AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 16.02.2026 19:50:42
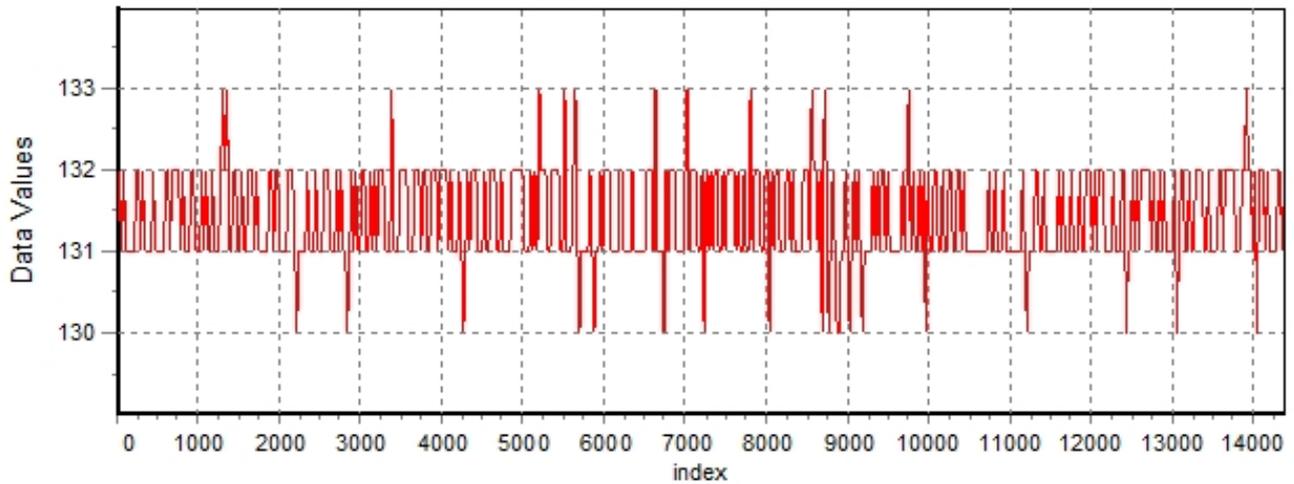Column # 1 was processed
Data length N = 14400 points.
    The mean Value of the processed data = 131.346
    The Stanadrd Deviation of the processed data = 3.15559
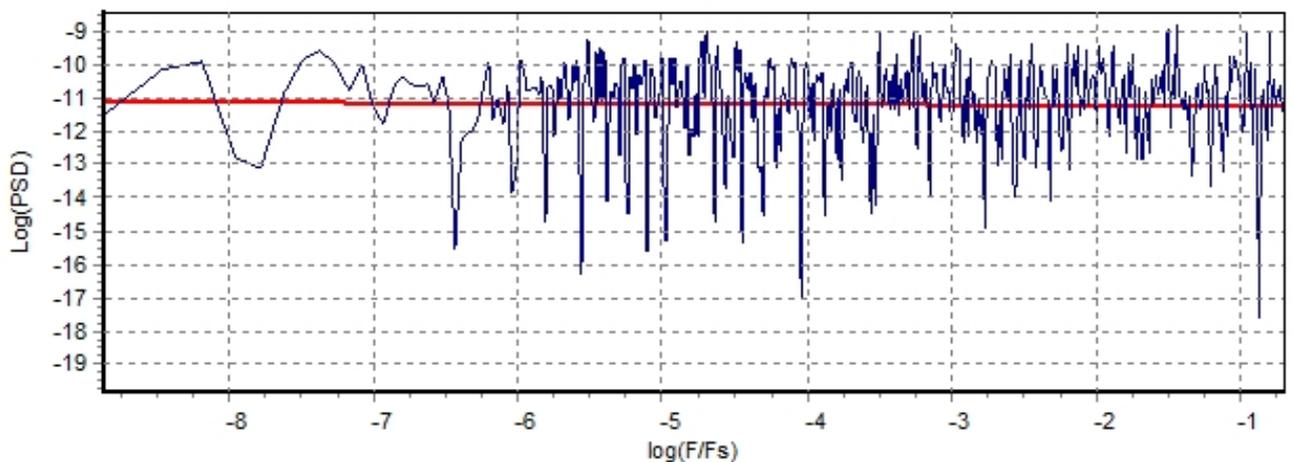   The number of removed outliers is 8

