AlaVar generated report

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 30.01.2021 13:38:18
Column # 1 was processed
Data length N = 22042 points.
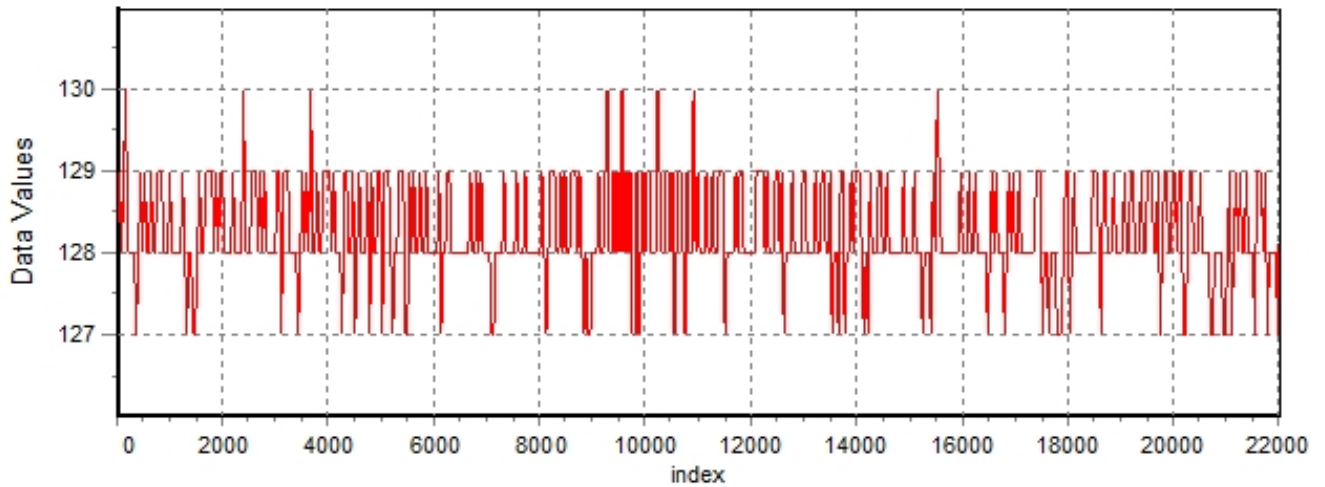   The mean Value of the processed data = 128.198
   The Stanadrd Deviation of the processed data = 2.93866
   The number of removed outliers is 11

Figure 1 : Processed Data
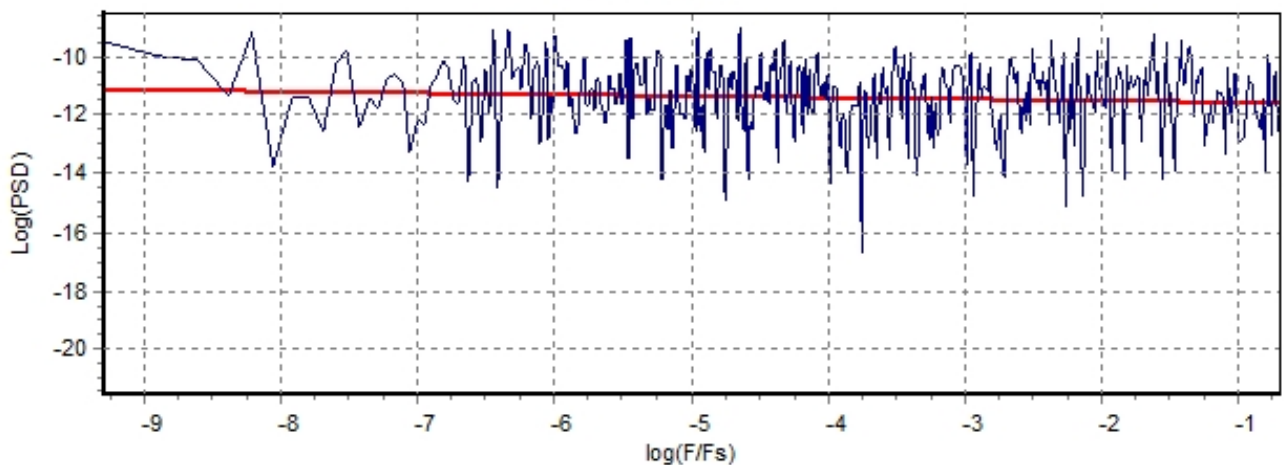

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.140000 seconds
   The error bars were computed for a : White FM
   The computation of the Error bars lasted 0 seconds

ADEV(tau) was fitted to a line :
   The Solpe of the line is =-0.5
   The fit result is ADEV(tau=1) = Stability =0.331197

Tau = average Time
ADEV = Overlapping ALLAN STD DEV.
ADEV_Min = ADEV lower bound.
ADEV_Max = ADEV upper bound.
MDEV = Modified ALLAN STD DEV.
TDEV = Time ALLAN STD DEV.
HDEV = Overlapping HADAMARD STD DEV.

