AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 29.07.2022 19:25:12
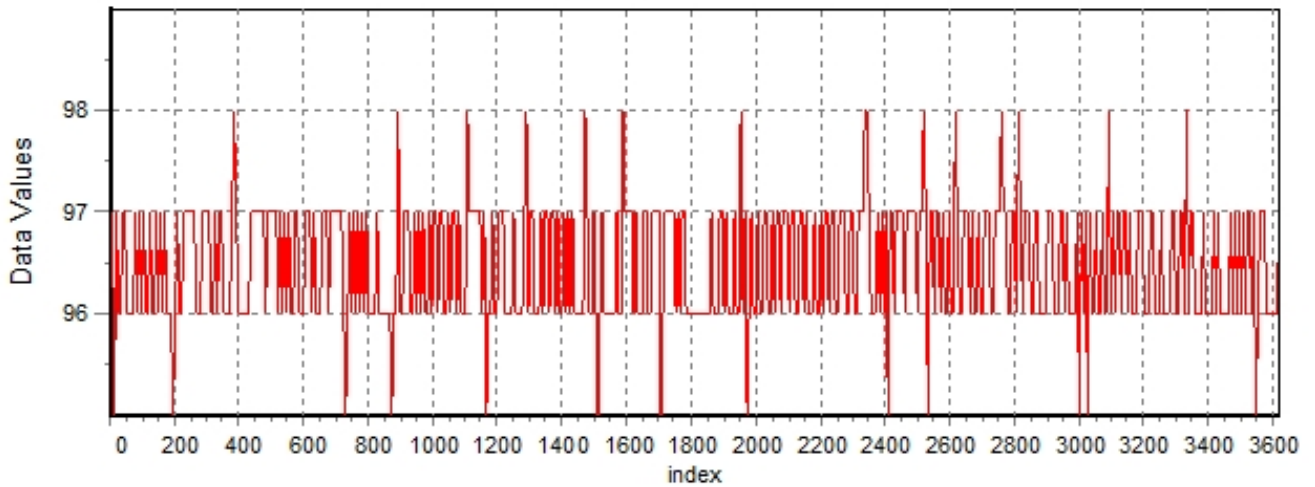Column # 1 was processed
Data length N = 3625 points.
    The mean Value of the processed data = 96.4163
    The Stanadrd Deviation of the processed data = 2.33771
    The number of removed outliers is 2

