AlaVar generated report

File 'F:\allan\98\LC100.dat' created on 26.01.2017 10:41:28
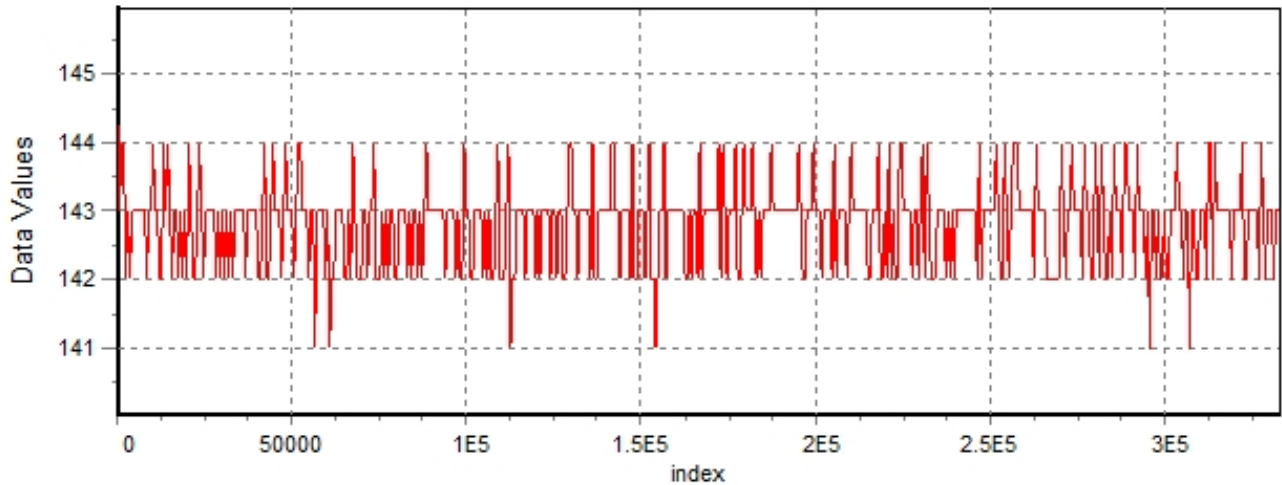Column # 1 was processed
Data length N = 332963 points.
    The mean Value of the processed data = 142.86
    The Stanadrd Deviation of the processed data = 0.613795
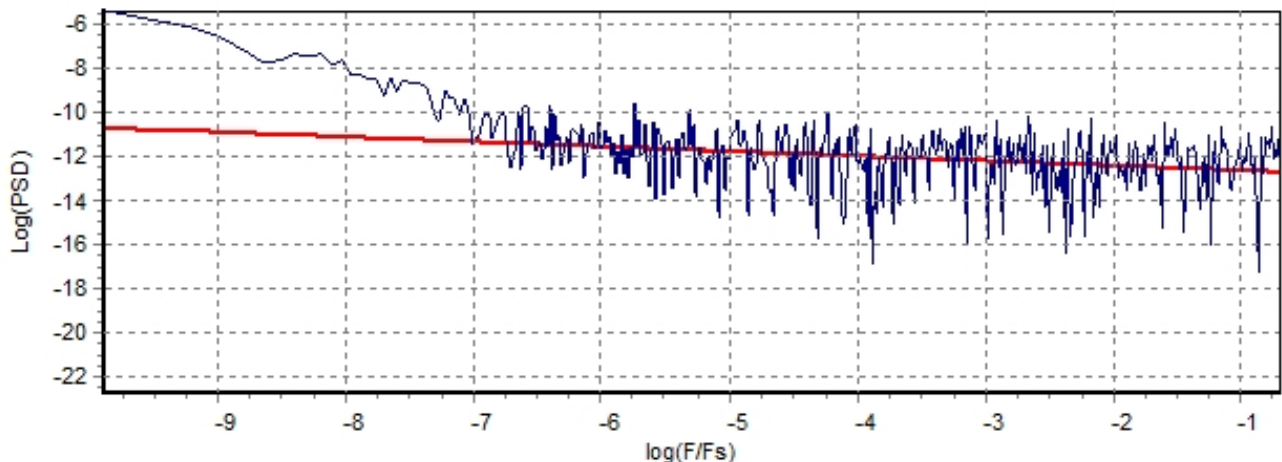
AlaVar 5.2
Data Values

Produced by AlaVar 5.2

Figure 1 : Processed Data

AlaVar 5.2
PSD of Data

Produced by AlaVar 5.2

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.170000 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 =0.306401

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.

