AlaVar generated report

E:\Callisto_Quali\temp\Data\ec87\TotalLightcurve.DAT

File 'E:\Callisto_Quali\temp\Data\ec87\TotalLightcurve.DAT' created on 06.11.2015 19:12:42
Column # 1 was processed
Data length N = 2467758 points.
    The mean Value of the processed data = 163926
    The Stanadrd Deviation of the processed data = 2.65383e+07
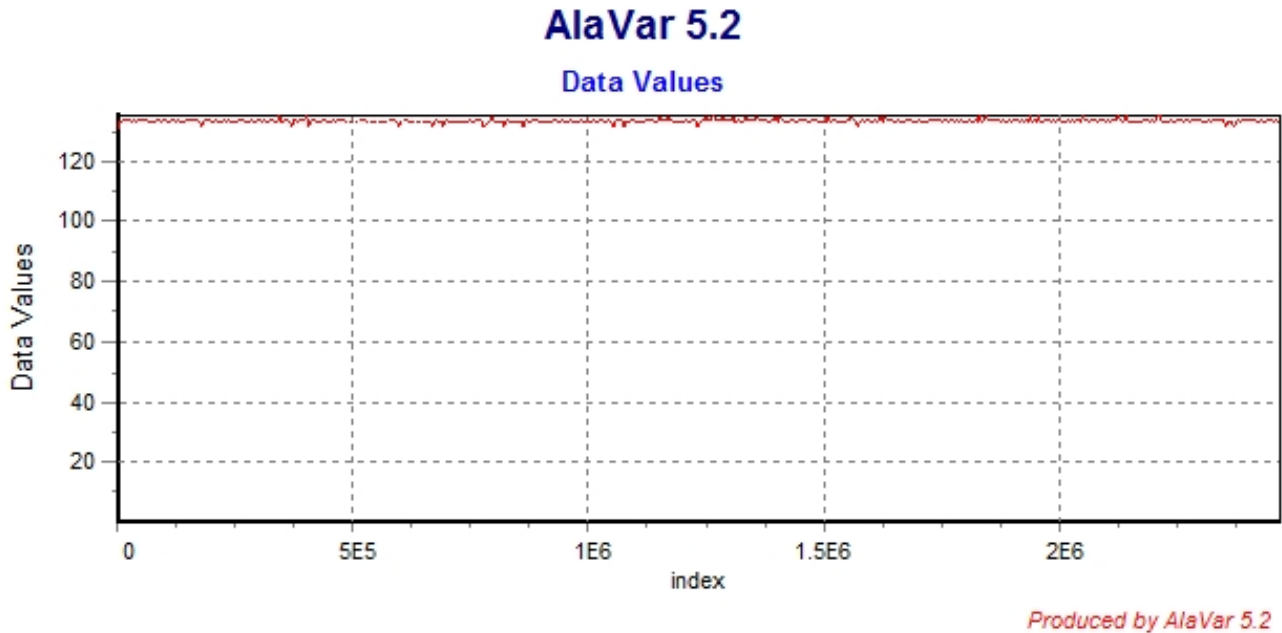   The number of removed outliers is 94
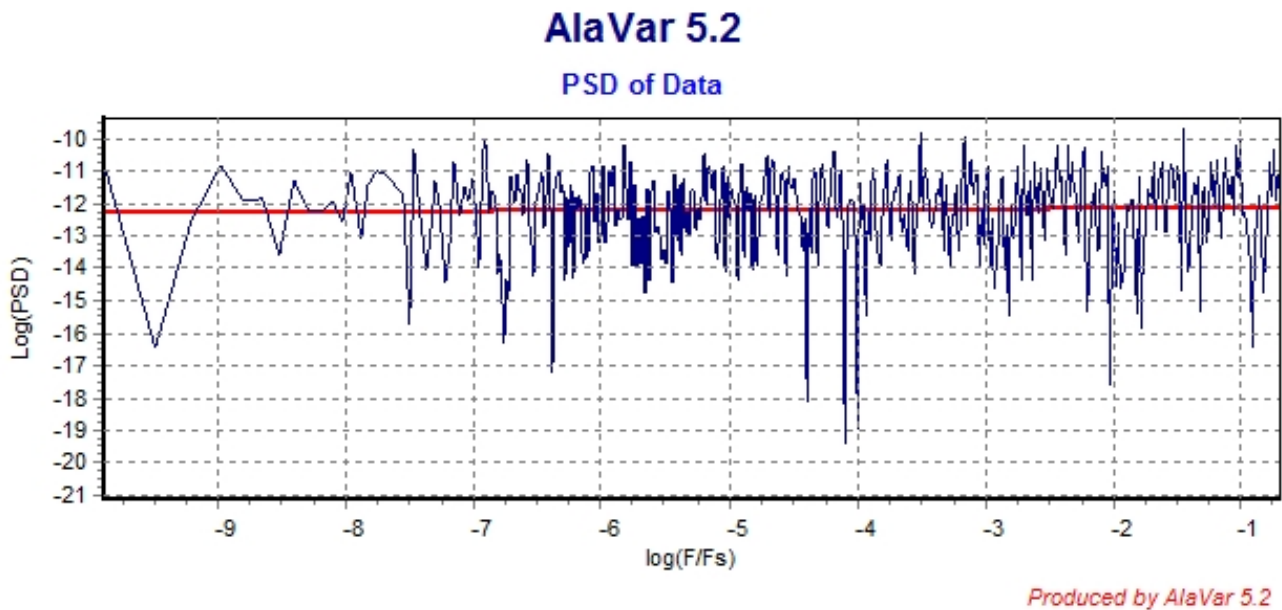

Figure 1 : Processed Data

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.531000 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 =-0.500177
    The fit result is ADEV(tau=1) = Stability =1.51708

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.

