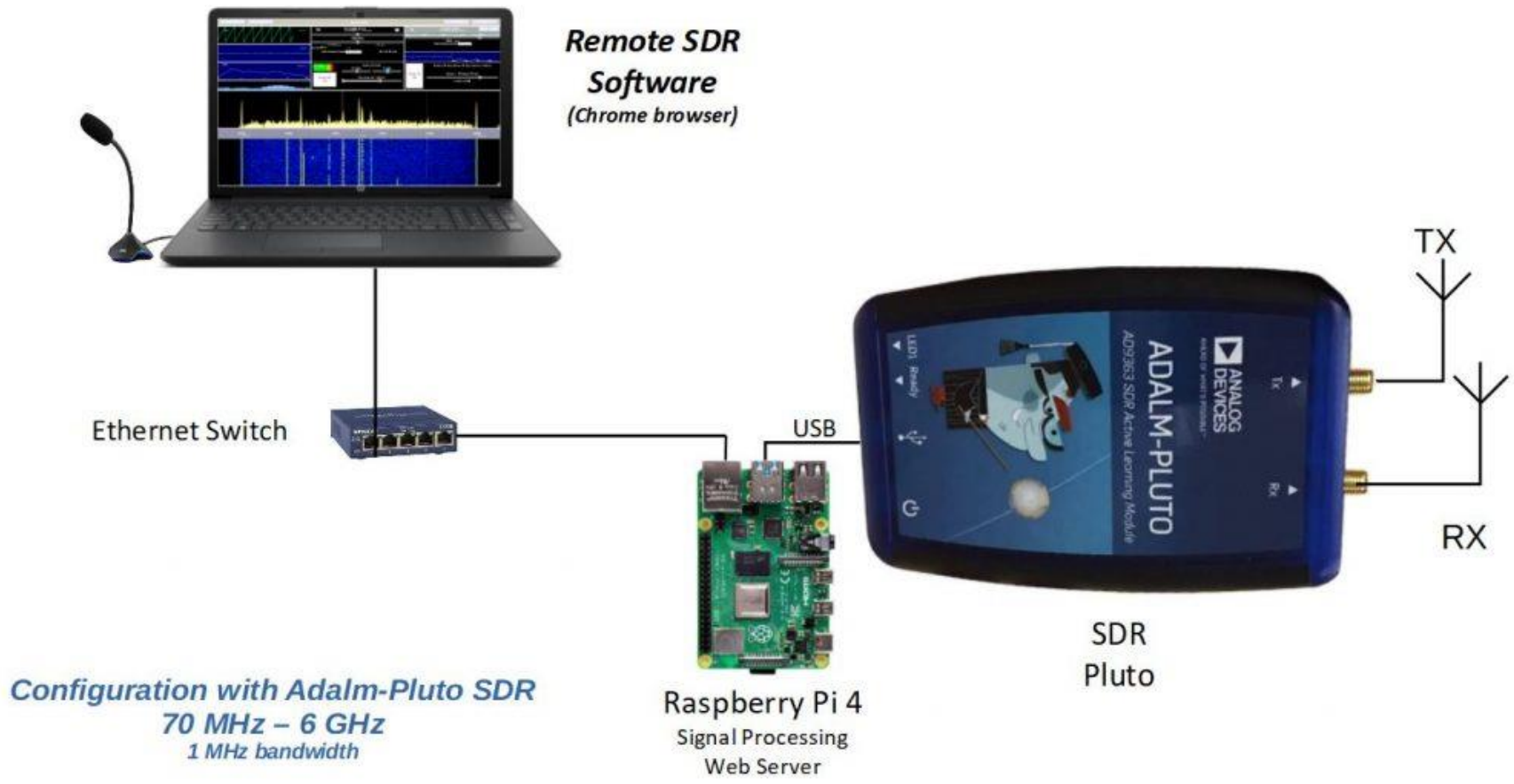
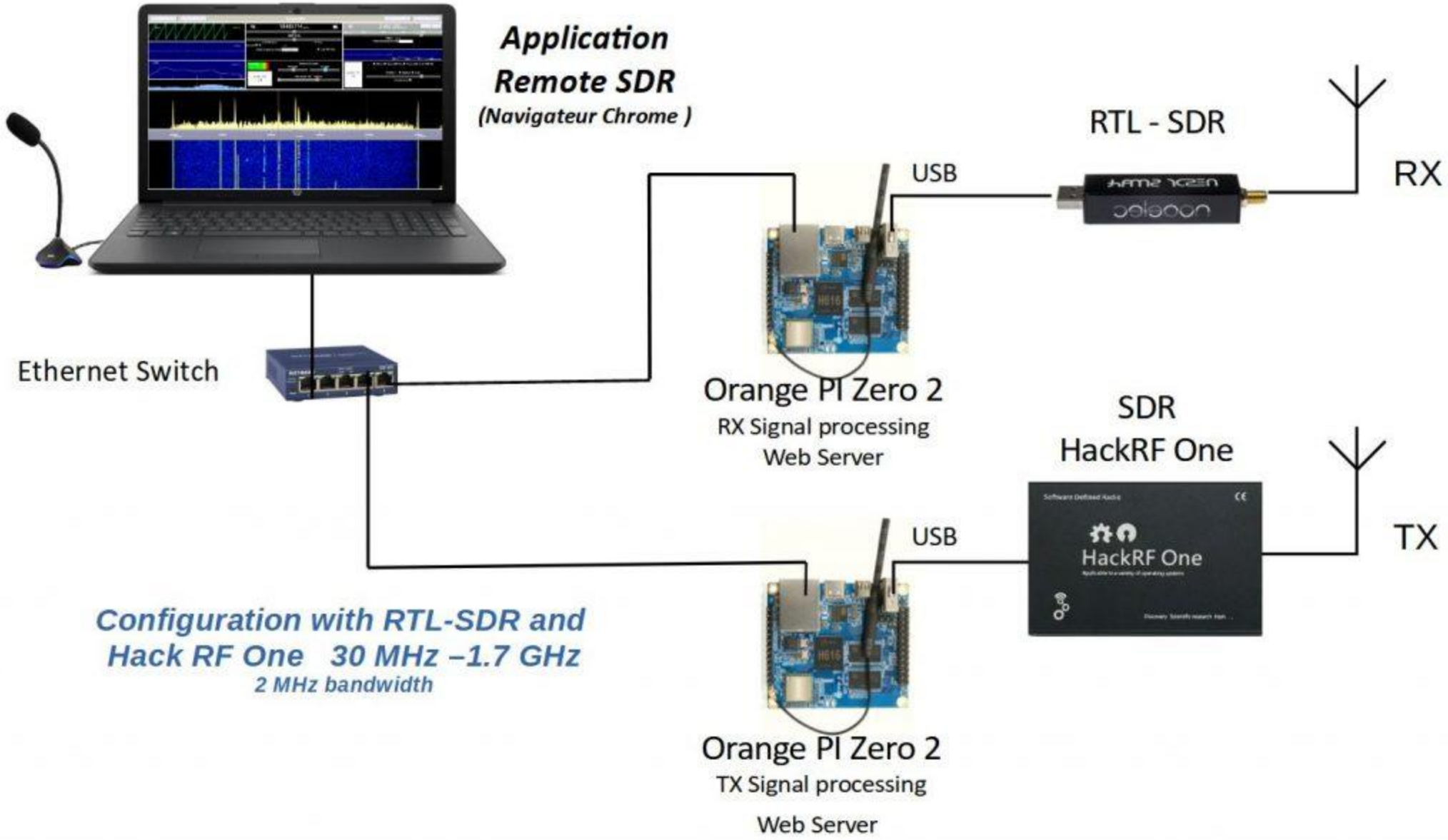
