

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 253 - L2 Version 5
Chandra X-Ray Center

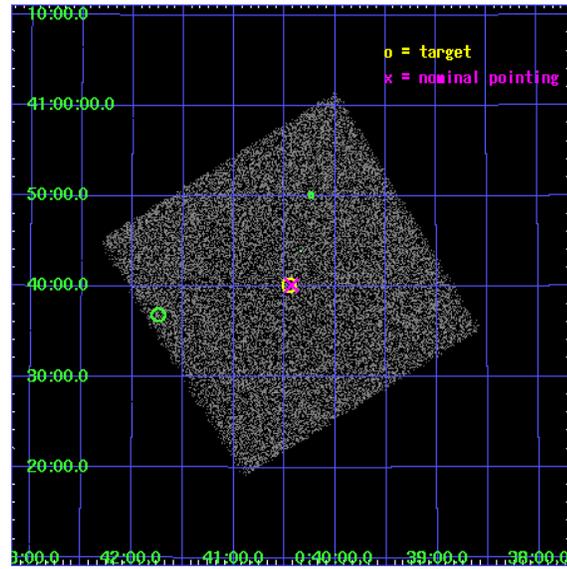
L2 Processing Date : Nov 20 2007

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1 Front

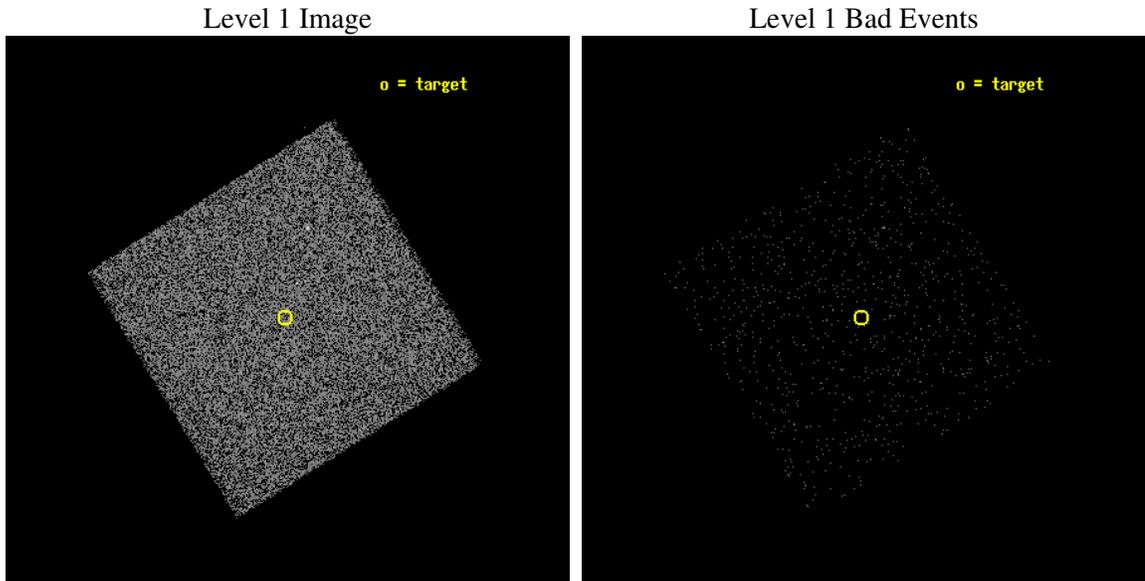
seq_num	600013
obs_id	253
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 2
ra_targ	10.1125
dec_targ	40.67
ra_nom	10.107553955007
dec_nom	40.669746269131
roll_nom	193.27466918426
revision	5
ontime	871.5062828958
livetime	866.28551965469
l2events	32352



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T01:48:02
revision	4

sched_exp_time	1000.000000
ontime	871.5062828958
l1events	57474

2.1.3 Events

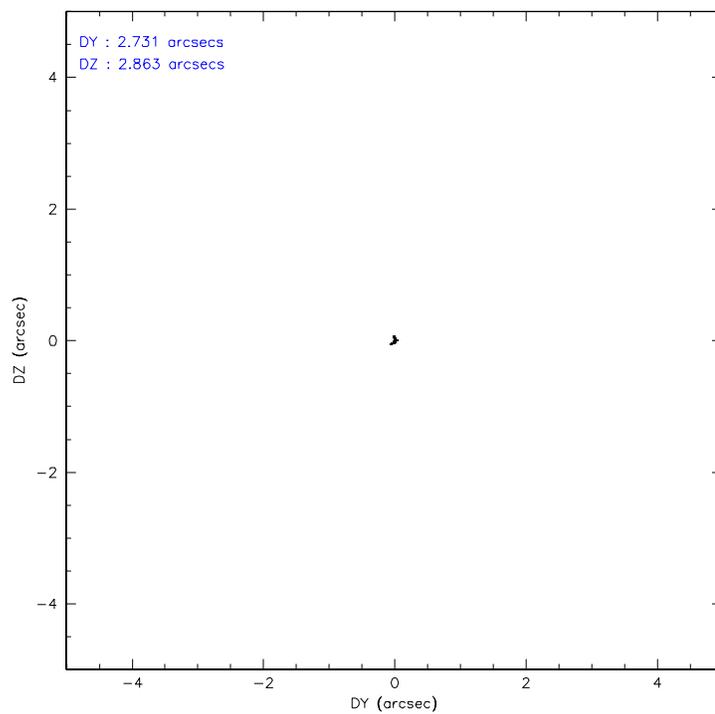
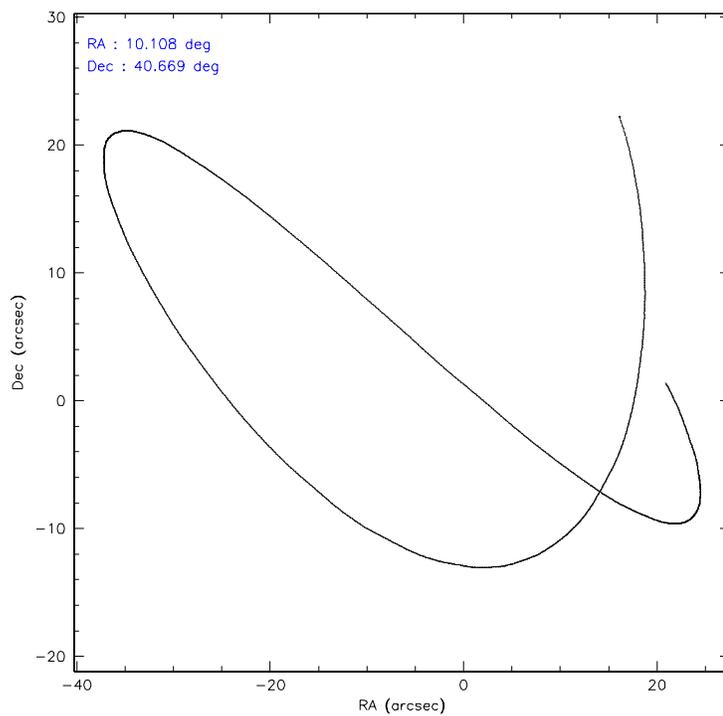
Level 1 Events

