AlaVar generated report

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 11.03.2019 07:20:38
Column # 1 was processed
Data length N = 19386 points.
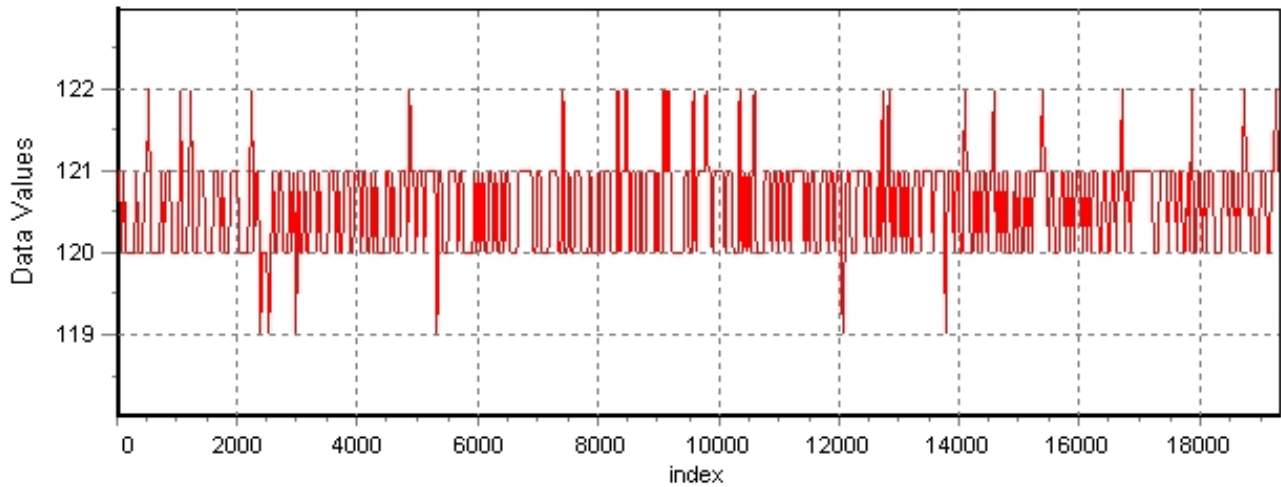 The mean Value of the processed data = 120.302
  The Stanadrd Deviation of the processed data = 5.70431
  The number of removed outliers is 43

Figure 1 : Processed Data
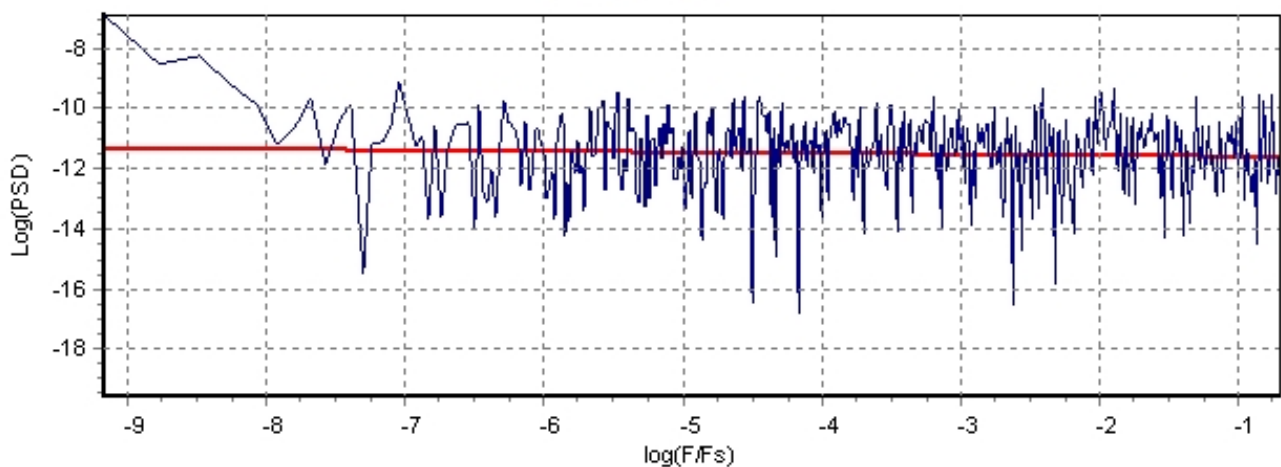

Figure 2 : Data PSD

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 =-0.503711
    The fit result is ADEV(tau=1) = Stability =0.299518

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.