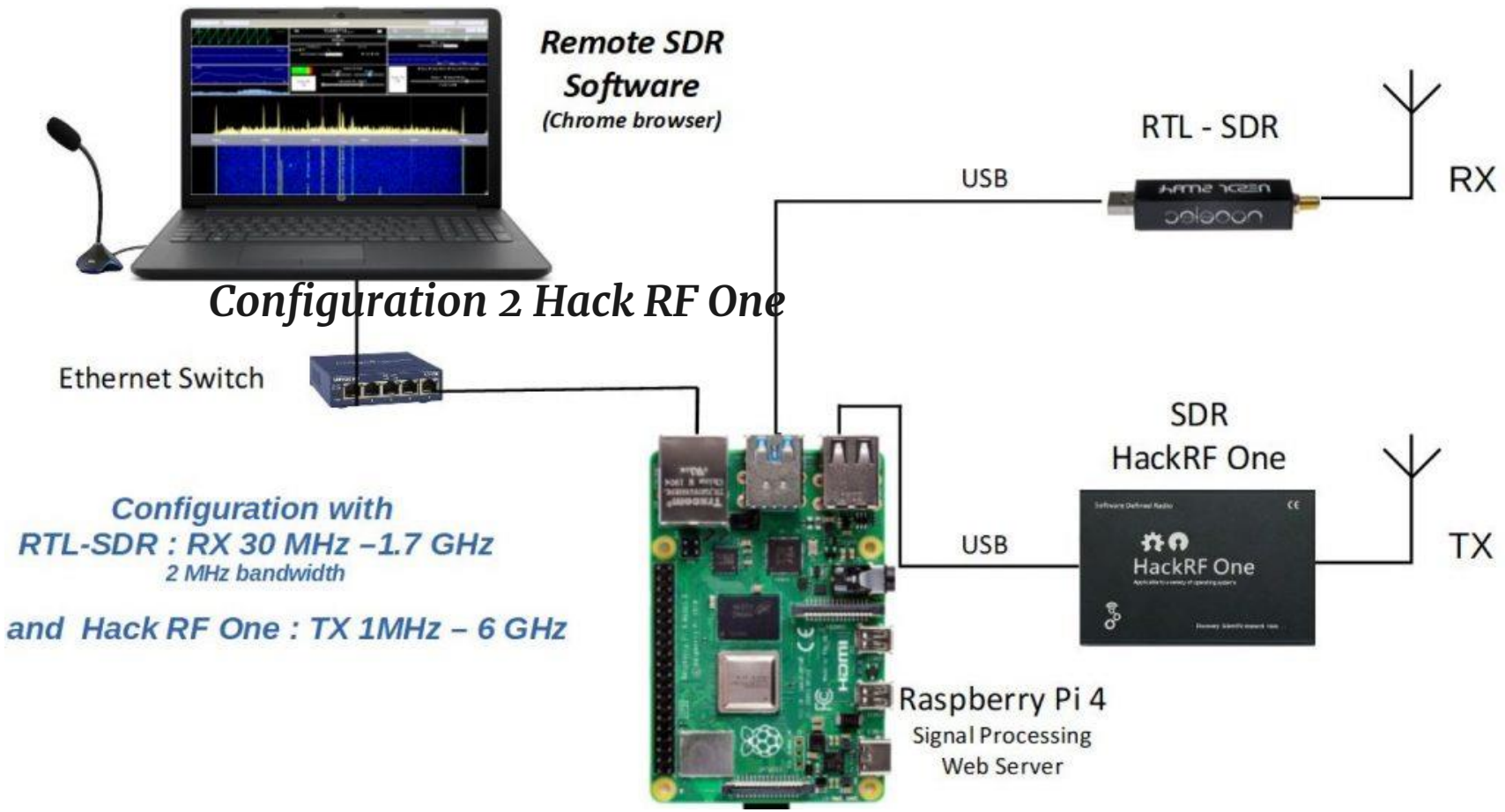
# *COMPACT CONFIGURATION with an ADALM-PLUTO – Rasperry Pi 4 – ETHERNET*



