

AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 12.04.2026 18:55:02

Column # 1 was processed

Data length N = 14863 points.

The mean Value of the processed data = 112.228

The Stanadrd Deviation of the processed data = 2.8214

The number of removed outliers is 9

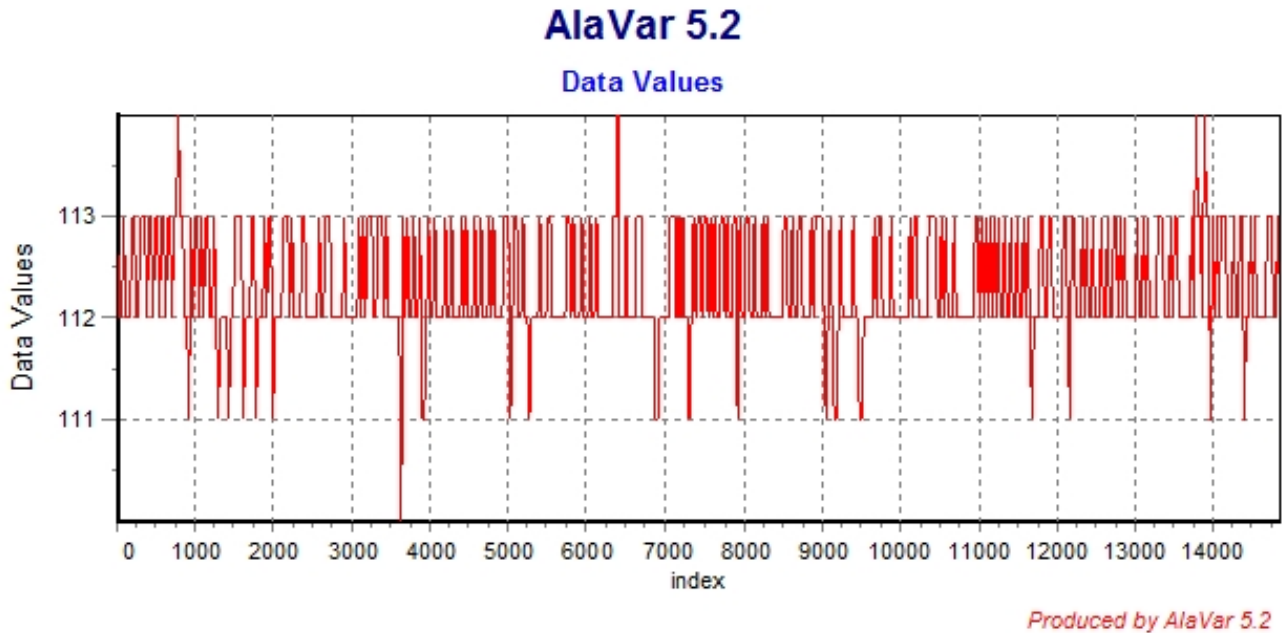


Figure 1 : Processed Data

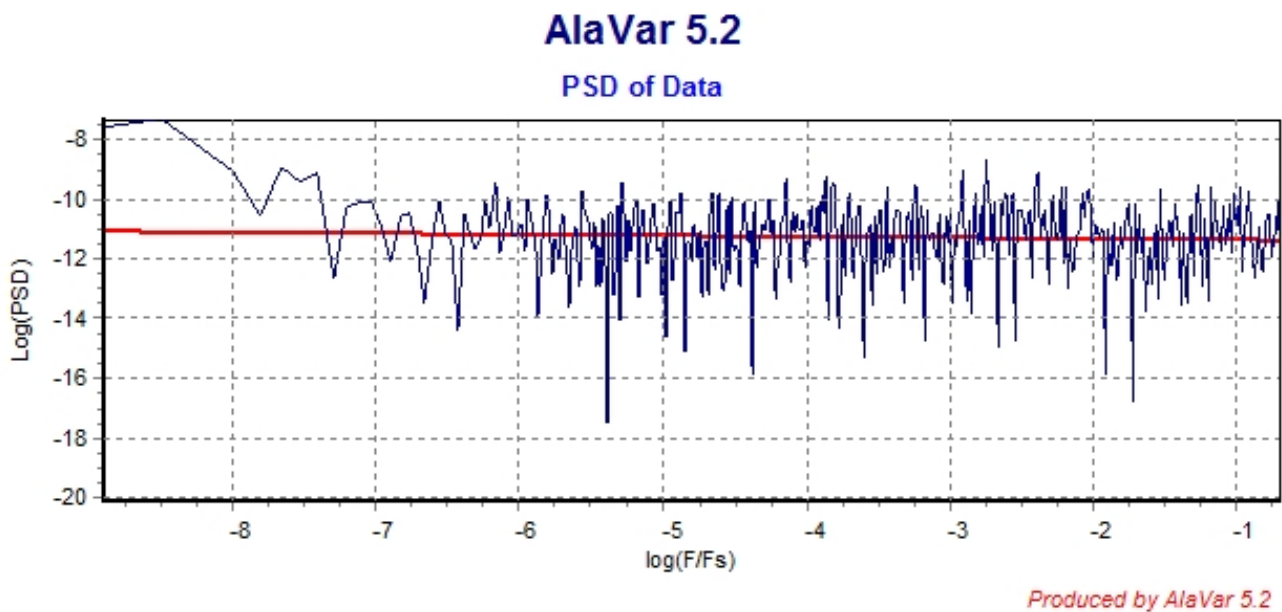


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.023000 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 =-0.509063
 The fit result is ADEV(tau=1) = Stability =0.28581