Figure 1 : Processed Data

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.014000 seconds
   The error bars were computed for a : White FM
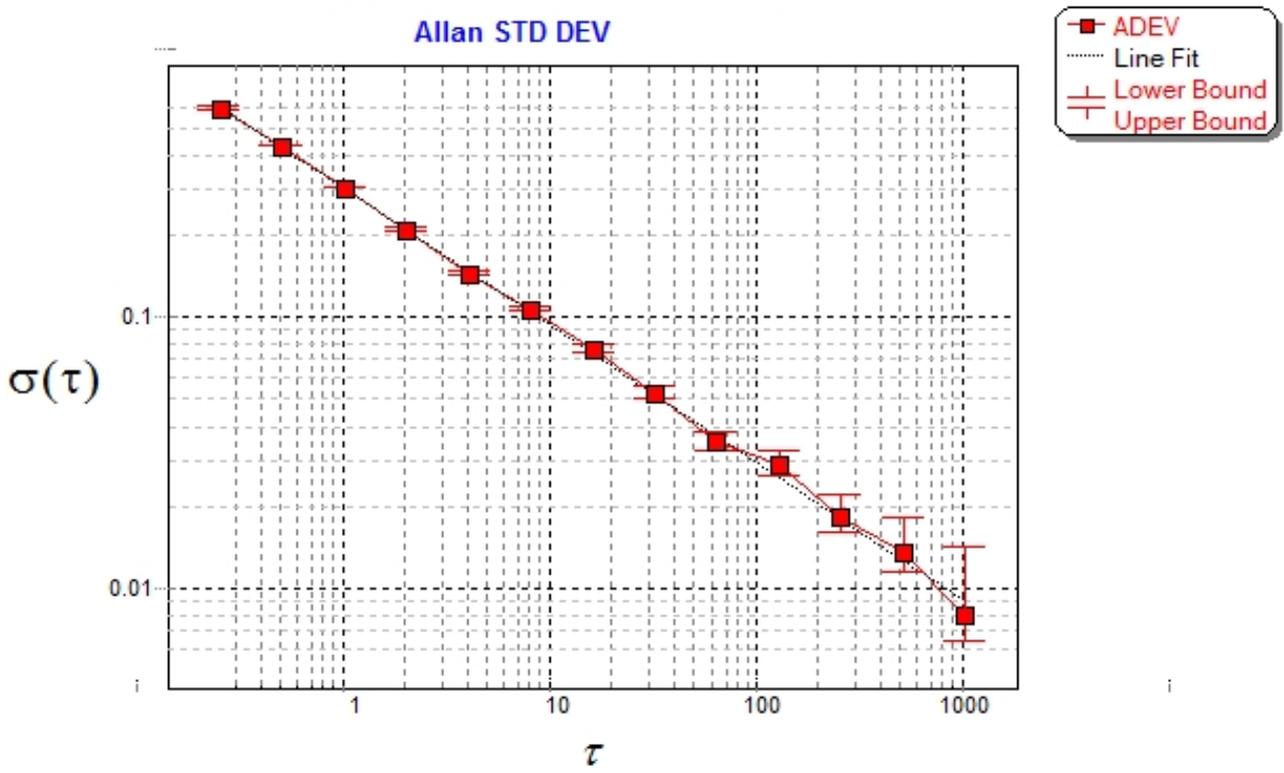   The computation of the Error bars lasted 0.001 seconds

ADEV(tau) was fitted to a line :
   The Solpe of the line is =-0.508142
   The fit result is ADEV(tau=1) = Stability =0.303065

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	0.60463	0.60031	0.60904	0.60463	0.087271	0.60231
0.5	0.43287	0.42953	0.43628	0.34158	0.098606	0.43411
1	0.30381	0.30082	0.3069	0.22239	0.1284	0.30343
2	0.21375	0.21087	0.21675	0.1502	0.17344	0.21553
4	0.14605	0.1433	0.14895	0.10301	0.23789	0.1447
8	0.10721	0.1044	0.11026	0.076351	0.35265	0.10651
16	0.077185	0.074367	0.080349	0.054903	0.50718	0.077152
32	0.053026	0.050343	0.056188	0.036395	0.6724	0.054518
64	0.034943	0.032509	0.03802	0.025126	0.9284	0.033632
128	0.028621	0.025897	0.032436	0.021086	1.5583	0.028282
256	0.018435	0.016055	0.022325	0.01232	1.8209	0.018174
512	0.013551	0.011192	0.018521	0.0098968	2.9255	0.014595
1024	0.0079174	0.0060626	0.014437	0.0063824	3.7733	0.0069436

Figure 3 : Allan Standard Deviation