AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 30.01.2021 15:49:34
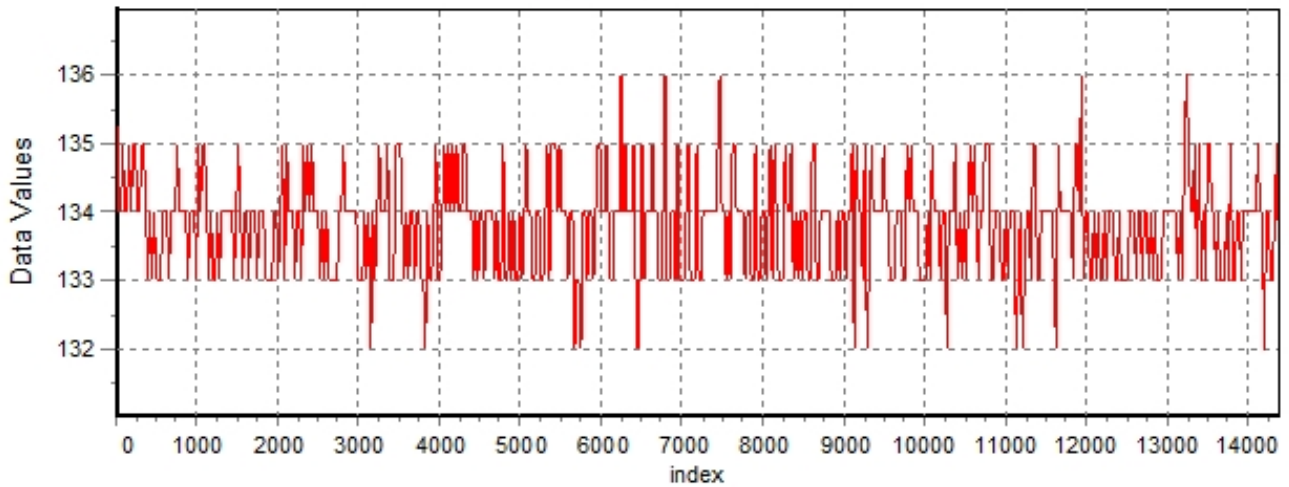Column # 1 was processed
Data length N = 14400 points.
  The mean Value of the processed data = 133.734
  The Stanadrd Deviation of the processed data = 2.83348
  The number of removed outliers is 7