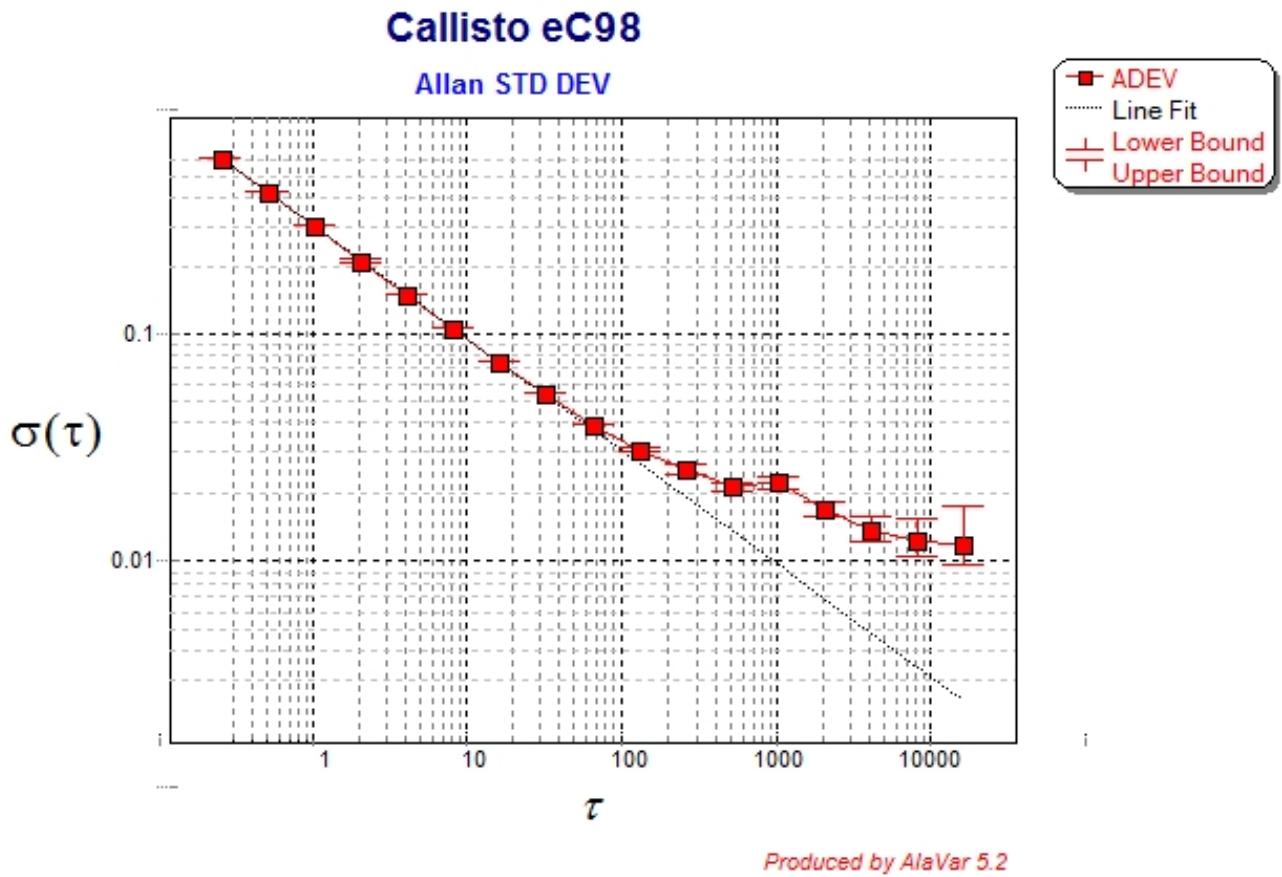| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.60933	0.60842	0.61025	0.60933	0.08795	0.60963
0.5	0.43017	0.42947	0.43087	0.34026	0.098224	0.4297
1	0.30532	0.30468	0.30595	0.22247	0.12844	0.30544
2	0.2157	0.21509	0.21632	0.1538	0.1776	0.21573
4	0.15218	0.15158	0.1528	0.10768	0.24867	0.15219
8	0.10746	0.10686	0.10807	0.075794	0.35008	0.10768
16	0.075681	0.075082	0.076295	0.053794	0.49692	0.075318
32	0.054798	0.054188	0.05543	0.039194	0.72412	0.054508
64	0.039708	0.039087	0.04036	0.028564	1.0554	0.03893
128	0.030667	0.029995	0.031387	0.022514	1.6638	0.028247
256	0.02571	0.024922	0.026576	0.017528	2.5907	0.020676
512	0.021446	0.020534	0.022493	0.015216	4.4979	0.015215
1024	0.022442	0.021123	0.024045	0.012917	7.6365	0.014022
2048	0.01677	0.015417	0.018556	0.0089878	10.627	0.010792
4096	0.013607	0.012112	0.015839	0.0087019	20.578	0.010165
8192	0.01231	0.010482	0.01562	0.0091973	43.5	0.011164
16384	0.011812	0.0094499	0.017811	0.0076737	72.588	0.0098675

Figure 3 : Allan Standard Deviation