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 | 0.57072 | 0.56671 | 0.57483 | 0.57072 | 0.082377 | 0.57233 |
| 0.5 | 0.39778 | 0.39476 | 0.40087 | 0.31417 | 0.090693 | 0.39579 |
| 1 | 0.28847 | 0.28568 | 0.29136 | 0.21207 | 0.12244 | 0.28759 |
| 2 | 0.20577 | 0.20304 | 0.20861 | 0.14673 | 0.16943 | 0.20623 |
| 4 | 0.14455 | 0.14188 | 0.14738 | 0.10251 | 0.23675 | 0.14478 |
| 8 | 0.10072 | 0.098123 | 0.10354 | 0.07019 | 0.32419 | 0.10169 |
| 16 | 0.068701 | 0.06623 | 0.07147 | 0.047979 | 0.44321 | 0.06929 |
| 32 | 0.047867 | 0.045481 | 0.050672 | 0.034098 | 0.62997 | 0.047511 |
| 64 | 0.03499 | 0.032588 | 0.038016 | 0.024779 | 0.91558 | 0.034859 |
| 128 | 0.026829 | 0.024311 | 0.030336 | 0.020368 | 1.5052 | 0.024726 |
| 256 | 0.025184 | 0.021978 | 0.030381 | 0.020368 | 3.0105 | 0.018814 |
| 512 | 0.032483 | 0.026906 | 0.044061 | 0.021793 | 6.4421 | 0.021126 |
| 1024 | 0.023273 | 0.017895 | 0.041523 | 0.010214 | 6.0384 | 0.013519 |

CALLISTO eC211, 2026-04-12

Allan STD DEV

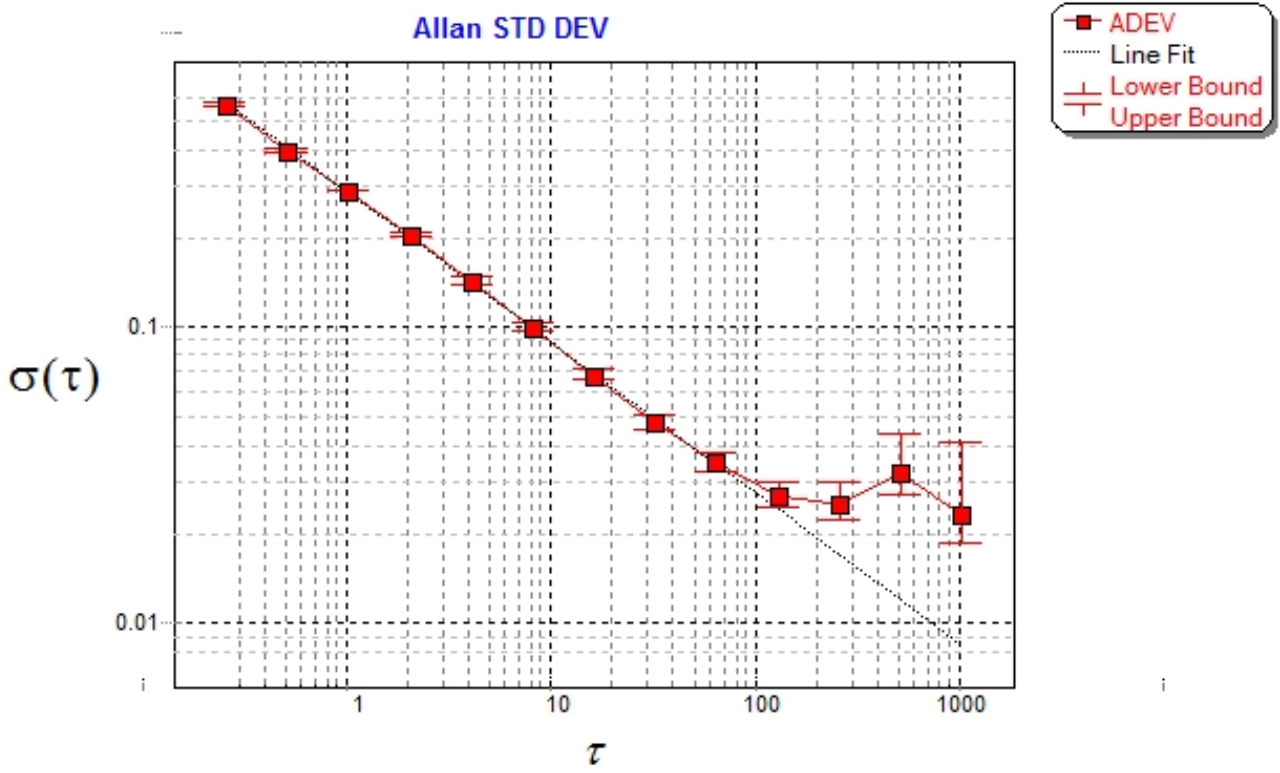


Figure 3 : Allan Standard Deviation