AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 14.12.2024 09:16:24
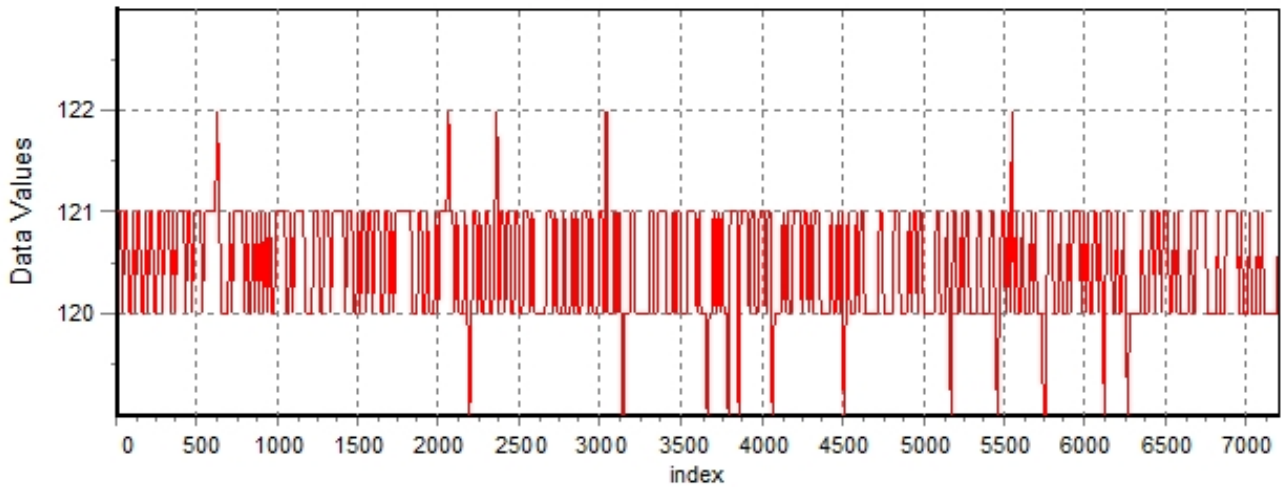Column # 1 was processed
Data length N = 7214 points.
    The mean Value of the processed data = 120.366
    The Stanadrd Deviation of the processed data = 3.21975
    The number of removed outliers is 5

