AlaVar generated report

File 'C:\temp\Data\LC100EC108.dat' created on 11.04.2018 06:43:06
Column # 1 was processed
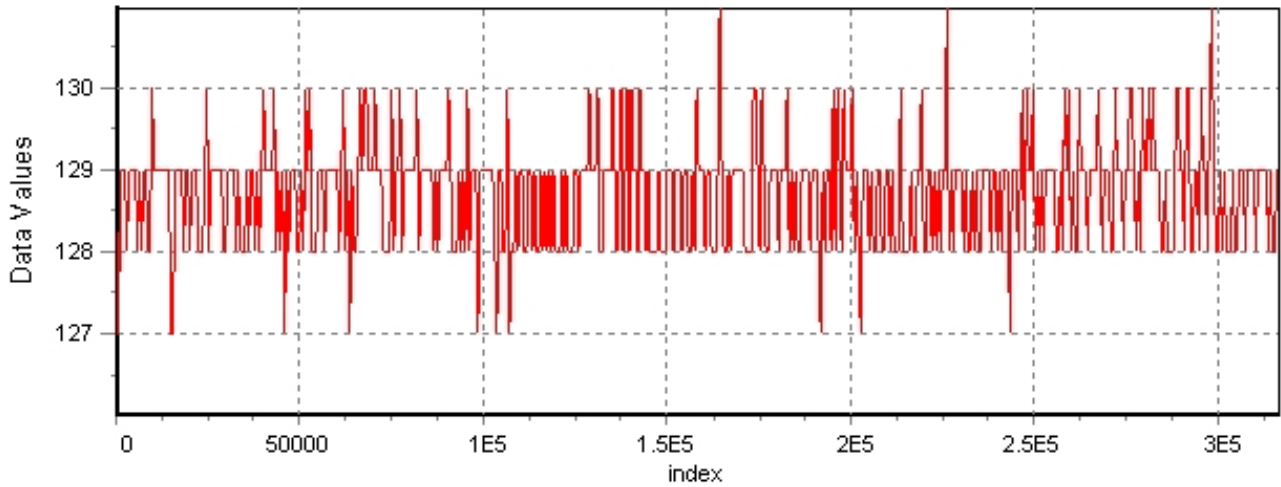Data length N = 316789 points.
   The mean Value of the processed data = 128.738
   The Stanadrd Deviation of the processed data = 0.65298

