

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 999 - L2 Version 4
Chandra X-Ray Center

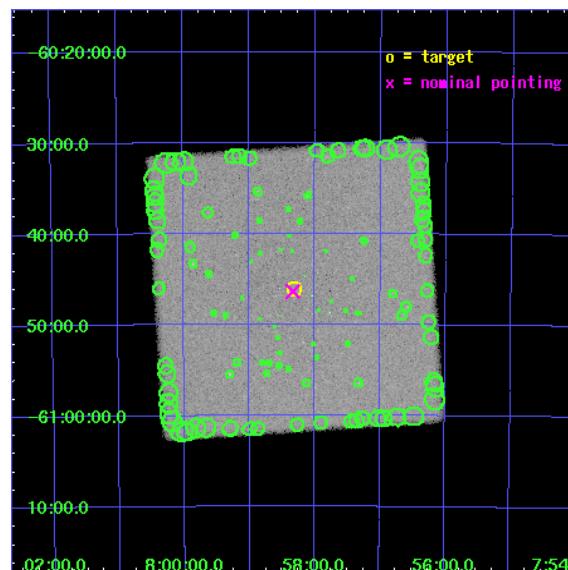
L2 Processing Date : Nov 21 2007

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1 Front

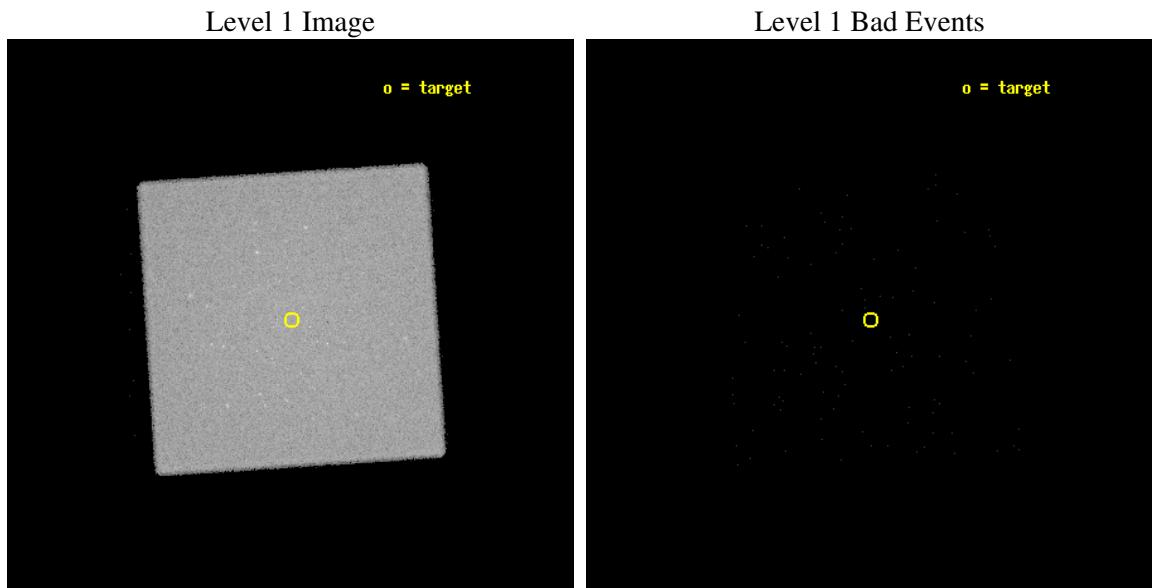
seq_num	290080
obs_id	999
title	HRC-I CALIBRATION OBSERVATION OF NGC2516
observer	Dr. CXC Calibration
object	NGC2516
ra_targ	119.580417
dec_targ	-60.768194
ra_nom	119.58323810364
dec_nom	-60.772367358702
roll_nom	311.29405850532
revision	4
ontime	18178.631952465
livetime	18080.755048149
l2events	548294



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T09:25:32
revision	4

sched_exp_time	18000.000000
ontime	18178.631952465
l1events	838162

2.1.3 Events

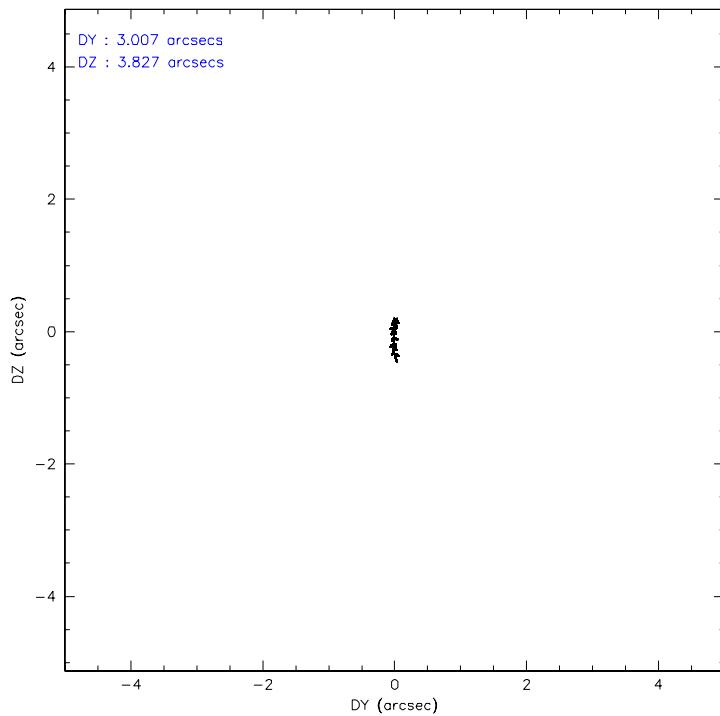
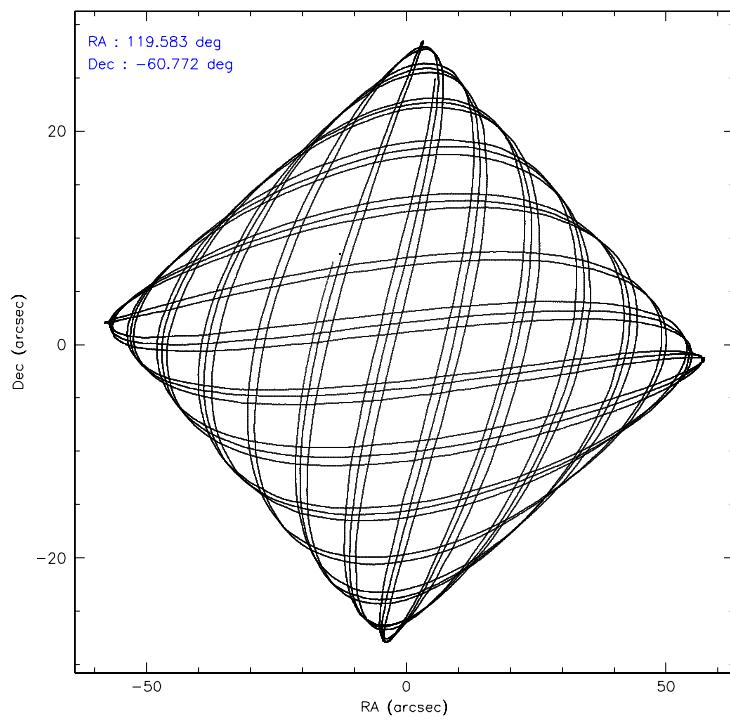
Level 1 Events