Figure 1 : Processed Data
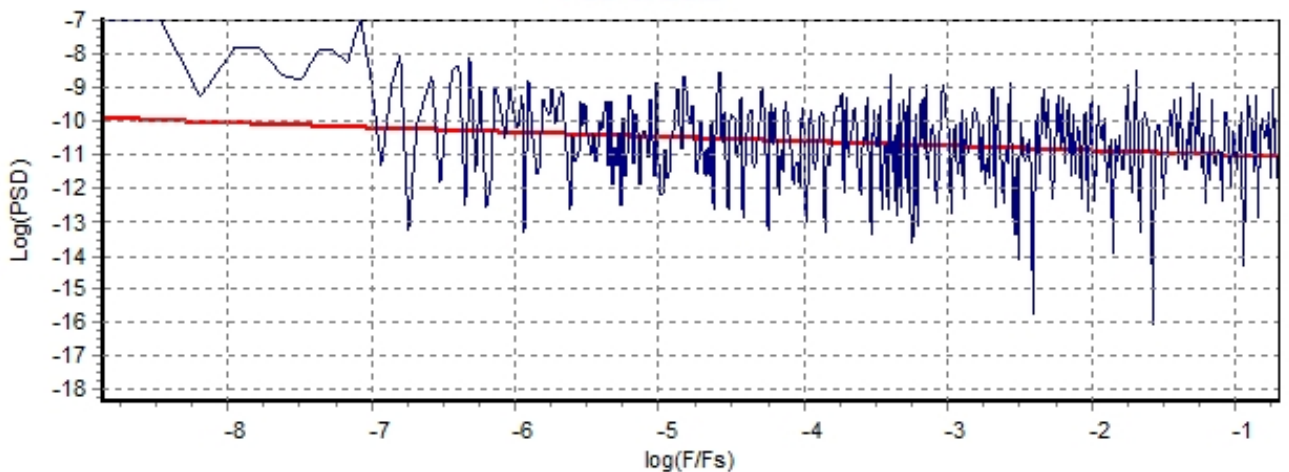

Figure 2 : Data PSD

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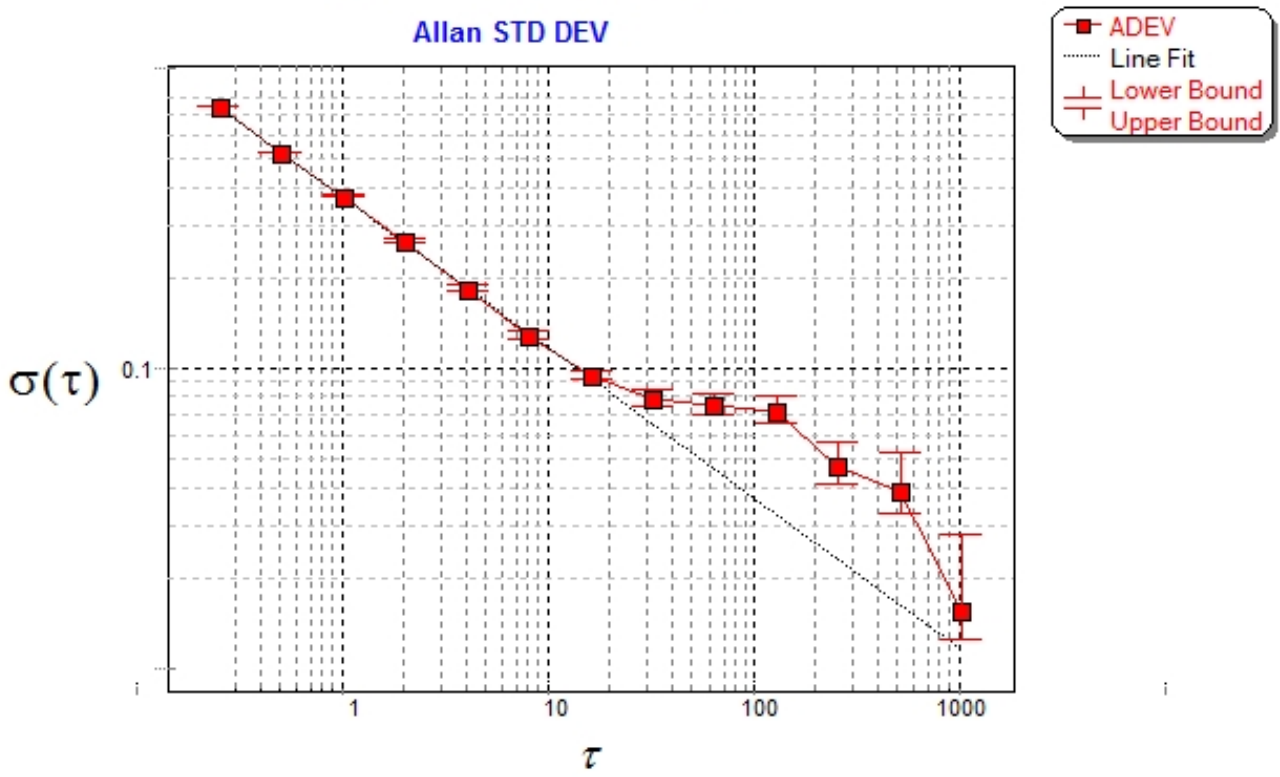   The computation of the Error bars lasted 0 seconds

ADEV(tau) was fitted to a line :
    The Solpe of the line is =-0.5
    The fit result is ADEV(tau=1) = Stability =0.37086

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	0.74131	0.73601	0.74672	0.74131	0.107	0.74286
0.5	0.52044	0.51642	0.52455	0.41204	0.11894	0.51928
1	0.37225	0.36858	0.37603	0.27204	0.15706	0.37216
2	0.26507	0.26149	0.26879	0.18986	0.21923	0.26565
4	0.18429	0.18083	0.18795	0.12934	0.2987	0.18467
8	0.12928	0.12589	0.13296	0.091625	0.4232	0.12824
16	0.094034	0.090602	0.097889	0.067908	0.6273	0.090739
32	0.079753	0.075719	0.084509	0.062935	1.1627	0.073637
64	0.075656	0.070386	0.082318	0.059467	2.1973	0.066893
128	0.071386	0.064591	0.080901	0.053901	3.9833	0.069712
256	0.047363	0.041249	0.057358	0.029927	4.4232	0.041305
512	0.038862	0.032099	0.053115	0.025752	7.6123	0.037684
1024	0.015543	0.011902	0.028341	0.0068126	4.0277	0.0079591

Figure 3 : Allan Standard Deviation