

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6202 - L2 Version 3
Chandra X-Ray Center

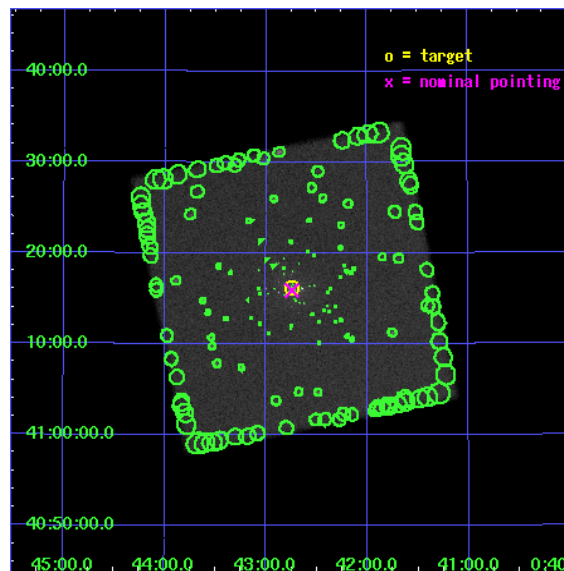
L2 Processing Date : Nov 24 2007

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1 Front

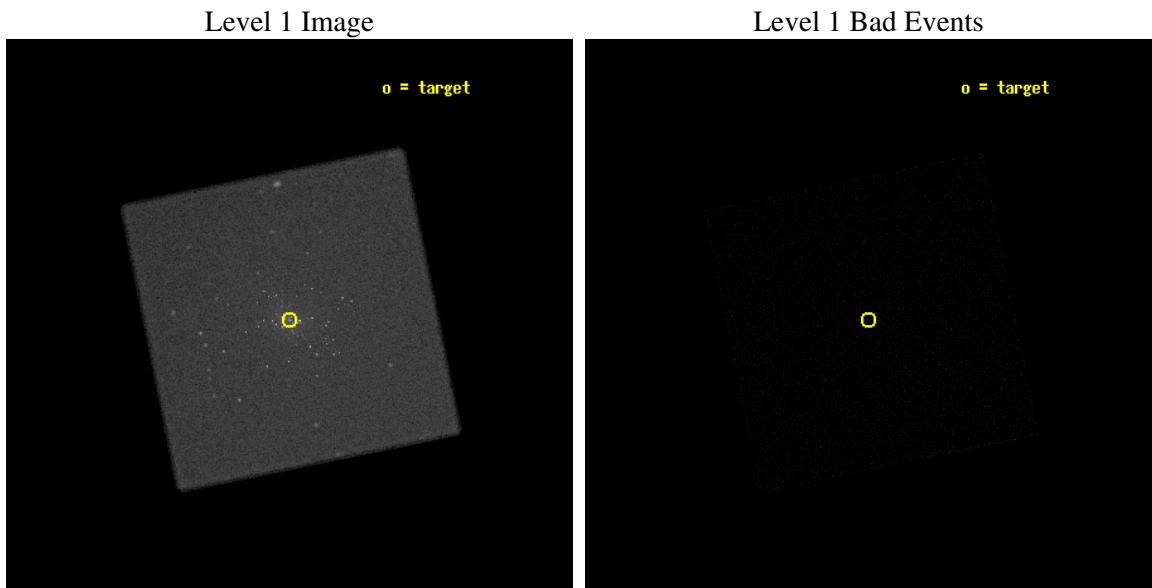
seq_num	600446
obs_id	6202
title	M31* - The Nearest Extra-galactic SuperMassive Black Hole
observer	Dr Michael Garcia
object	M31*
ra_targ	10.685
dec_targ	41.268972
ra_nom	10.686009527959
dec_nom	41.264982875713
roll_nom	303.50384826911
revision	3
ontime	18170.432071477
livetime	18045.83951941
l2events	702802



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	2007-11-24T06:03:02
revision	3

sched_exp_time	18000.000000
ontime	18170.432071477
l1events	1117660

2.1.3 Events

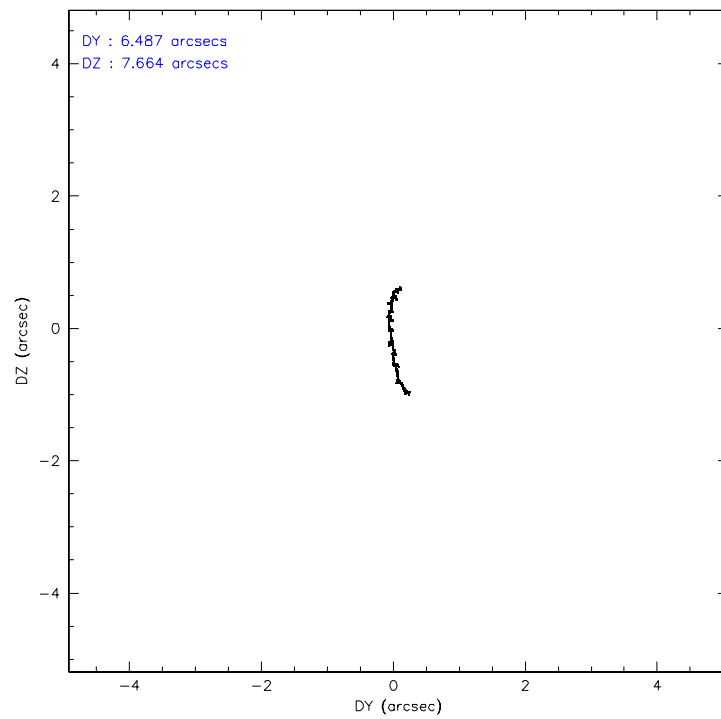
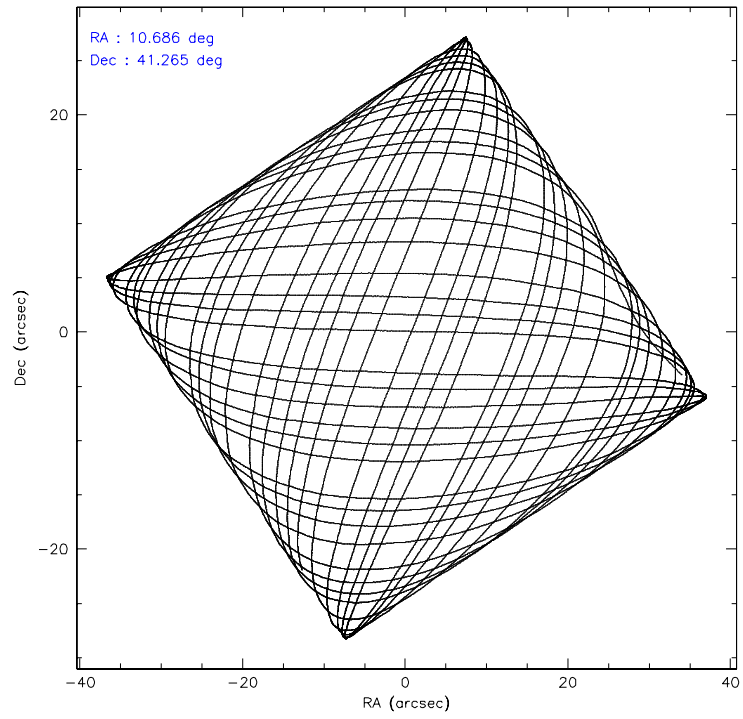
Level 1 Events