Figure 1 : Processed Data
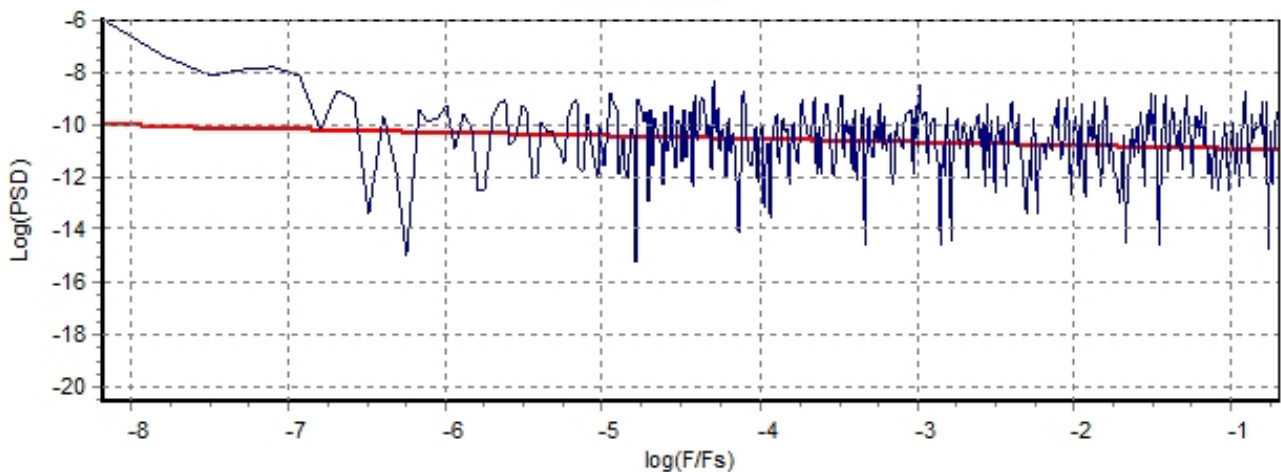

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.013000 seconds
    The error bars were computed for a : White FM
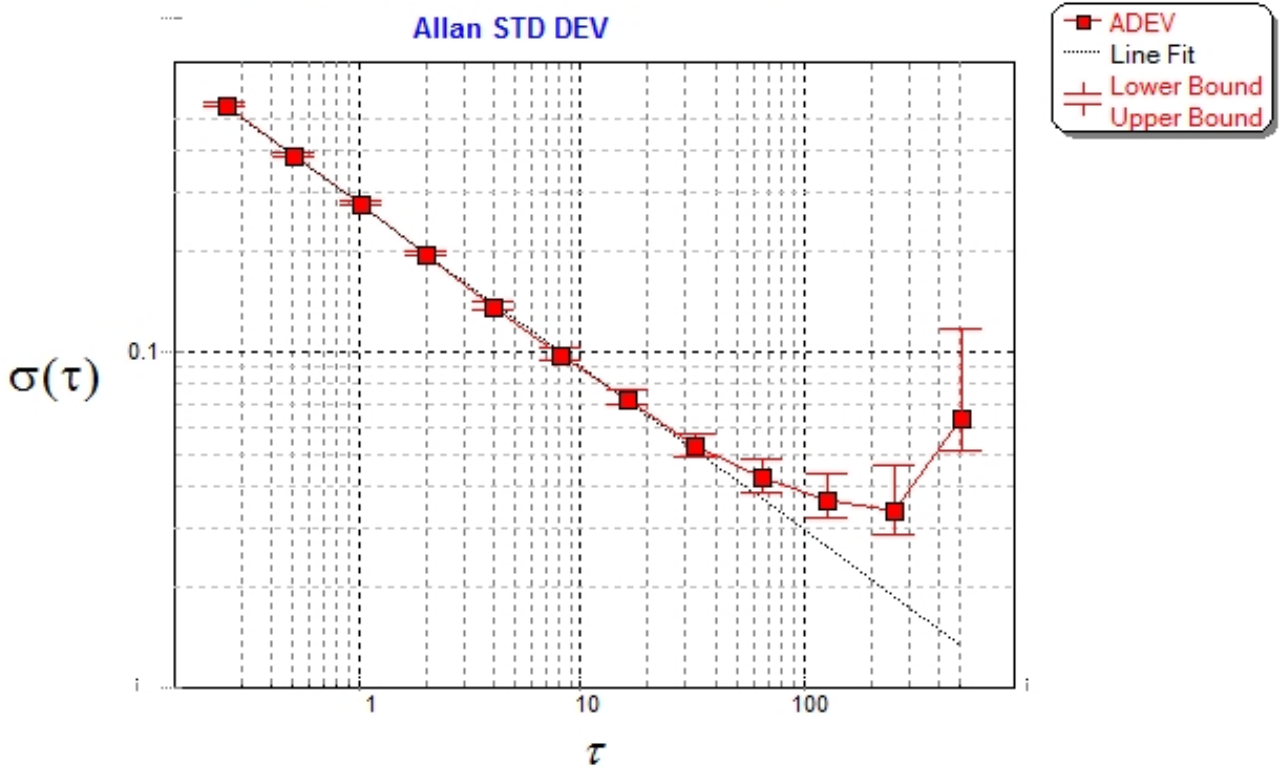   The computation of the Error bars lasted 0.001 seconds

ADEV(tau) was fitted to a line :
    The Solpe of the line is =-0.486112
    The fit result is ADEV(tau=1) = Stability =0.277832

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	0.55409	0.54852	0.55984	0.55409	0.079977	0.55451
0.5	0.39168	0.38743	0.39607	0.31013	0.089526	0.39133
1	0.27778	0.27394	0.28179	0.20224	0.11676	0.27817
2	0.19617	0.19246	0.2001	0.14023	0.16192	0.19645
4	0.13853	0.1349	0.14248	0.098098	0.22655	0.1387
8	0.098919	0.095309	0.10297	0.071455	0.33003	0.098285
16	0.072275	0.068622	0.076582	0.051574	0.47642	0.072013
32	0.053159	0.049459	0.057836	0.039281	0.72572	0.051904
64	0.042782	0.038713	0.048478	0.031239	1.1543	0.040082
128	0.036345	0.031657	0.044005	0.026716	1.9744	0.031896
256	0.033774	0.027901	0.046141	0.031695	4.6846	0.015633
512	0.064138	0.049125	0.1168	0.063898	18.888	0.010336

Figure 3 : Allan Standard Deviation