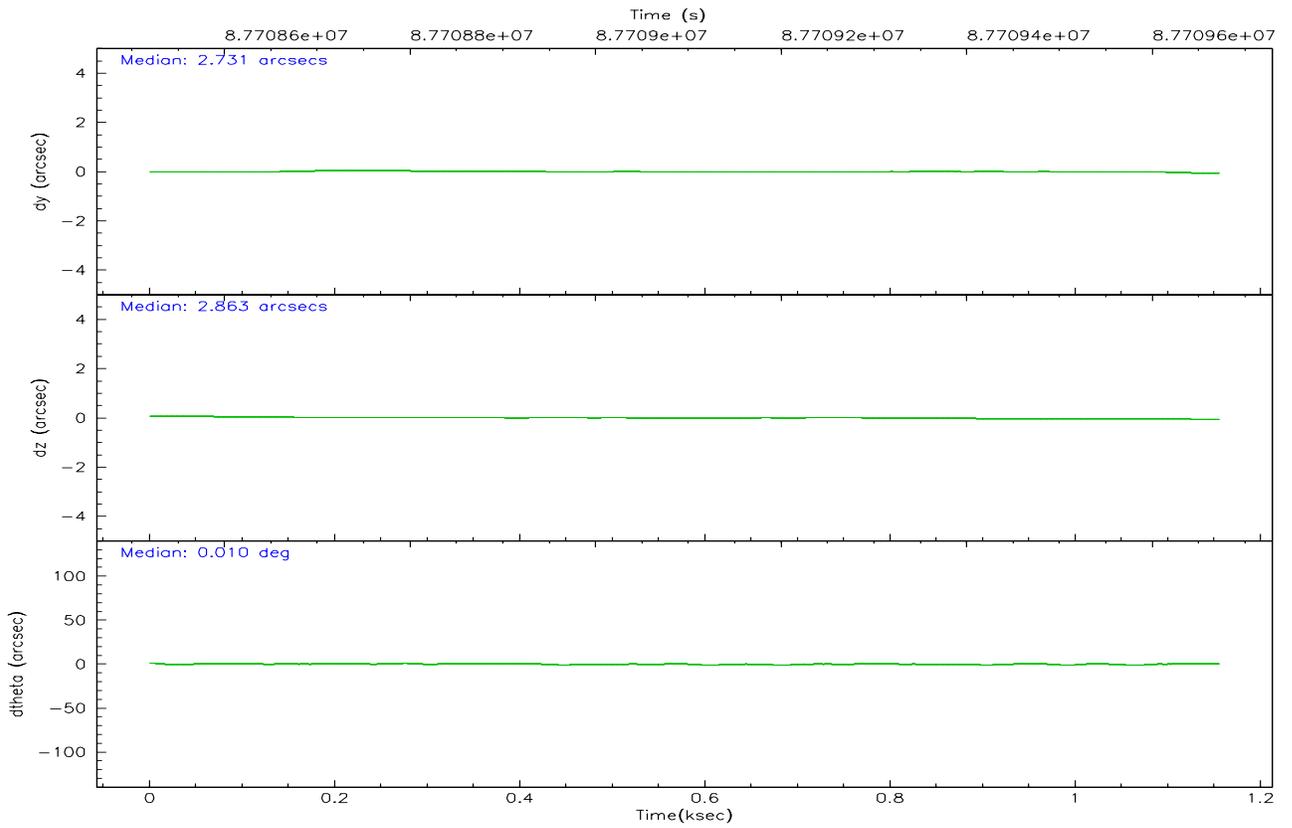
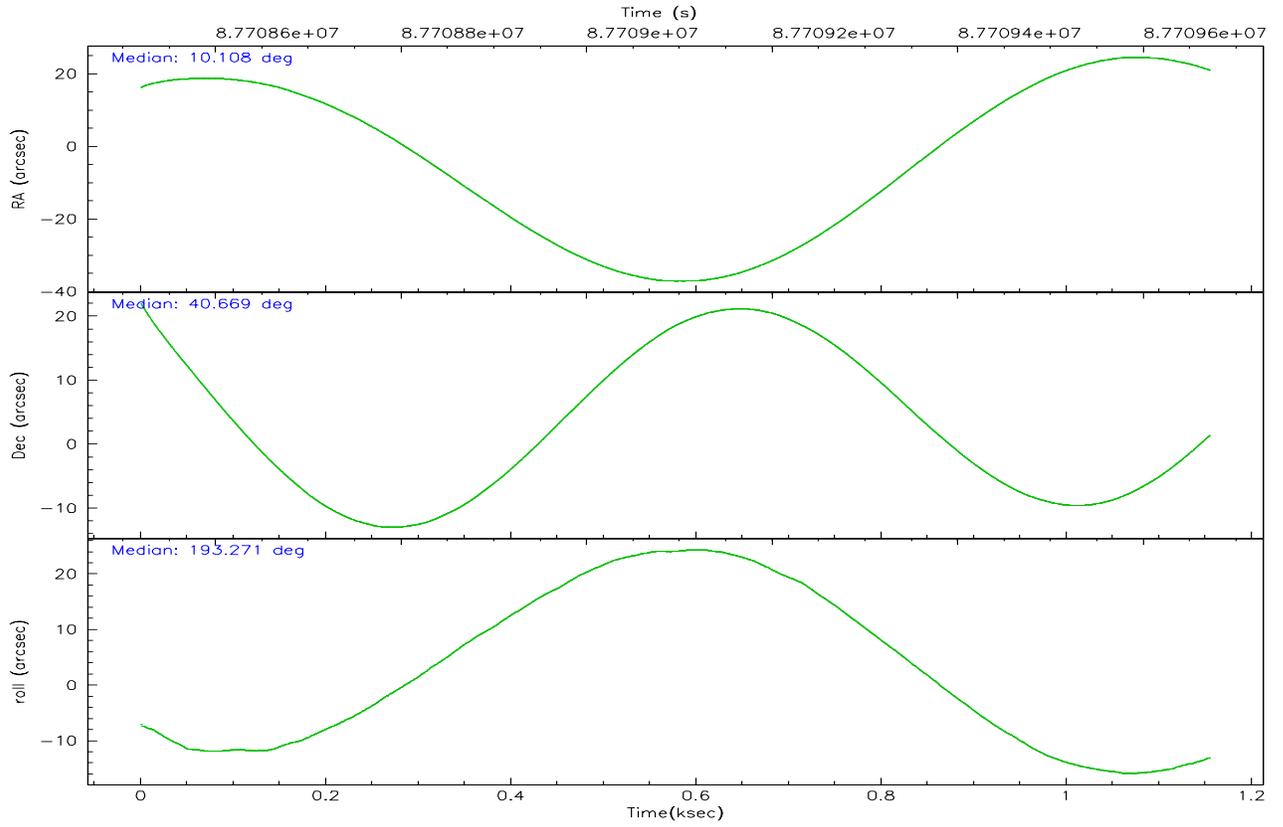
	segment 0
level 1 events	57474
rejected events	10346
rejected %	18%

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	10.132527	10.10755395500689			
Pointing Dec	40.689711	40.66974626913129			
Pointing Roll	193.353844	193.2746691842591			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	87708676.184000	87708016.86040001			
Observation start date	2000-10-12T03:30:12	2000-10-12T03:20:16			
Observation end time	87709676.184000	87709809.58546799			
Observation end date	2000-10-12T03:46:52	2000-10-12T03:50:09			