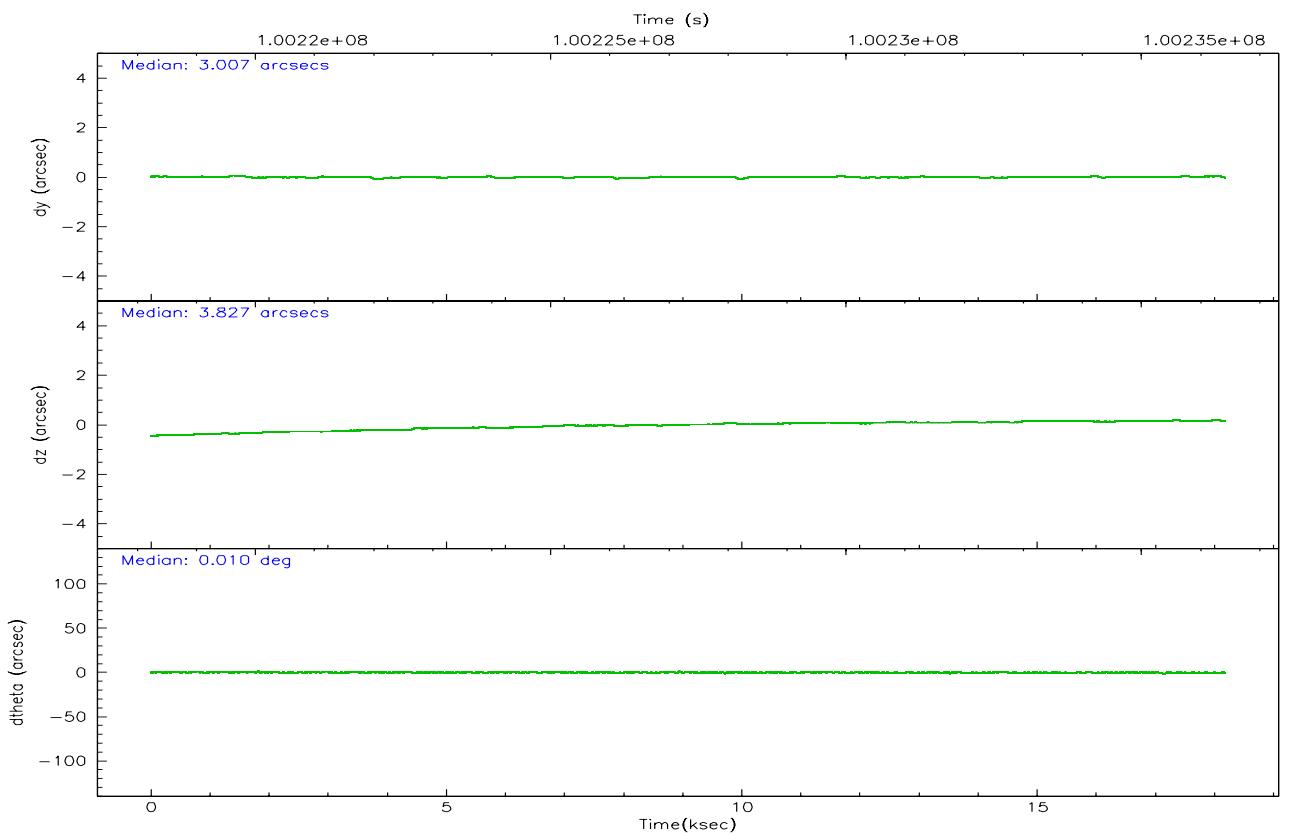
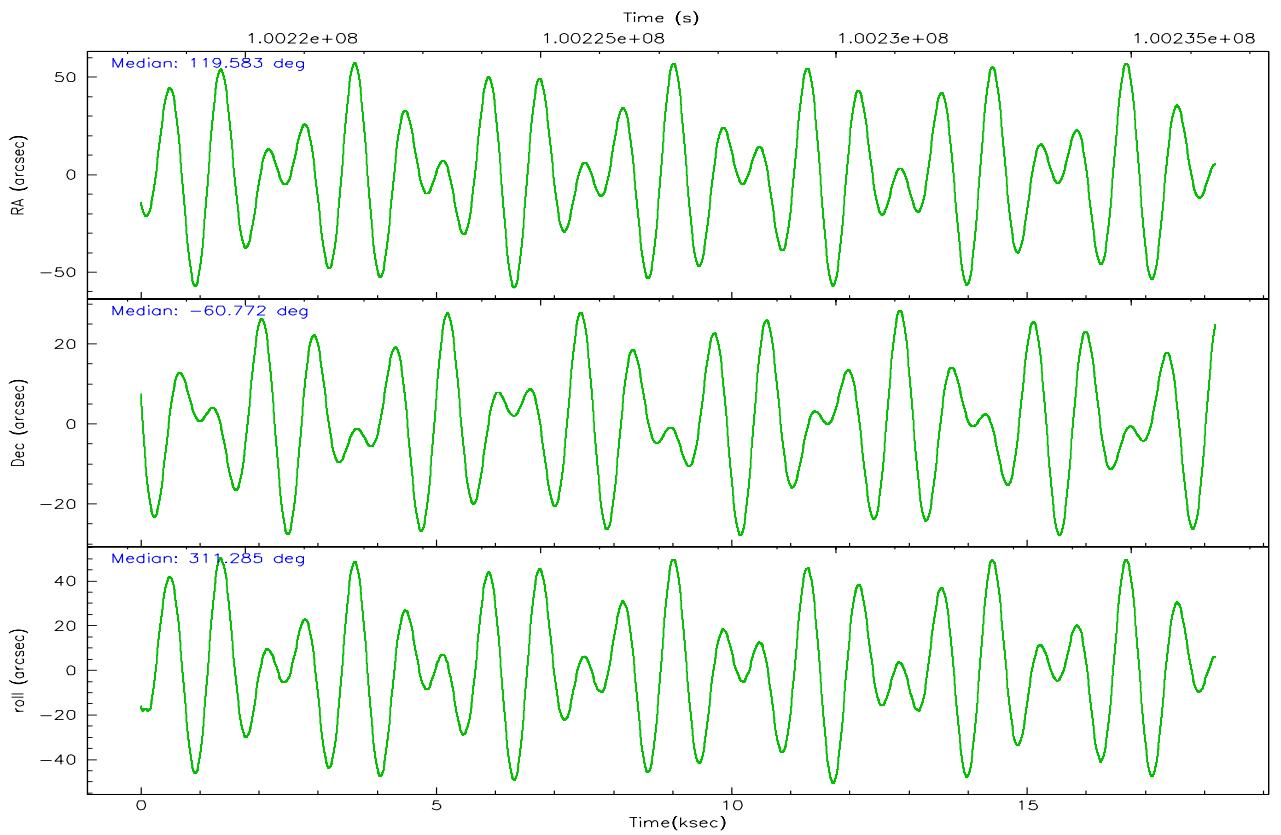
	segment 0
level 1 events	838162
rejected events	42560
rejected %	5%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	119.530173	119.583238103639			
Pointing Dec	-60.764042	-60.77236735870159			
Pointing Roll	311.343242	311.2940585053172			
Window start time	97372864.184000	97372864.184000			
Window stop time	102124864.184000	102124864.184000			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9804656746847			
SIM translation stage offset (mm)	0	0.005023216916882234			
Observation start time	100218416.184000	100217150.65133			
Observation start date	2001-03-05T22:25:52	2001-03-05T22:05:50			
Observation end time	100236416.184000	100237219.12711			
Observation end date	2001-03-06T03:25:52	2001-03-06T03:40:19			