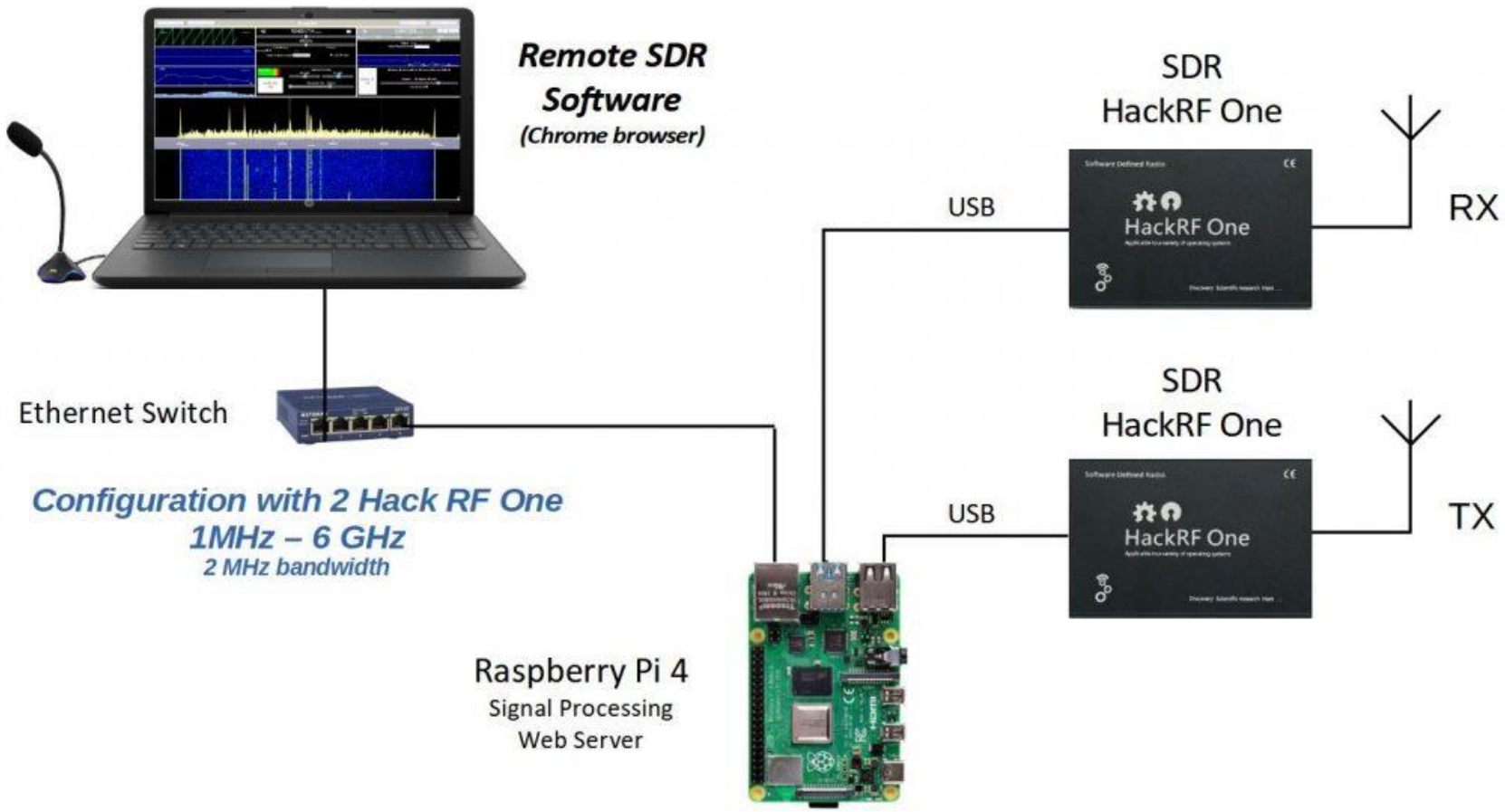
# *COMPACT CONFIGURATION with an ADALM-PLUTO – Opi Zero 2 – Wifi*


