AlaVar generated report

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 26.07.2021 13:22:48
Column # 1 was processed
Data length N = 27000 points.
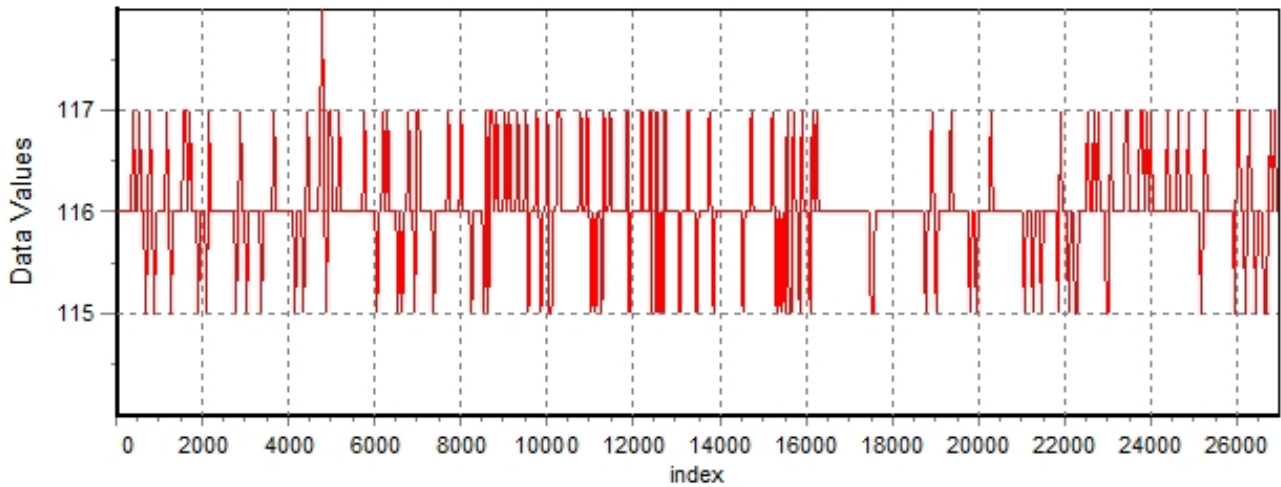   The mean Value of the processed data = 115.957
   The Stanadrd Deviation of the processed data = 2.79066
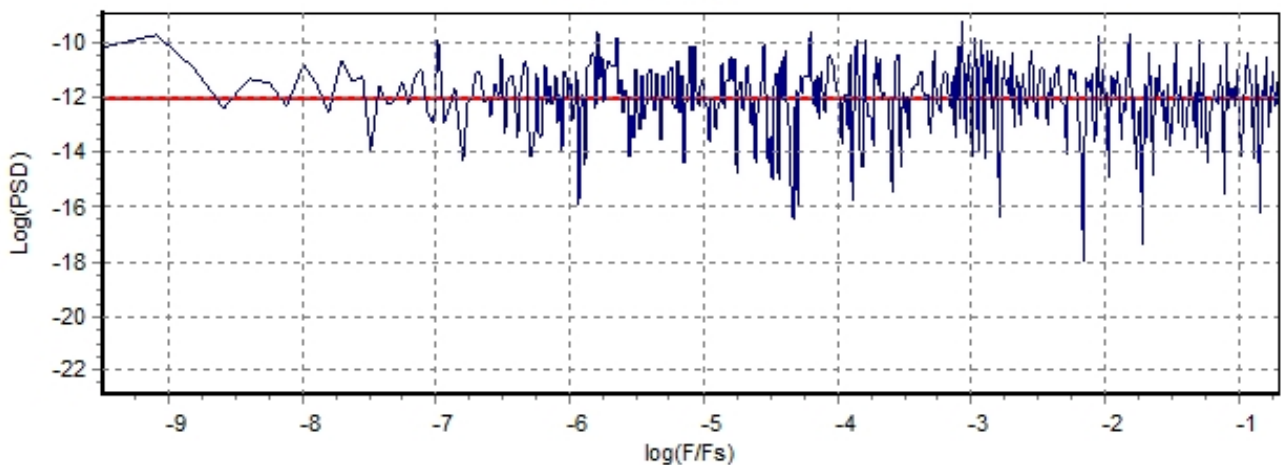   The number of removed outliers is 15

Figure 1 : Processed Data

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.215000 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 =-0.509866
 The fit result is ADEV(tau=1) = Stability =0.280379

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.