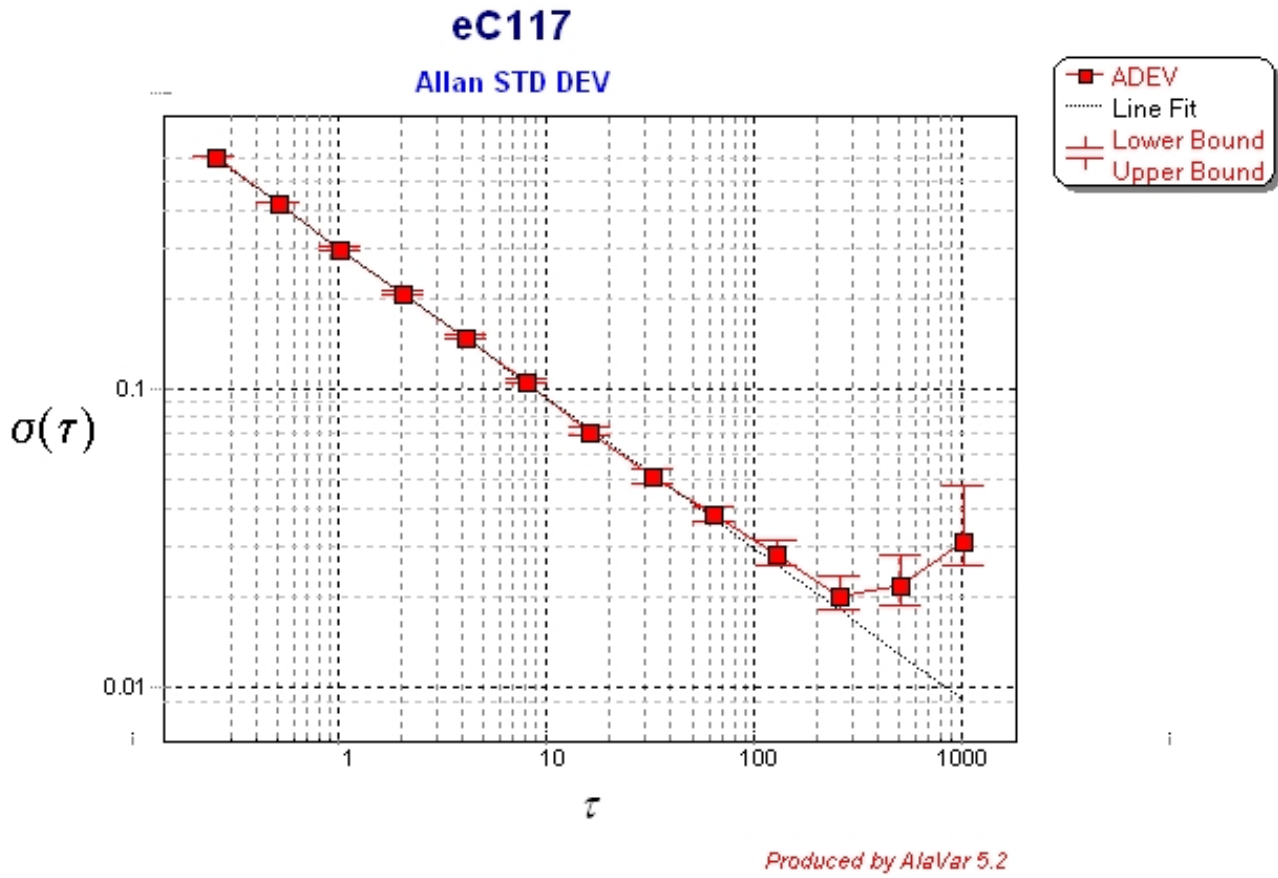| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.60506	0.60132	0.60886	0.60506	0.087333	0.60613
0.5	0.42358	0.42076	0.42646	0.33409	0.096444	0.42355
1	0.2995	0.29695	0.30211	0.21761	0.12563	0.30014
2	0.21068	0.20823	0.21323	0.15045	0.17372	0.20994
4	0.151	0.14855	0.15359	0.10728	0.24775	0.15095
8	0.10586	0.10346	0.10844	0.073813	0.34093	0.10723
16	0.071676	0.069403	0.074188	0.050818	0.46944	0.071203
32	0.05144	0.049174	0.054051	0.035965	0.66446	0.051485
64	0.037955	0.035647	0.040779	0.027727	1.0245	0.037783
128	0.028158	0.02581	0.031291	0.020858	1.5414	0.028695
256	0.020211	0.017918	0.02369	0.015641	2.3117	0.018556
512	0.021981	0.018612	0.028242	0.017402	5.1441	0.014027
1024	0.030807	0.02445	0.047814	0.031852	18.831	0.0111

Figure 3 : Allan Standard Deviation