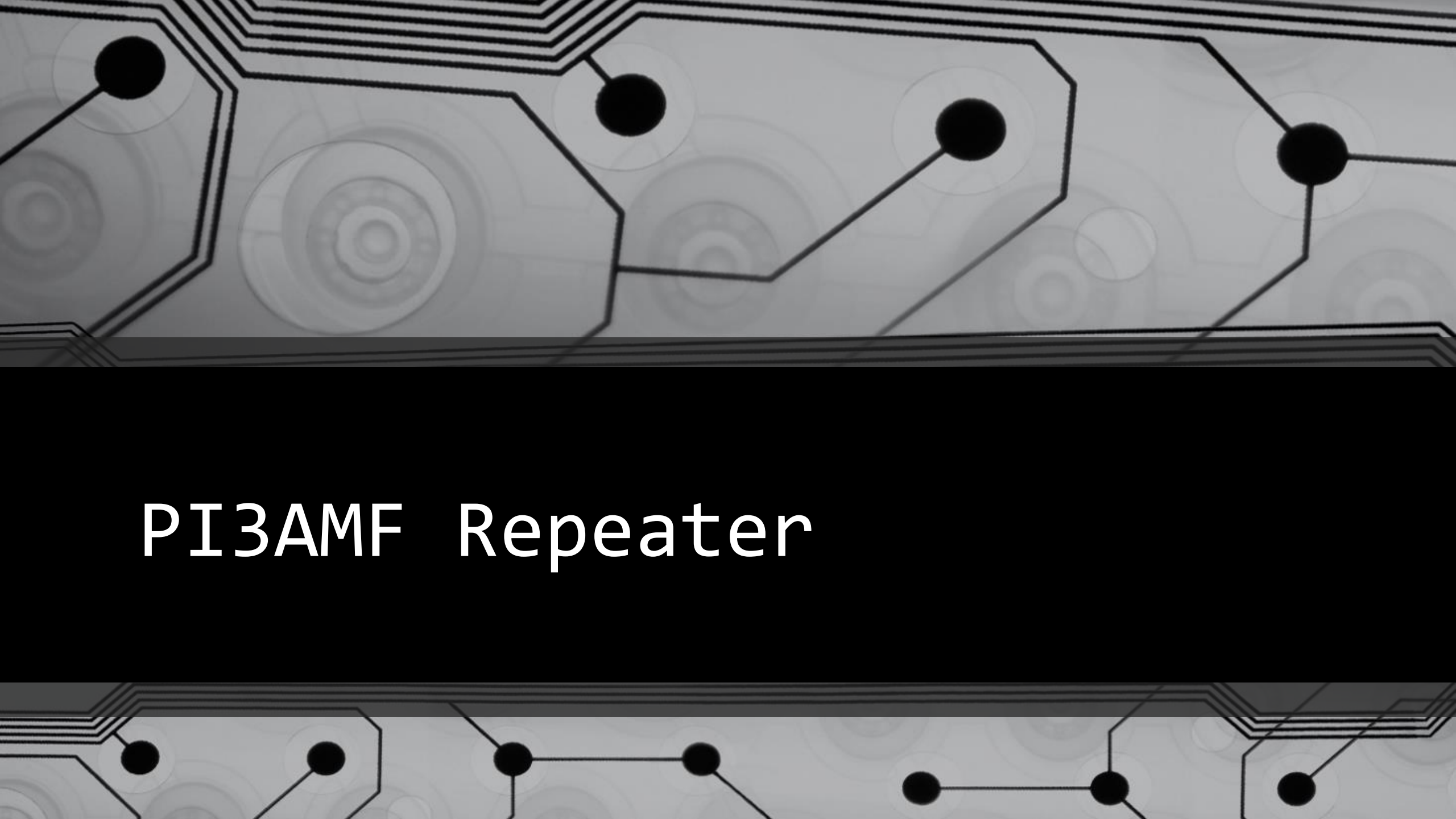
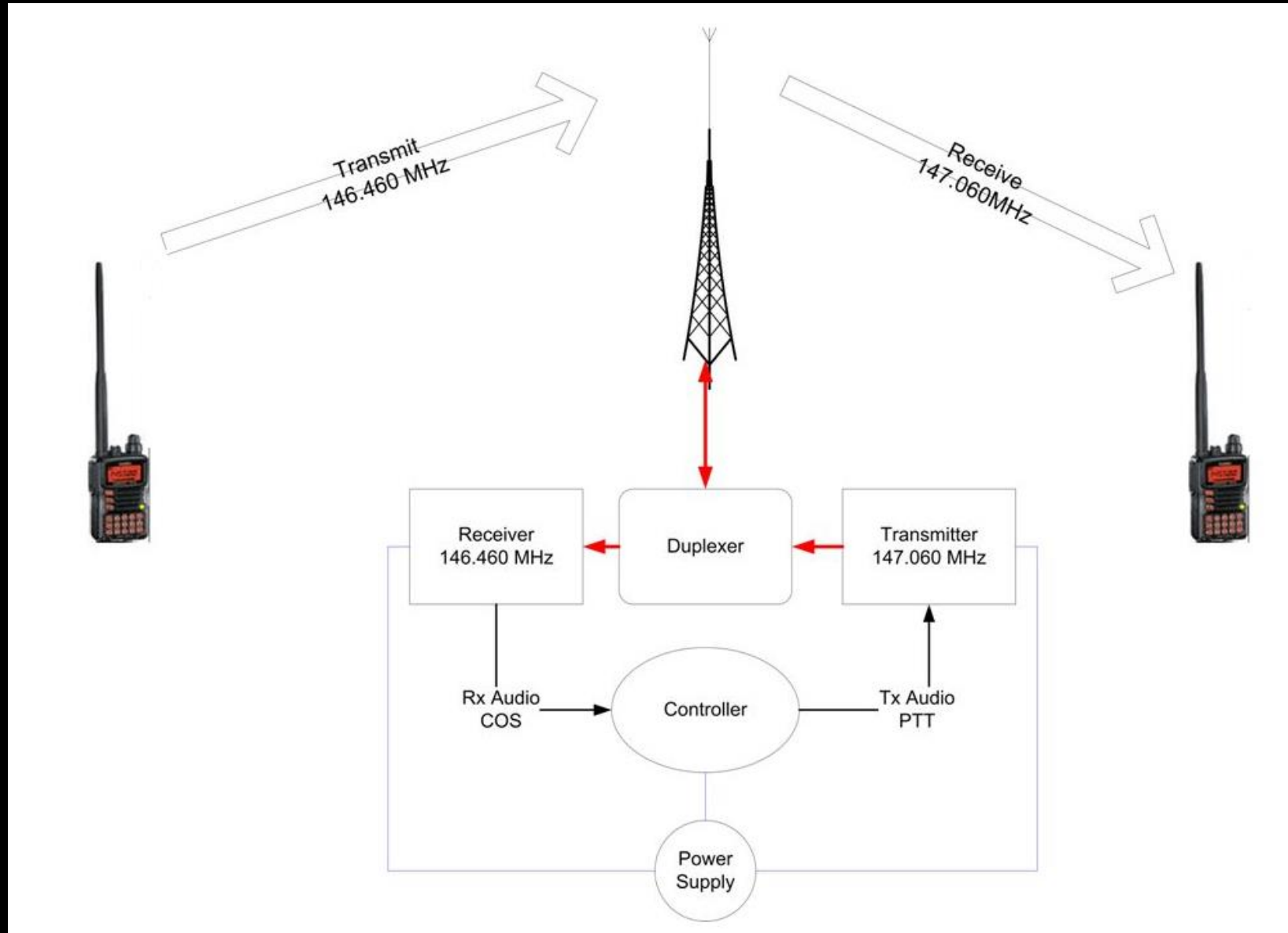