Application
Remote SDR
(Navigateur Chrome )
RTL - SDR
USB
RX
Ethernet Switch
Orange Pi Zero 2
RX Signal processing
Web Server
SDR
HackRF One
USB
TX
HackRF One
Configuration with RTL-SDR and
Hack RF One 30 MHz –1.7 GHz
2 MHz bandwidth
Orange Pi Zero 2
TX Signal processing
Web Server

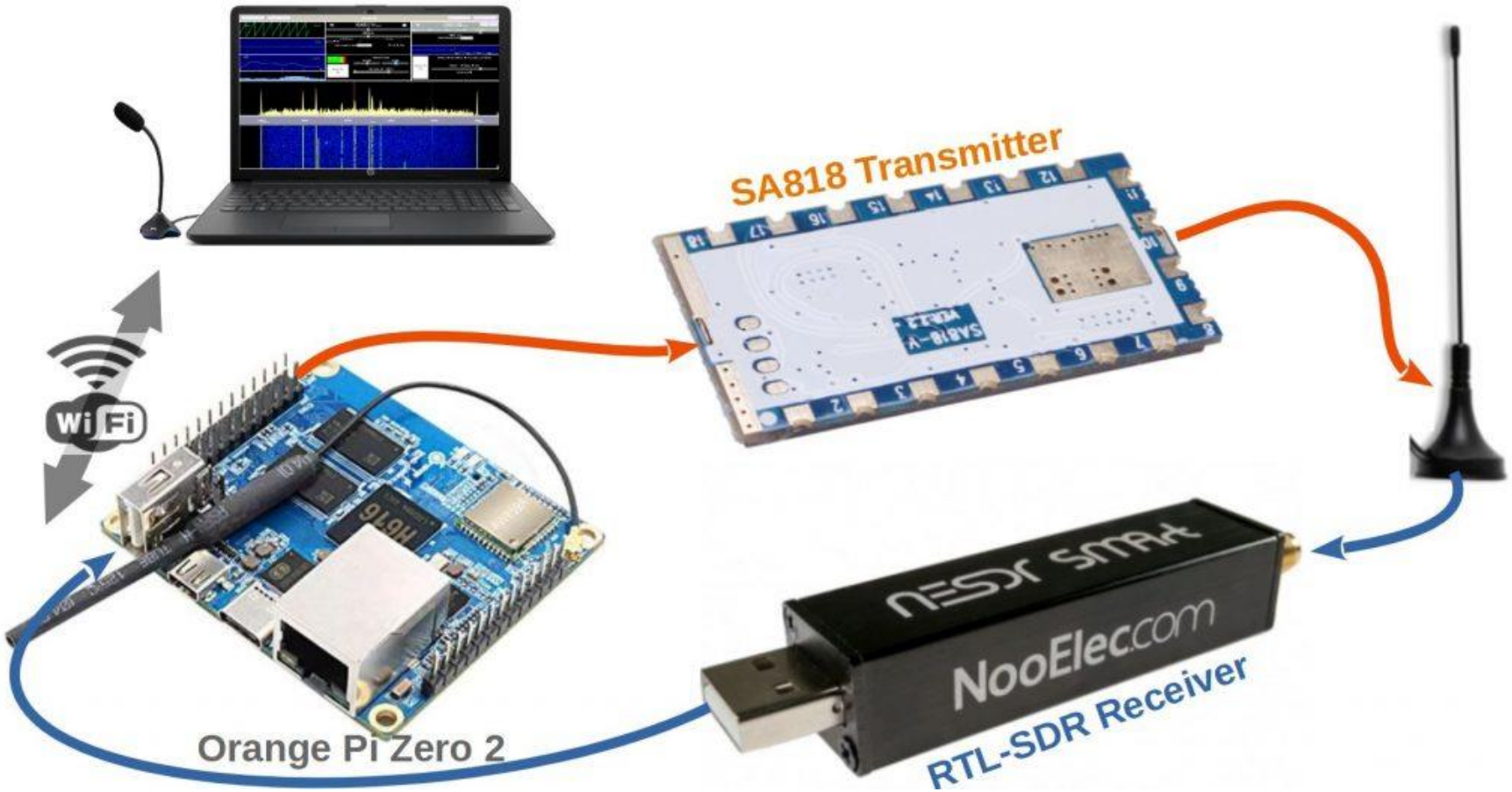
# *Mixed Configuration HackRF – RTL-SDR – Raspberry Pi 4*



