AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 19.06.2020 18:24:36
Column # 1 was processed
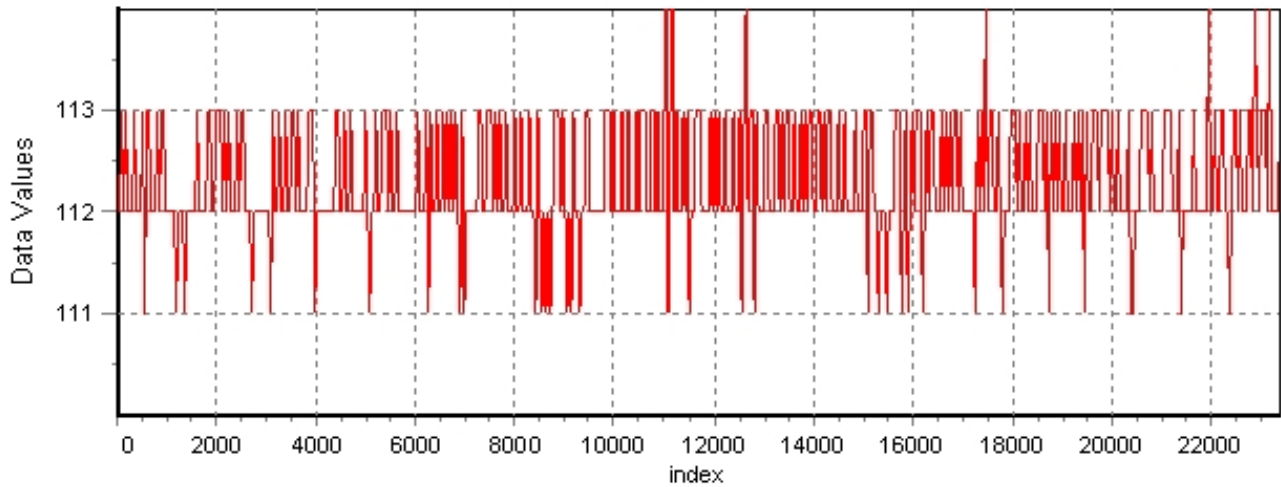Data length N = 23400 points.
    The mean Value of the processed data = 112.222
    The Stanadrd Deviation of the processed data = 2.71203
    The number of removed outliers is 13