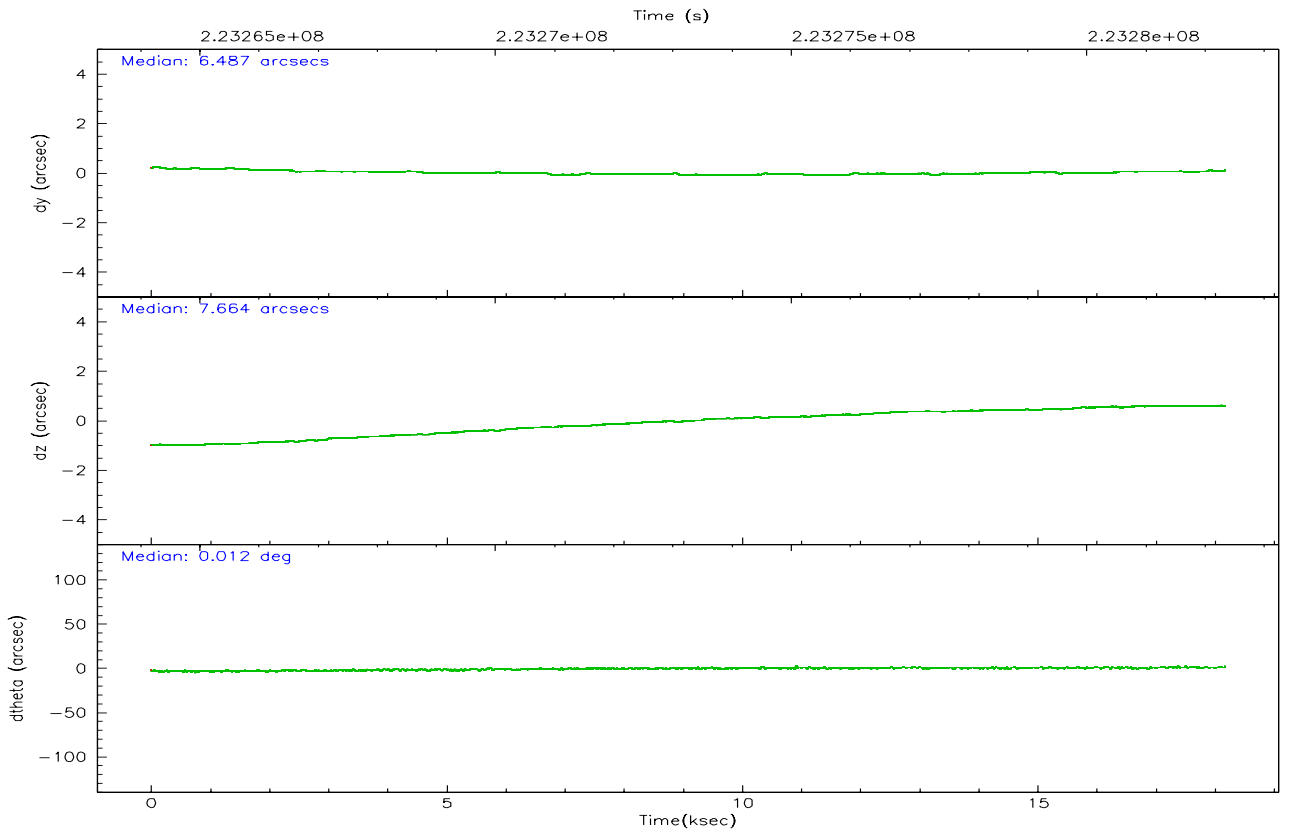
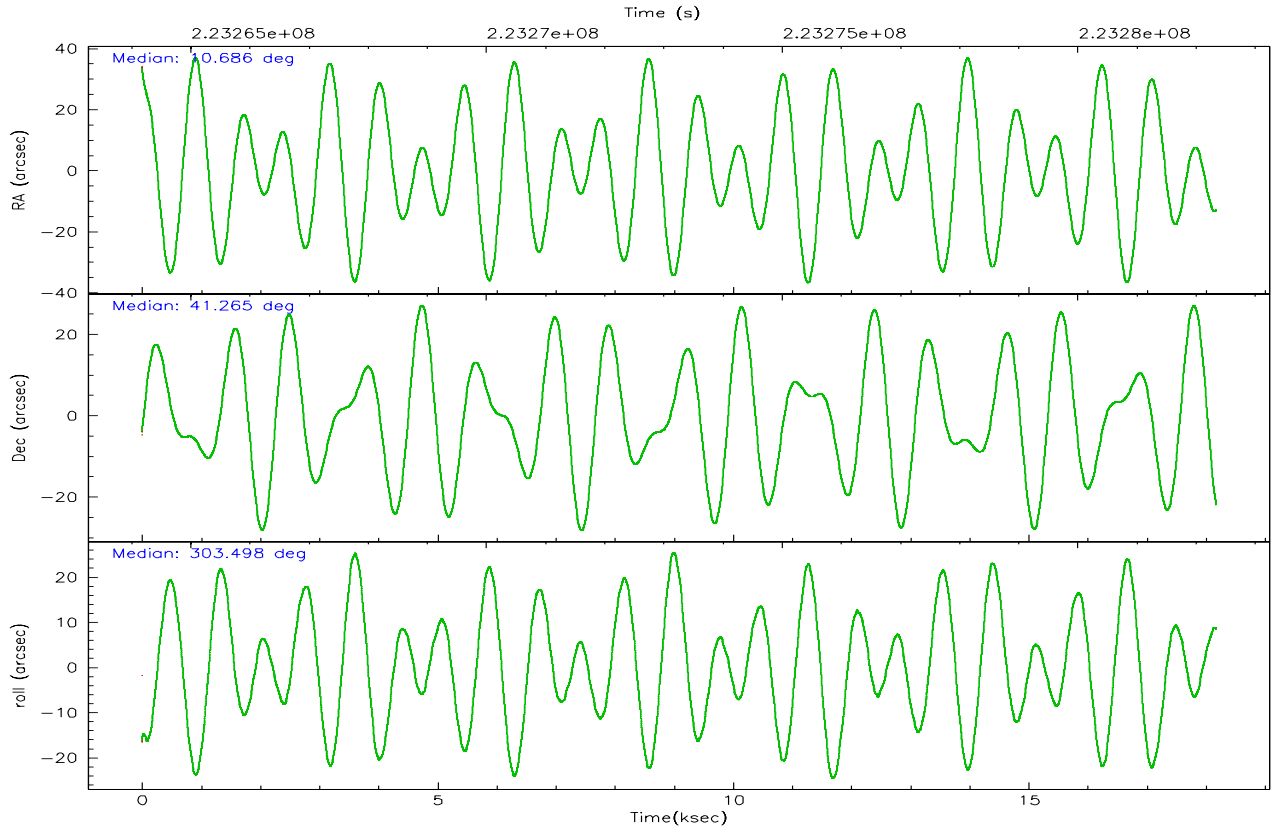
	segment 0
level 1 events	1117660
rejected events	97823
rejected %	8%

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	10.653396	10.68600952795904			
Pointing Dec	41.276393	41.26498287571345			
Pointing Roll	303.620850	303.5038482691109			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	223264340.184000	223263167.55497			
Observation start date	2005-01-28T01:51:16	2005-01-28T01:32:47			
Observation end time	223282340.184000	223283164.28087			
Observation end date	2005-01-28T06:51:16	2005-01-28T07:06:04			