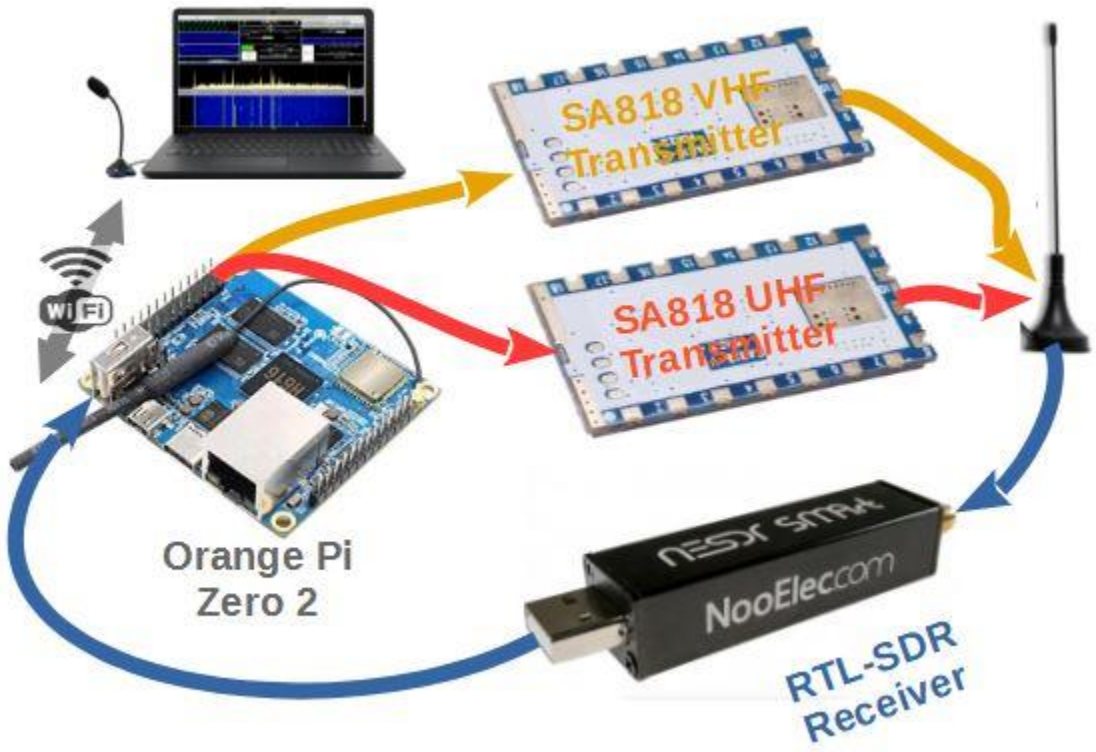
# Configuration 2 Hack RF One



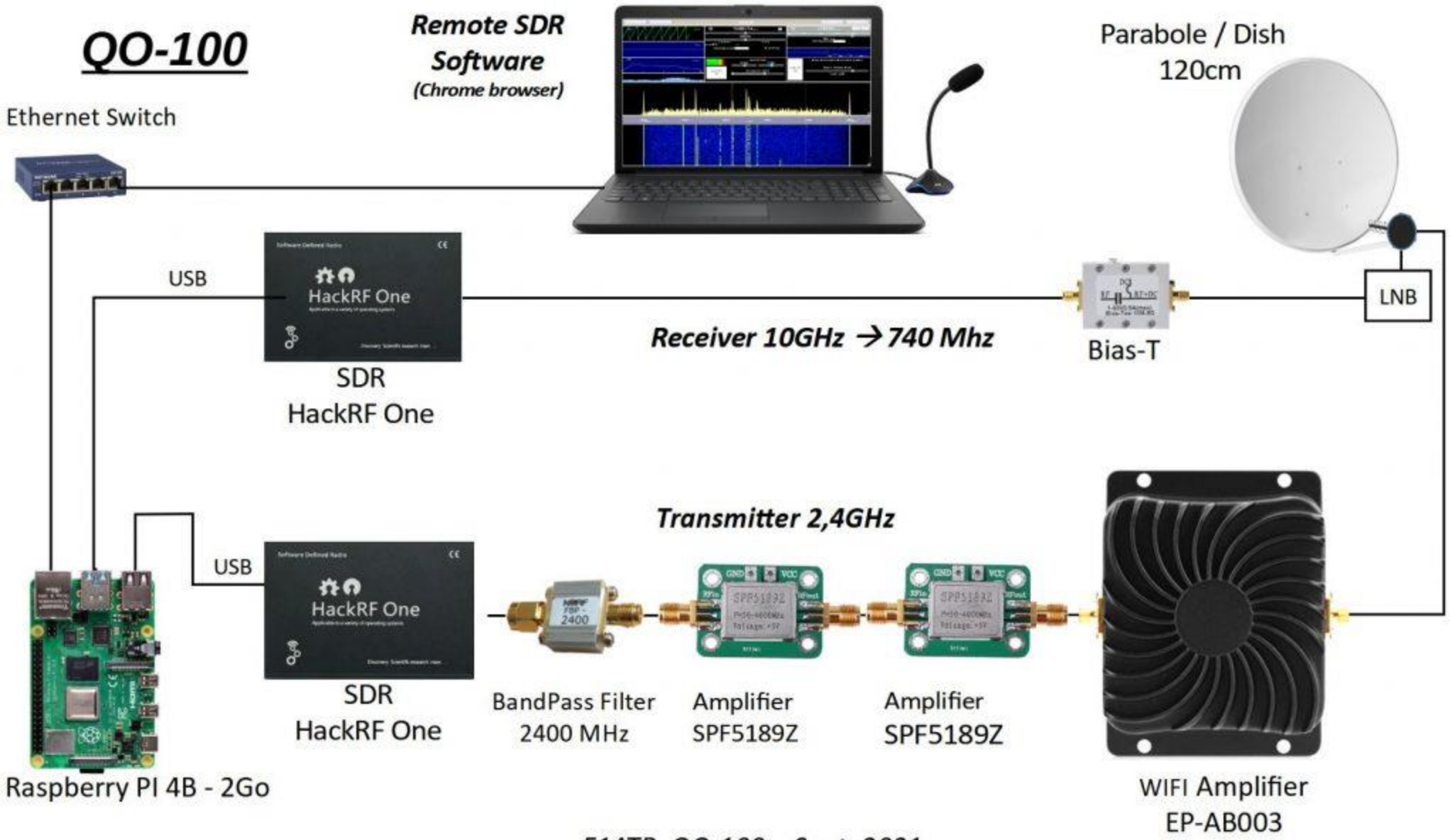
# *Configurations RTL-SDR