2.3 Aspect



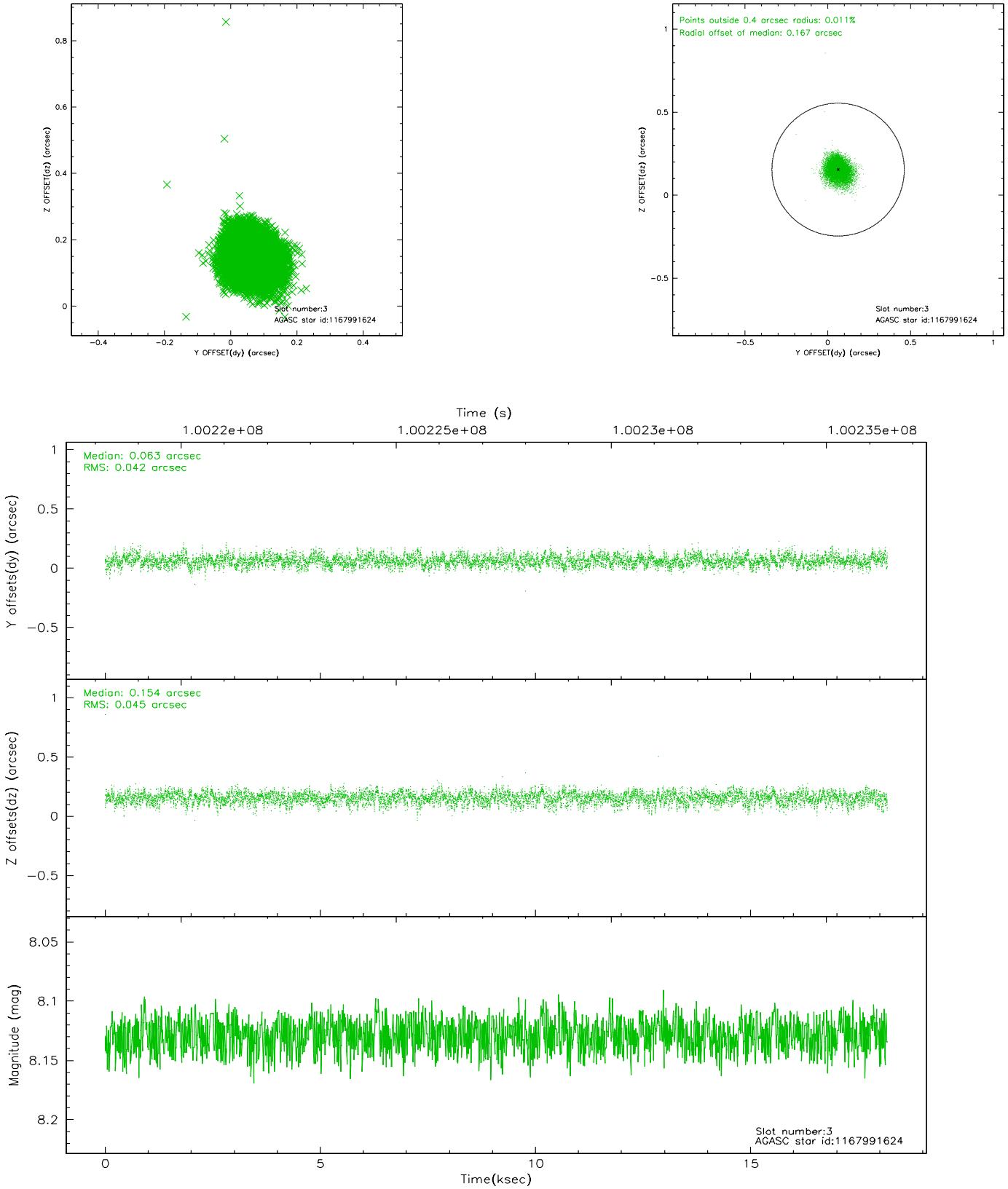


Slot Statistics

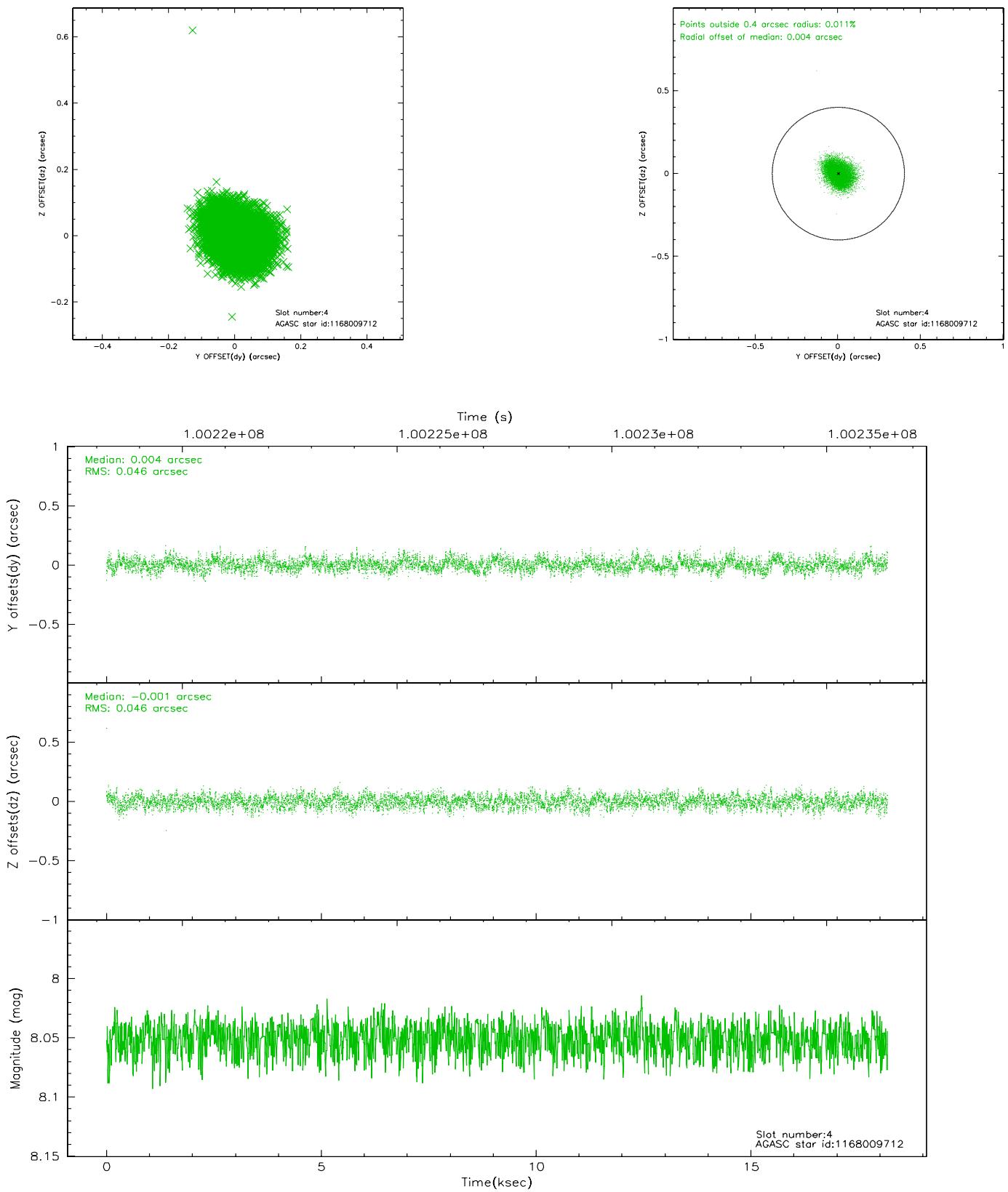
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	4433	0.065	0.054	0.009	0.015	0.000000	0.000000	-758.45	-1291.42
1	FID	HRC-I-3	7.04	4433	0.007	-0.072	0.010	0.019	0.000000	0.000000	-1187.11	1012.74
2	FID	HRC-I-4	6.99	4435	0.041	-0.071	0.007	0.011	0.000000	0.000000	1284.11	1010.80
3	GUIDE	1167991624	8.13	8864	0.063	0.154	0.065	0.105	119.338035	-60.767508	-213.44	-262.12
4	GUIDE	1168009712	8.05	8867	0.004	-0.001	0.070	0.110	119.512143	-60.614801	-424.63	330.84
5	GUIDE	1167986712	8.44	8866	-0.032	-0.055	0.060	0.098	119.099343	-60.382718	-1535.37	329.37
6	GUIDE	1167996384	8.57	8870	-0.010	0.041	0.074	0.117	118.960902	-61.169202	445.40	-1708.18
7	GUIDE	1169702696	8.74	8868	-0.020	-0.133	0.087	0.134	120.944763	-60.544109	1079.46	2385.00