2.3 Aspect



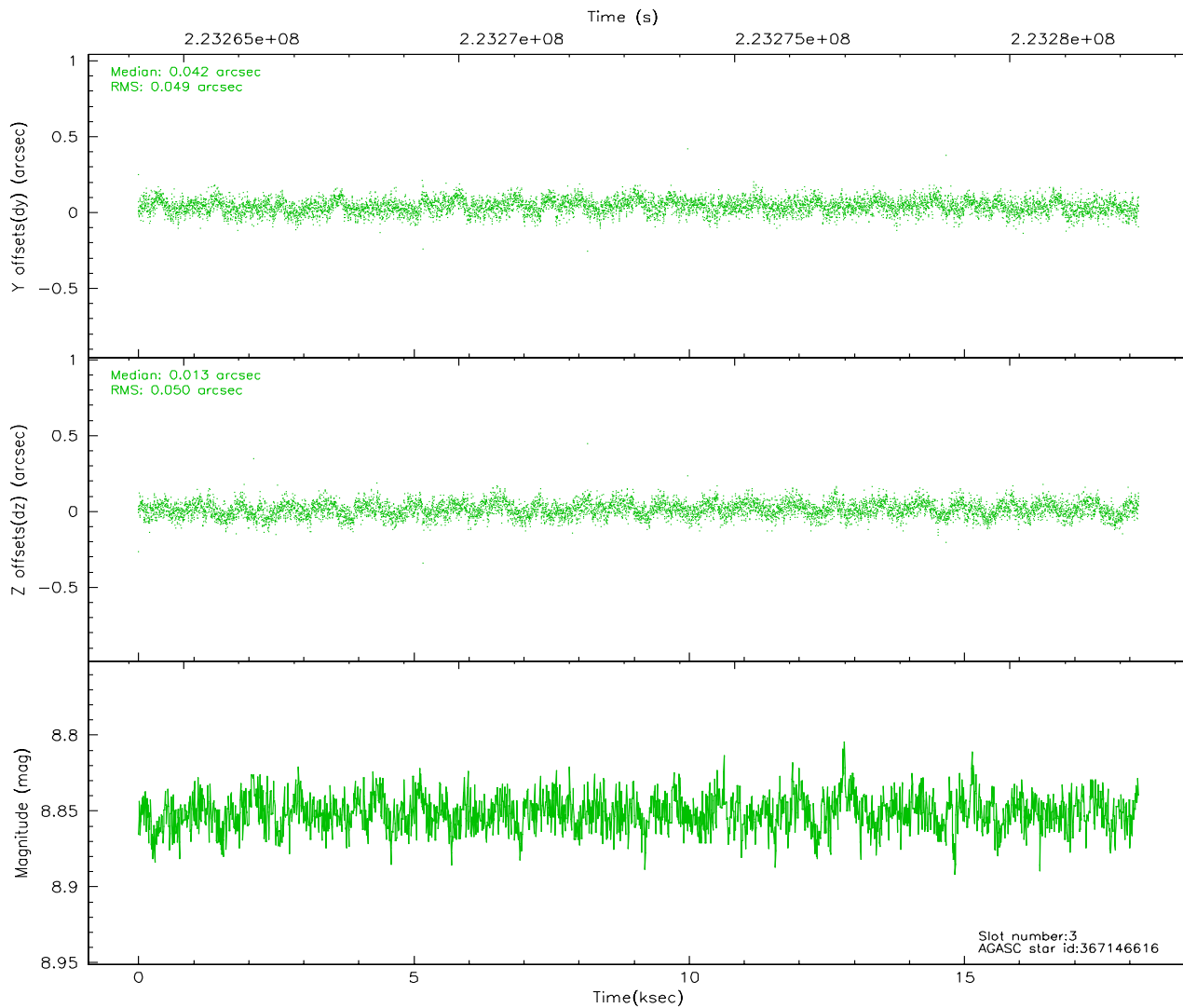
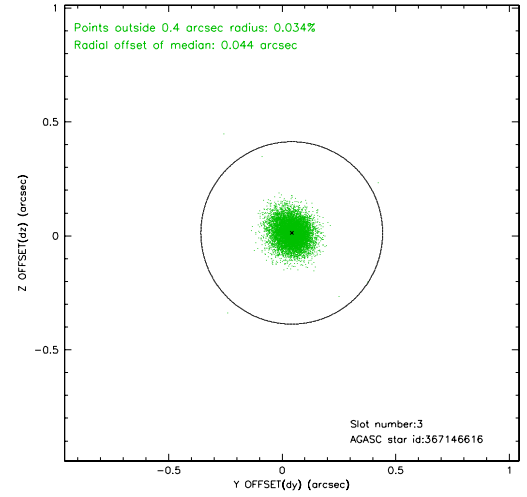
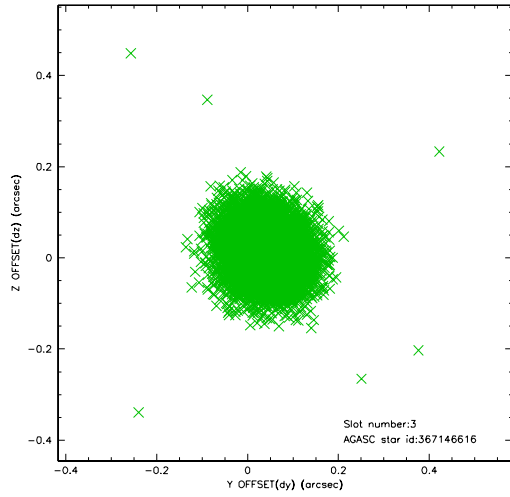