The background of the image is a grayscale illustration of a circuit board. It features various traces, pads, and circular components. A solid black horizontal band runs across the middle of the image, serving as a background for the text.

PI3AMF Repeater

Werking van een Repeater

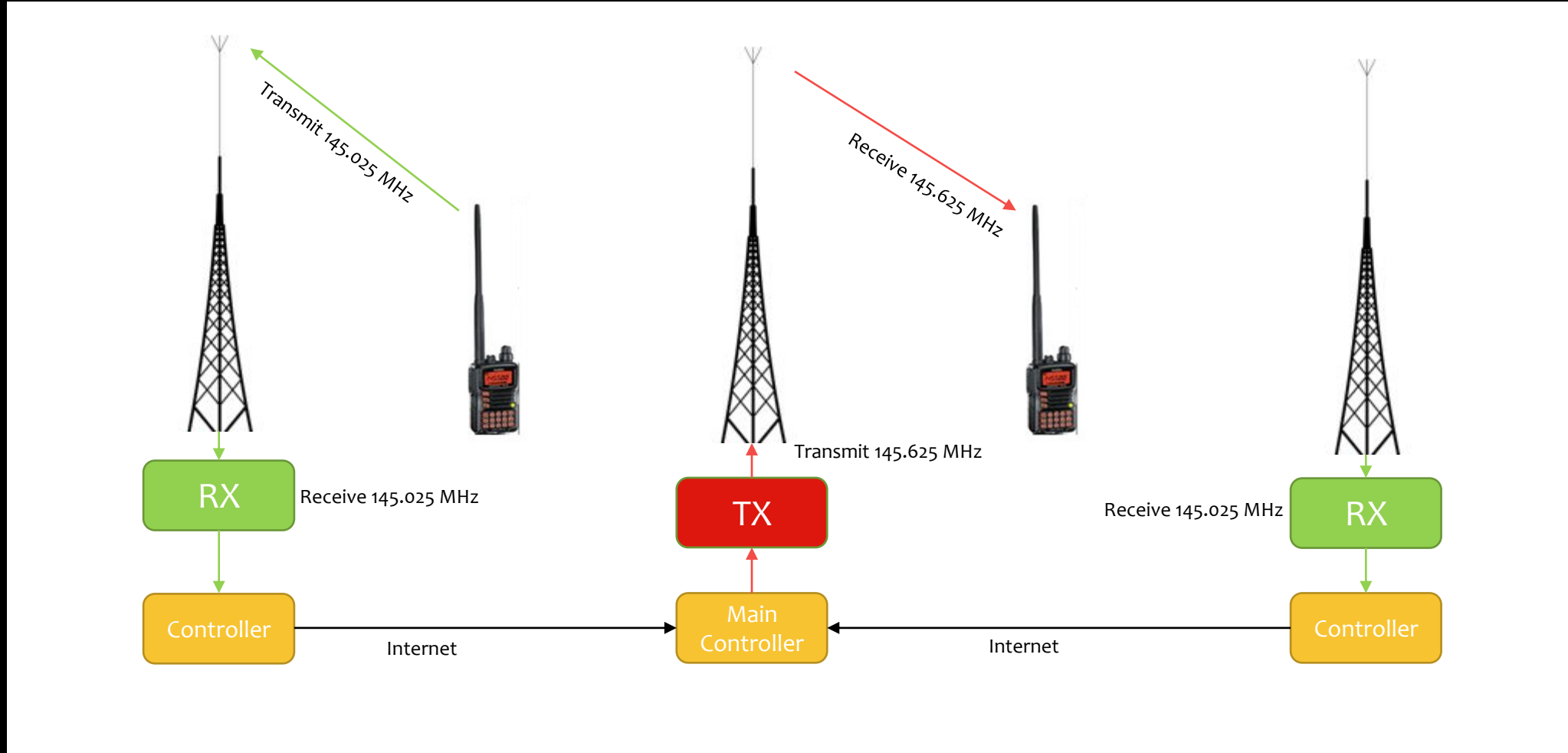


Ontvanger degradatie op Berg Hotel

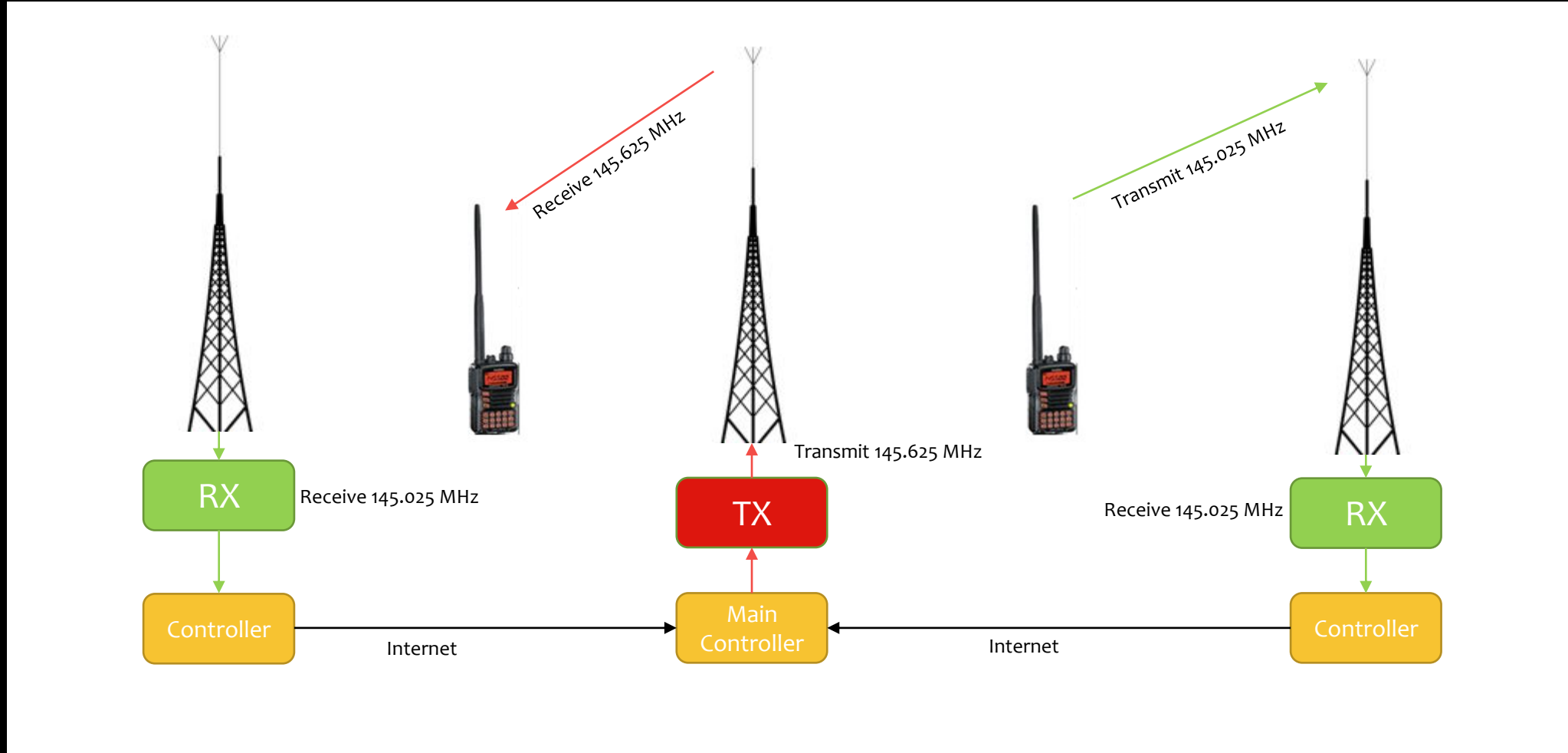
Sterke Signalen in nabije veld van
DAP+ Zender



