AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightCurve101.prn

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve101.prn' created on 23.11.2018 20:25:48
Column # 1 was processed
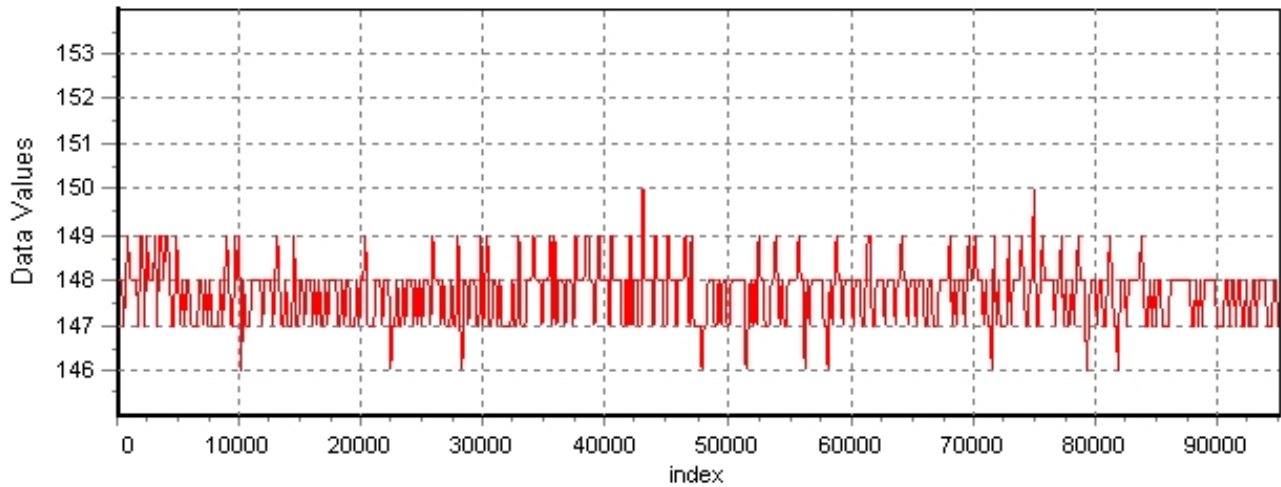Data length N = 95400 points.
    The mean Value of the processed data = 147.351
    The Stanadrd Deviation of the processed data = 6.98586
    The number of removed outliers is 212