2.4 Star Slots

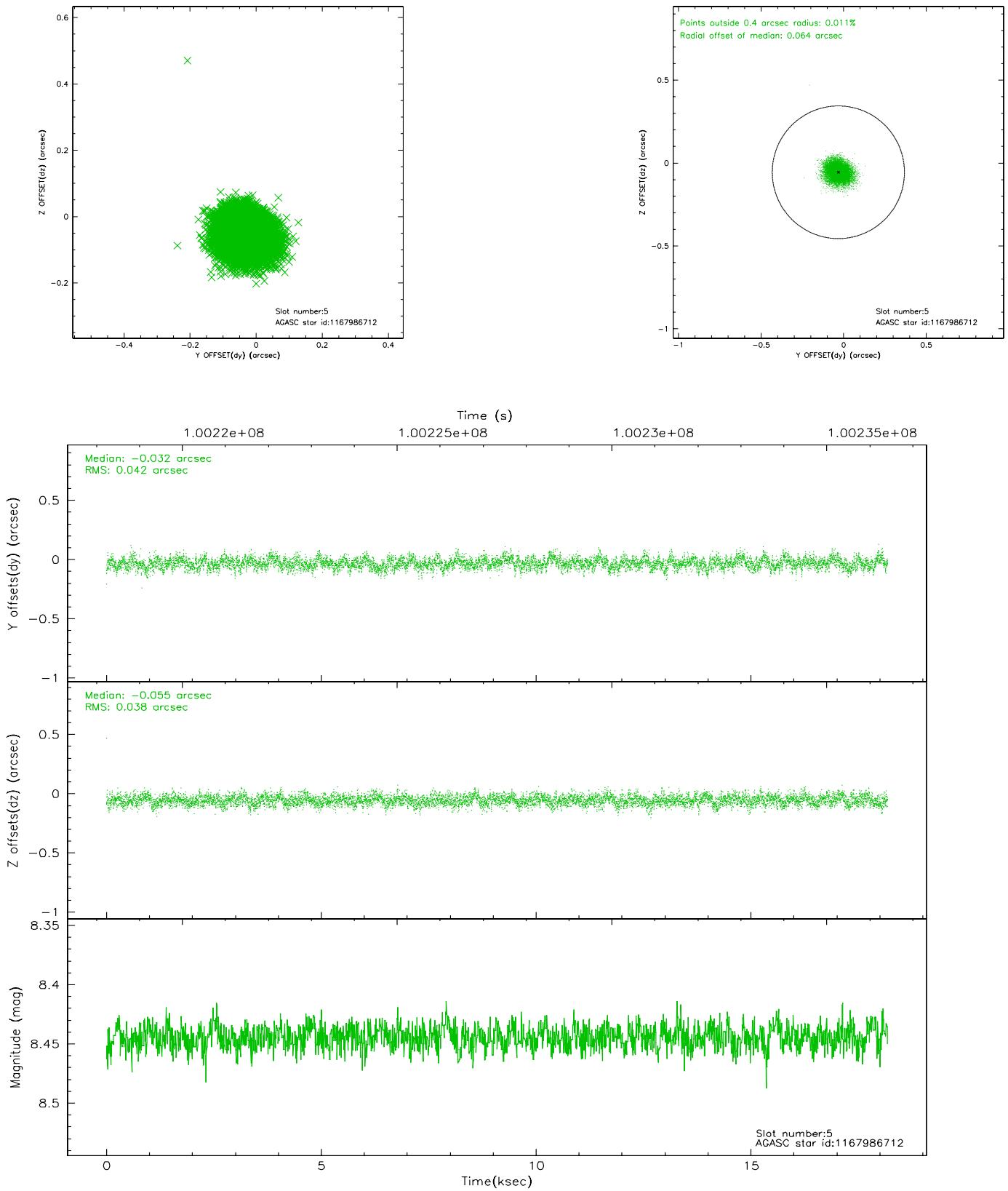
2.4.1 Slot 3



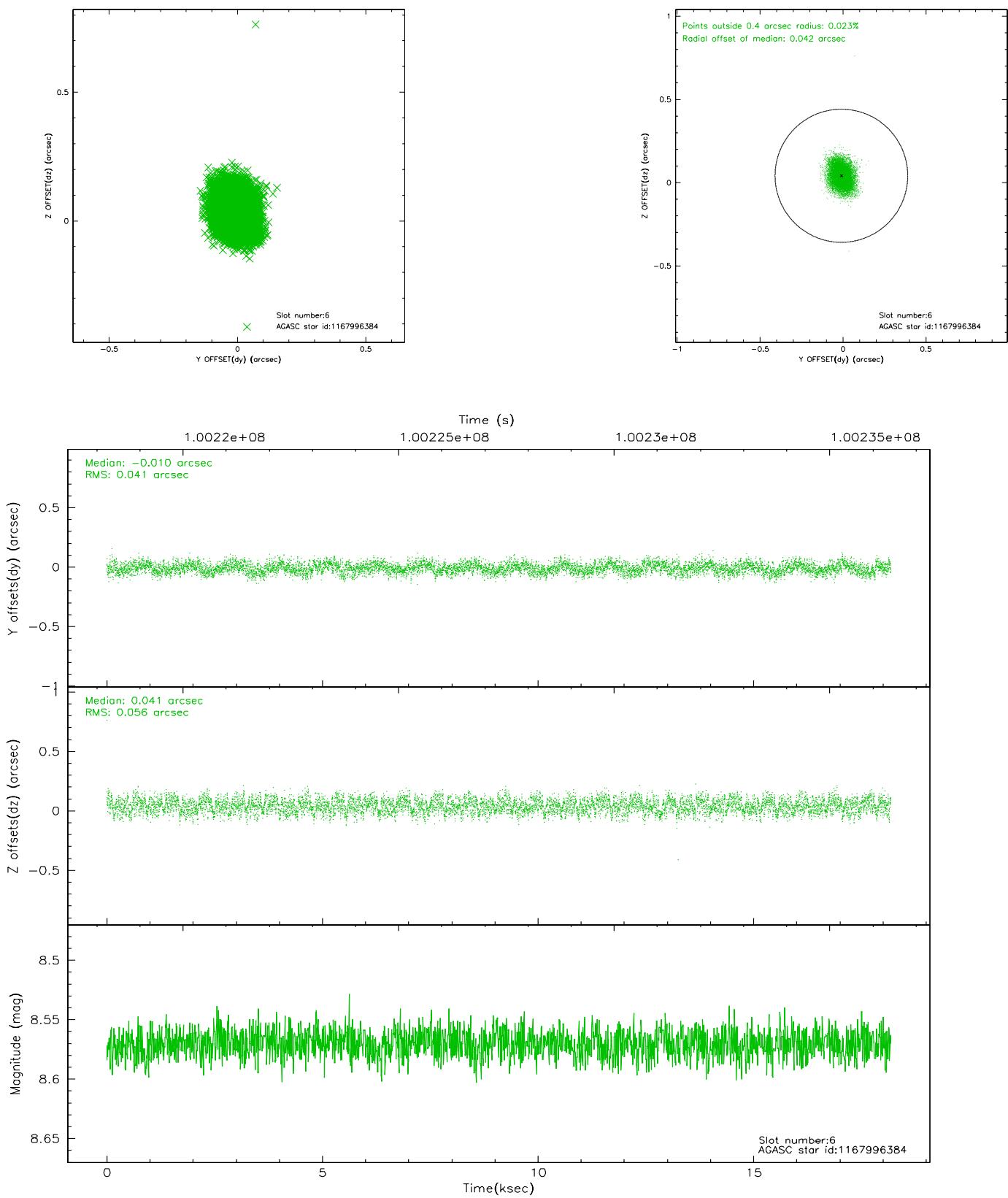