Figure 1 : Processed Data
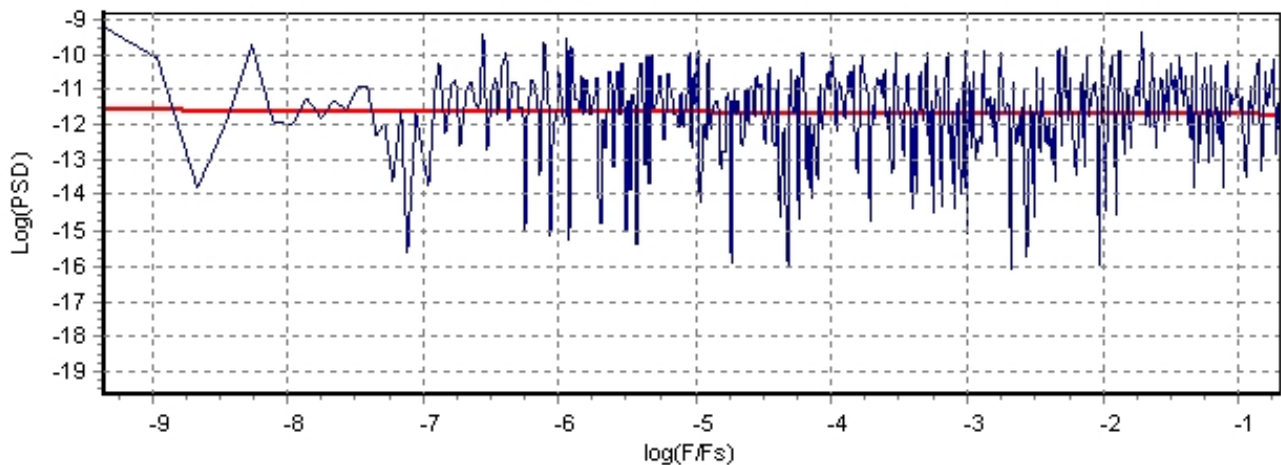

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.130000 seconds
   The error bars were computed for a : White FM
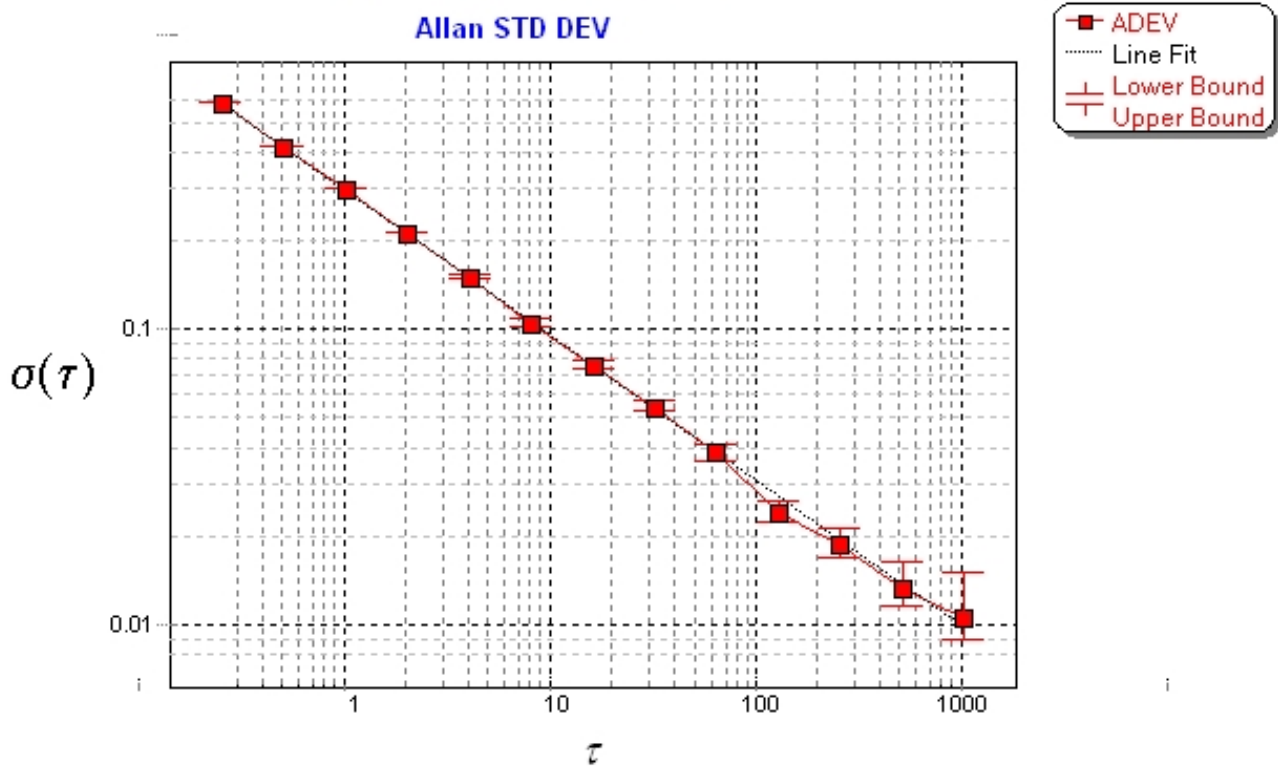   The computation of the Error bars lasted 0 seconds

ADEV(tau) was fitted to a line :
   The Solpe of the line is =-0.493897
   The fit result is ADEV(tau=1) = Stability =0.299215

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	0.59153	0.58821	0.59491	0.59153	0.08538	0.59071
0.5	0.42103	0.41847	0.42363	0.33352	0.09628	0.41998
1	0.30054	0.29821	0.30293	0.21959	0.12678	0.30048
2	0.21311	0.21084	0.21544	0.15232	0.17588	0.21292
4	0.15164	0.14939	0.15399	0.10798	0.24938	0.15172
8	0.10631	0.1041	0.10866	0.074925	0.34607	0.10607
16	0.075567	0.073379	0.077963	0.053348	0.49281	0.075362
32	0.054354	0.052164	0.056844	0.038832	0.71744	0.054001
64	0.038858	0.036693	0.041457	0.027246	1.0068	0.039374
128	0.023938	0.022106	0.026317	0.016006	1.1829	0.023652
256	0.018594	0.016654	0.021421	0.01275	1.8844	0.017661
512	0.013216	0.011349	0.016463	0.0099263	2.9342	0.01371
1024	0.010464	0.0084738	0.015156	0.0087334	5.1633	0.0081019

Figure 3 : Allan Standard Deviation