and SA818*



# *Configurations RTL-SDR and SA818*

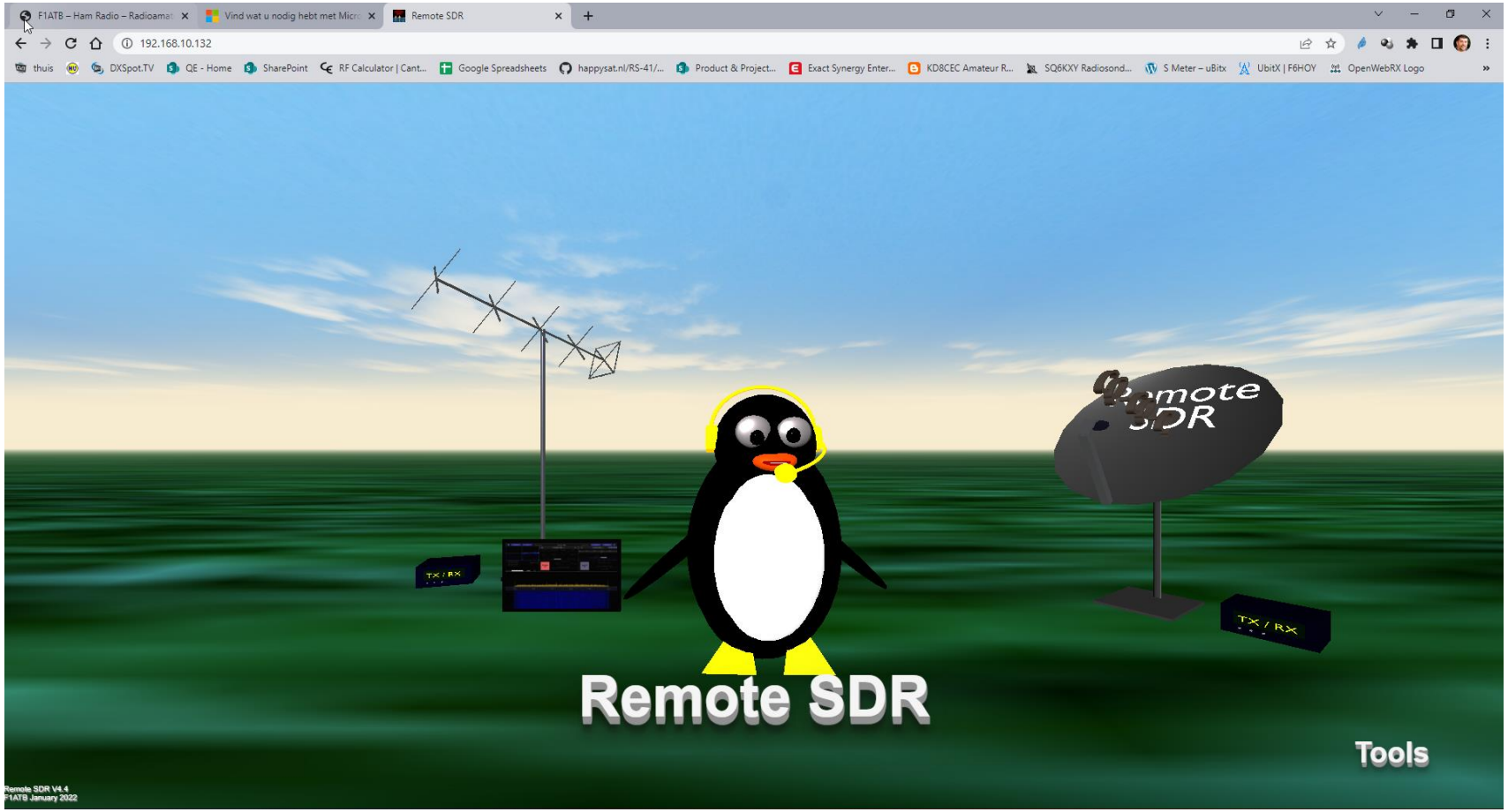


# QO-100

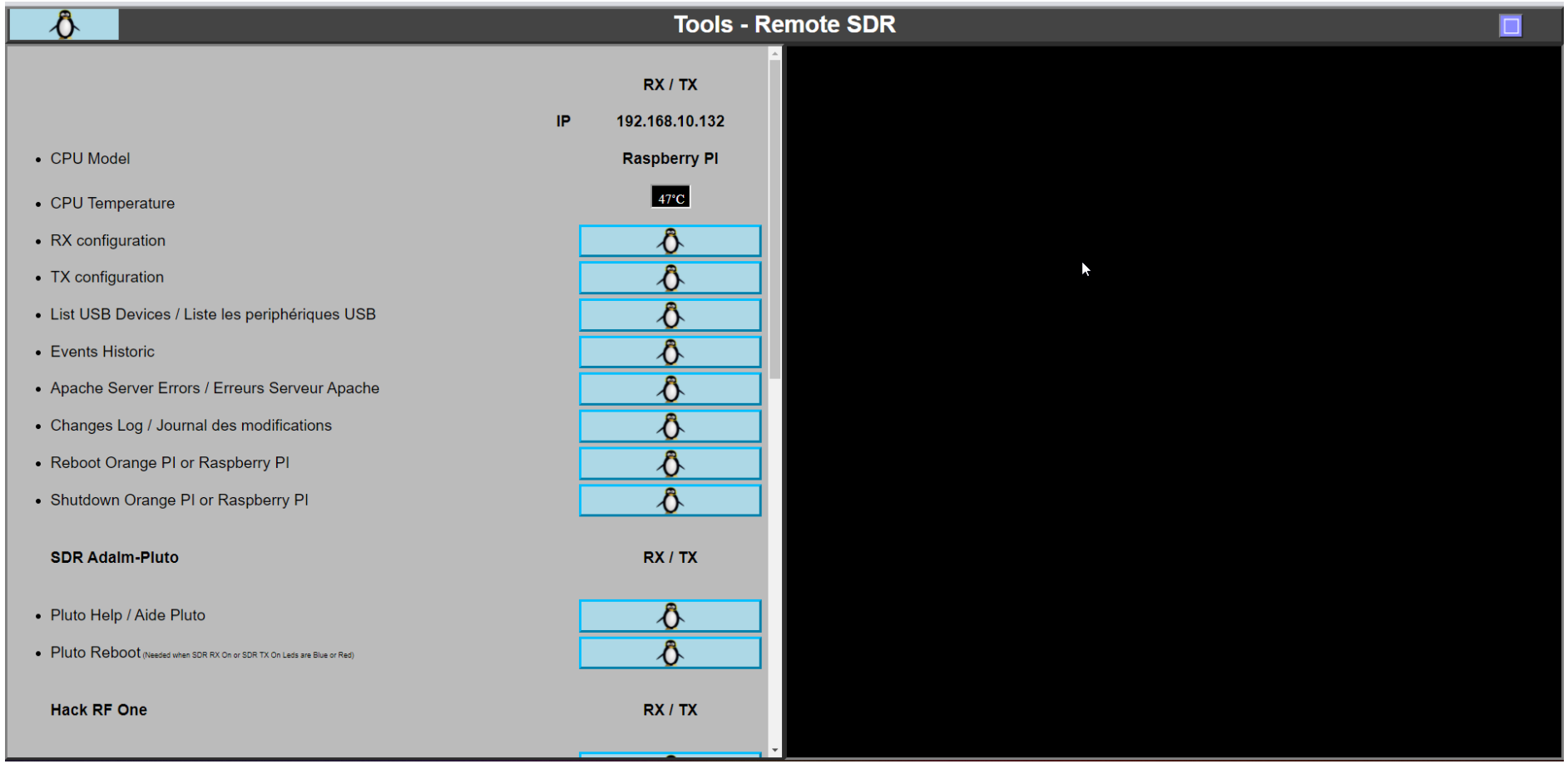



