AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 28.06.2022 16:29:40
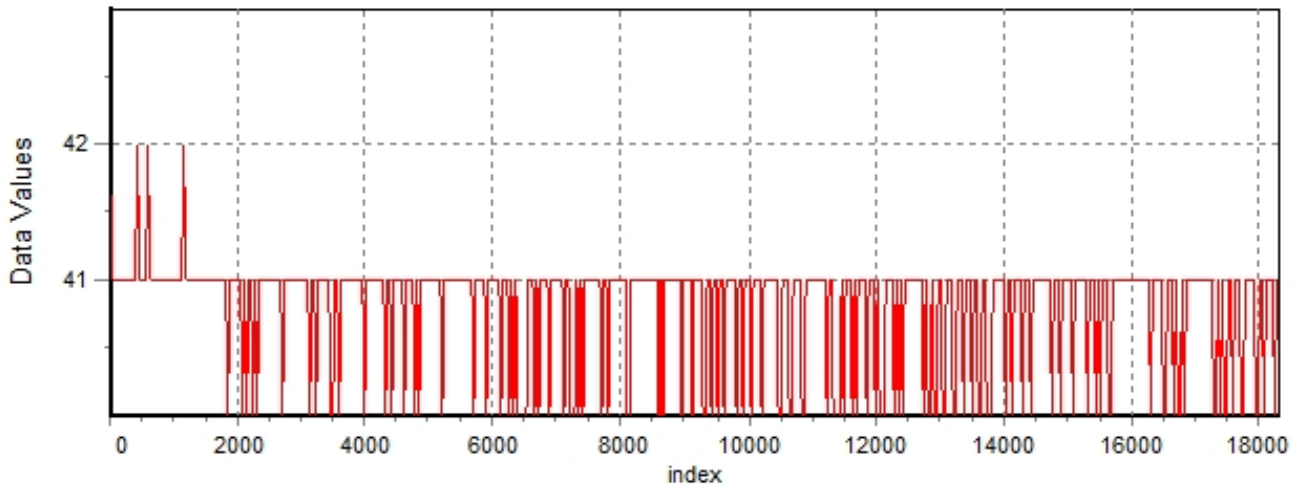Column # 1 was processed
Data length N = 18329 points.
    The mean Value of the processed data = 40.7754
    The Stanadrd Deviation of the processed data = 1.0949
    The number of removed outliers is 11

Figure 1 : Processed Data
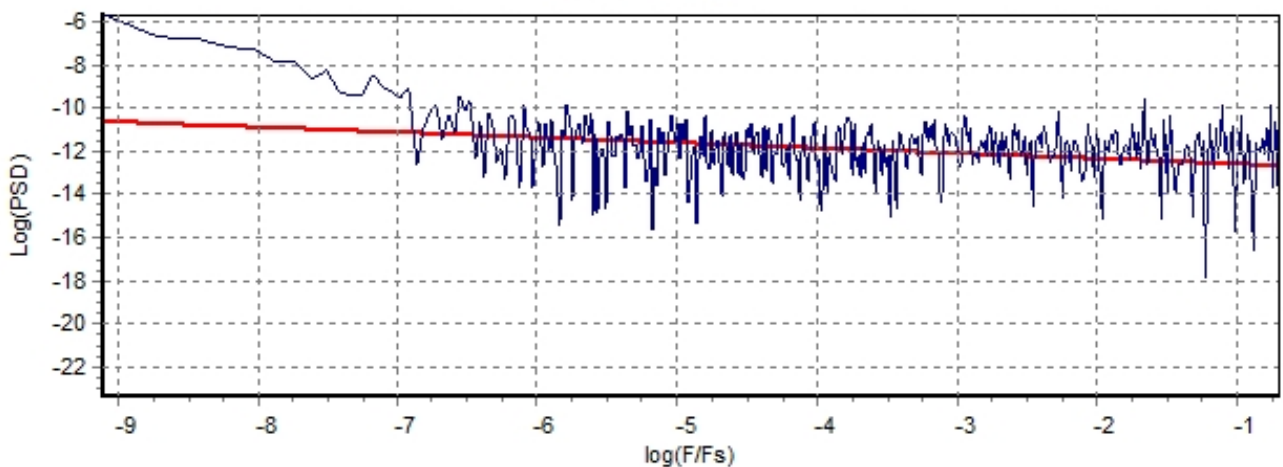

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.207000 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 =-0.4782
    The fit result is ADEV(tau=1) = Stability =0.213807

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.