Slot Statistics

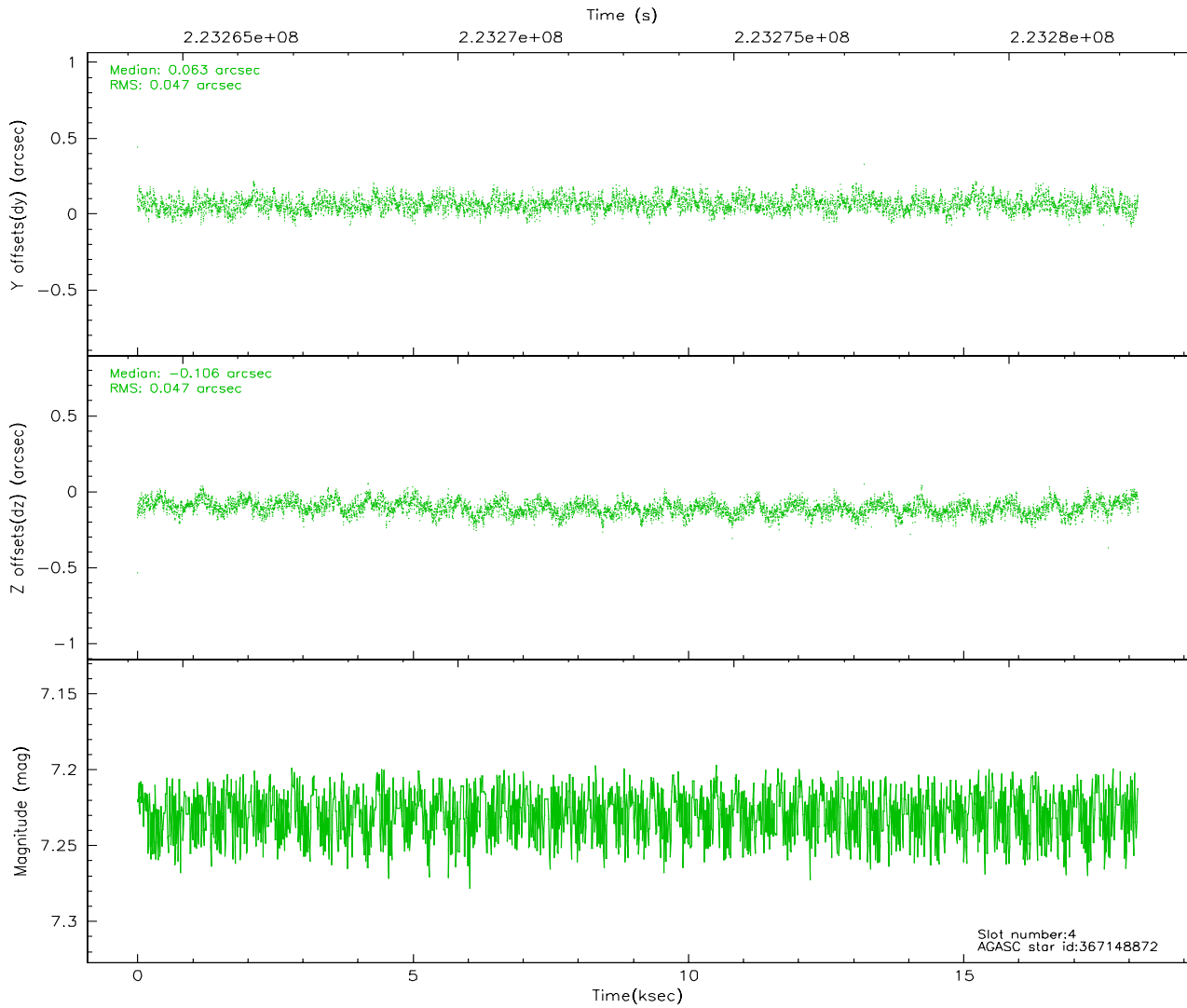
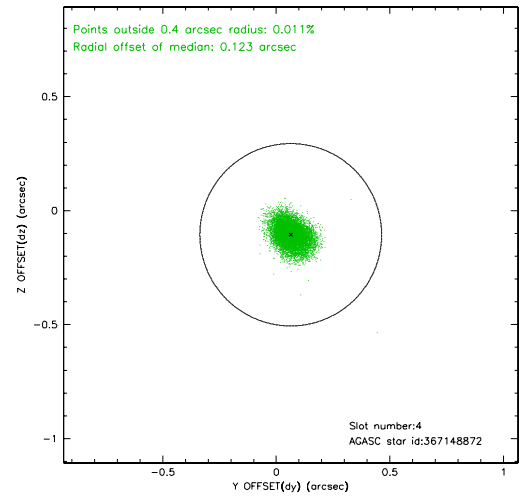
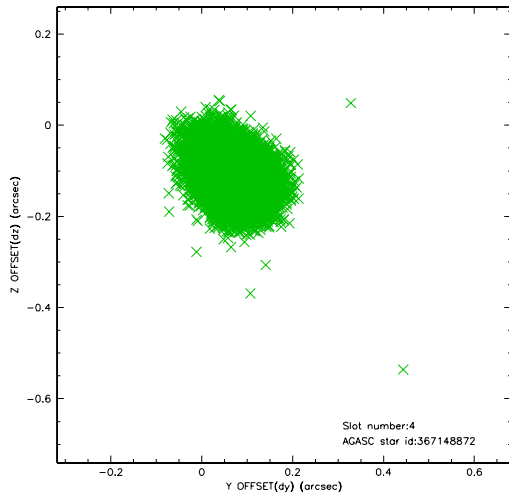
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	4433	-0.019	-0.027	0.018	0.032	0.000000	0.000000	-762.19	-1295.47
1	FID	HRC-I-2	7.06	4433	0.095	-0.083	0.020	0.045	0.000000	0.000000	850.38	-1297.49
2	FID	HRC-I-4	7.06	4433	0.042	0.014	0.015	0.024	0.000000	0.000000	1281.01	1006.31
3	GUIDE	367146616	8.85	8860	0.042	0.013	0.074	0.118	11.418645	41.190163	1399.22	1559.60
4	GUIDE	367148872	7.23	8863	0.063	-0.106	0.071	0.114	10.505940	40.688258	1541.12	-1507.44
5	GUIDE	367657896	9.01	8858	0.001	0.051	0.085	0.139	11.197765	41.313576	700.32	1302.28
6	GUIDE	367663272	9.29	8860	-0.091	0.013	0.090	0.153	10.656279	41.699429	-1263.51	849.21
7	GUIDE	367674552	8.85	8858	-0.017	0.029	0.083	0.134	11.016238	41.570845	-343.00	1401.88

2.4 Star Slots

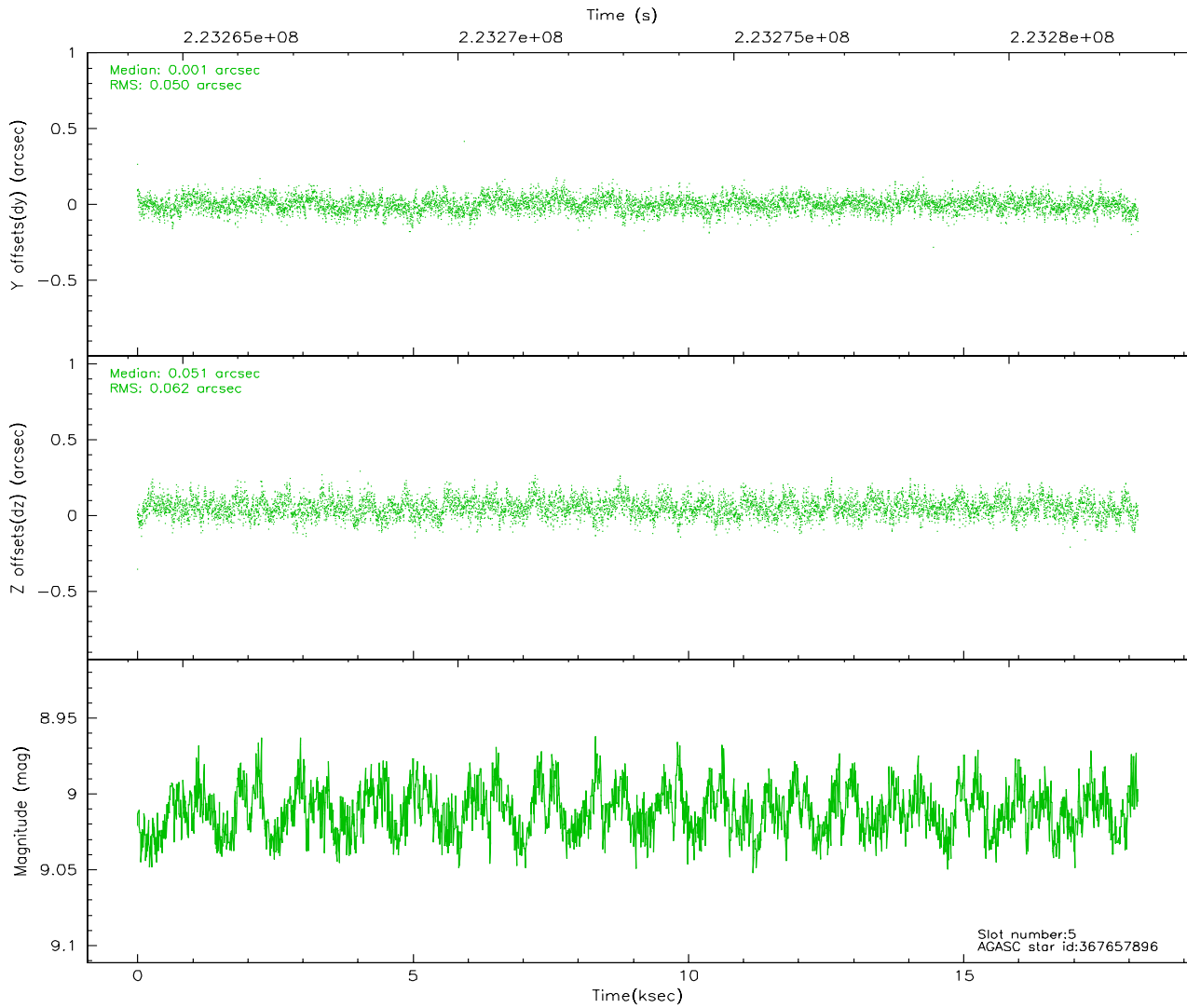
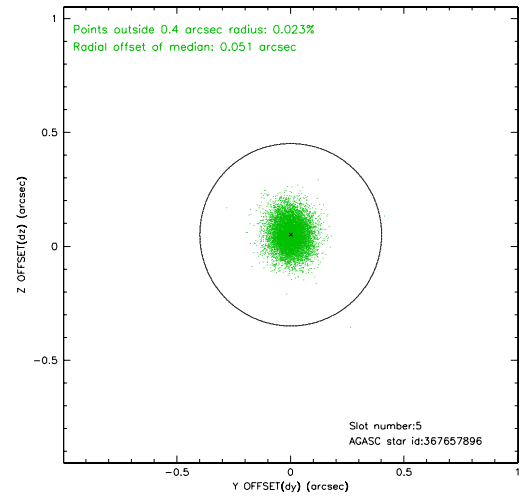
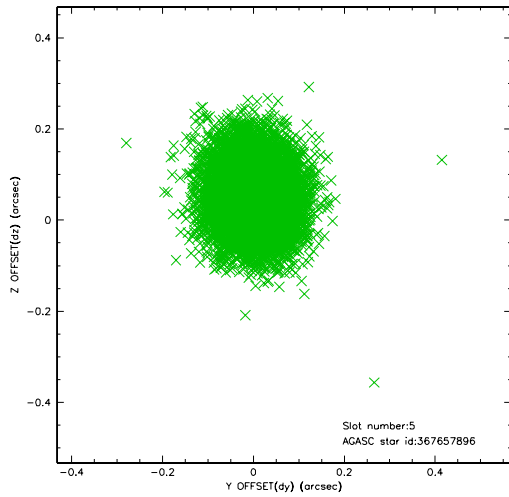
2.4.1 Slot 3