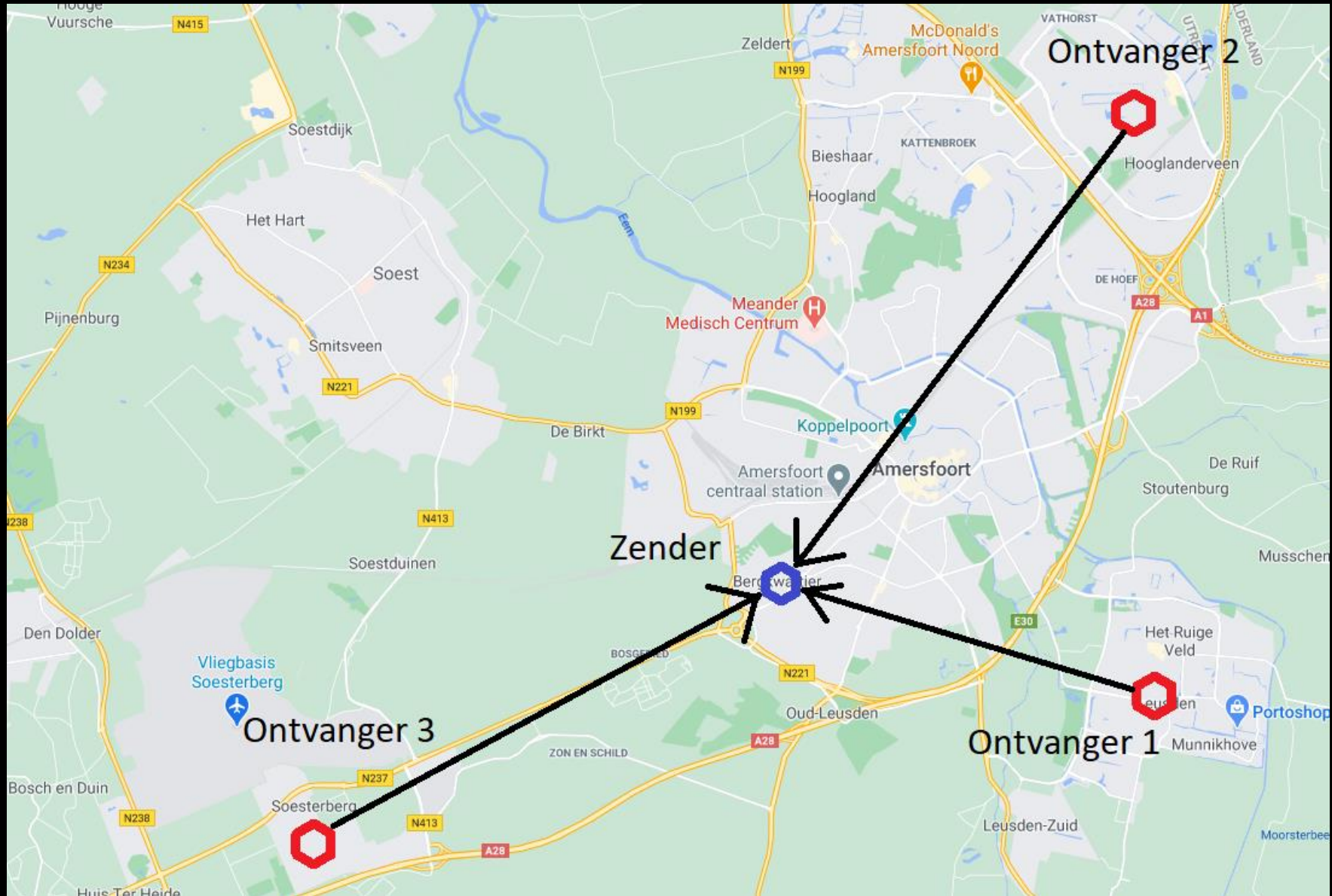
Schematische opzet PI3AMF



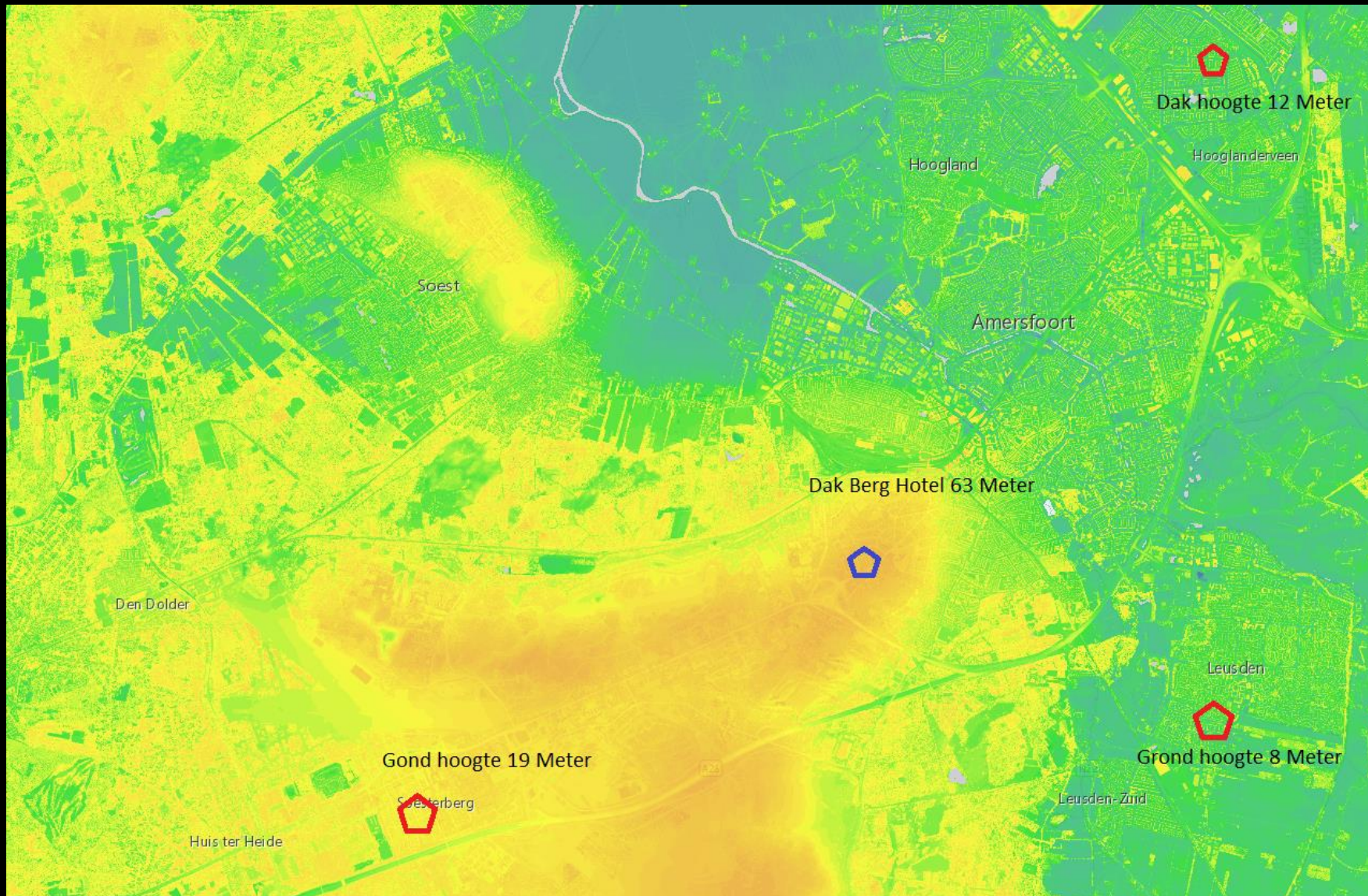
Schematische opzet PI3AMF



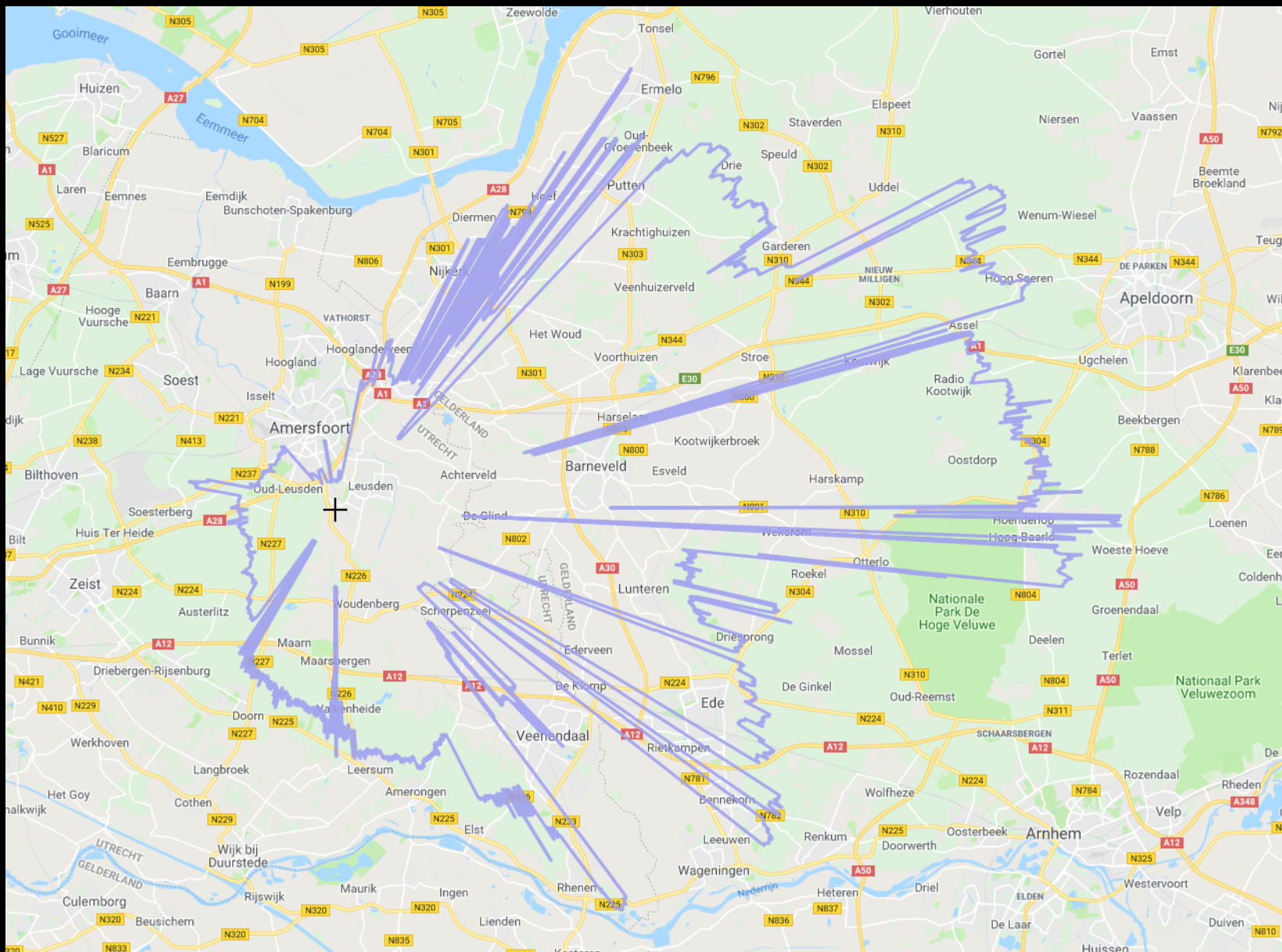
Lokaties



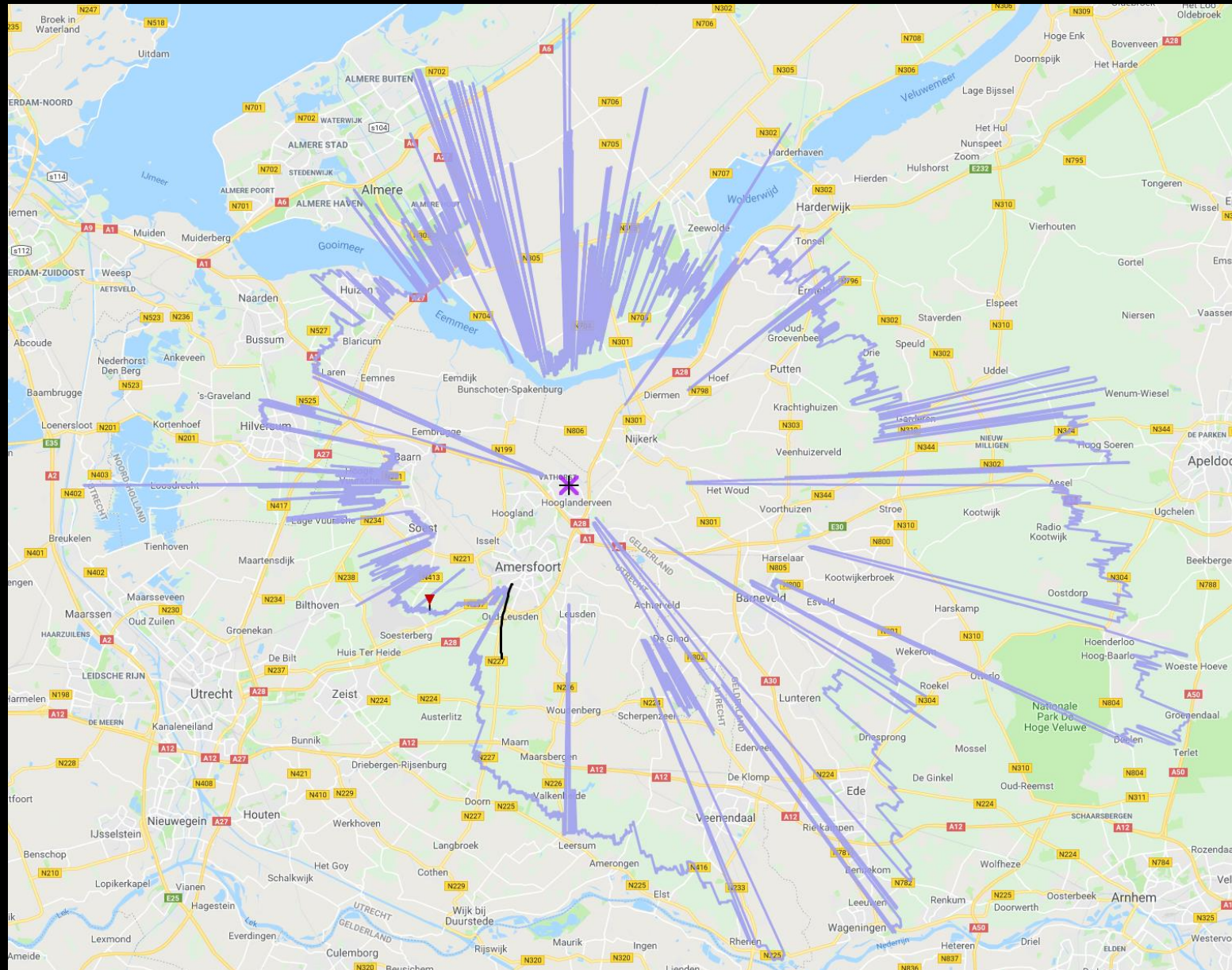
Hoogte kaart



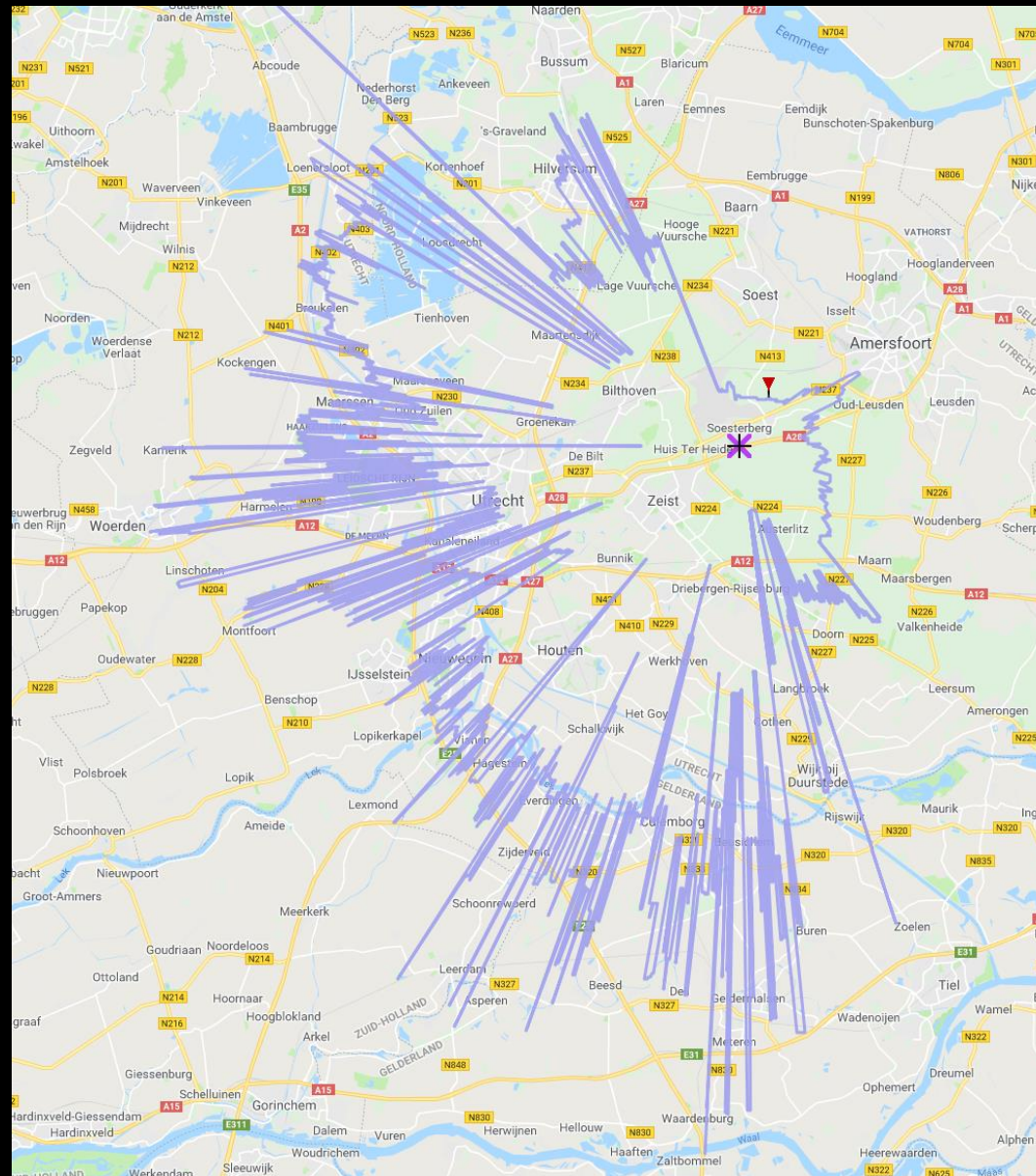
Ontvangst horizon ontvanger Leusden



Ontvangst horizon ontvanger Vathorst