2.3 Aspect



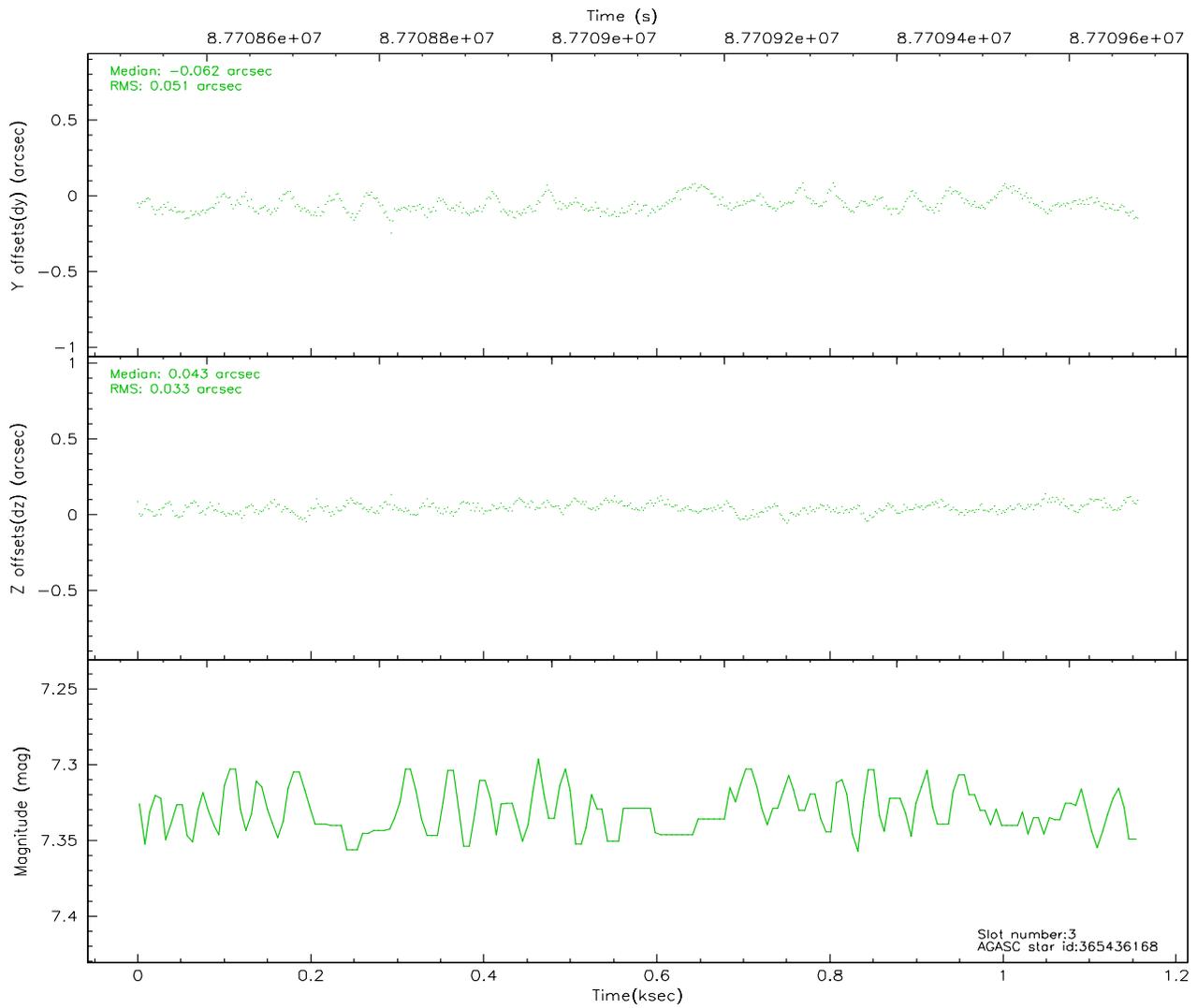
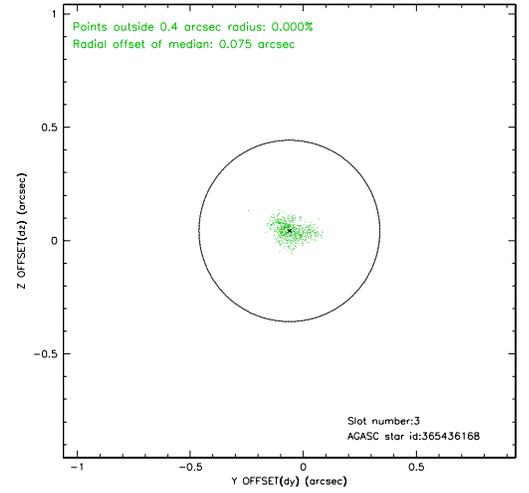
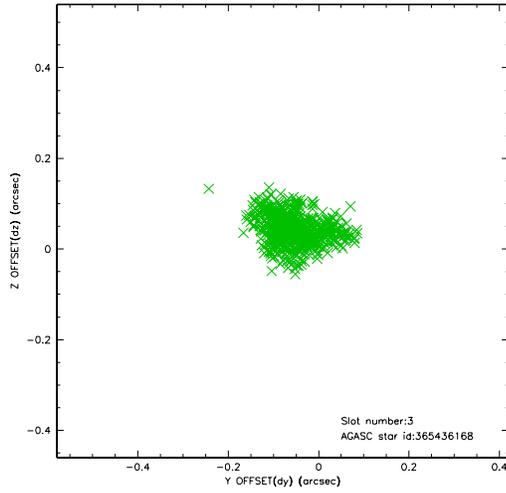