*F1ATB QO-100 – Sept. 2021*

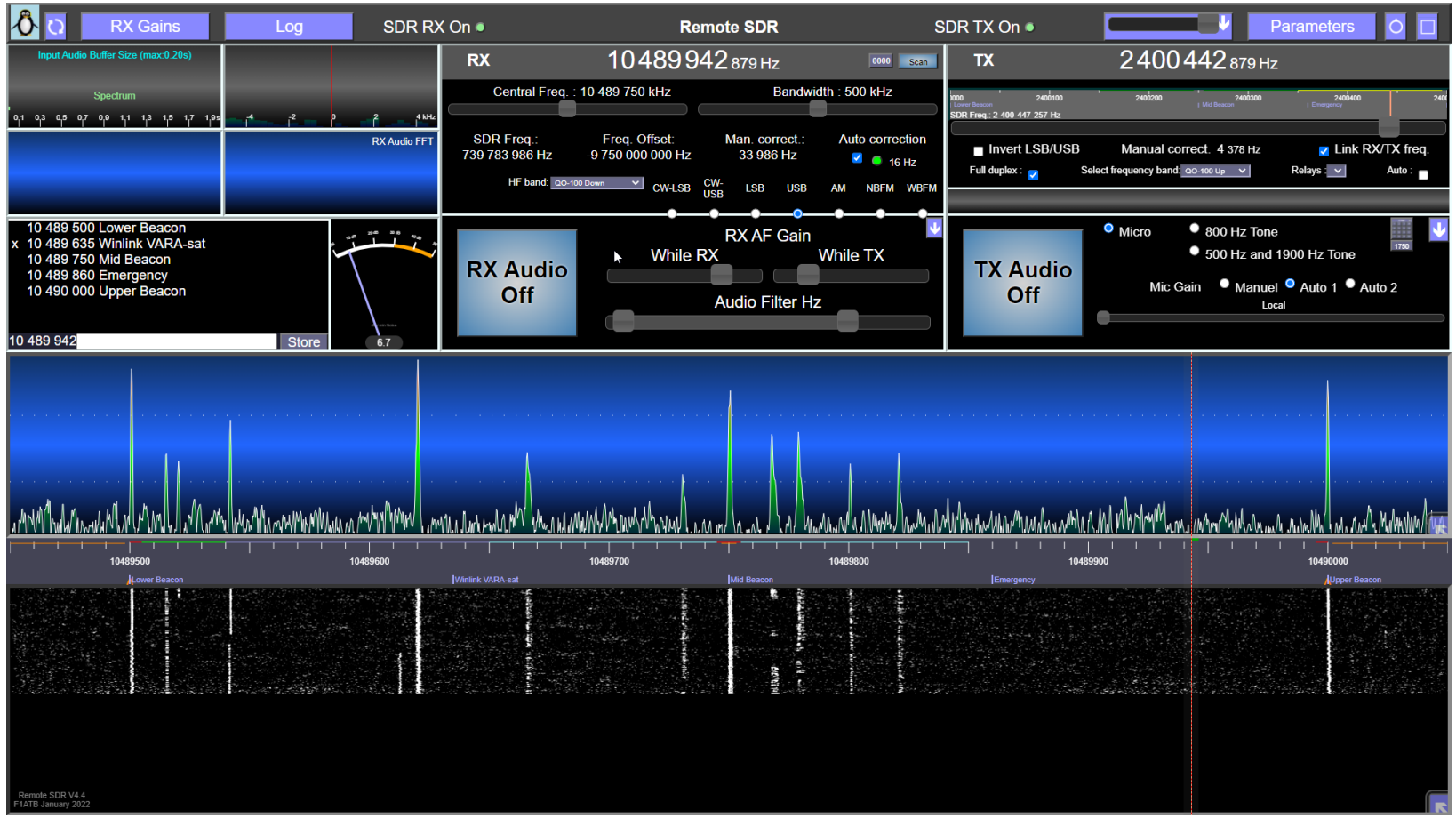
# Start in de webbrowser op PC Tablet of telefoon