2.4.2 Slot 4



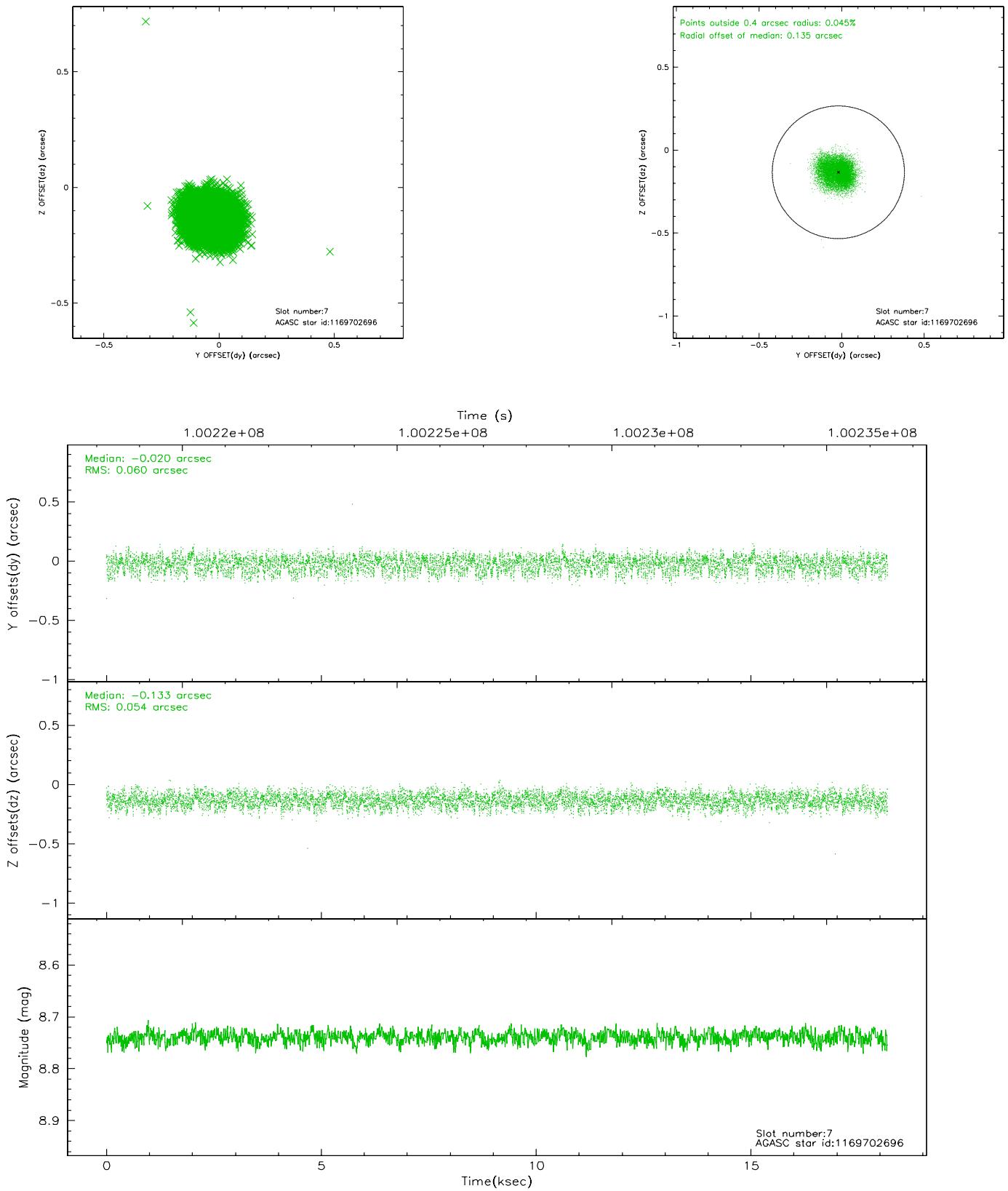
2.4.3 Slot 5



2.4.4 Slot 6

