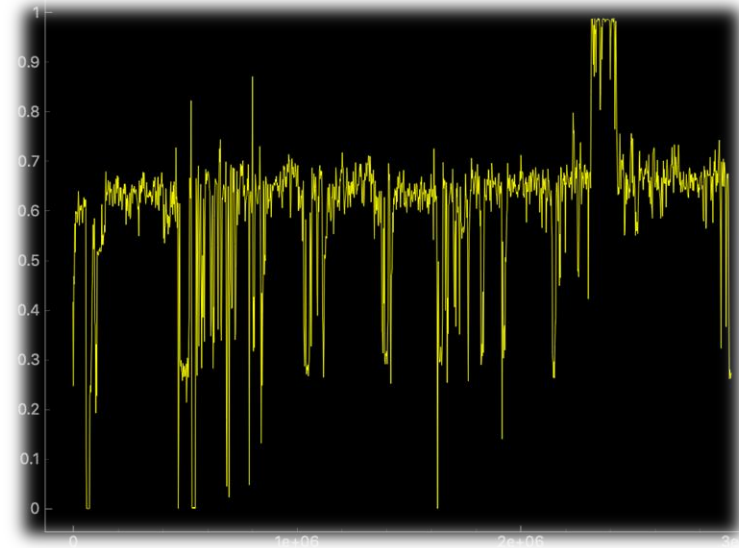
- ▶ Dumping
- ▶ Downloading
- ▶ sniffing



Downloading

Analysis firmware

- ▶ Understand structure and file system
- ▶ Extracting with right tools
- ▶ Find secrets and sensitive data
- ▶ What about zero days



analyzing

Modify firmware

- ▶ Patching
- ▶ backdooring
- ▶ upgrading

```
BusyBox v1.28.3 () built-in shell (ash)
```

The logo for Wireless Freedom, featuring the words "WIRELESS" and "FREEDOM" in a bold, sans-serif font, with a stylized signal icon above the text.

OpenWrt 18.06.1, r7258-5eb055306f

```
root@MT300N-V2:/#
```



modifying