Ontvangst horizon ontvanger Soesterberg



Relais Controller System

File Edit Format View Help

```
#####  
#  
# Configuration file for the SvxLink server  
#  
#####
```

```
[GLOBAL]  
#MODULE_PATH=/usr/lib/arm-linux-gnueabi/hf/svxlink  
LOGICS=RepeaterLogic  
CFG_DIR=svxlink.d  
TIMESTAMP_FORMAT=''  
CARD_SAMPLE_RATE=4  
#CARD_CHANNELS=1  
#LOCATION_INFO=Loc  
#LINKS=LinkToR4
```

```
[SimplexLogic]  
TYPE=Simplex  
RX=Voter  
TX=Tx1  
MODULES=ModuleHelp  
CALLSIGN=PI3AMF  
SHORT_IDENT_INTERVAL  
LONG_IDENT_INTERVAL  
#IDENT_ONLY_AFTER  
#EXEC_CMD_ON_SQL_C  
EVENT_HANDLER=/usr  
DEFAULT_LANG=en_US  
#RGR_SOUND_DELAY=-  
#REPORT CTCSS=136.  
#TX CTCSS=ALWAYS  
MACROS=Macros  
FX_GAIN_NORMAL=0  
FX_GAIN_LOW=-12  
#ACTIVATE_MODULE_ON_LONG_CMD=4:EchoLink  
#QSO_RECORDER=8:QsoRecorder  
#ONLINE_CMD=998877  
#MUTE_RX_ON_TX=1  
#MUTE_TX_ON_RX=1  
#STATE_PTY=/var/run/svxlink/state  
#DTMF_CTRL_PTY=/dev/shm/simplex_dtmf_ctrl
```

```
[RepeaterLogic]  
TYPE=Repeater  
RX=Voter  
TX=MultiTx  
MODULES=ModuleHelp,ModuleRepeater
```