Slot Statistics

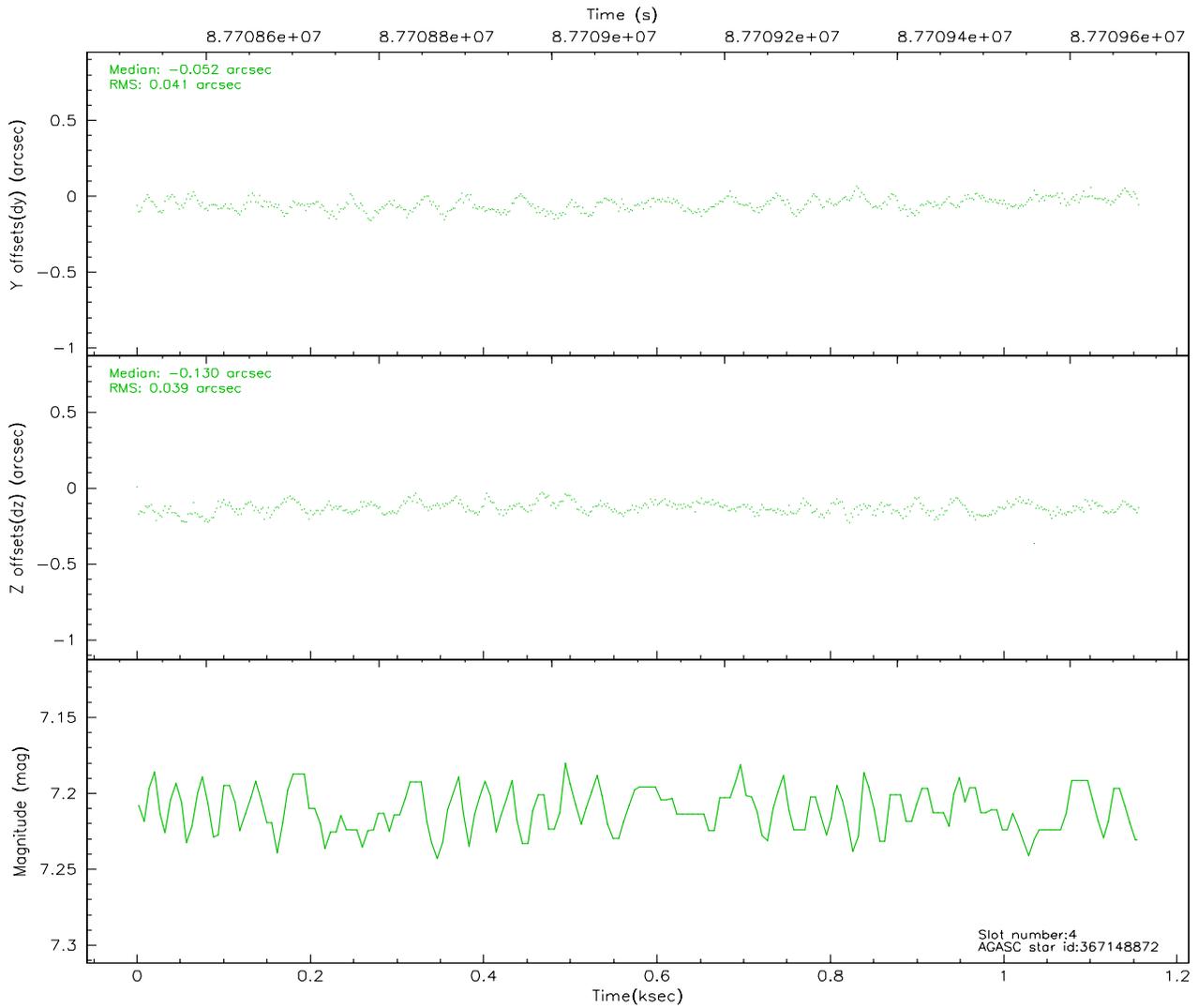
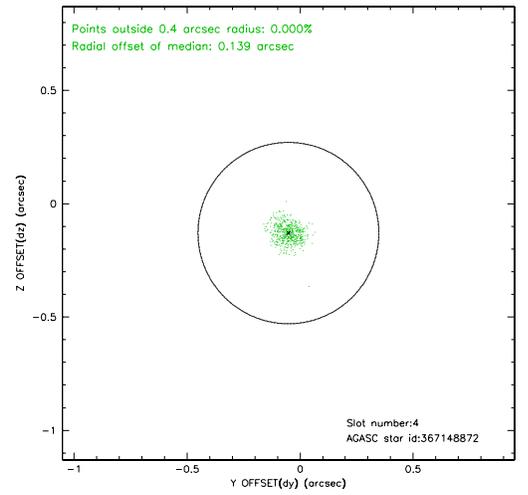
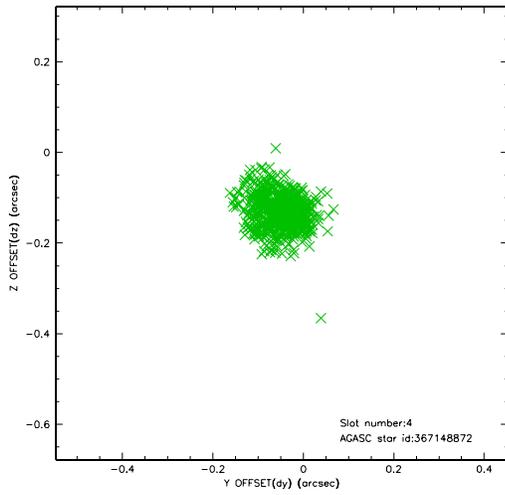
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	282	0.069	0.003	0.006	0.010	0.000000	0.000000	-758.18	-1290.56
1	FID	HRC-I-3	7.07	282	-0.001	-0.026	0.007	0.012	0.000000	0.000000	-1189.35	1009.41
2	FID	HRC-I-4	7.01	282	0.046	-0.066	0.005	0.009	0.000000	0.000000	1280.45	1015.05
3	GUIDE	365436168	7.33	565	-0.062	0.043	0.064	0.105	9.360006	40.332380	2358.03	750.20
4	GUIDE	367148872	7.21	565	-0.052	-0.130	0.060	0.098	10.505940	40.688258	-986.46	236.67
5	GUIDE	367139648	8.19	565	0.098	-0.011	0.061	0.095	11.021290	40.433909	-2160.93	1443.93
6	GUIDE	365439720	8.45	545	0.006	-0.025	0.050	0.082	9.704623	40.431022	1351.08	631.86
7	GUIDE	367658664	9.61	564	0.003	0.113	0.100	0.168	10.374070	41.369746	-1197.67	-2233.86

2.4 Star Slots

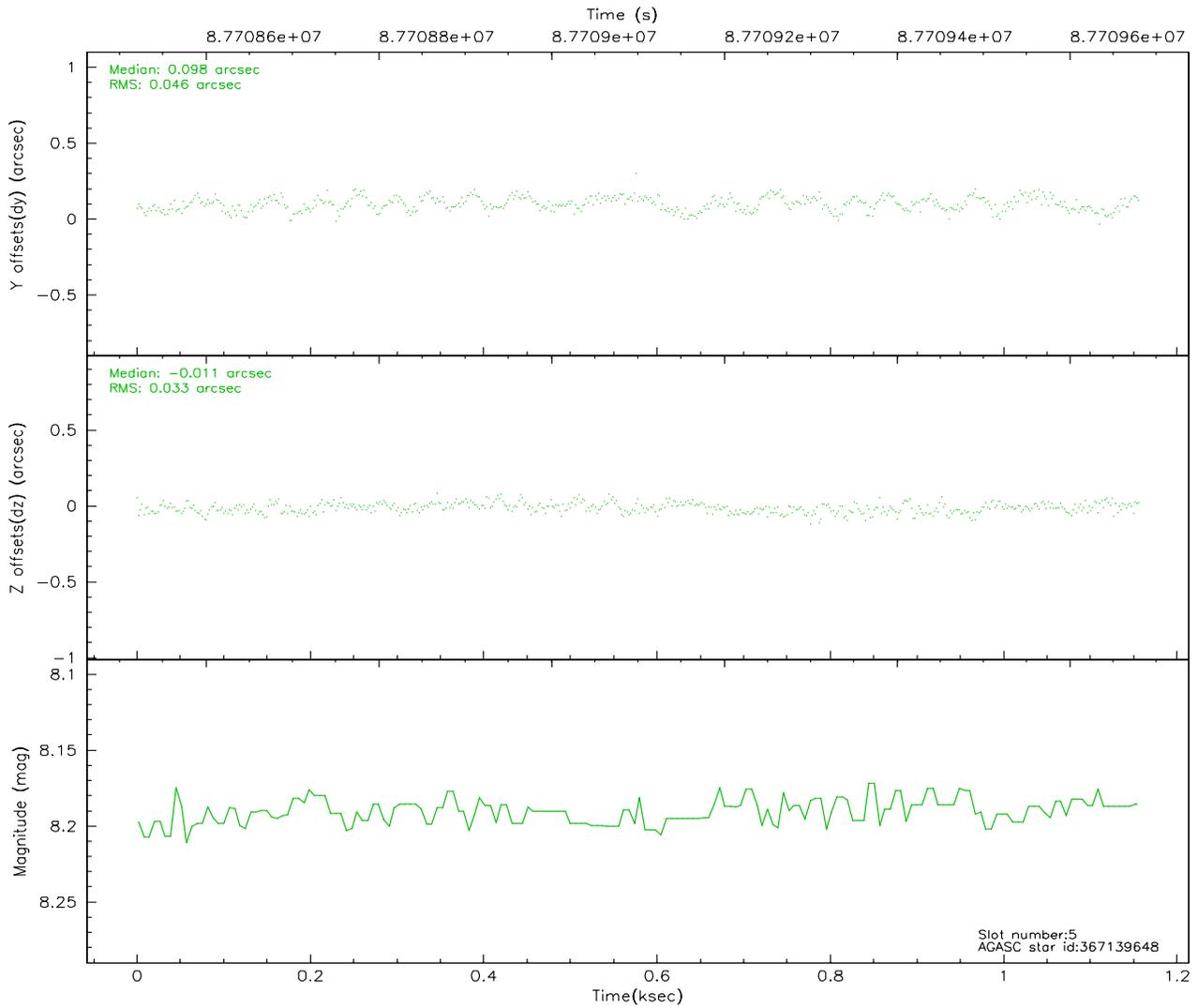
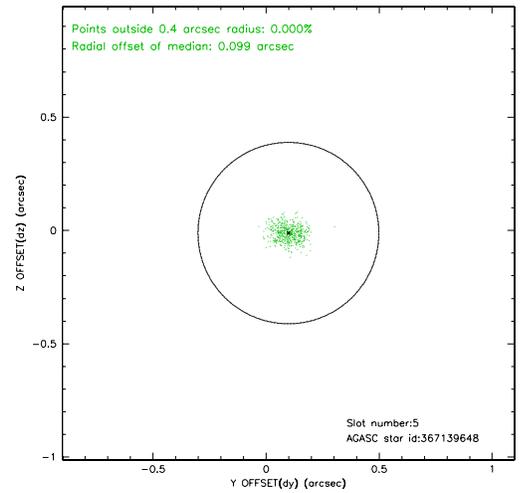
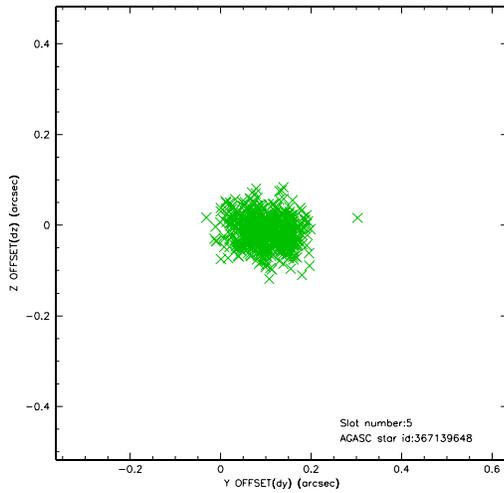
2.4.1 Slot 3