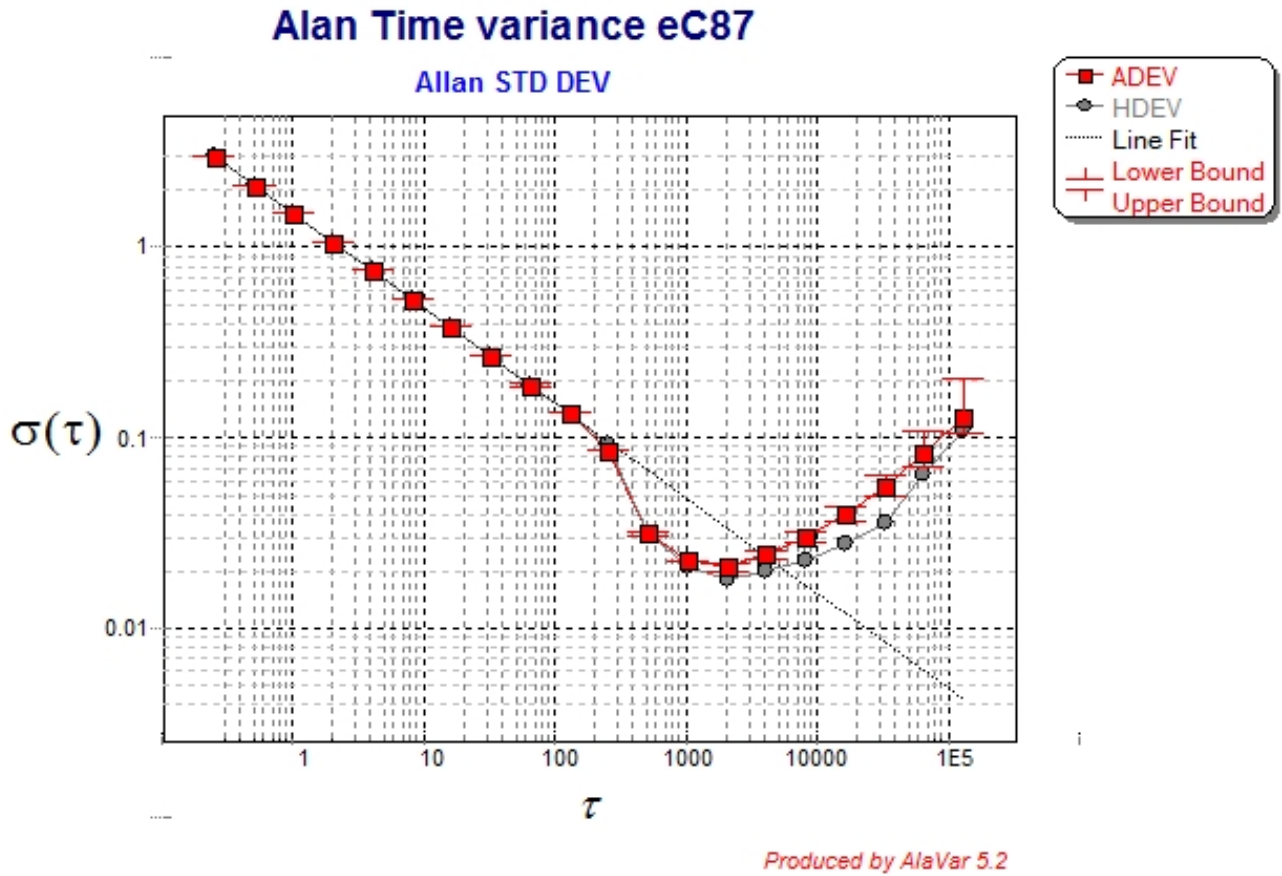| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	3.0336	3.0319	3.0353	3.0336	0.43786	3.0337
0.5	2.1448	2.1436	2.1461	1.6955	0.48946	2.1449
1	1.5163	1.5152	1.5175	1.1052	0.63811	1.5162
2	1.0727	1.0715	1.0738	0.76453	0.8828	1.0725
4	0.75899	0.75787	0.76011	0.53789	1.2422	0.75899
8	0.53655	0.53543	0.53767	0.37949	1.7528	0.53661
16	0.37925	0.37814	0.38037	0.26821	2.4776	0.37923
32	0.26828	0.26717	0.26941	0.18969	3.5047	0.26838
64	0.18947	0.18837	0.1906	0.13391	4.9479	0.18958
128	0.13376	0.13266	0.13489	0.094594	6.9906	0.13373
256	0.084059	0.083086	0.085066	0.045644	6.7463	0.091709
512	0.031458	0.030947	0.031995	0.014945	4.4178	0.031773
1024	0.02228	0.021773	0.022824	0.012839	7.5904	0.020634
2048	0.021141	0.02047	0.021883	0.016395	19.385	0.018056
4096	0.024241	0.023172	0.025473	0.021042	49.761	0.019731
8192	0.029696	0.027887	0.031909	0.026259	124.2	0.022733
16384	0.039441	0.036147	0.043838	0.035243	333.37	0.027331
32768	0.05444	0.048254	0.063833	0.050229	950.26	0.03601
65536	0.08364	0.070802	0.10753	0.079967	3025.7	0.06484
1.3107e+05	0.12962	0.10284	0.20147	0.12038	9109.7	0.11041

Figure 3 : Allan Standard Deviation