

```
# V 5
# #
# # This is a LAGO raw data file, version 5
# # It contains the following data:
# #   <N1> <N2>           : line with values of the 2 ADC for a triggered pulse
# #   # t <C> <V>         : end of a trigger
# #                       gives the channel trigger (<C>: 3 bit mask) and 125 MHz clock count (<V>) of the trigger time
# #   # c <C>             : internal trigger counter
# #   # x f <V>           : 125 MHz frequency
# #   # x t <V>           : temperature value
# #   # x p <V>           : pressure value
# #   # x r1 <V>          : pulse rate at channel 1
# #   # x r2 <V>          : pulse rate at channel 2
# #   # x h <HH:MM:SS> <DD/MM/YYYY> <S> : GPS time (every new second, last number is seconds since EPOCH)
# #   # x s <T> C <P> hPa <A> m : temperature <T>, pressure <P> and altitude (from pressure) <A>
# #   # x g <LAT> <LON> <ALT>   : GPS data - latitude, longitude, altitude
# #   # x v <HV1> <HV2>       : HV voltages for channels 1 and 2
# #   # x b <B1> <B2> <B3>     : baselines (NOT IMPLEMENTED IN LAGO)
# # In case of error, an unfinished line will be finished by # E @@@
# # Followed by a line with # E <N> and the error message in human readable format, where <N> is the error code:
# #   # E 1 : read timeout of 2 seconds
# #   # E 2 : too many buffer reading tries
# #   # E 3 : unknown word from FPGA
# #
# # Current registers setting
# #
# x c T1 150
# x c T2 400
# x c HV1 1699.7 mV
# x c HV2 7.7 mV
# x c SC1 1
# x c SC2 1
# # This file was started on lago
# # Machine local time was Thu Jun 20 10:00:05 2019
# # WARNING, there is no GPS, using PC time
# #
# x h 13:00:00 20/06/2019 1561035600 0
# x v 1531.5 7.7
# p 64118 -261.2 -261.2
# x p 920.72
# x t 20.8
# x f 124999999
# -7 -9
# -2 -10
# -3 -6
# -6 -7
# -9 -11
# -7 -6
# 7 -4
# 3 197
# -2 460
# -11 329
# -2 287
# -4 147
# -3 118
```