SvxLink

Advanced repeater controller and EchoLink
software for Linux including a GUI, Qtel -
The Qt EchoLink client

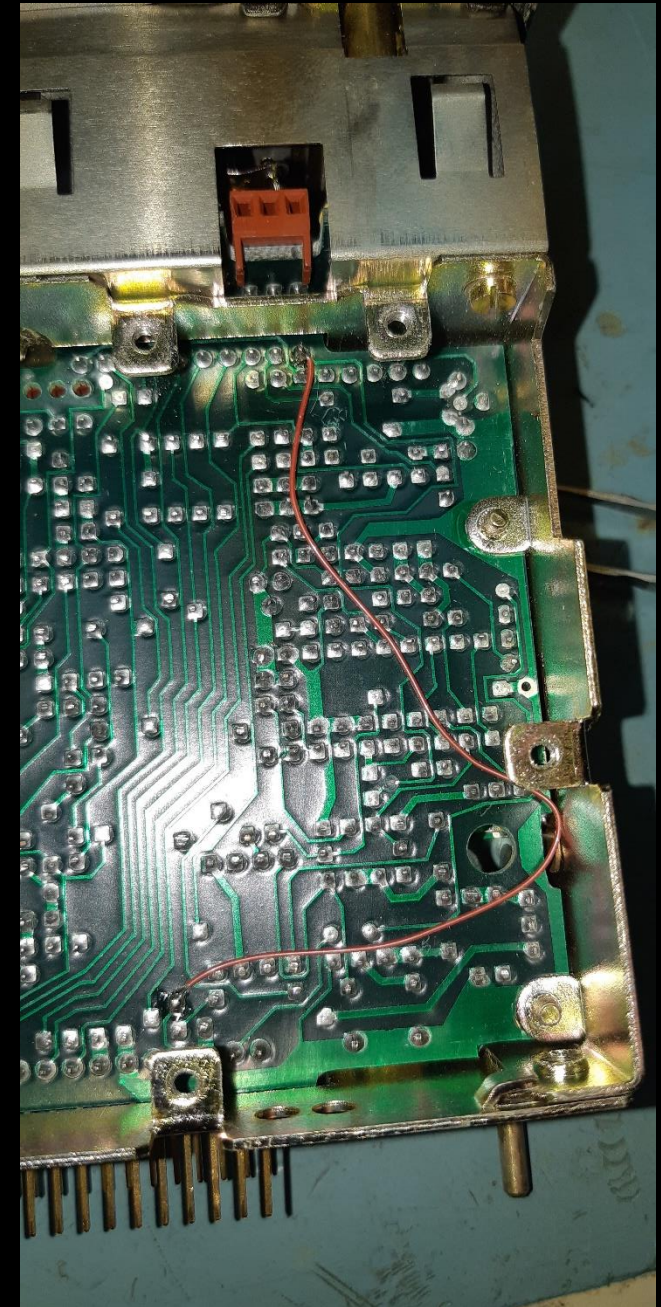
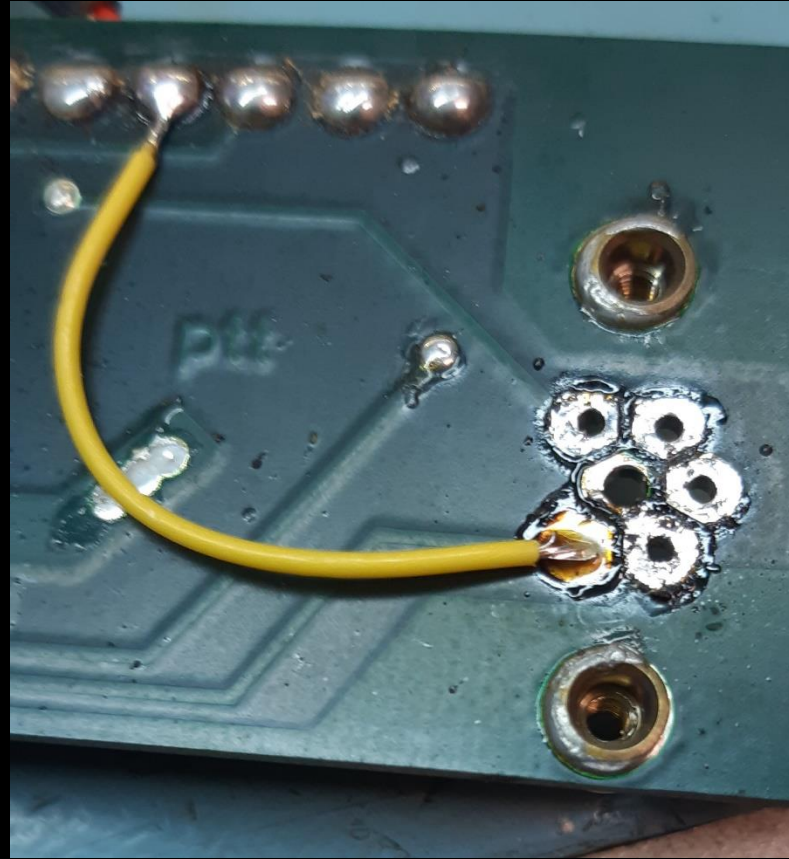
Ontvanger Stations