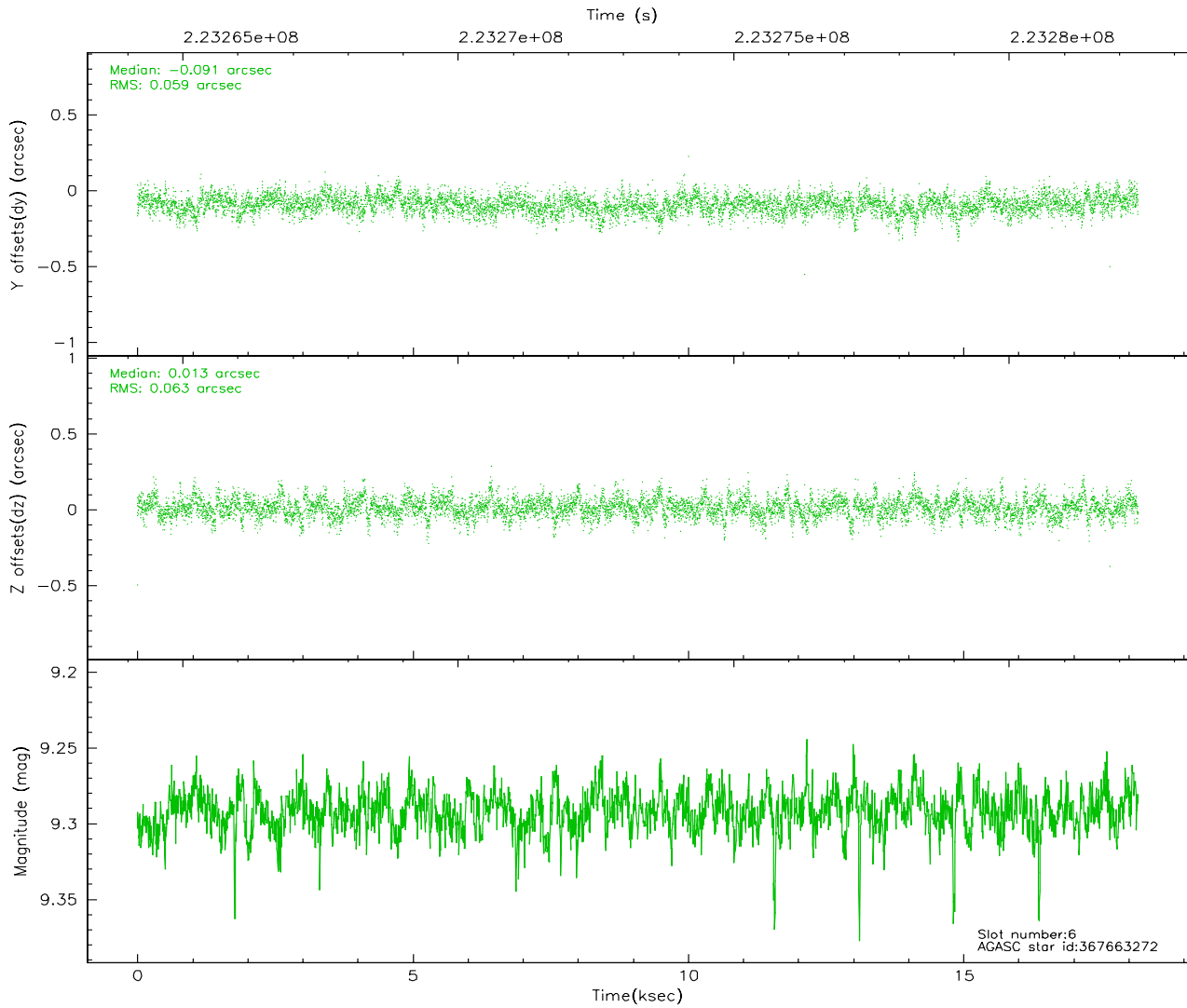
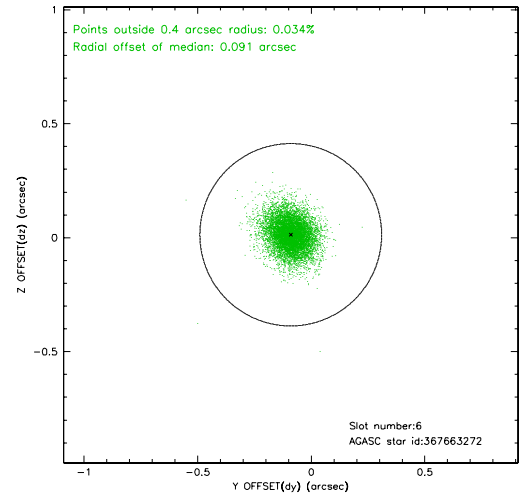
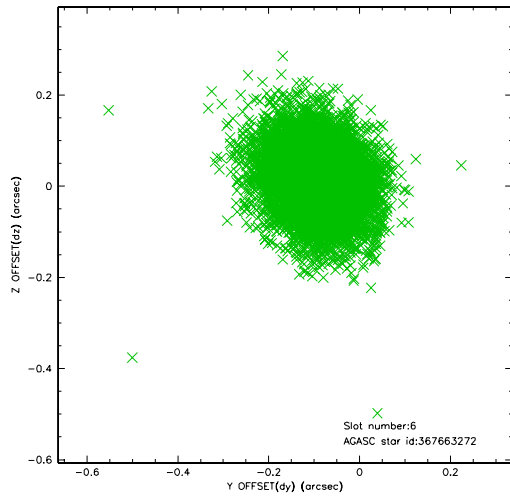
2.4.2 Slot 4



