

AlaVar generated report

G:\ec63\ec63.dat

File 'G:\ec63\ec63.dat' created on 02.08.2012 10:16:42

Column # 1 was processed

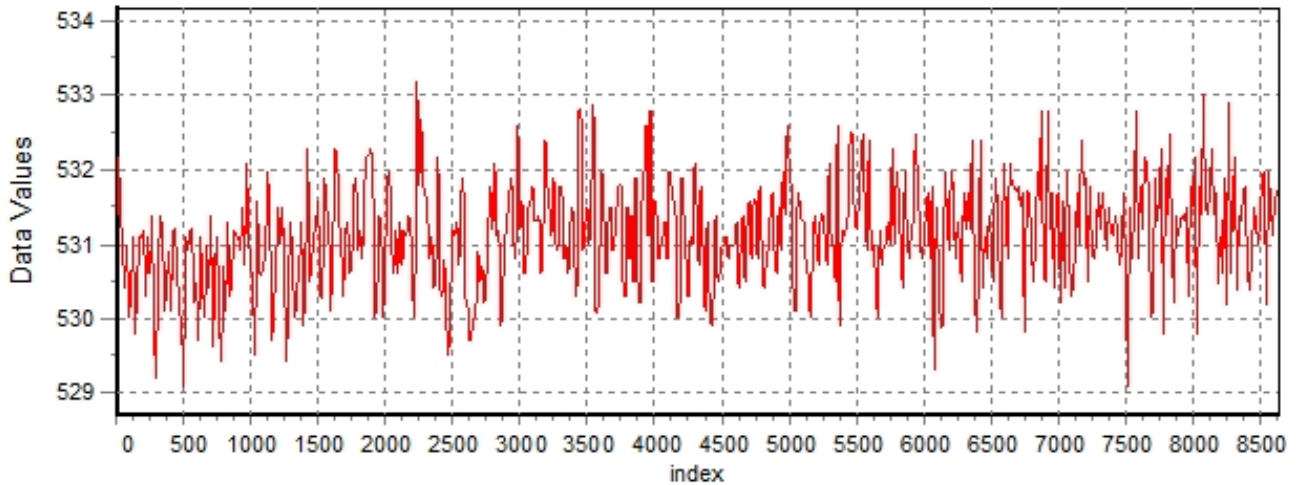
Data length N = 8641 points.

The mean Value of the processed data = 531.14

The Stanadrd Deviation of the processed data = 0.68422

AlaVar 5.2

Data Values

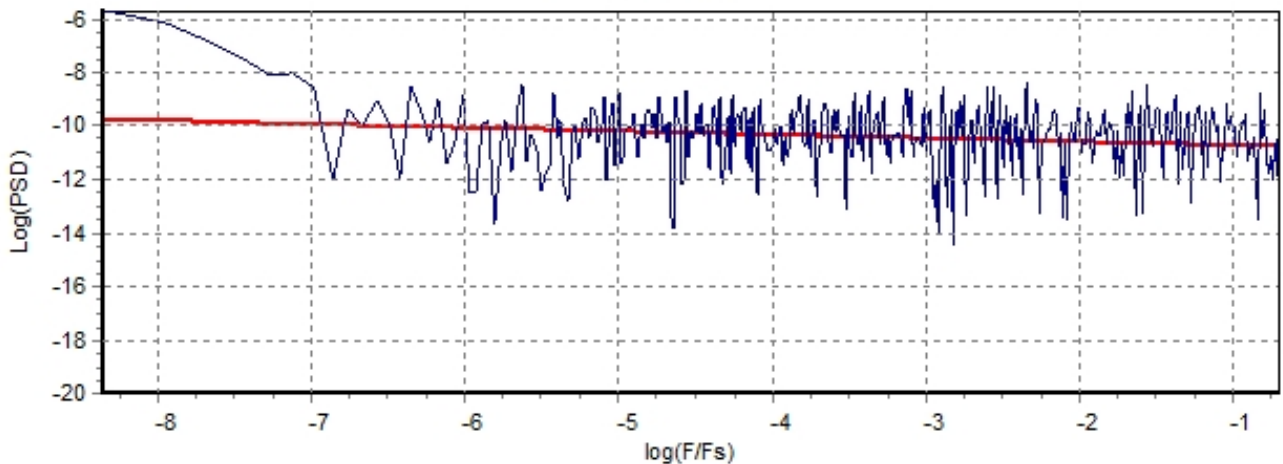


Produced by AlaVar 5.2

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 0.203000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0 seconds