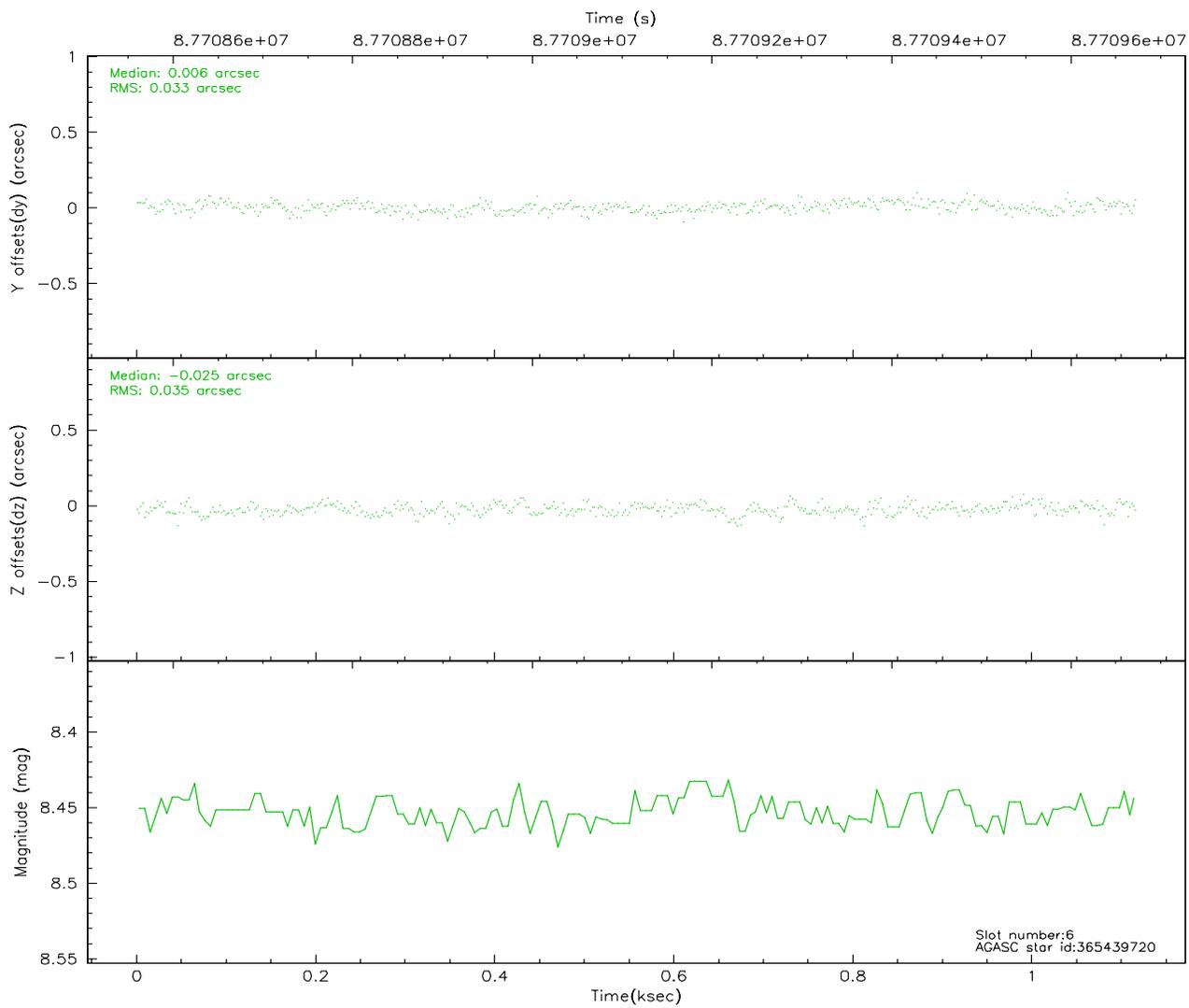
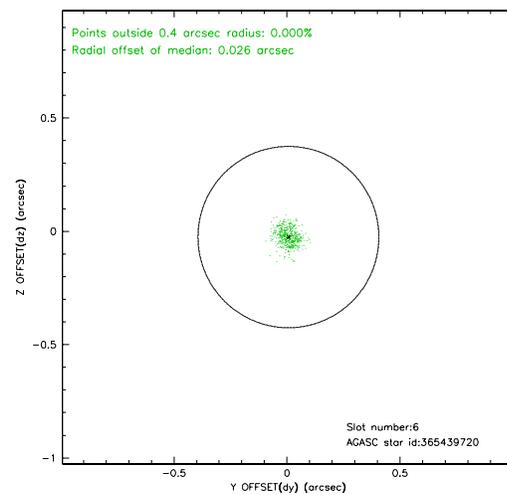
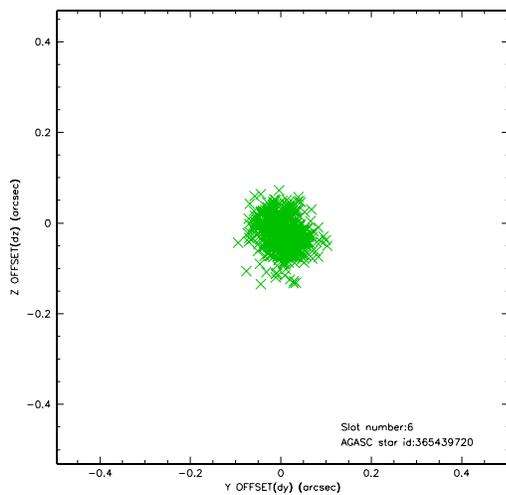
2.4.2 Slot 4