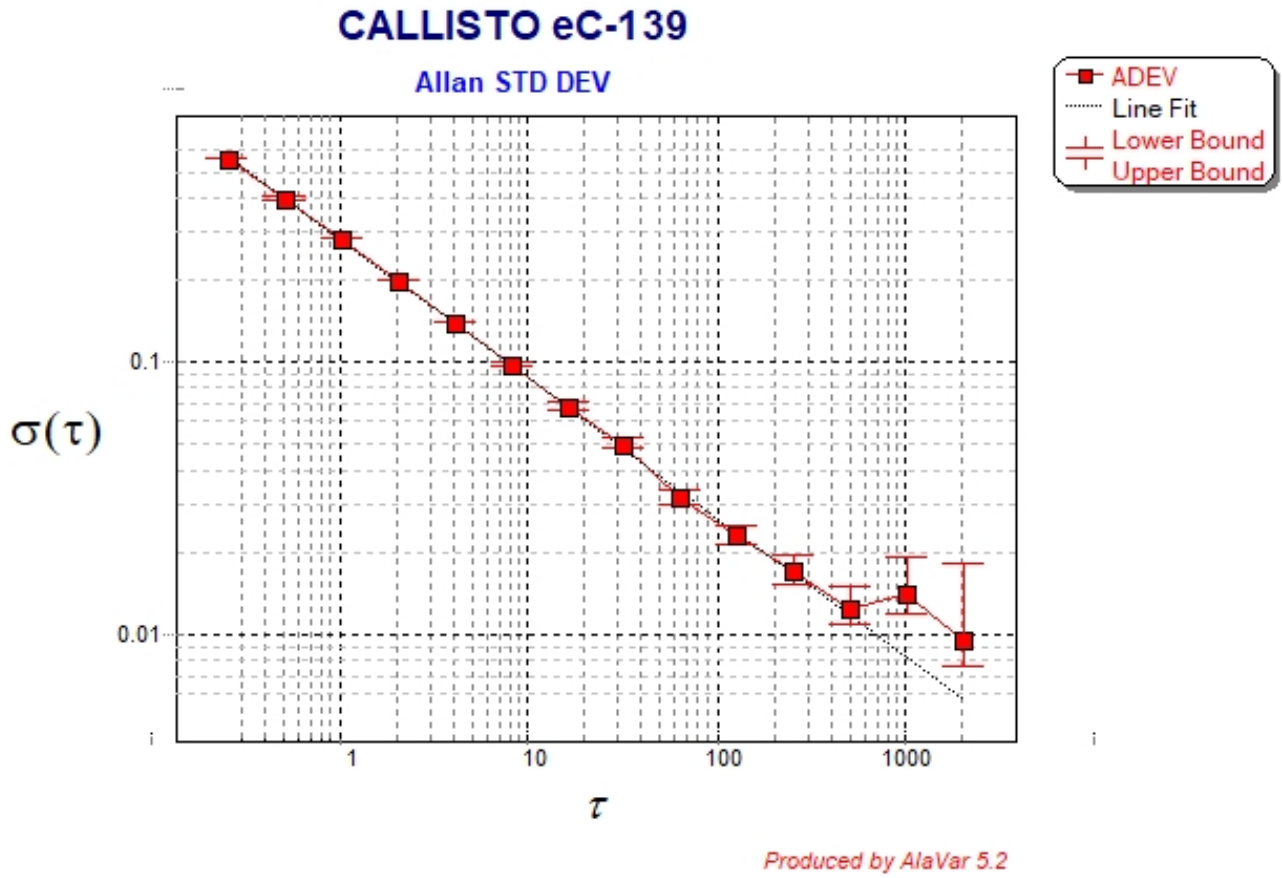| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.55628	0.55336	0.55923	0.55628	0.080291	0.55327
0.5	0.40069	0.39842	0.40299	0.31676	0.091441	0.40137
1	0.28145	0.27941	0.28352	0.20508	0.11841	0.28162
2	0.19854	0.19657	0.20056	0.14094	0.16274	0.19918
4	0.13848	0.13657	0.14048	0.09828	0.22697	0.13833
8	0.097943	0.096049	0.099954	0.068548	0.31661	0.098224
16	0.068652	0.066797	0.070672	0.048535	0.44834	0.06852
32	0.049846	0.04797	0.051961	0.035355	0.65319	0.051061
64	0.031988	0.03032	0.033965	0.022569	0.83395	0.031839
128	0.023115	0.021457	0.025228	0.015907	1.1756	0.022966
256	0.017173	0.015491	0.019557	0.012294	1.8171	0.017087
512	0.012303	0.01067	0.015023	0.0099534	2.9423	0.010699
1024	0.013967	0.011468	0.019407	0.010886	6.4358	0.014036
2048	0.0094819	0.0071985	0.018165	0.0094682	11.195	0.0064959

Figure 3 : Allan Standard Deviation