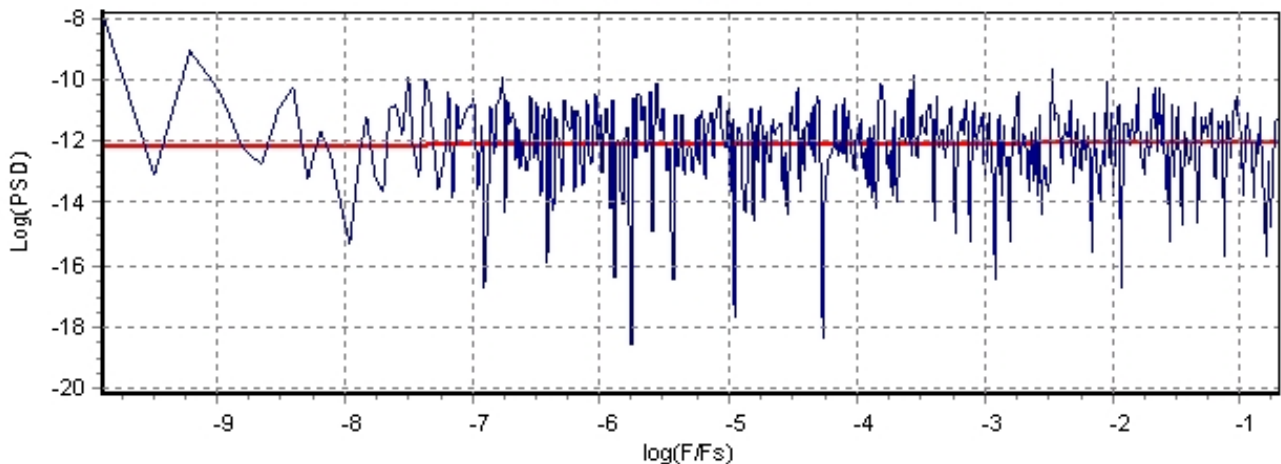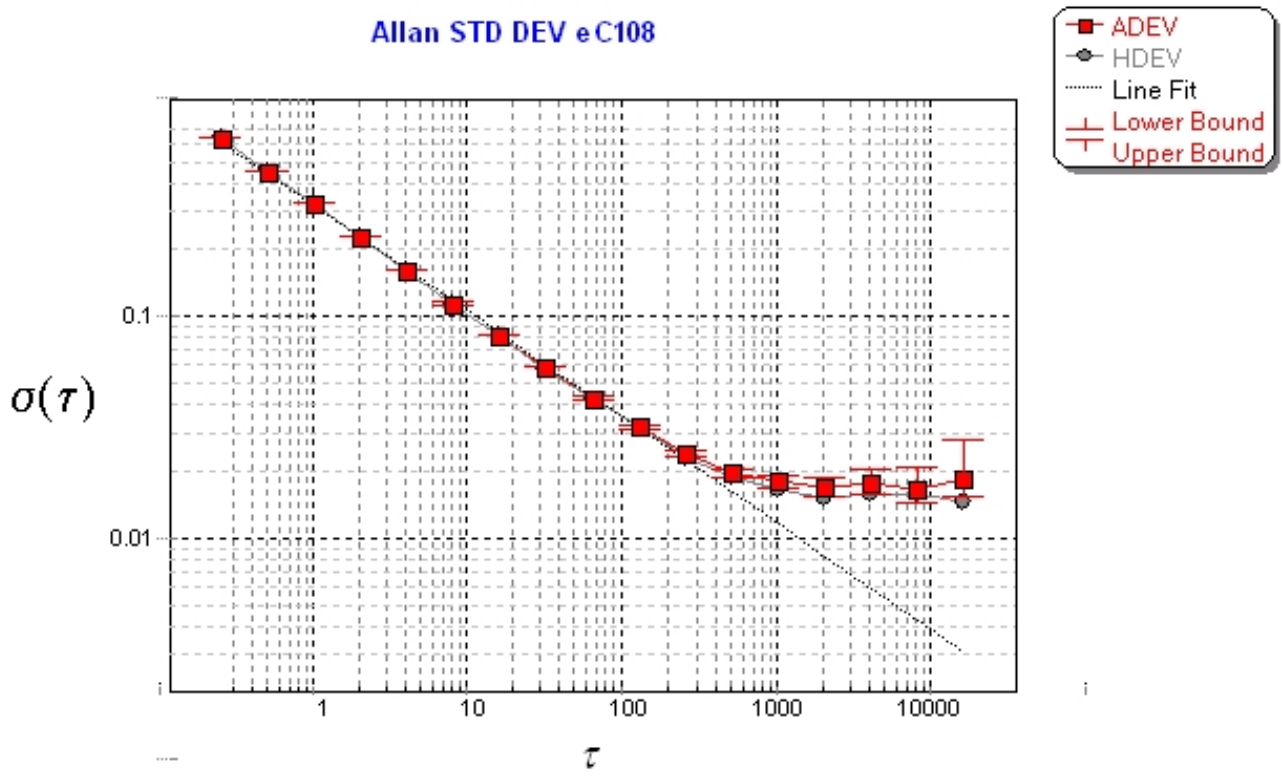**Figure 1 : Processed Data**

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.563000 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 =-0.480287
    The fit result is ADEV(tau=1) = Stability =0.323802

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	0.65086	0.64986	0.65187	0.65086	0.093944	0.65073
0.5	0.46075	0.45999	0.46152	0.36447	0.10521	0.4604
1	0.32716	0.32646	0.32786	0.23878	0.13786	0.32713
2	0.23129	0.23061	0.23197	0.16489	0.1904	0.23131
4	0.16359	0.16292	0.16427	0.11592	0.2677	0.1636
8	0.11554	0.11487	0.11622	0.081723	0.37746	0.11545
16	0.082027	0.081361	0.082709	0.058224	0.53785	0.081765
32	0.059047	0.058372	0.059745	0.042197	0.77961	0.058804
64	0.043044	0.042354	0.043769	0.03122	1.1536	0.042477
128	0.032122	0.0314	0.032895	0.023254	1.7185	0.031789
256	0.024193	0.023435	0.025031	0.017937	2.6511	0.023279
512	0.01994	0.019071	0.020939	0.01543	4.561	0.018786
1024	0.018133	0.017042	0.019465	0.014384	8.5042	0.016621
2048	0.016972	0.015572	0.018834	0.014046	16.609	0.015222
4096	0.017739	0.015747	0.020746	0.013727	32.463	0.015771
8192	0.016619	0.014097	0.021266	0.014081	66.601	0.015832
16384	0.018476	0.014702	0.028403	0.013539	128.07	0.01443

Figure 3 : Allan Standard Deviation