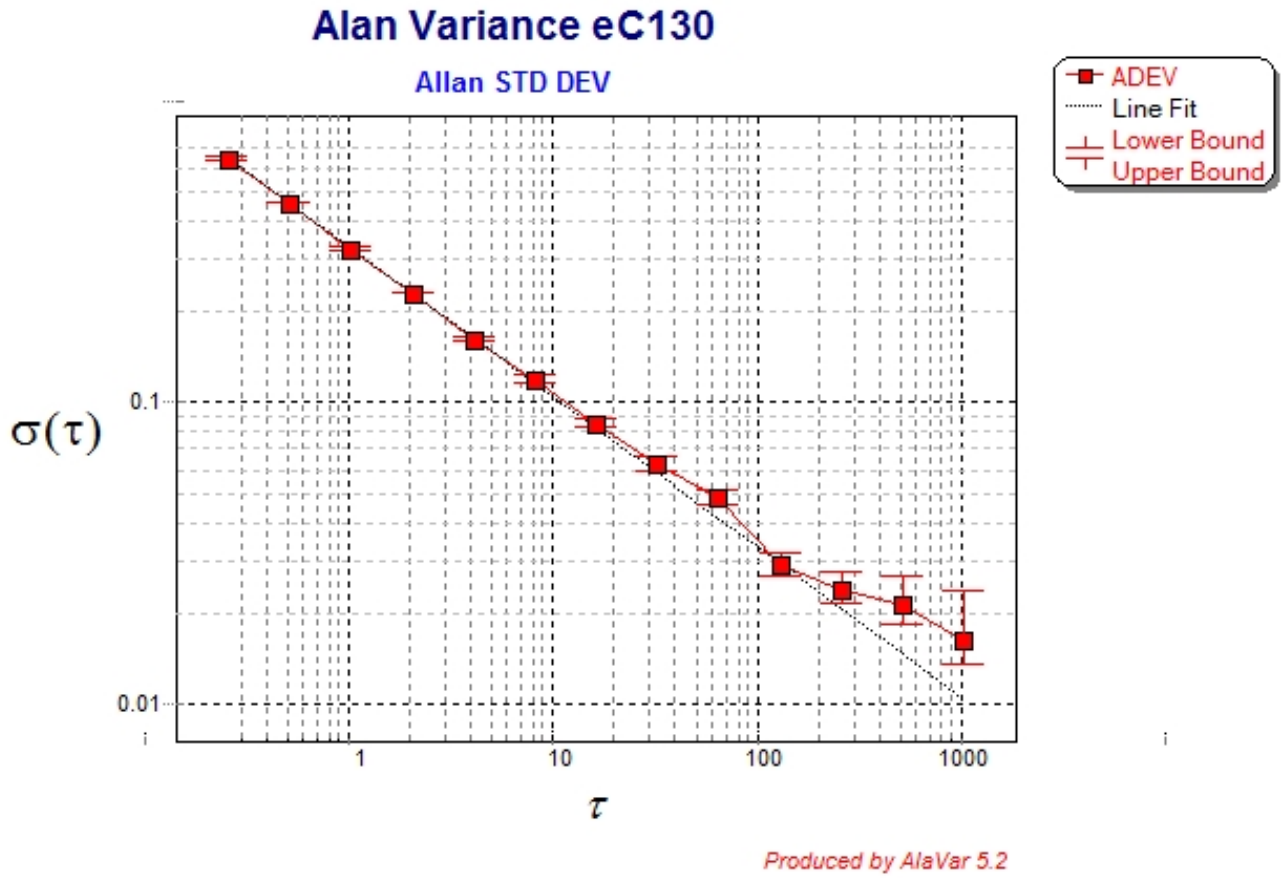| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.65353	0.64975	0.65738	0.65353	0.094329	0.65252
0.5	0.46316	0.46027	0.46611	0.36547	0.1055	0.46345
1	0.32732	0.32471	0.33	0.23892	0.13794	0.32706
2	0.23147	0.22893	0.23408	0.16424	0.18965	0.23183
4	0.16395	0.16145	0.16657	0.11771	0.27184	0.16258
8	0.12065	0.11808	0.1234	0.086564	0.39982	0.12065
16	0.085172	0.082634	0.087959	0.060412	0.55806	0.084765
32	0.063004	0.060394	0.065985	0.046326	0.85588	0.061435
64	0.048287	0.045521	0.051626	0.033889	1.2522	0.05033
128	0.02915	0.026857	0.03215	0.021004	1.5522	0.028227
256	0.023885	0.021326	0.027659	0.017928	2.6497	0.02327
512	0.021479	0.018366	0.027002	0.017138	5.0659	0.02219
1024	0.016301	0.01312	0.024081	0.01359	8.0346	0.016367

Figure 3 : Allan Standard Deviation