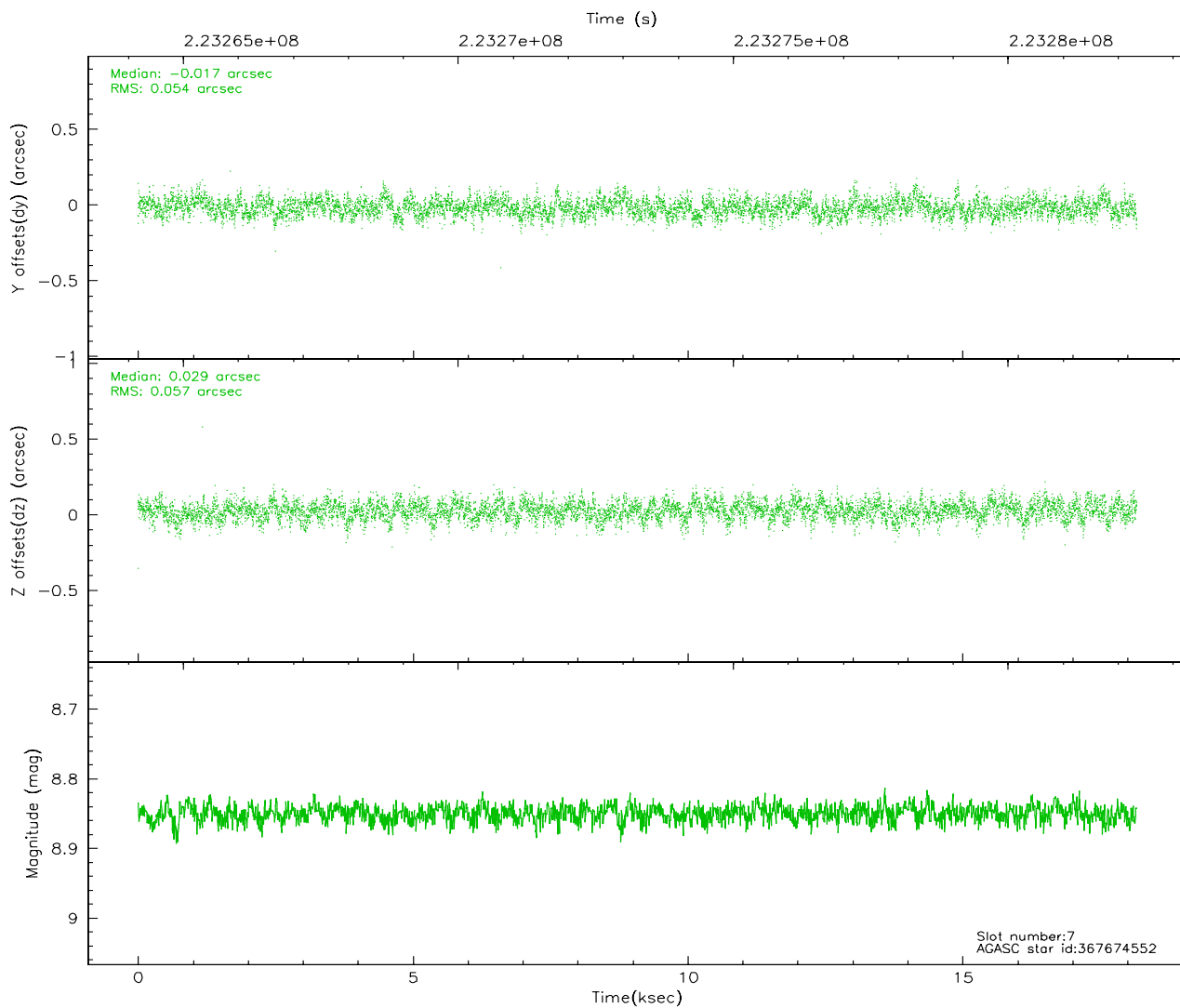
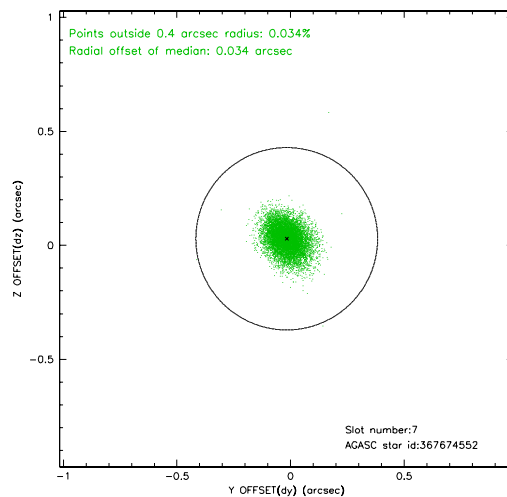
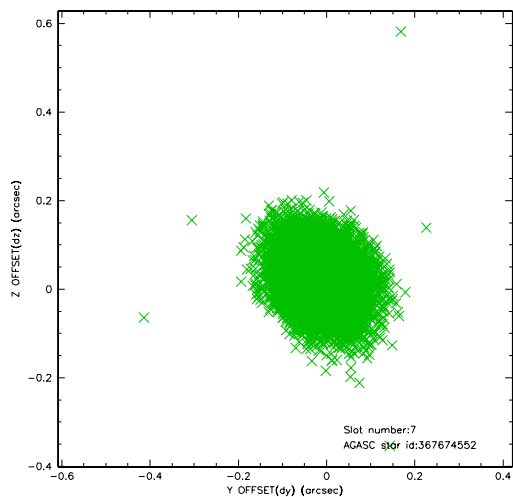
2.4.3 Slot 5