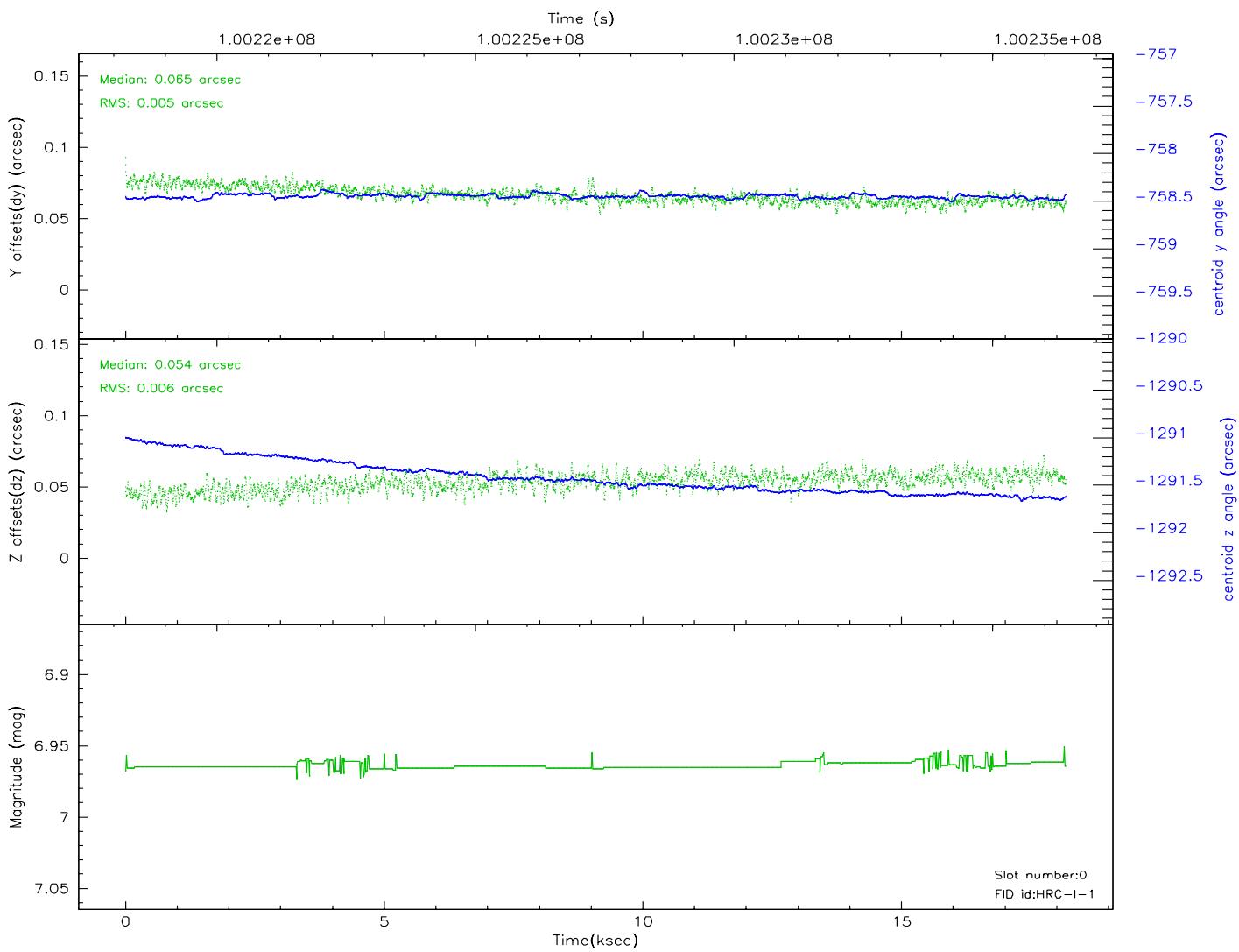
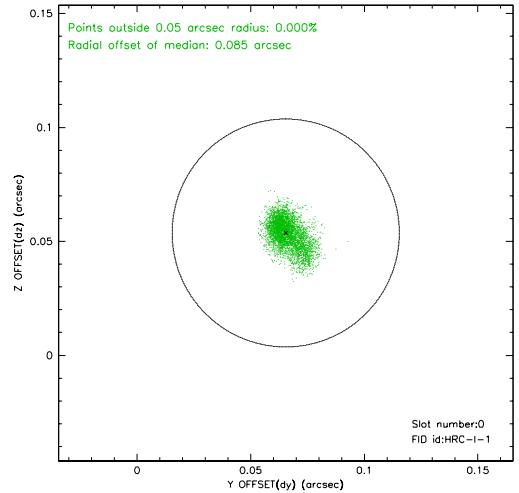
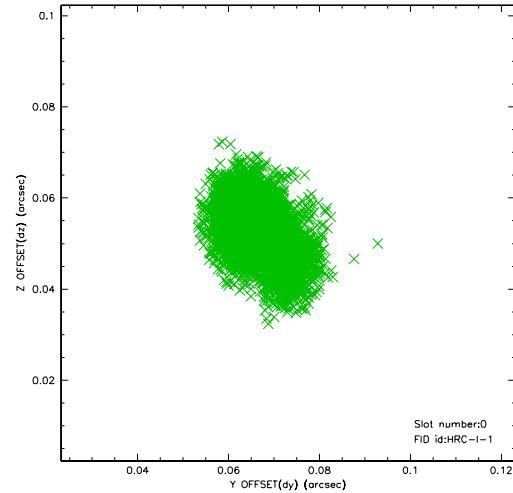