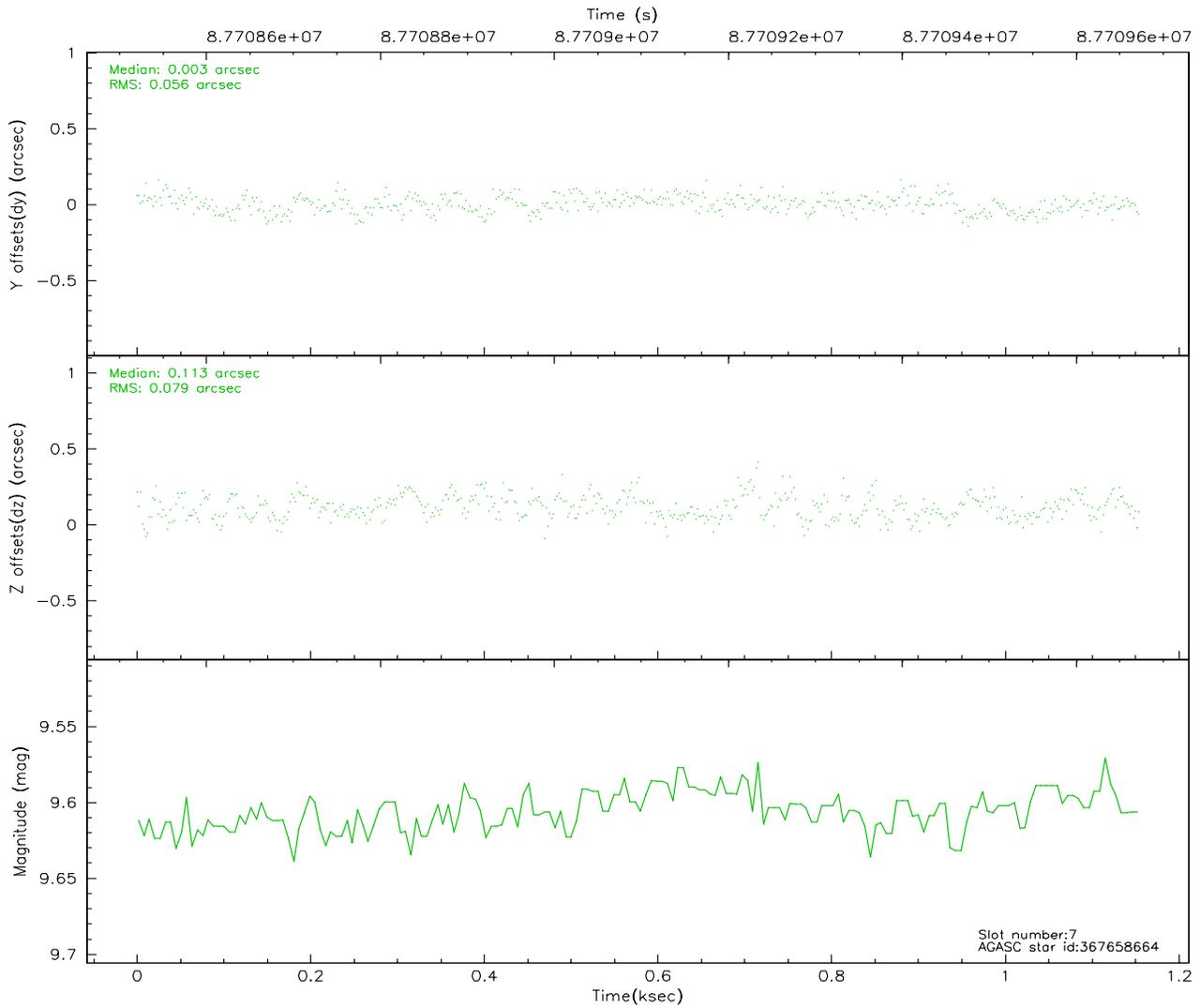
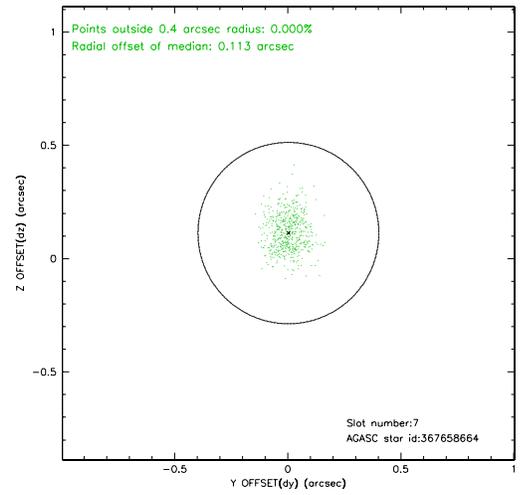
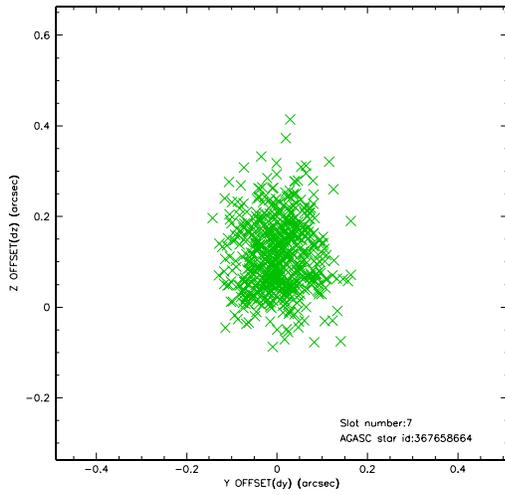
2.4.3 Slot 5