2.4.4 Slot 6

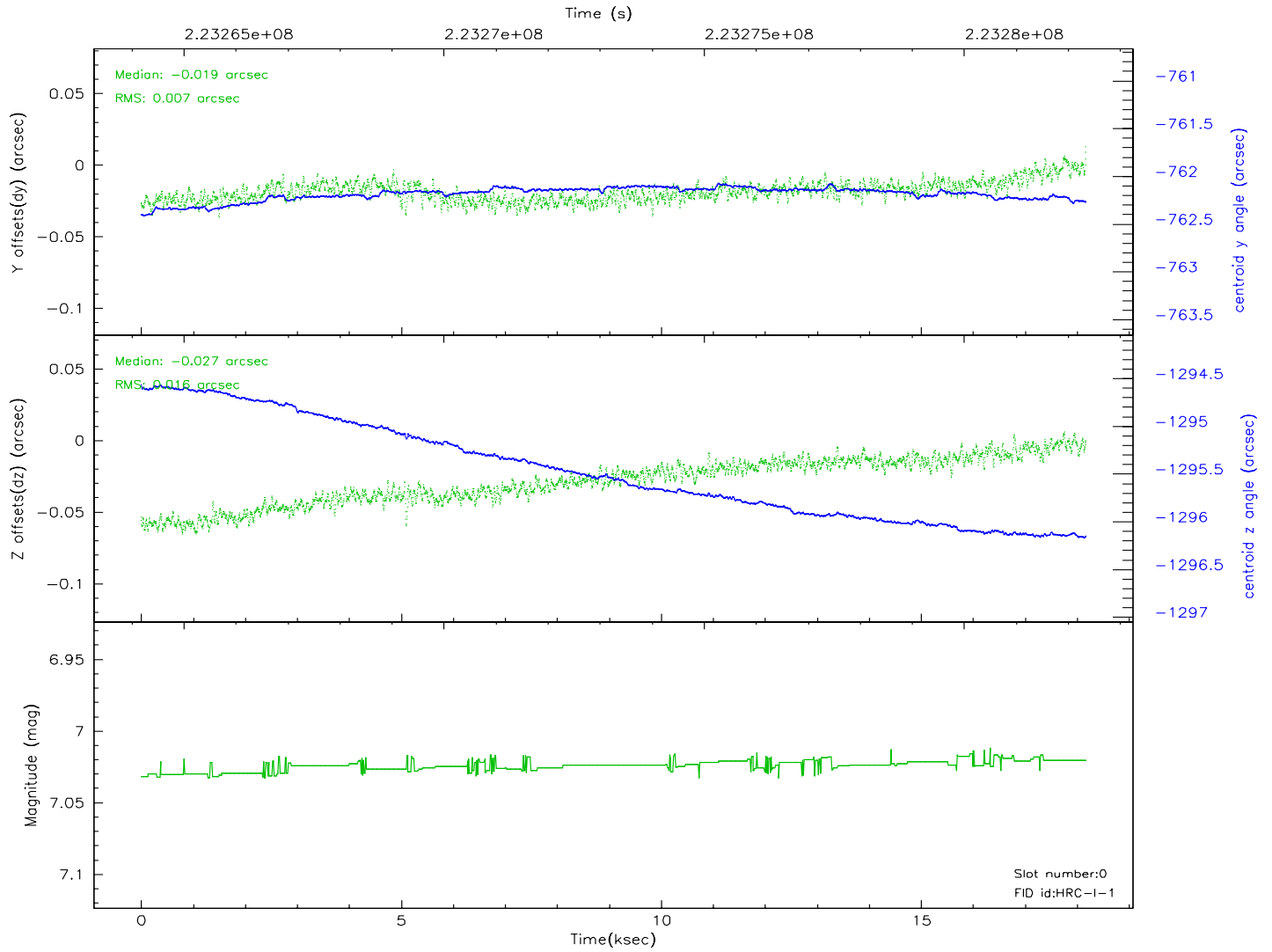
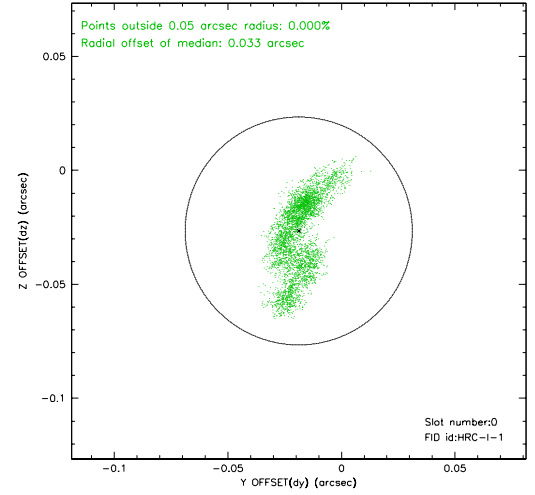
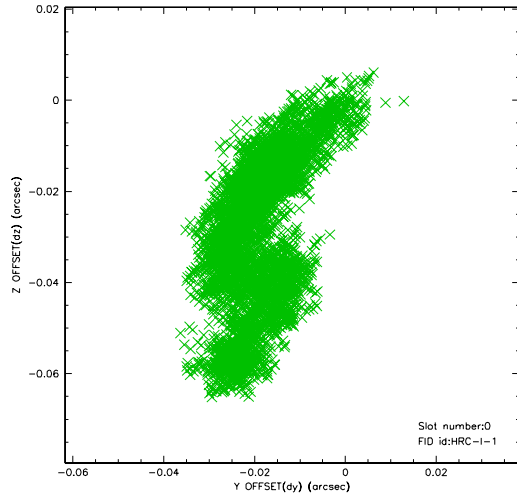


2.4.5 Slot 7

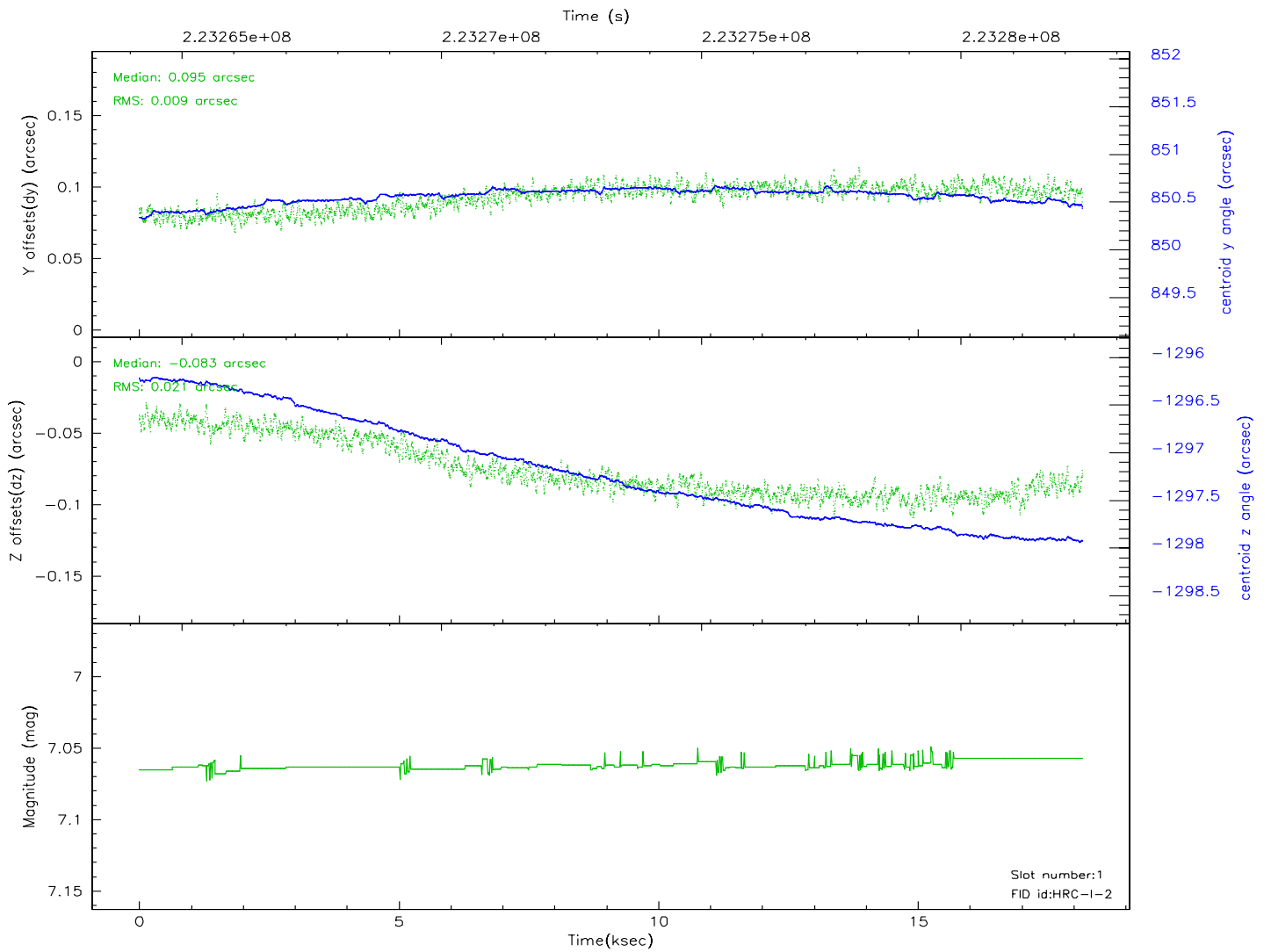
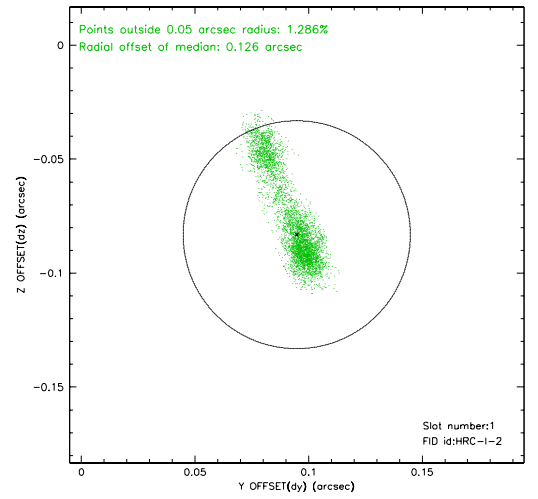
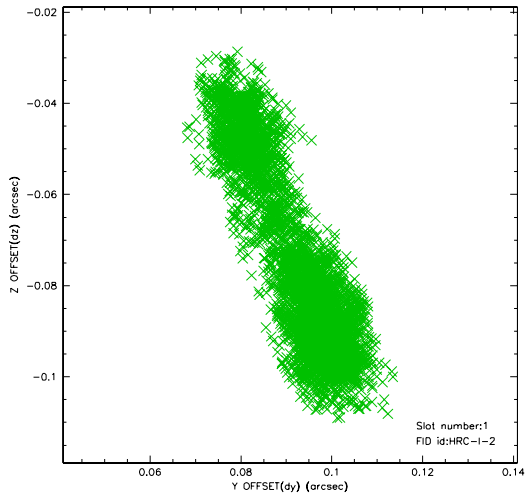