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
10	0.67215	0.66597	0.67851	0.67215	3.8807	0.66987
20	0.48179	0.47701	0.48672	0.3804	4.3925	0.48537
40	0.33076	0.32657	0.33511	0.23935	5.5276	0.33201
80	0.23247	0.22845	0.23671	0.16677	7.7027	0.23111
160	0.16657	0.16256	0.17088	0.11784	10.886	0.16654
320	0.11788	0.11393	0.12227	0.083402	15.409	0.11777
640	0.083225	0.07936	0.087716	0.057783	21.351	0.084316
1280	0.056548	0.052925	0.061032	0.040057	29.602	0.056045
2560	0.04354	0.03972	0.048725	0.03226	47.681	0.04213
5120	0.038095	0.033555	0.045172	0.032443	95.903	0.024226
10240	0.053724	0.045081	0.070513	0.043313	256.07	0.021767
20480	0.069973	0.054819	0.11436	0.044683	528.34	0.046465

Allan Time variance Callisto eC63 (TCD)

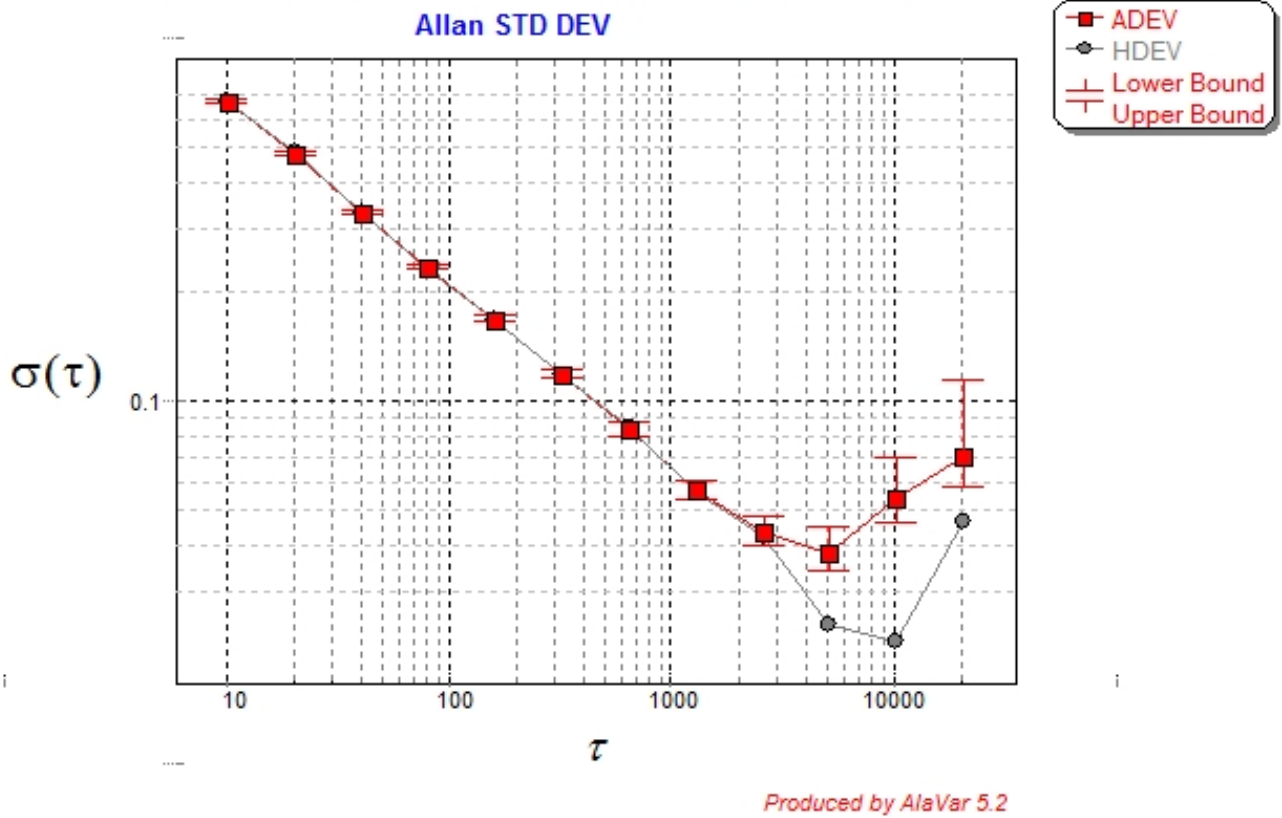


Figure 3 : Allan Standard Deviation