2.4.4 Slot 6

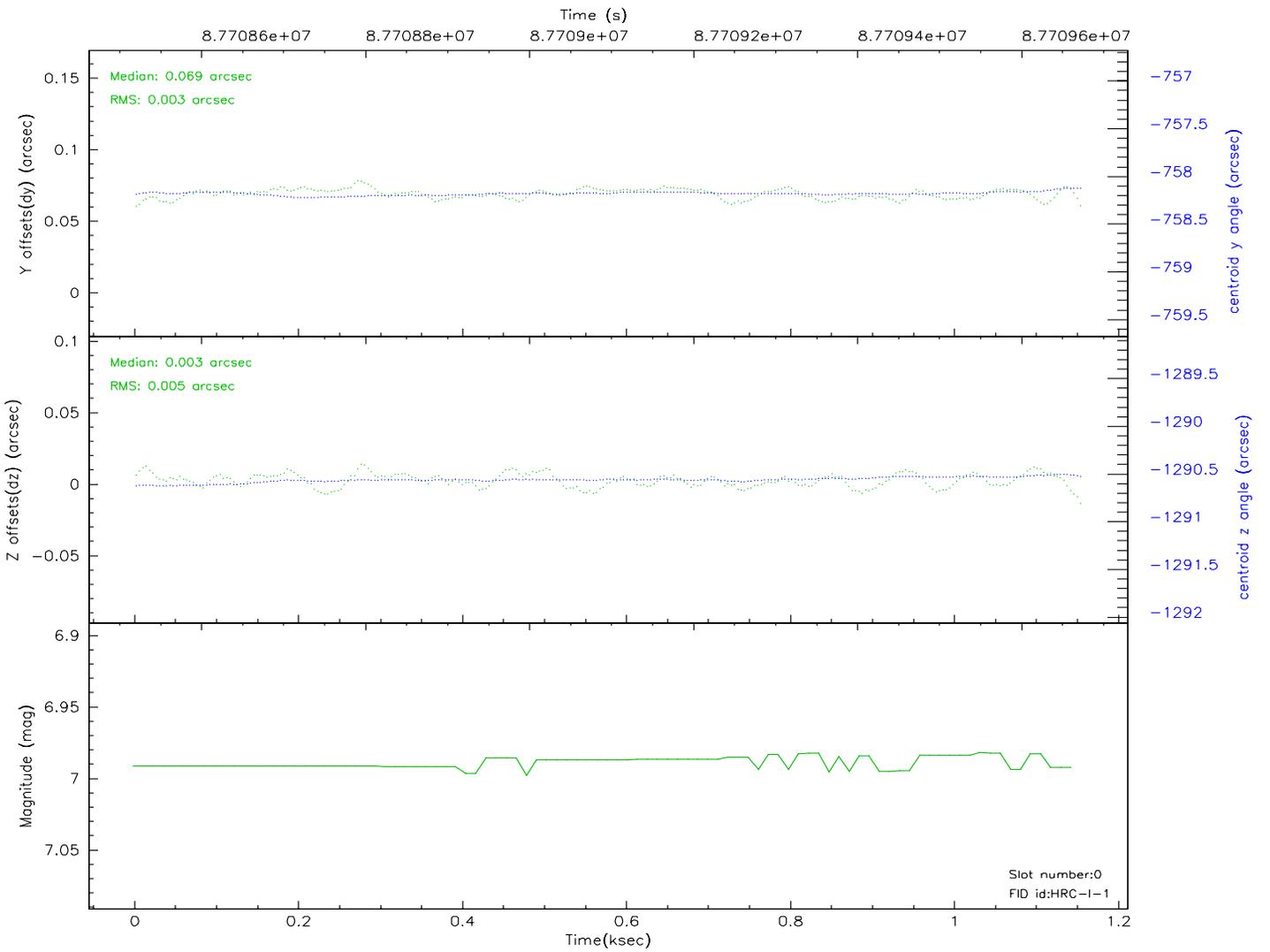
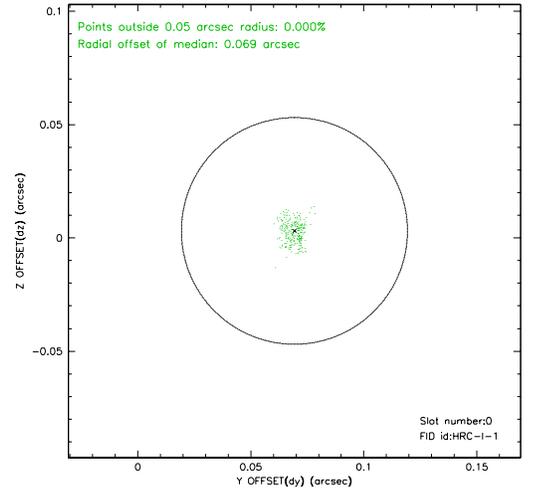
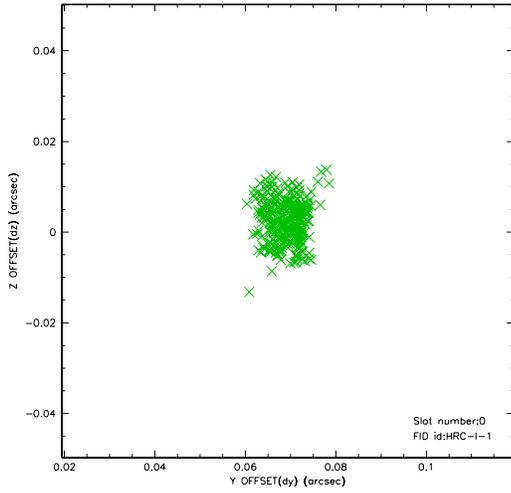


2.4.5 Slot 7

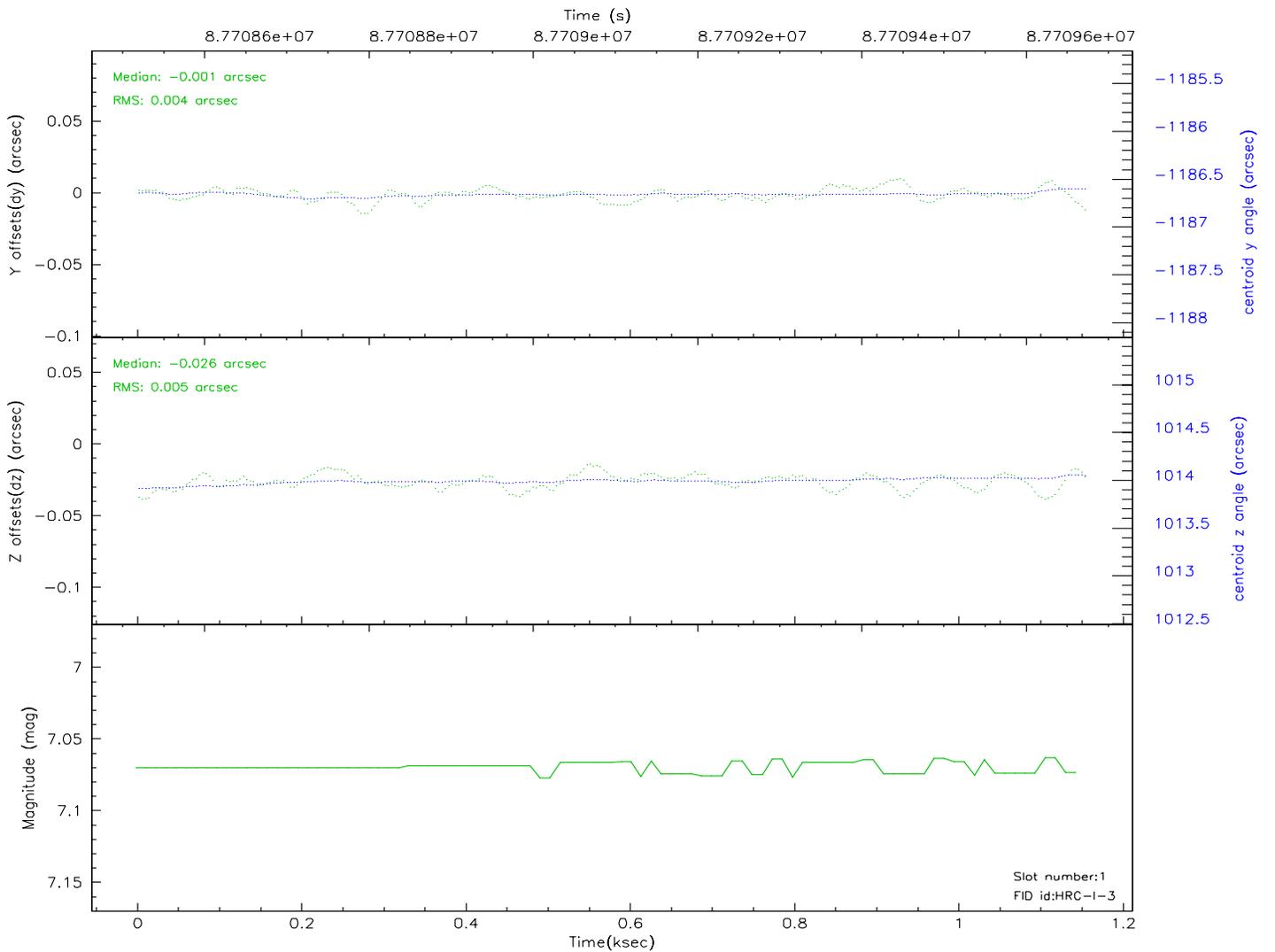
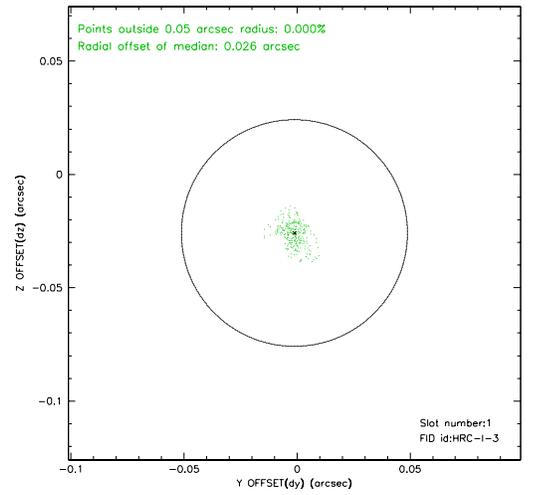
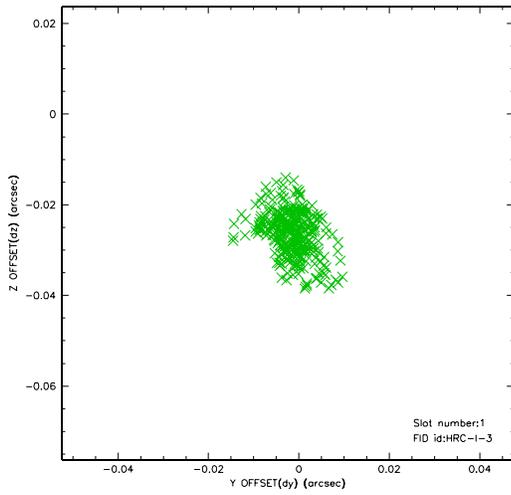


