AlaVar generated report

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 26.07.2021 18:47:34
Column # 1 was processed
Data length N = 10800 points.
 The mean Value of the processed data = 118.276
 The Stanadrd Deviation of the processed data = 2.85087
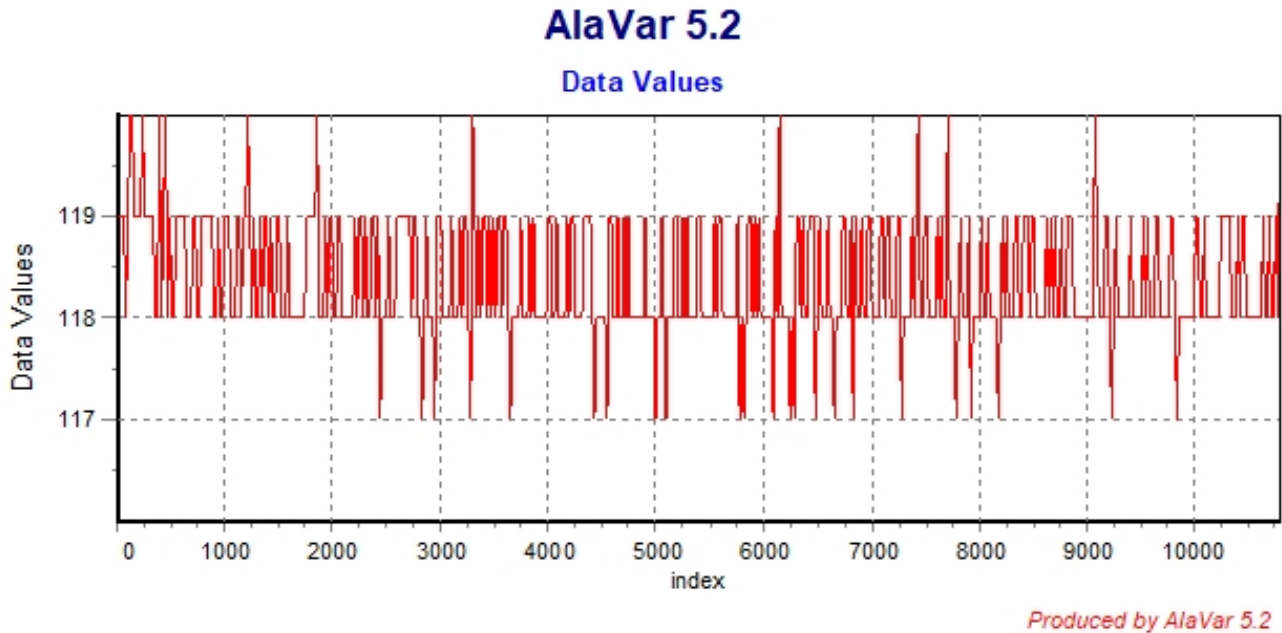 The number of removed outliers is 6
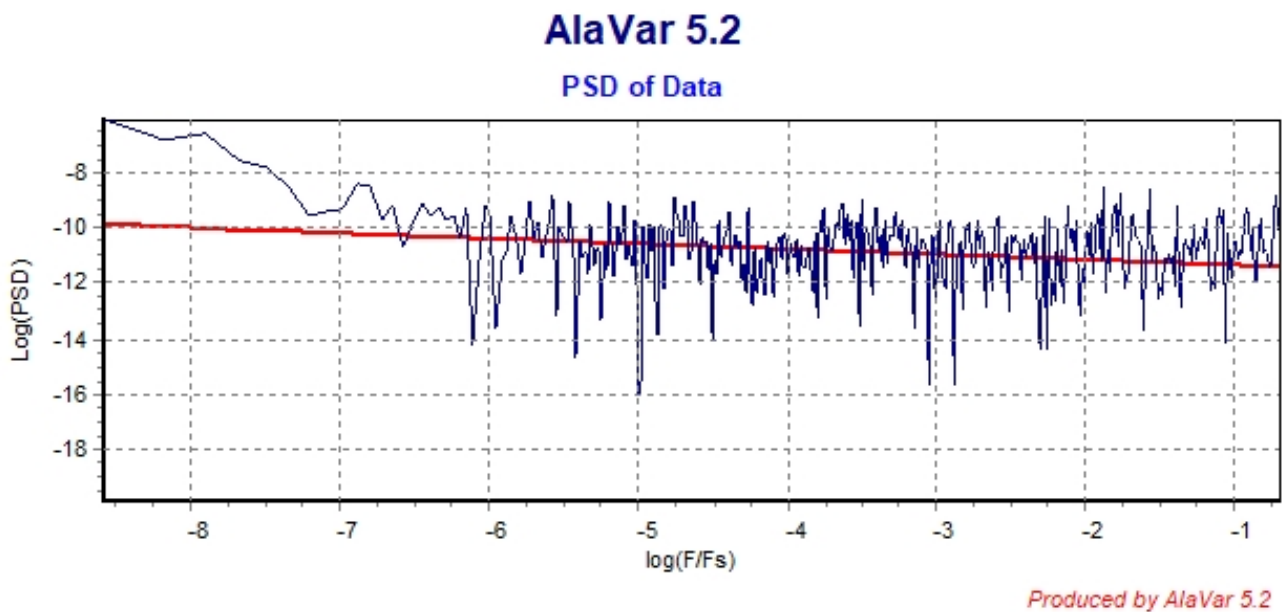

Figure 1 : Processed Data

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.180000 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 =-0.496949
    The fit result is ADEV(tau=1) = Stability =0.290761

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.