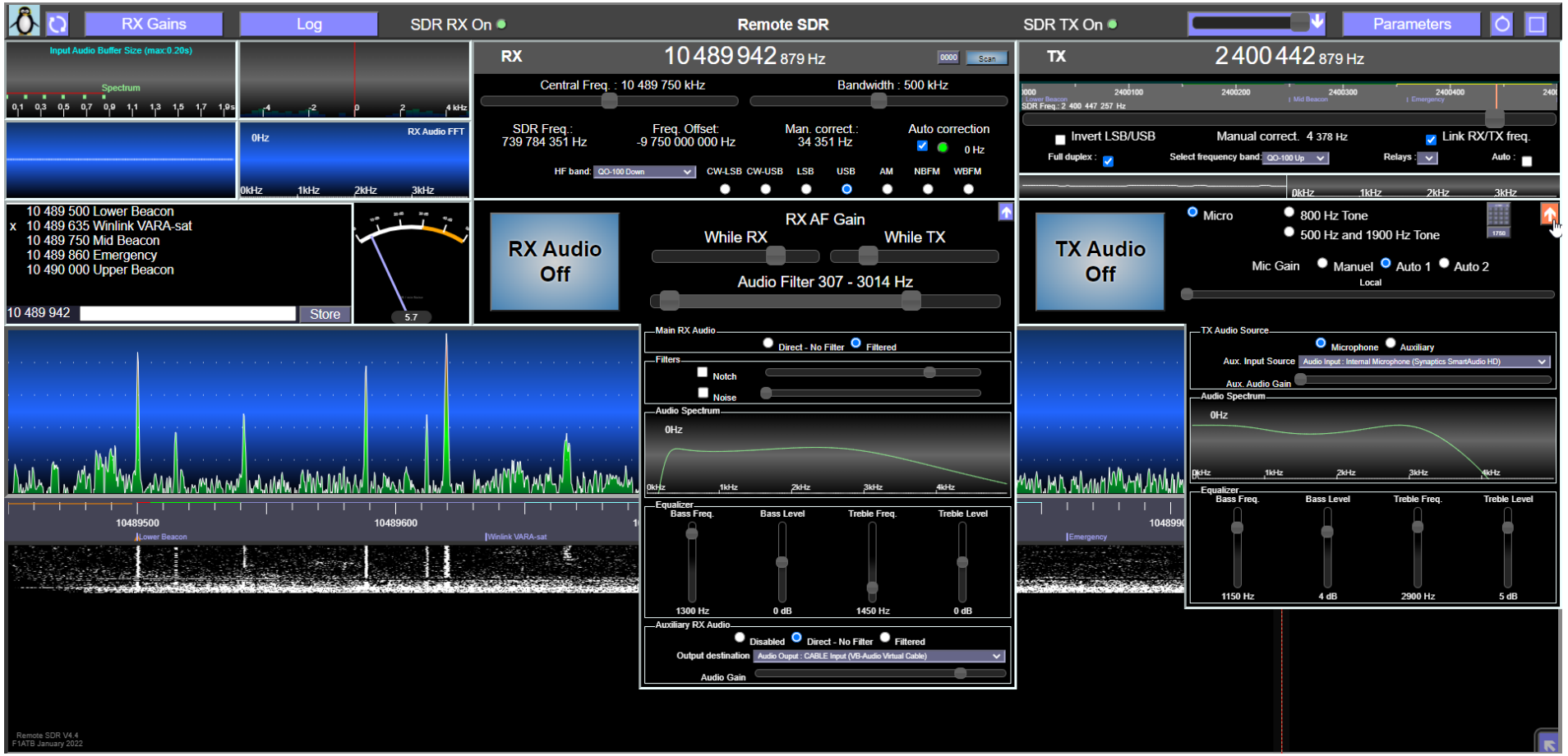
# TOOLS


Tools - Remote SDR
RX / TX
IP 192.168.10.132
CPU Model
Raspberry PI
CPU Temperature
47°C
RX configuration
TX configuration
List USB Devices / Liste les periphériques USB
Events Historic
Apache Server Errors / Erreurs Serveur Apache
Changes Log / Journal des modifications
Reboot Orange PI or Raspberry PI
Shutdown Orange PI or Raspberry PI
SDR Adalm-Pluto
RX / TX
Pluto Help / Aide Pluto
Pluto Reboot (Needed when SDR RX On or SDR TX On Leds are Blue or Red)
Hack RF One
RX / TX

# DEMO


RX Gains
Log
SDR RX On
Remote SDR
SDR TX On
Parameters
Input Audio Buffer Size (max:0.20s)
Spectrum
RX Audio FFT
RX
10 489 942 879 Hz
Scan
Central Freq. : 10 489 750 kHz
Bandwidth : 500 kHz
SDR Freq.: 739 783 986 Hz
Freq. Offset: -9 750 000 000 Hz
Man. correct.: 33 986 Hz
Auto correction
16 Hz
HF band:
CW-LSB
CW-USB
LSB
USB
AM
NBFM
WBFM
TX
2 400 442 879 Hz
SDR Freq.: 2 400 447 257 Hz
Invert LSB/USB
Manual correct. 4 378 Hz
Link RX/TX freq.
Full duplex :
Select frequency band:
Relays :
Auto :
10 489 500 Lower Beacon
10 489 635 Winlink VARA-sat
10 489 750 Mid Beacon
10 489 860 Emergency
10 490 000 Upper Beacon
10 489 942
Store
RX Audio Off
RX AF Gain
While RX
While TX
Audio Filter Hz
TX Audio Off
Micro
800 Hz Tone
500 Hz and 1900 Hz Tone
Mic Gain
Manuel
Auto 1
Auto 2
Local
10489500
10489600
10489700
10489800
10489900
10490000
Lower Beacon
Winlink VARA-sat
Mid Beacon
Emergency
Upper Beacon
Remote SDR V4.4
F1ATB January 2022

# Extern sound card programma’s



# Instellen waterval en spectrum