2.5 FID Slots

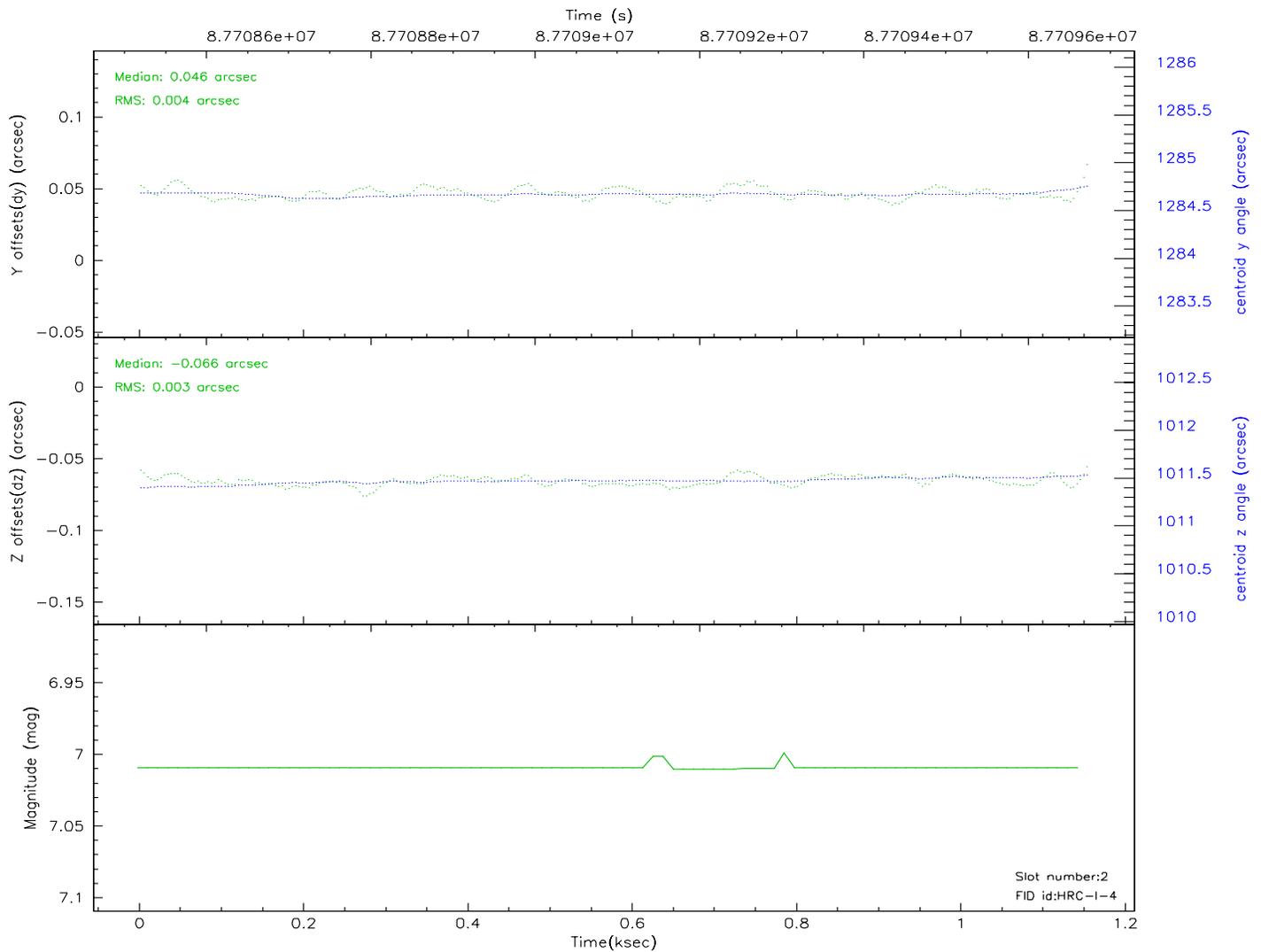
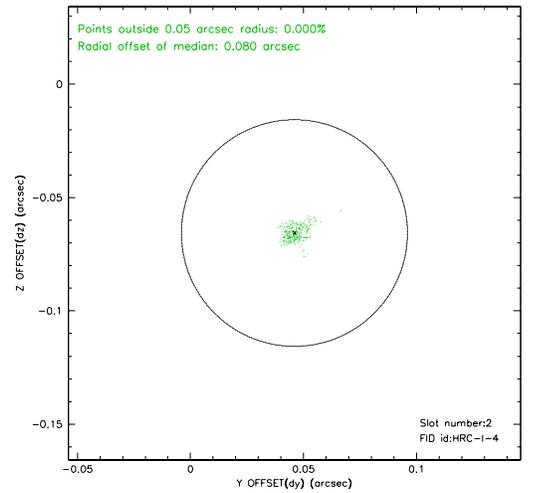
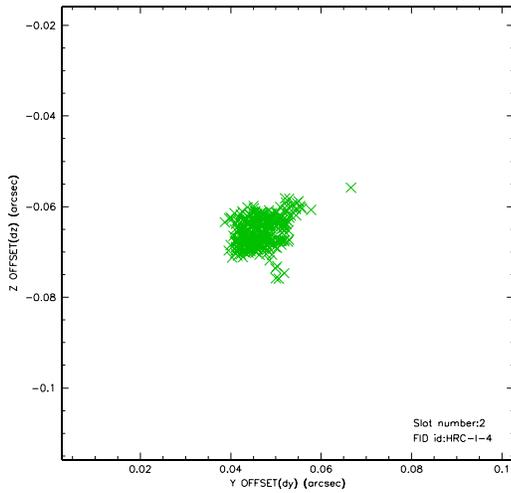
2.5.1 Slot 0



2.5.2 Slot 1

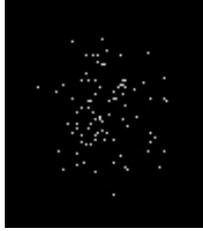


2.5.3 Slot 2



3 Point Sources

10.14 arcmin



3.92 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.871

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.