

Options

Title: Receiver
Author: Cartof
Output Language: Python
Generate Options: No GUI
Run Options: Prompt for Exit

Variable
ID: center_freq
Value: 433.175M

Variable
ID: bandwidth
Value: 125k

Variable
ID: sf
Value: 12

Variable
ID: CR
Value: 1

Variable
ID: SW
Value: 18

Variable
ID: has_crc
Value: True

Variable
ID: if_gain
Value: 20

Variable
ID: rf_gain
Value: 0

Variable
ID: implicit_header
Value: False

Variable
ID: os_factor
Value: 8

Variable
ID: rate
Value: 1M

Variable
ID: bb_gain
Value: 20

osmocom Source
Device Arguments: hackrf=0
Sync: Unknown PPS
Number Channels: 1
Sample Rate (sps): 1M
Ch0: Frequency (Hz): 433.175M
Ch0: Frequency Correction (ppm): 0
Ch0: DC Offset Mode: 0
Ch0: IQ Balance Mode: 0
Ch0: Gain Mode: False
Ch0: RF Gain (dB): 0
Ch0: IF Gain (dB): 20
Ch0: BB Gain (dB): 20

command

out

Frame sync
Center_freq: 433.175M
Bandwidth: 125k
Sf: 12
Impl_head: False
os_factor: 4

in

out

Gray mapping
Soft_Decoding: True

Deinterleaver
Soft_Decoding: True

out

in

fft Demod
Soft_Decoding: True

Hamming dec
Soft_Decoding: True

out

in

Header decoder
Impl_head: False
print_header: Yes
LDRO: Auto

out

in

Dewhitening

out

in

CRC verif
print_rx_msg: ASCII
output_crc_check: No

payload_char

msg

out

in