Figure 1 : Processed Data
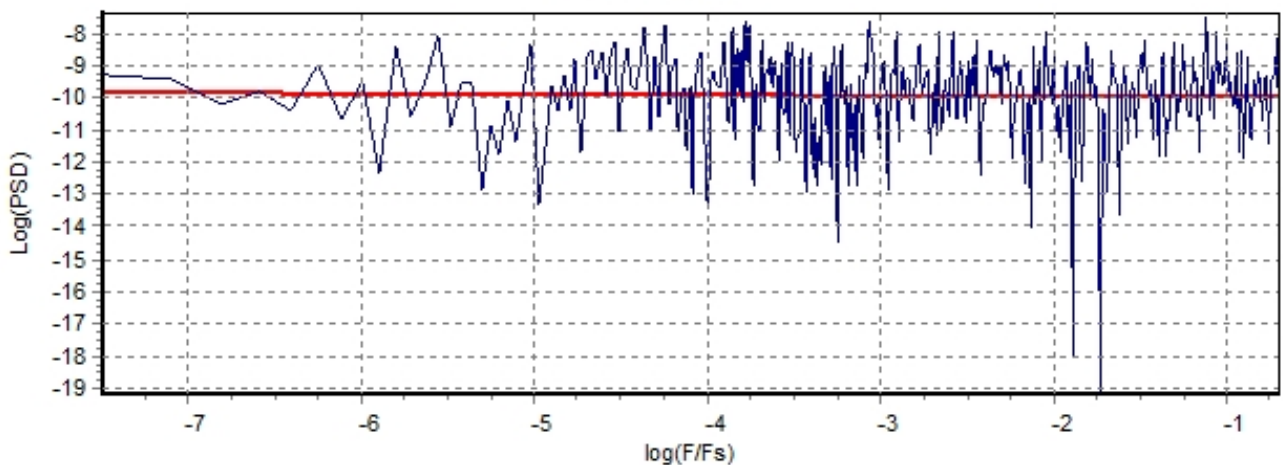

Figure 2 : Data PSD

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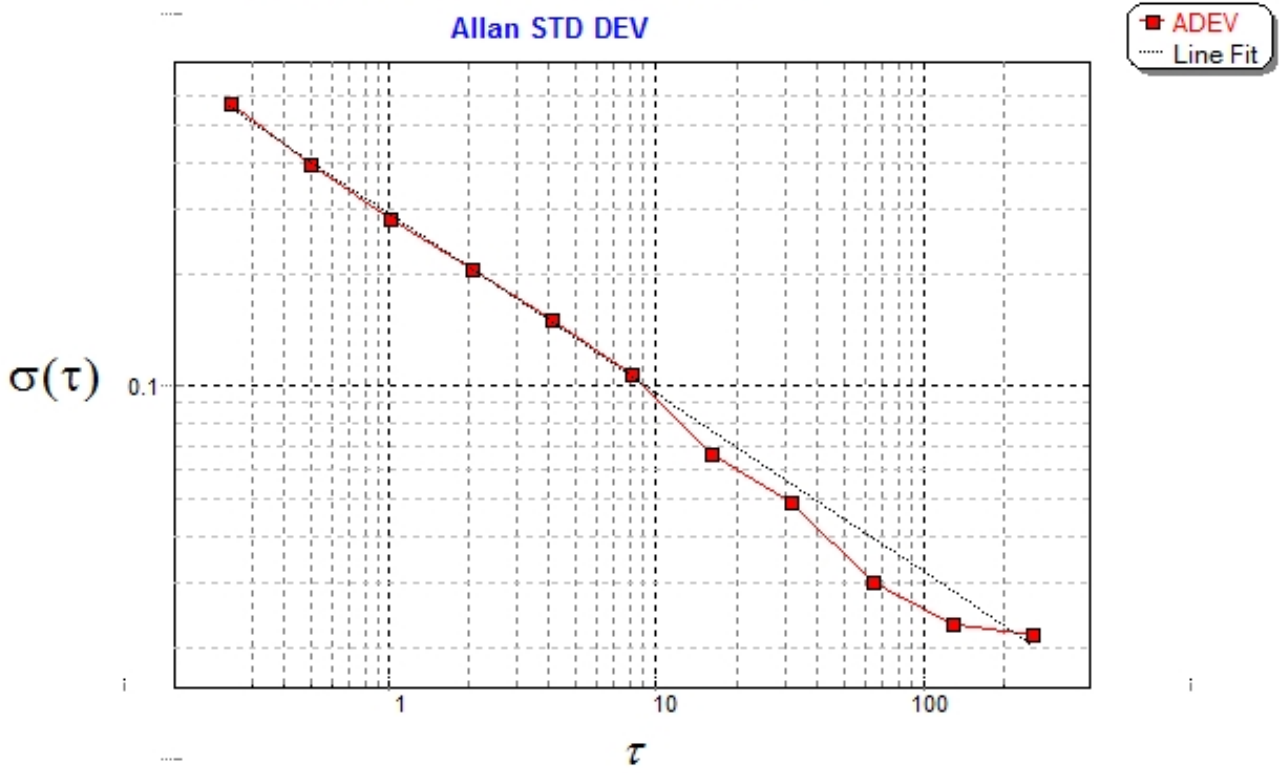The computation of the Error bars lasted 0.001 seconds

ADEV(tau) was fitted to a line :
The Solpe of the line is =-0.481107
The fit result is ADEV(tau=1) = Stability =0.29053

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	0.58132	0.57313	0.58988	0.58132	0.083907	0.58574
0.5	0.39742	0.39138	0.40375	0.31238	0.090178	0.3976
1	0.28383	0.27834	0.28967	0.2091	0.12072	0.28129
2	0.20828	0.20279	0.21424	0.14956	0.1727	0.20823
4	0.15156	0.14603	0.15776	0.1112	0.25682	0.15038
8	0.10897	0.10347	0.11544	0.074932	0.34609	0.10969
16	0.065619	0.061063	0.071376	0.043058	0.39775	0.064977
32	0.049217	0.044546	0.055749	0.033942	0.62708	0.049324
64	0.02984	0.026	0.036106	0.020655	0.76321	0.030066
128	0.022932	0.018954	0.03129	0.01838	1.3583	0.02413
256	0.021395	0.016398	0.038819	0.014147	2.0909	0.024171

Figure 3 : Allan Standard Deviation