Ontvanger Controller



Modificatie Condor



Zender Berghotel Motorola MTR2000

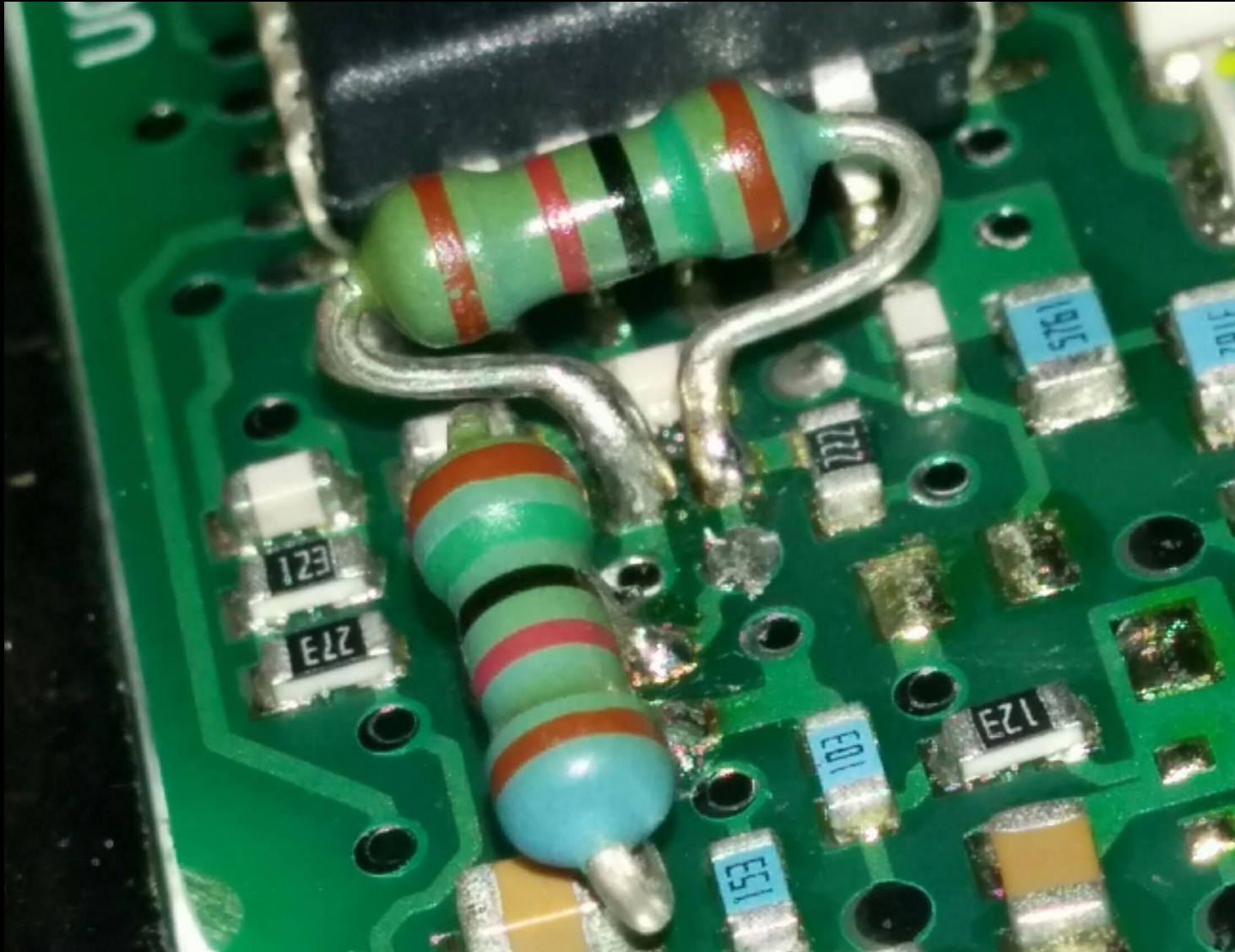


23 CM Relais

70 cm Relais

2 m Relais

ook even modificeren



Zender antenne op Berg Hotel



Voter kiest voor beste s/n ratio

svxlinkBerh.tlp

```
pi@svxlink:~ $ tail -f /var/log/svxlink
Sat Mar 13 18:05:04 2021: Tx1: Turning the transmitter OFF
Sat Mar 13 18:10:00 2021: RepeaterLogic: Sending short identification...
Sat Mar 13 18:10:00 2021: Tx1: Turning the transmitter ON
Sat Mar 13 18:10:04 2021: Tx1: Turning the transmitter OFF
Sat Mar 13 18:15:00 2021: RepeaterLogic: Sending long identification...
Sat Mar 13 18:15:00 2021: Tx1: Turning the transmitter ON
Sat Mar 13 18:15:07 2021: Tx1: Turning the transmitter OFF
Sat Mar 13 18:20:00 2021: RepeaterLogic: Sending short identification...
Sat Mar 13 18:20:00 2021: Tx1: Turning the transmitter ON
Sat Mar 13 18:20:04 2021: Tx1: Turning the transmitter OFF
Sat Mar 13 18:22:48 2021: Voter: The squelch is OPEN (NetRx1=5.65357)
Sat Mar 13 18:22:48 2021: Tx1: Turning the transmitter ON
Sat Mar 13 18:22:52 2021: Voter: The squelch is CLOSED (NetRx1=6.13244)
Sat Mar 13 18:22:53 2021: Tx1: Turning the transmitter OFF
```

DTMF Commando's

- * = Identificatie van het relais
- 0# = Help functie.
- 1# = Papagaai functie. Je zelf terug luisteren via de repeater.
- # = Verlaat functie.

Lokatie Indentificate

Na de gong 1, 2 of 3 piepjes

- 1 piepje is Ontvanger Leusden
- 2 piepjes is ontvanger Vathorst
- 3 piepjes is ontvanger Soesterberg
- Geen piepjes; Relais stuk

Internet Stream

<https://www.broadcastify.com/listen/std/697>

Listen	Feed	Genre	Listeners	Player Selection	Links	Status
	Amersfoort Amateur Radio Repeaters - PI3AMF 145.625 MHz Repeater PI3AMF. Location Transmitter Berg Hotel Amersfoort. There are 3 receivers; Leuden, Amersfoort-Noord & Soesterberg. Identified by one, two or three beeps after the gong.	Amateur Radio	0	HTML5 Web Player ▾		Online
	Amersfoort Amateur Radio Repeaters - PI2AMF 430.250 MHz Repeater PI2AMF. Location Reciver/Transmitter Berg Hotel Amersfoort.	Amateur Radio	0	HTML5 Web Player ▾		Online
	Amersfoort Amateur Radio Repeaters - PI6AMF 1298.500 MHz Repeater PI6AMF. Location Reciver/Transmitter Berg Hotel Amersfoort.	Amateur Radio	0	HTML5 Web Player ▾		Online


Broadcastify



Bedankt voor de aandacht