Figure 1 : Processed Data
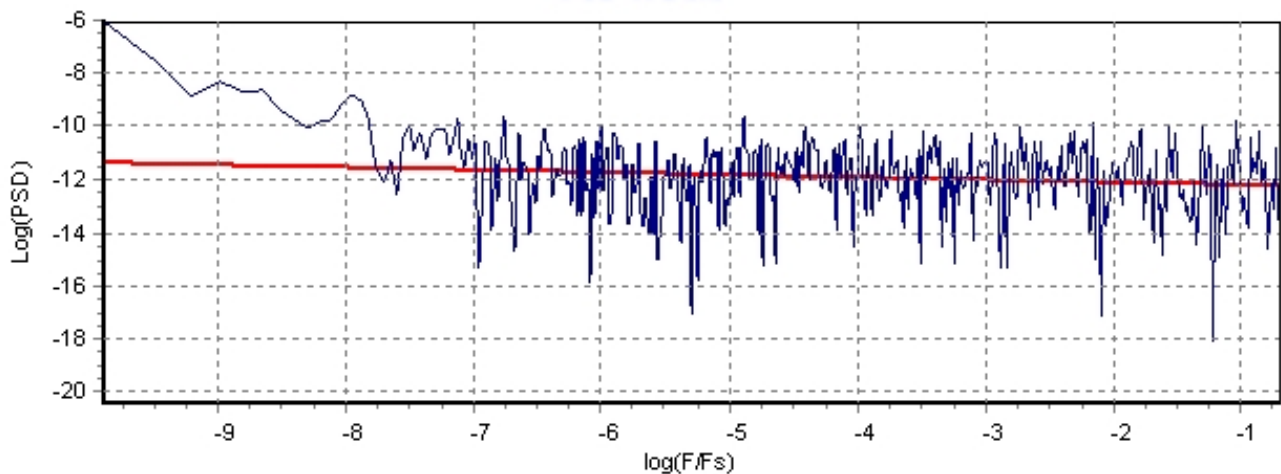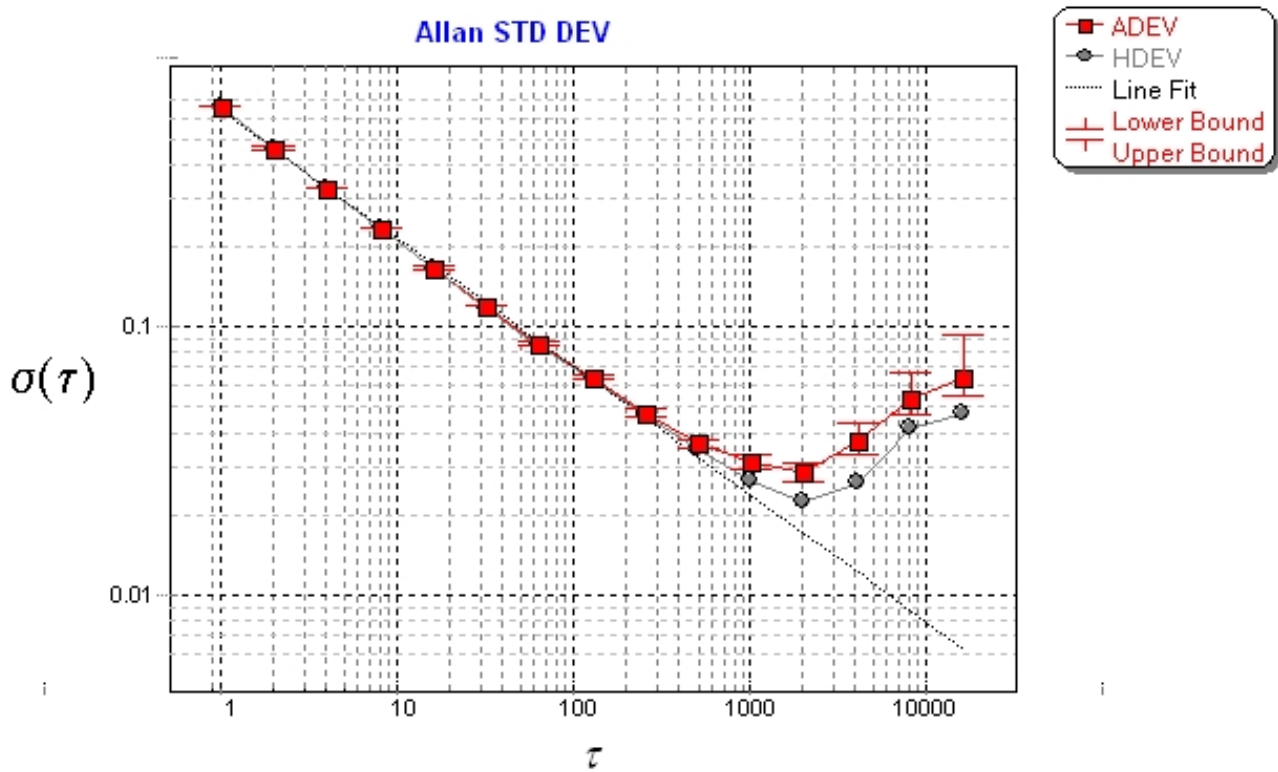

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.160000 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 =-0.476951
  The fit result is ADEV(tau=1) = Stability =0.637989

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
1	0.66057	0.65873	0.66244	0.66057	0.38138	0.66168
2	0.4649	0.46349	0.46631	0.36779	0.42469	0.46492
4	0.32841	0.32714	0.3297	0.2389	0.55171	0.32891
8	0.23116	0.22993	0.23241	0.16484	0.76138	0.23051
16	0.16578	0.16455	0.16704	0.11816	1.0915	0.1655
32	0.118	0.11677	0.11927	0.083898	1.55	0.11746
64	0.085591	0.084337	0.086904	0.061606	2.2764	0.084591
128	0.063857	0.062544	0.065255	0.046508	3.437	0.06278
256	0.047631	0.046263	0.049127	0.034683	5.1262	0.046391
512	0.036642	0.035178	0.038305	0.026783	7.917	0.034588
1024	0.031249	0.029522	0.033319	0.022909	13.544	0.026393
2048	0.028553	0.026385	0.031362	0.023828	28.174	0.022007
4096	0.037437	0.03356	0.043065	0.034491	81.566	0.025788
8192	0.053931	0.046371	0.06701	0.046851	221.59	0.041997
16384	0.063977	0.051898	0.092156	0.056423	533.73	0.04749

Figure 3 : Allan Standard Deviation