2.4.5 Slot 7

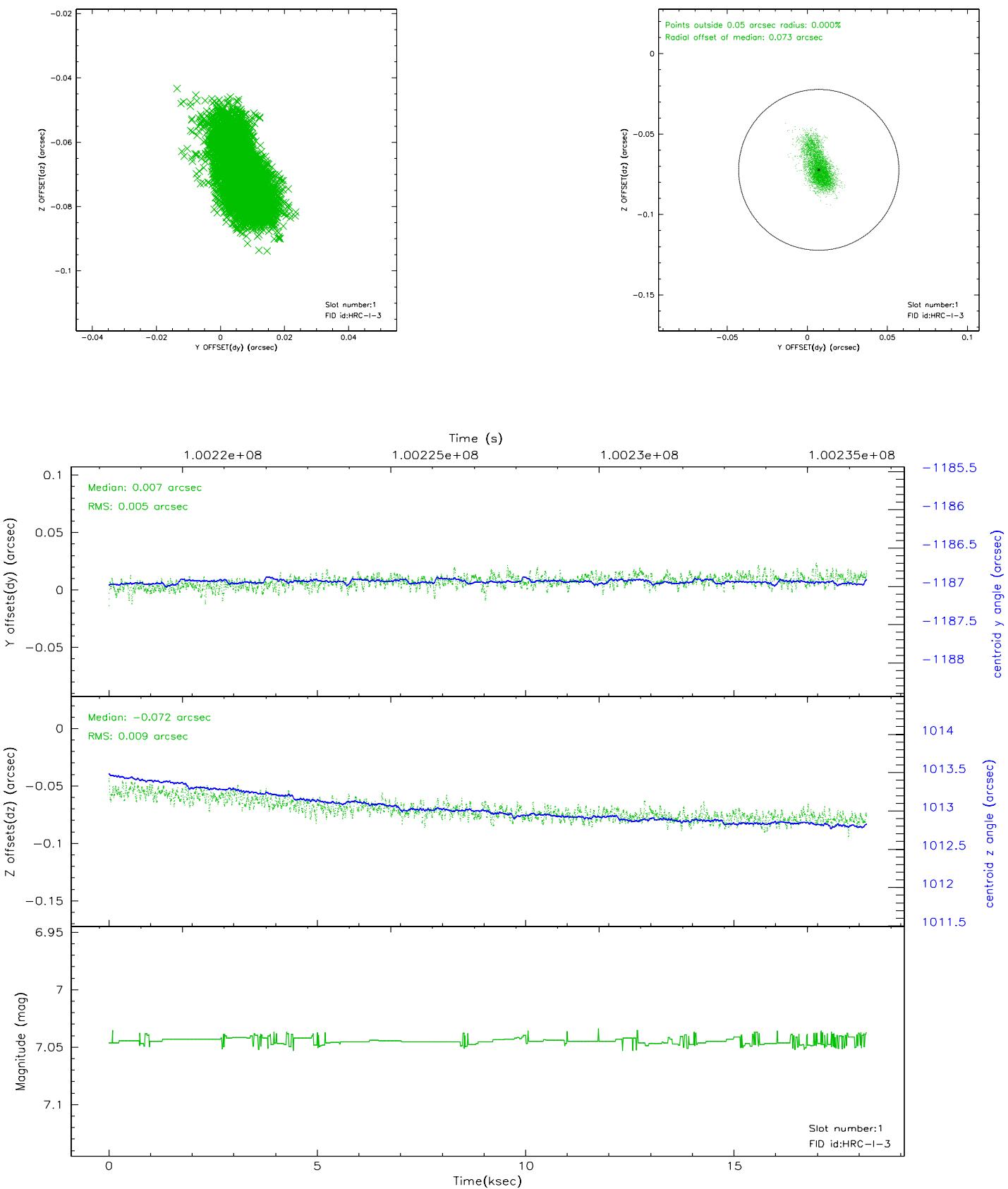


2.5 FID Slots

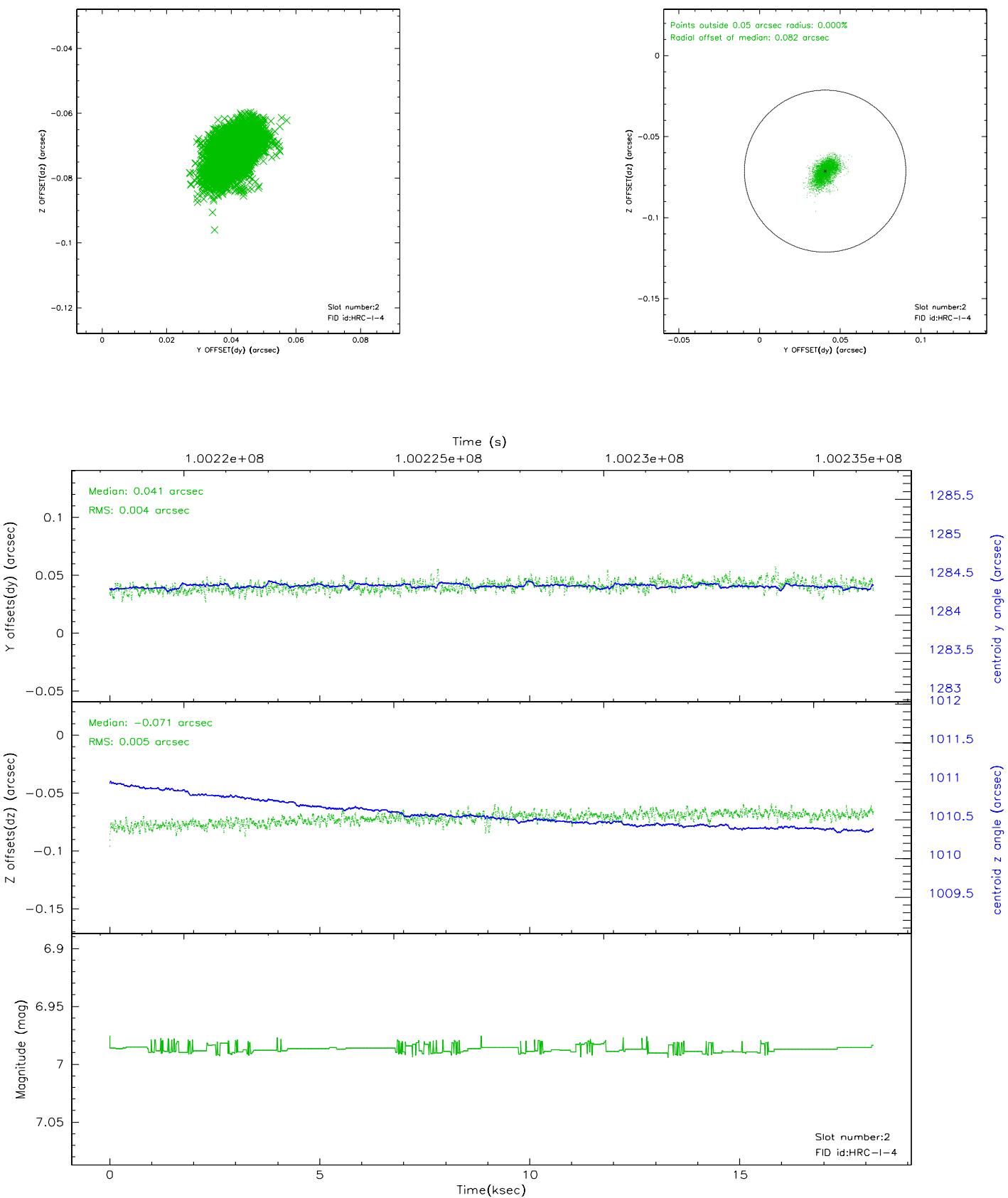
2.5.1 Slot 0



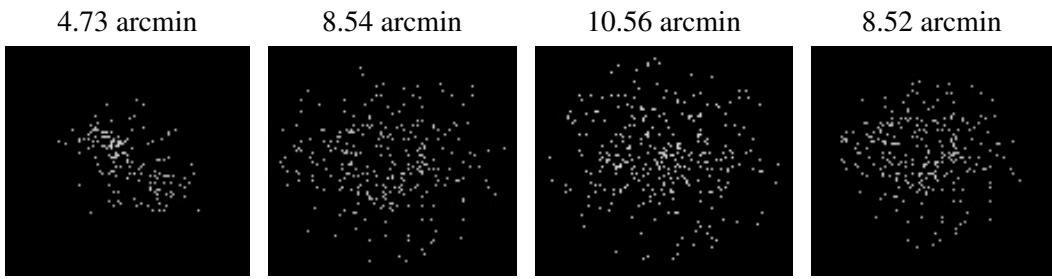
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.172

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at:

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.