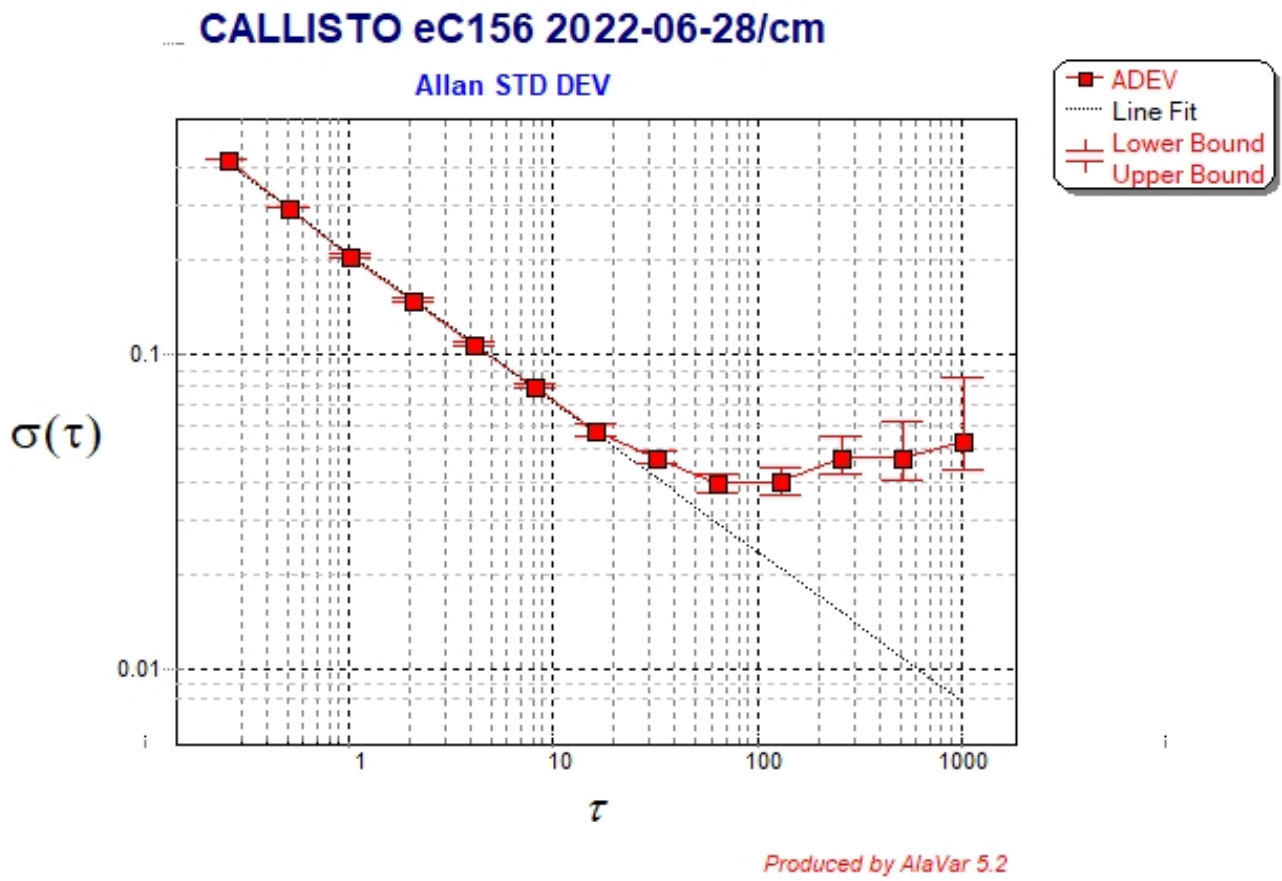| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.42423	0.42154	0.42697	0.42423	0.061232	0.42425
0.5	0.29886	0.29682	0.30095	0.23556	0.067999	0.2995
1	0.20995	0.20812	0.21184	0.15323	0.088466	0.20916
2	0.15089	0.14908	0.15277	0.10788	0.12456	0.15078
4	0.10854	0.10672	0.11044	0.078726	0.18181	0.1075
8	0.079351	0.077499	0.081342	0.056421	0.2606	0.079308
16	0.05801	0.056122	0.060102	0.042946	0.39672	0.05635
32	0.046743	0.044631	0.049187	0.035061	0.64776	0.044793
64	0.039131	0.036691	0.042134	0.031214	1.1534	0.034381
128	0.039857	0.036451	0.044439	0.030371	2.2444	0.027998
256	0.046737	0.041306	0.055083	0.033521	4.9545	0.025008
512	0.047163	0.039762	0.061205	0.029191	8.6288	0.022155
1024	0.05344	0.042152	0.084939	0.033248	19.657	0.037821

Figure 3 : Allan Standard Deviation