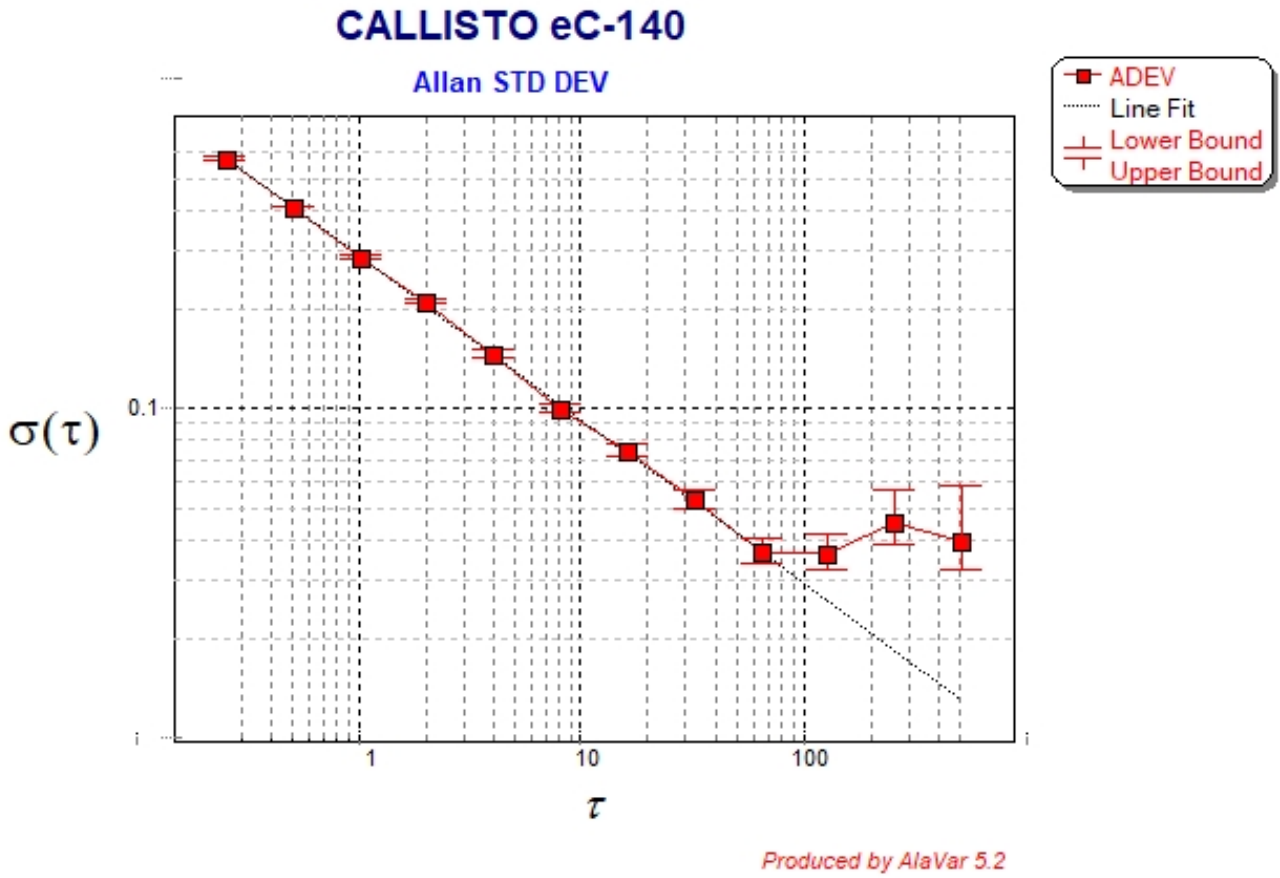| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.57938	0.57461	0.58427	0.57938	0.083626	0.5797
0.5	0.40855	0.40491	0.41228	0.32344	0.093369	0.40864
1	0.28783	0.28457	0.29122	0.20998	0.12123	0.28553
2	0.21167	0.20838	0.21511	0.15271	0.17634	0.21134
4	0.14733	0.14415	0.15073	0.1023	0.23626	0.14931
8	0.099393	0.096402	0.10268	0.0712	0.32886	0.097417
16	0.074633	0.071511	0.078203	0.052444	0.48446	0.074664
32	0.053371	0.050285	0.057105	0.038211	0.70596	0.053799
64	0.03684	0.033916	0.040679	0.025626	0.94688	0.032466
128	0.0362	0.032286	0.041997	0.02851	2.1069	0.021808
256	0.045302	0.038679	0.057136	0.029763	4.3991	0.025305
512	0.039737	0.031914	0.059119	0.027861	8.2358	0.021562

Figure 3 : Allan Standard Deviation