2.5 FID Slots

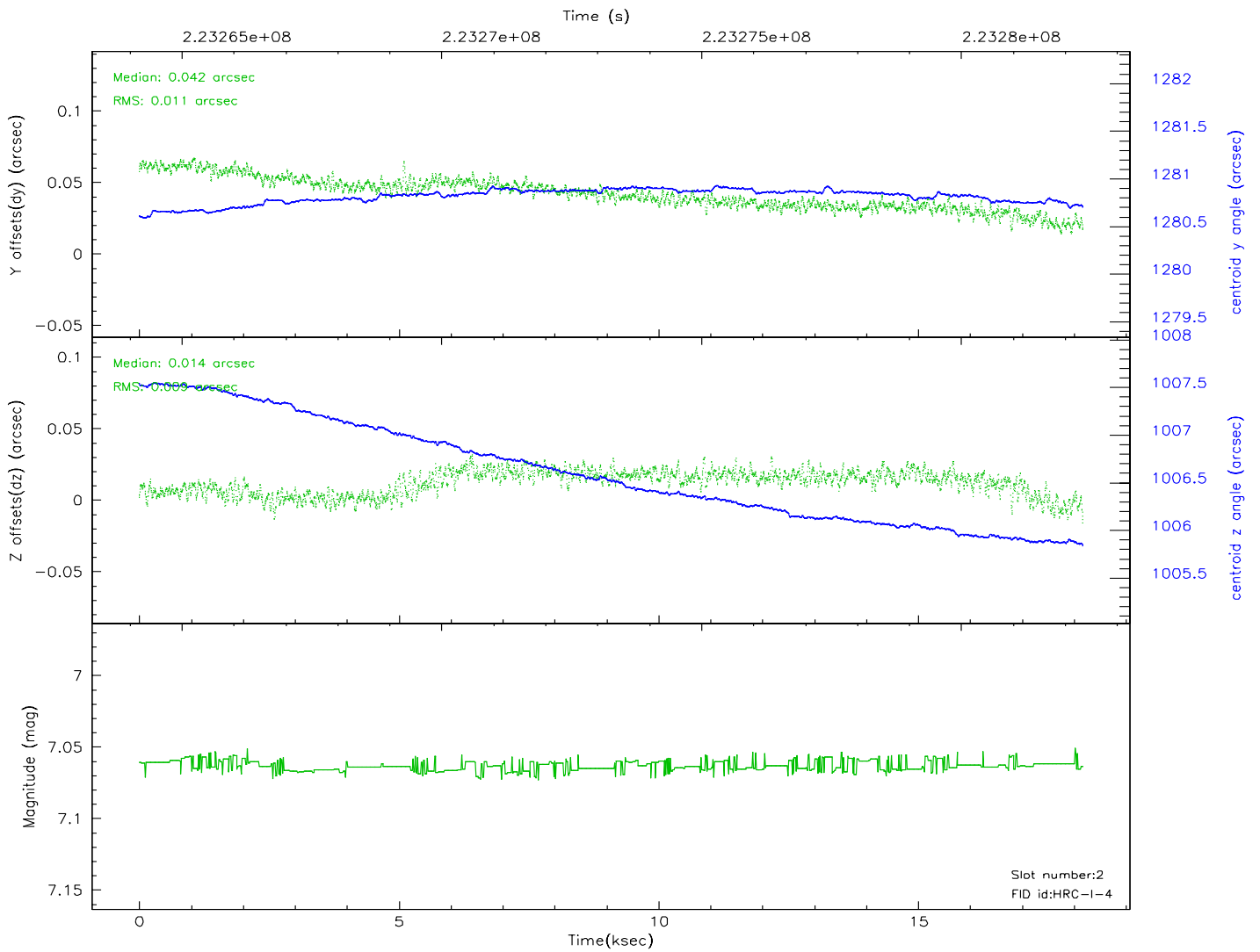
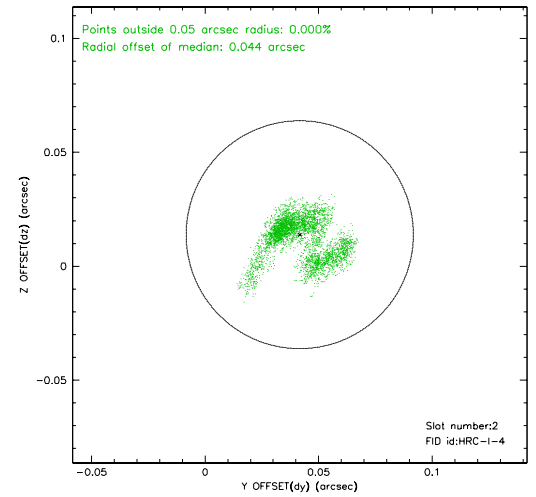
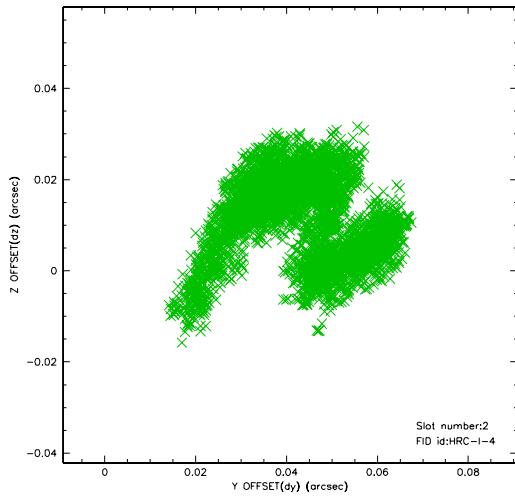
2.5.1 Slot 0



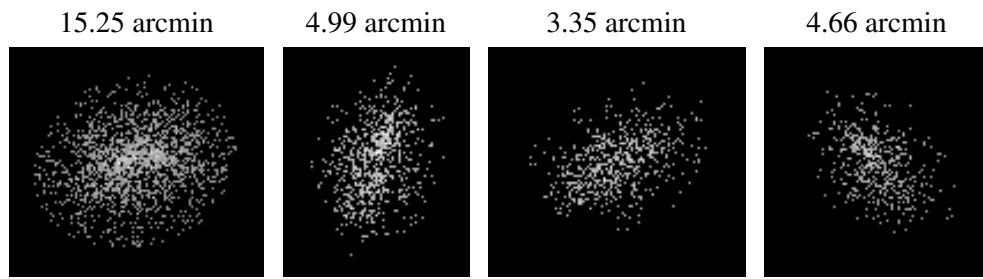
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.17043

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.